

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115647.D
 Acq On : 18 Jul 2019 15:05
 Operator : HP/JU
 Sample : PB121479BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Manual Integrations
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mohammad
 7/19/2019 3:58:19 PM

Quant Time: Jul 18 17:11:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	198786	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	767492	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	404625	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	771337	20.00	ng	0.00
76) Chrysene-d12	14.04	240	509851	20.00	ng	-0.01
87) Perylene-d12	15.50	264	345844	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1207034	99.32	ng	0.02
7) Phenol-d6	6.52	99	1595374	103.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045541	79.21	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	499516	105.76	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1779718	76.99	ng	-0.01
79) Terphenyl-d14	12.99	244	1862428	67.40	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.78	88	234754	38.725 ng	97
3) Pyridine	3.53	79	459796	27.956 ng	99
4) n-Nitrosodimethylamine	3.47	42	214047	35.874 ng	94
6) Aniline	6.55	93	477896	22.269 ng	100
8) 2-Chlorophenol	6.67	128	513834	36.775 ng	98
9) Benzaldehyde	6.43	77	47870	4.968 ng	98
10) Phenol	6.53	94	619704	34.618 ng	86
11) bis(2-Chloroethyl)ether	6.62	93	495952	36.389 ng	98
12) 1,3-Dichlorobenzene	6.83	146	513066	32.660 ng	100
13) 1,4-Dichlorobenzene	6.90	146	526749	33.606 ng	97
14) 1,2-Dichlorobenzene	7.06	146	497772	34.741 ng	97
15) Benzyl Alcohol	7.03	79	442029	36.135 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	692781	38.610 ng	97
17) 2-Methylphenol	7.14	107	458104	38.045 ng	99
18) Hexachloroethane	7.40	117	201337	34.607 ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	366175	36.410 ng	97
20) 3+4-Methylphenols	7.29	107	535607	37.448 ng	94
22) Acetophenone	7.29	105	710505	40.978 ng	# 98
24) Nitrobenzene	7.46	77	570892	40.101 ng	96
25) Isophorone	7.70	82	1063480	40.265 ng	98
26) 2-Nitrophenol	7.78	139	289786	39.546 ng	98
27) 2,4-Dimethylphenol	7.82	122	501933	45.780 ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	637454	39.341 ng	99
29) 2,4-Dichlorophenol	8.02	162	433095	37.982 ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	459381	35.641 ng	97
31) Naphthalene	8.19	128	1429036	38.446 ng	97
32) Benzoic acid	7.95	122	342740	38.091 ng	96
33) 4-Chloroaniline	8.23	127	381140	23.149 ng	96
34) Hexachlorobutadiene	8.31	225	268111	36.273 ng	99
35) Caprolactam	8.60	113	142138m	40.339 ng	
36) 4-Chloro-3-methylphenol	8.72	107	492020	41.598 ng	99
37) 2-Methylnaphthalene	8.88	142	1023537	41.542 ng	97
38) 1-Methylnaphthalene	8.98	142	952285	40.691 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	447094	36.693 ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	341461	49.127	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	311090	34.912	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	329985	36.161	nq	99
46) 1,1'-Biphenyl	9.34	154	1269675	40.137	nq	98
47) 2-Chloronaphthalene	9.37	162	998206	37.898	nq	97
48) 2-Nitroaniline	9.46	65	307045	37.663	nq	98
49) Acenaphthylene	9.79	152	1369512	35.090	nq	97
50) Dimethylphthalate	9.64	163	1148086	37.713	nq	99
51) 2,6-Dinitrotoluene	9.70	165	254041	36.720	nq	99
52) Acenaphthene	9.96	154	1029367	40.852	nq	99
53) 3-Nitroaniline	9.87	138	188170	23.801	nq	95
54) 2,4-Dinitrophenol	9.98	184	258932	72.898	nq	90
55) Dibenzofuran	10.13	168	1332472	37.237	nq	100
56) 4-Nitrophenol	10.03	139	400899	66.498	nq	98
57) 2,4-Dinitrotoluene	10.10	165	355255	39.636	nq	97
58) Fluorene	10.47	166	969477	37.898	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	301713	39.552	nq	99
60) Diethylphthalate	10.34	149	1116432	39.141	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	507513	35.775	nq	95
62) 4-Nitroaniline	10.48	138	241758	31.879	nq	97
63) Azobenzene	10.62	77	1091014	39.434	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	169036	35.869	nq	98
66) n-Nitrosodiphenylamine	10.57	169	875052	36.470	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	329435	37.374	nq	97
68) Hexachlorobenzene	11.02	284	356018	35.368	nq	95
69) Atrazine	11.10	200	272979	34.681	nq	98
70) Pentachlorophenol	11.21	266	408670	66.378	nq	99
71) Phenanthrene	11.43	178	1437419	36.355	nq	97
72) Anthracene	11.48	178	1489074	36.442	nq	99
73) Carbazole	11.63	167	1285774	35.883	nq	99
74) Di-n-butylphthalate	11.96	149	1594410	36.124	nq	100
75) Fluoranthene	12.62	202	1501216	35.930	nq	98
77) Benzidine	12.73	184	257248	14.243	nq	99
78) Pyrene	12.85	202	1466528	33.950	nq	98
80) Butylbenzylphthalate	13.46	149	691444	37.549	nq	99
81) Benzo(a)anthracene	14.03	228	1206209	35.911	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	371223	31.089	nq	99
83) Chrysene	14.07	228	1211504	35.930	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	929573	40.754	nq	99
85) Di-n-octyl phthalate	14.63	149	1445241	39.822	nq	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	999422	34.888	nq	99
88) Benzo(b)fluoranthene	15.08	252	1069758	48.037	nq	99
89) Benzo(k)fluoranthene	15.11	252	985593	49.641	nq	98
90) Benzo(a)pyrene	15.44	252	896169	46.821	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	847127	50.414	nq	98
92) Benzo(g,h,i)perylene	17.43	276	857477	51.167	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

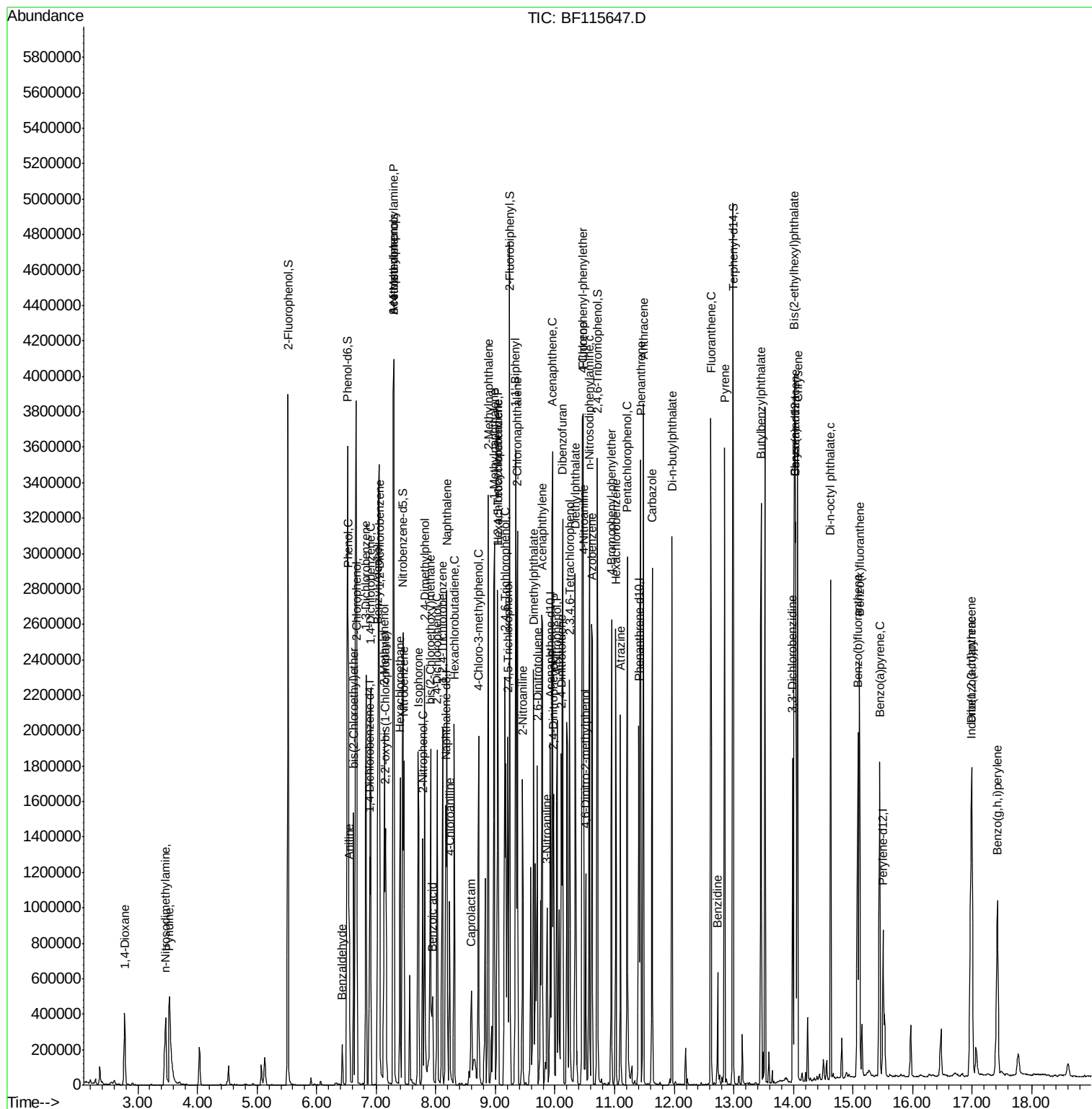
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
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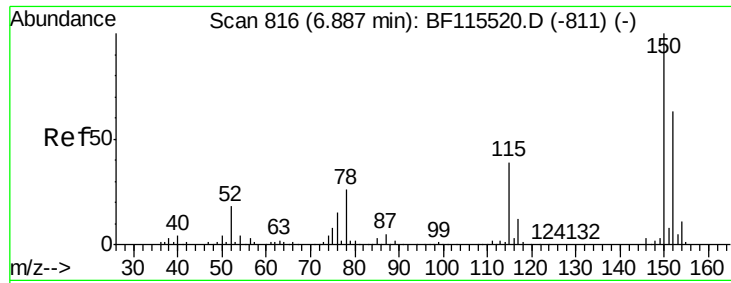
Instrument :
BNA_F
ClientSampleId :
PB121479BS

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#1

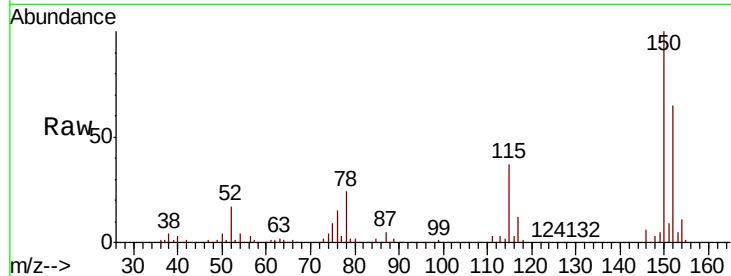
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.7	194.5
115	57.1	48.2	72.4

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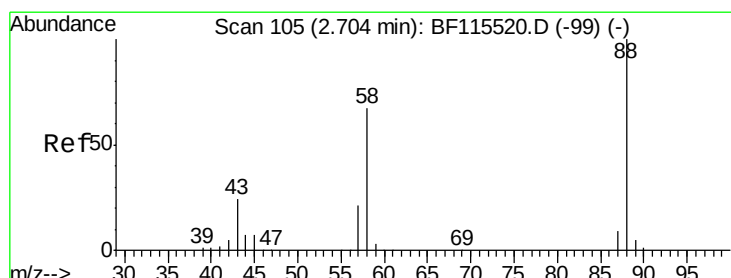
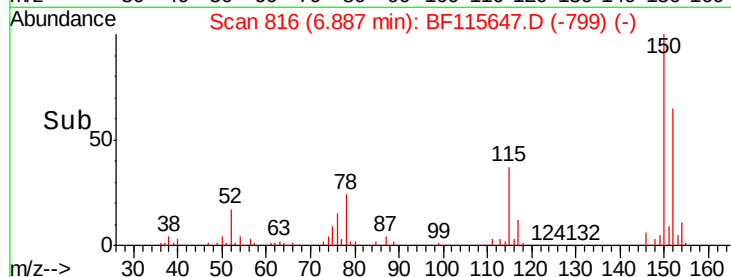
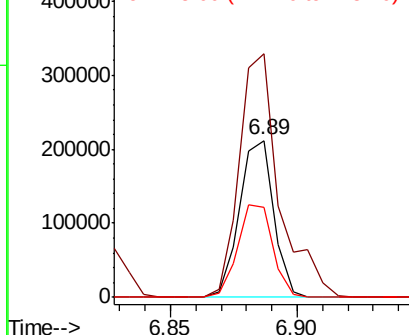


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

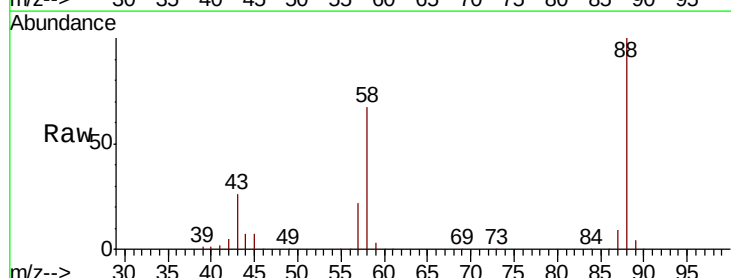
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.725 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.08 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	52.6	79.0
43	25.7	19.1	28.7

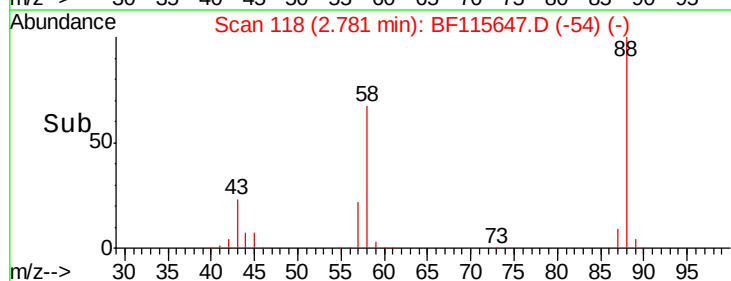
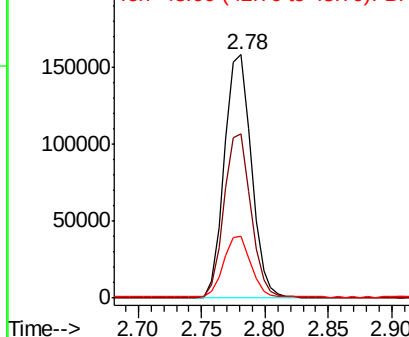


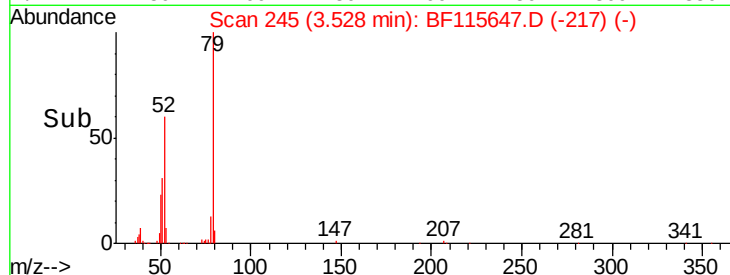
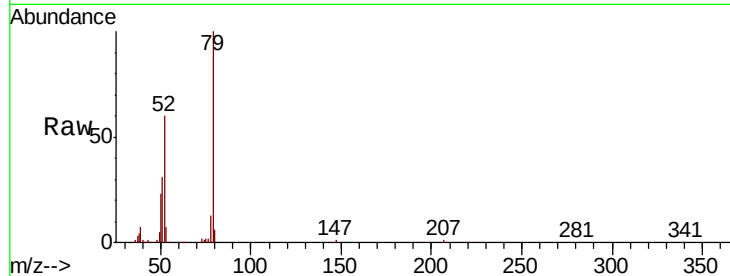
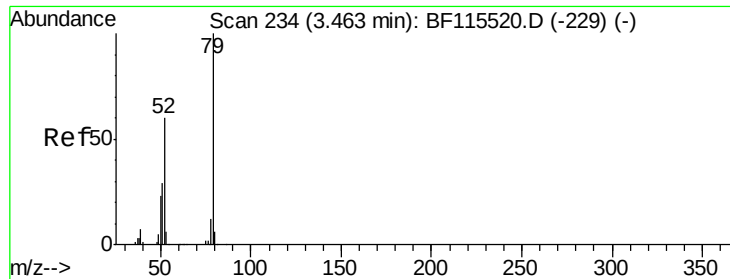
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





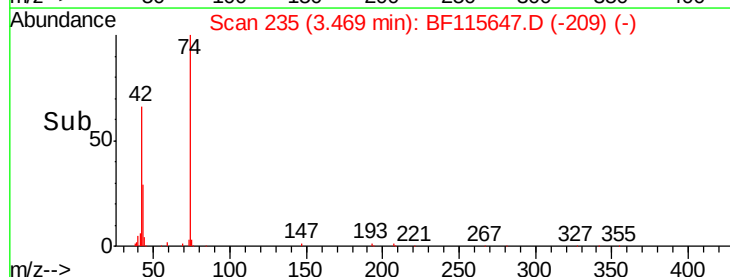
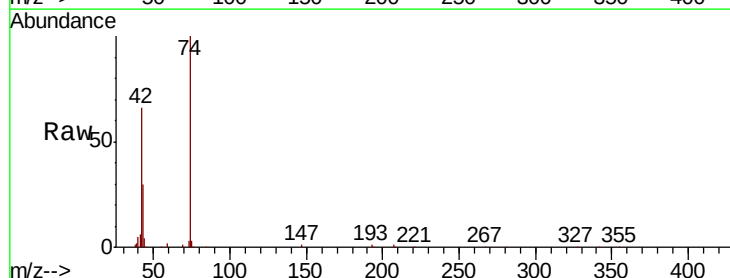
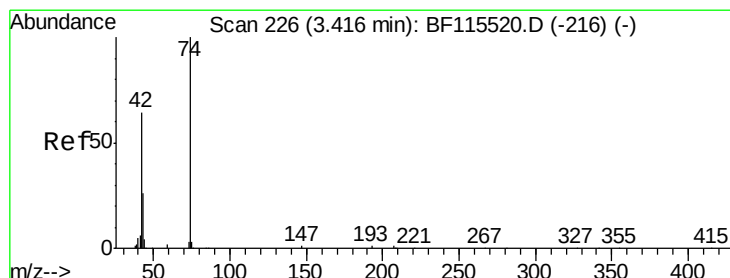
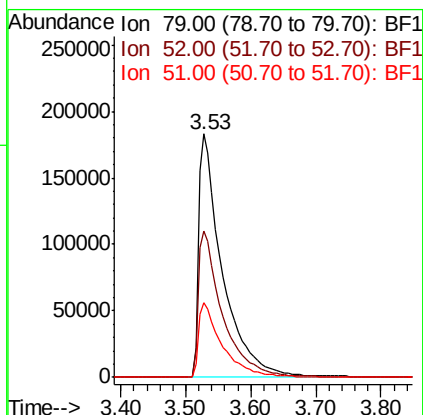
#3
Pvridine
Concen: 27.956 ng
RT: 3.53 min Scan# 245
Delta R.T. 0.06 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.1	47.8	71.6
51	30.7	23.8	35.8

Instrument :
BNA_F
ClientSampleId :
PB121479BS

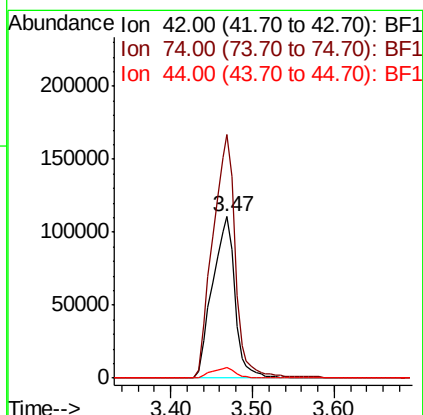
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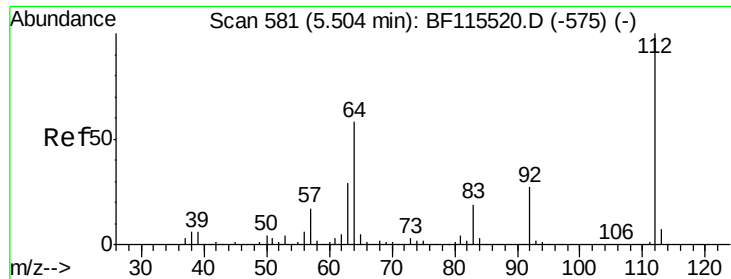
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#4
n-Nitrosodimethylamine
Concen: 35.874 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.05 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.1	127.5	191.3
44	6.2	5.0	7.6





#5

2-Fluorophenol

Concen: 99.321 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB121479BS

Tot Ion:112 Resp: 1207034

Ion Ratio Lower Upper

112 100

64 56.8 46.8 70.2

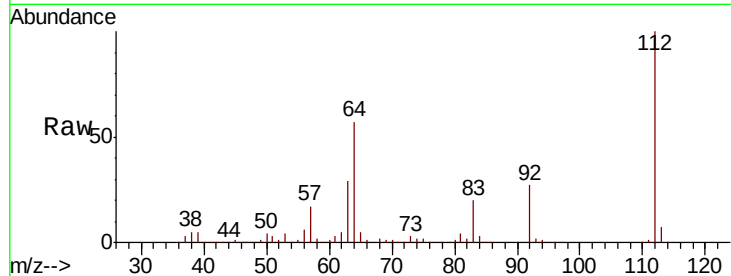
63 29.4 24.1 36.1

Manual Integrations

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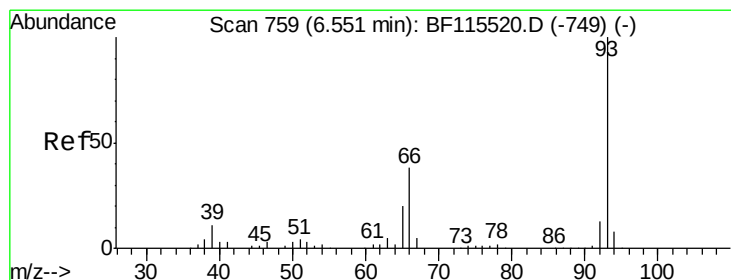
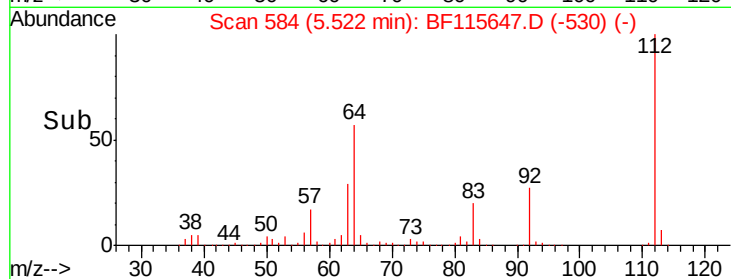
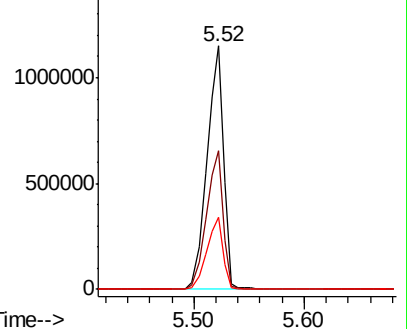
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Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#6

Aniline

Concen: 22.269 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

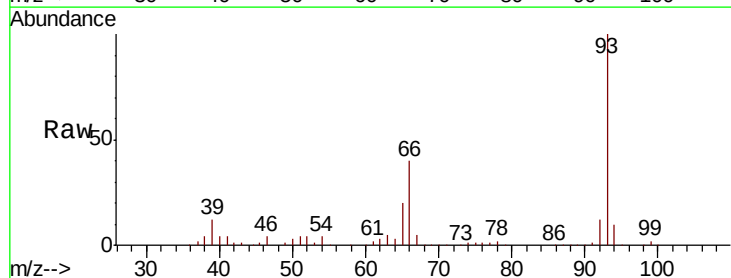
Tgt Ion: 93 Resp: 477896

Ion Ratio Lower Upper

93 100

66 39.5 31.7 47.5

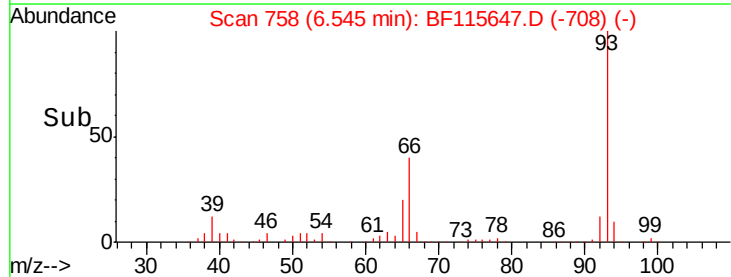
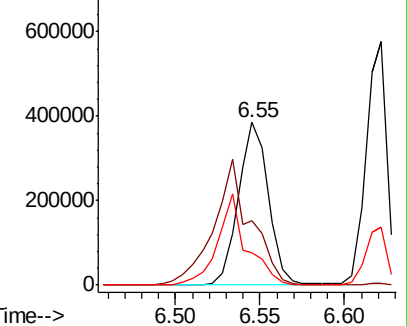
65 20.1 16.2 24.2

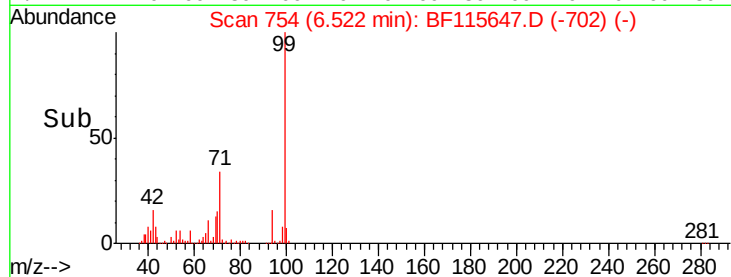
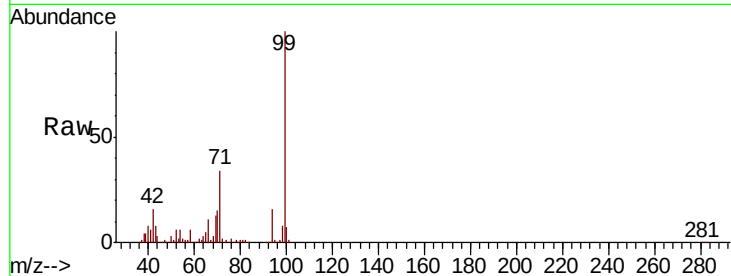
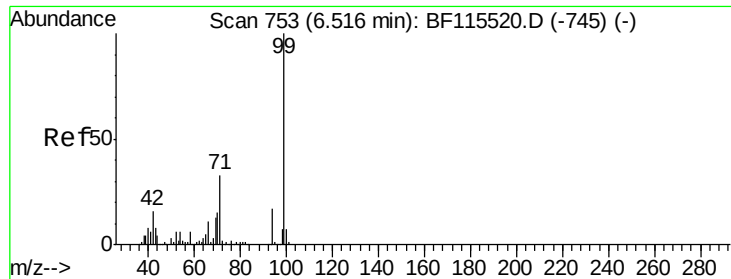


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 103.457 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Tot Ion: 99 Resp: 1595374

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

71 33.7 28.5 42.7

Instrument :

BNA_F

ClientSampleId :

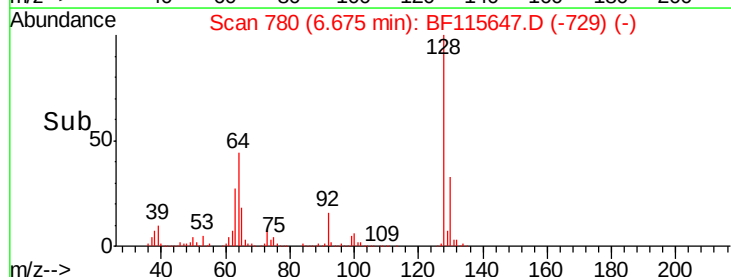
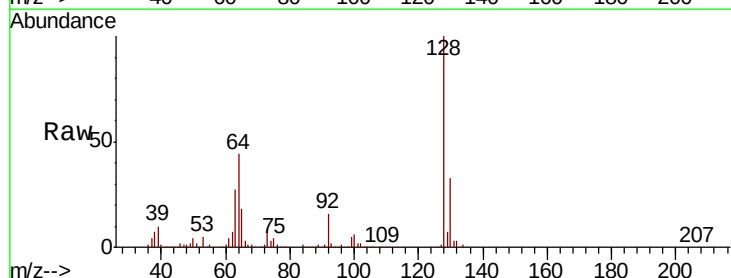
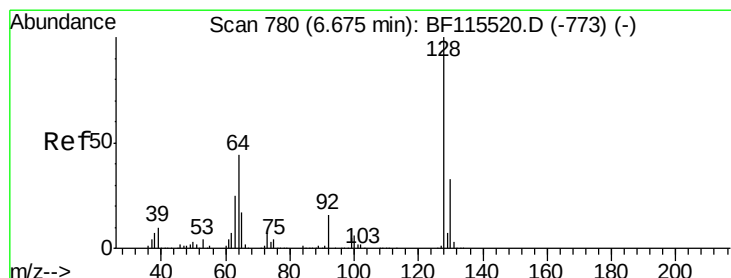
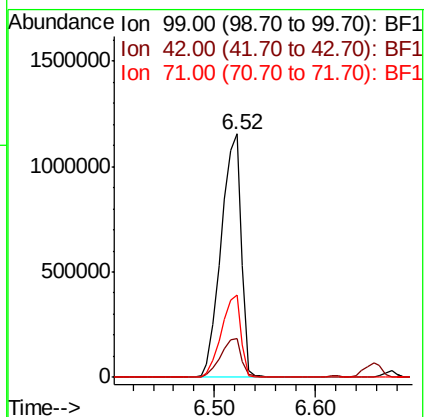
PB121479BS

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#8

2-Chlorophenol

Concen: 36.775 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

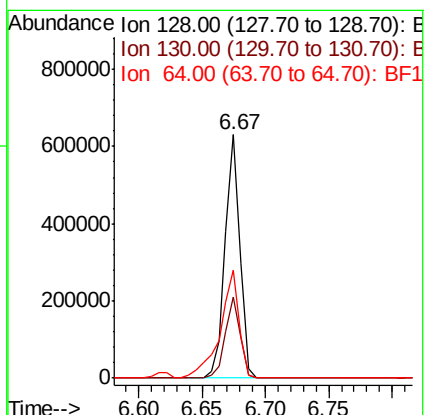
Tgt Ion: 128 Resp: 513834

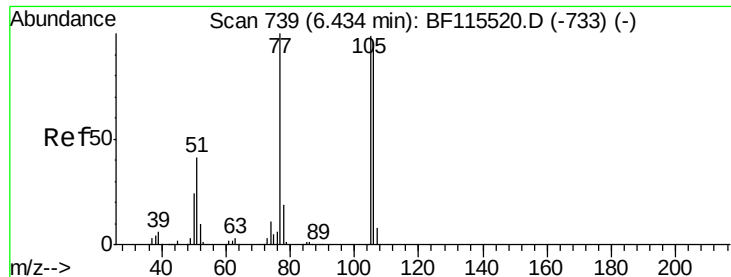
Ion Ratio Lower Upper

128 100

130 33.0 12.8 52.8

64 44.3 26.8 66.8





#9

Benzaldehyde

Concen: 4.968 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

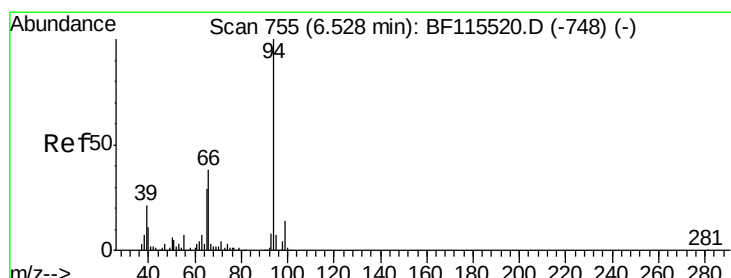
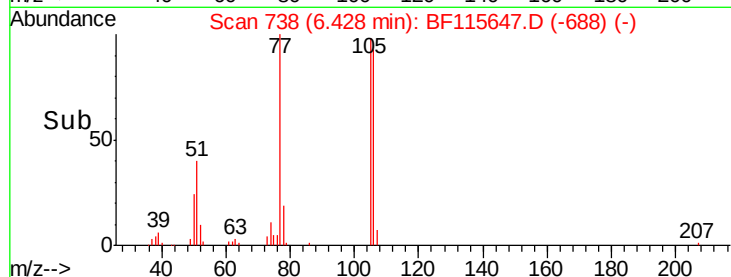
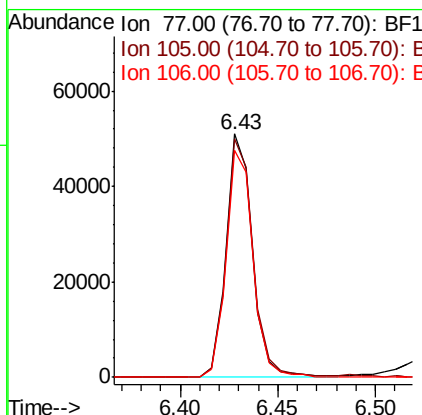
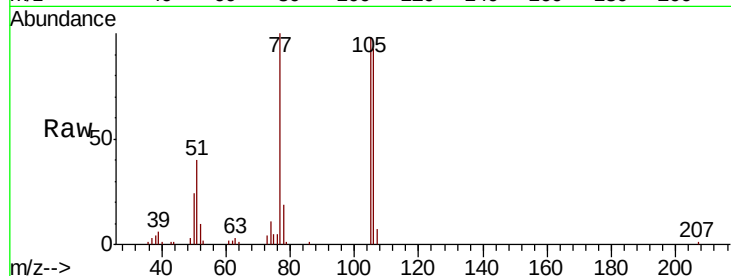
ClientSampleId :

PB121479BS

Tot Ion:	77	Resp:	47870
Ion	Ratio	Lower	Upper
77	100		
105	97.8	78.8	118.8
106	93.4	75.6	115.6

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#10

Phenol

Concen: 34.618 ng

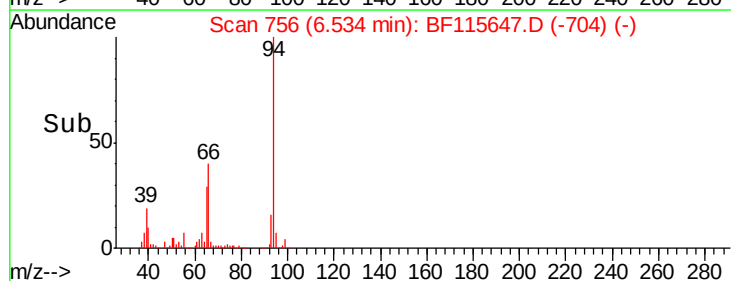
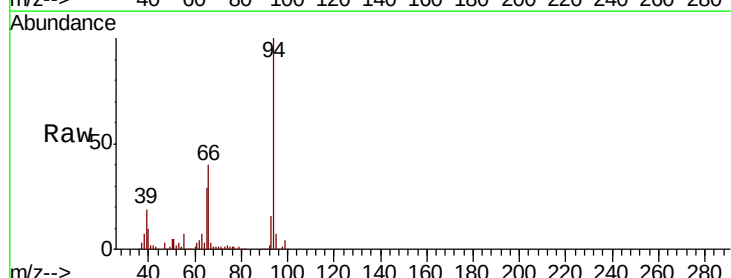
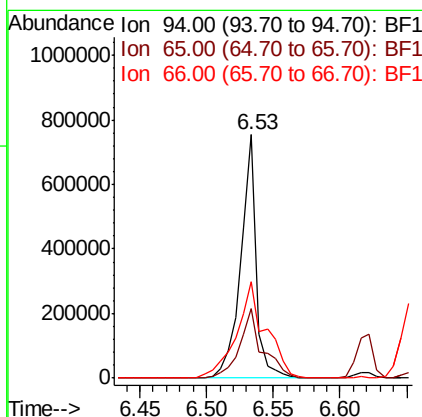
RT: 6.53 min Scan# 756

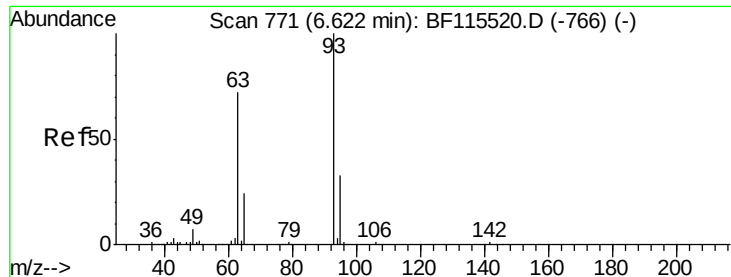
Delta R.T. 0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Tgt Ion:	94	Resp:	619704
Ion	Ratio	Lower	Upper
94	100		
65	28.7	14.5	54.5
66	39.7	31.3	71.3





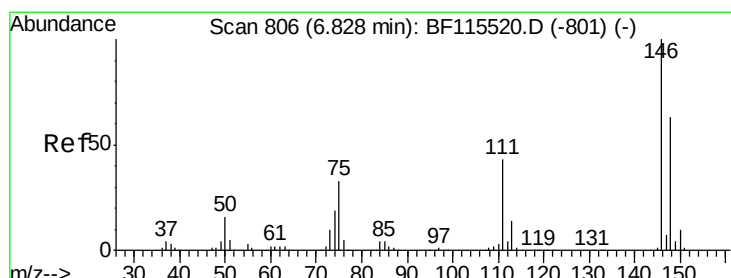
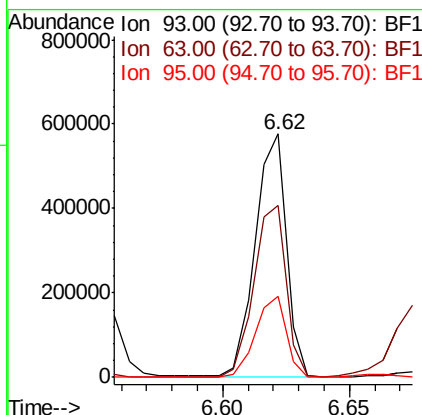
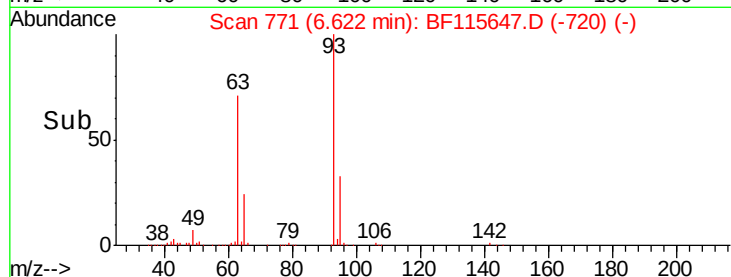
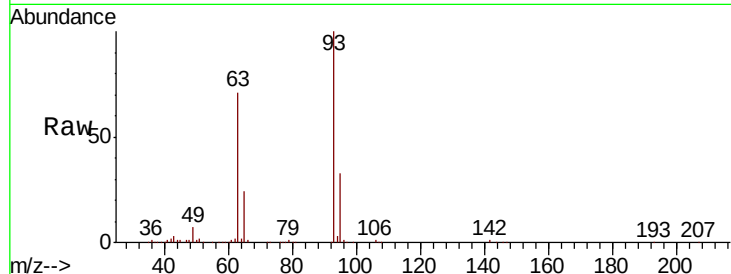
#11
bis(2-Chloroethyl)ether
Concen: 36.389 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion:	93	Resp:	495952
Ion	Ratio	Lower	Upper
93	100		
63	70.6	52.2	92.2
95	33.4	12.9	52.9

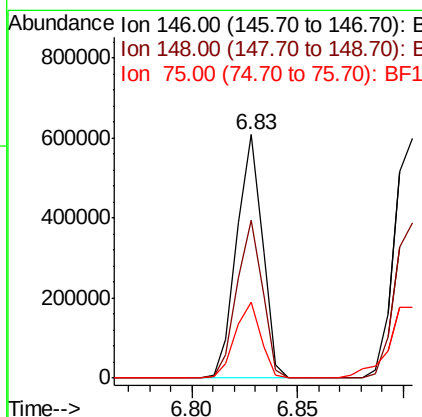
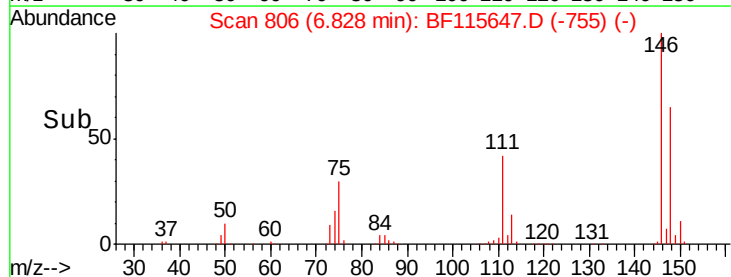
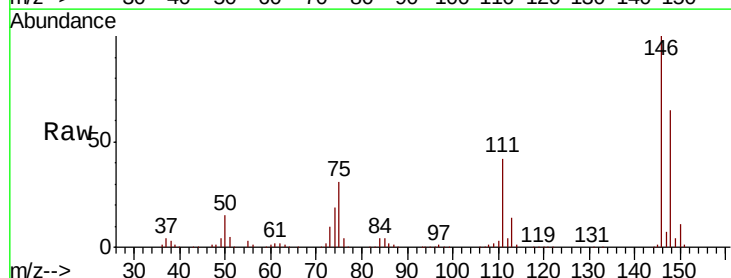
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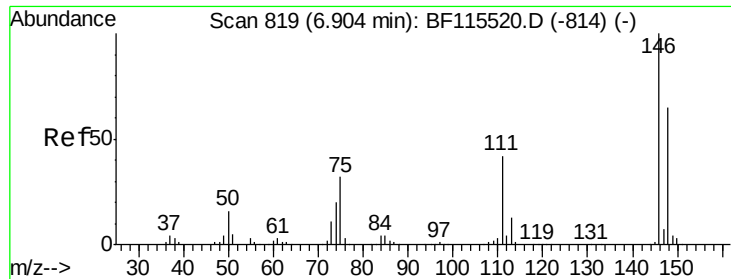
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.660 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion:	146	Resp:	513066
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	31.3	24.9	37.3





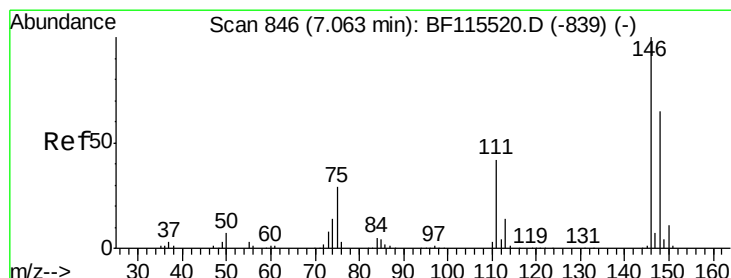
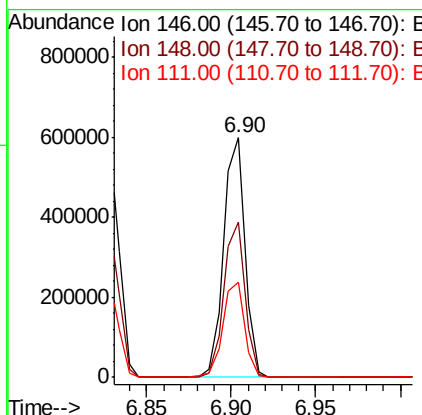
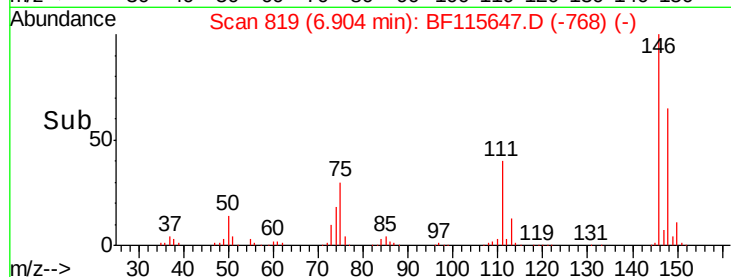
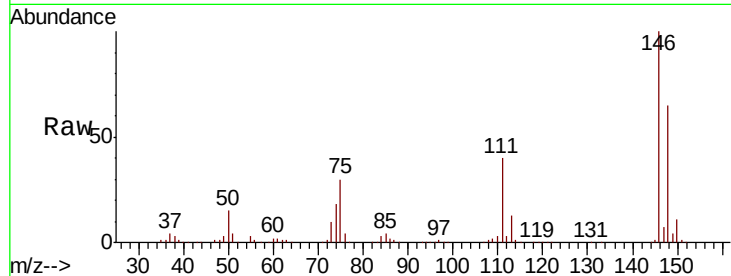
#13
 1,4-Dichlorobenzene
 Concen: 33.606 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	39.7	35.5	53.3

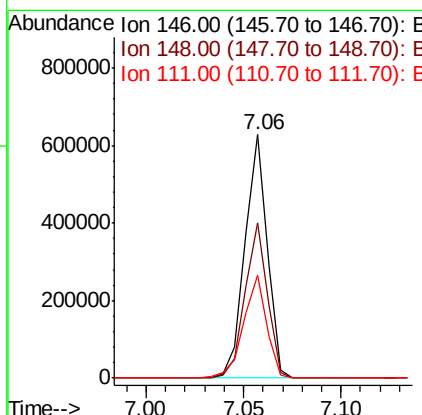
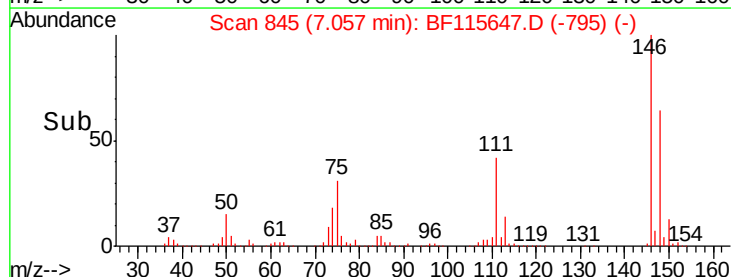
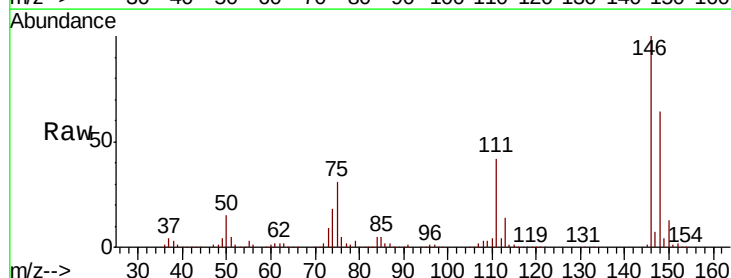
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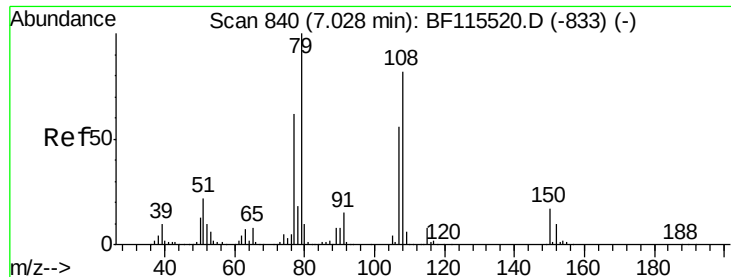
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 34.741 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	42.3	37.6	56.4





#15

Benzyl Alcohol

Concen: 36.135 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

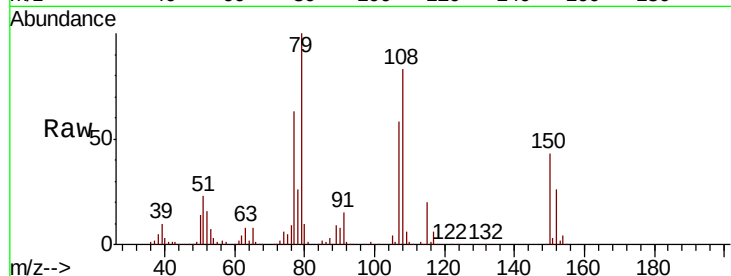
ClientSampleId :

PB121479BS

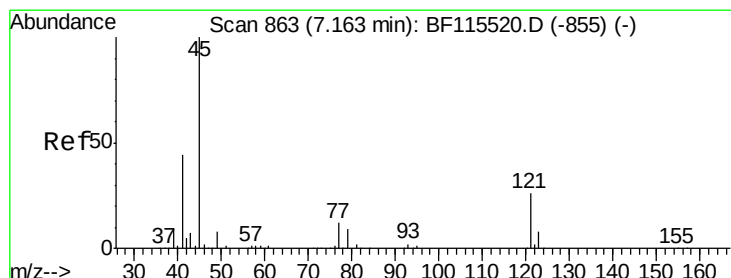
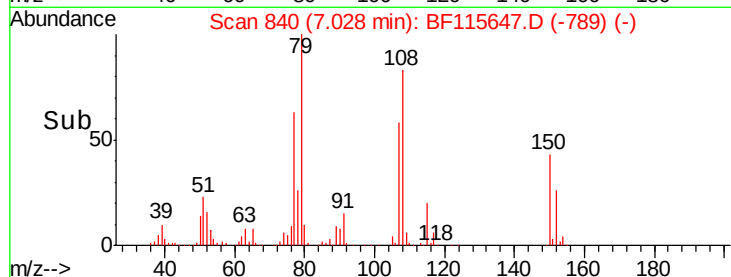
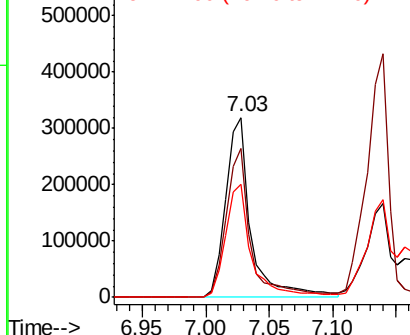
Tot Ion:	79	Resp:	442029
Ion	Ratio	Lower	Upper
79	100		
108	82.7	64.2	96.4
77	63.0	51.8	77.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.610 ng

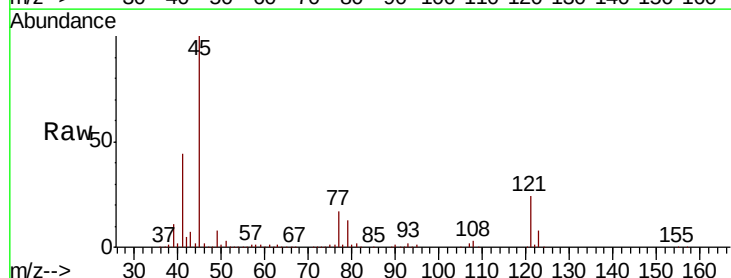
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

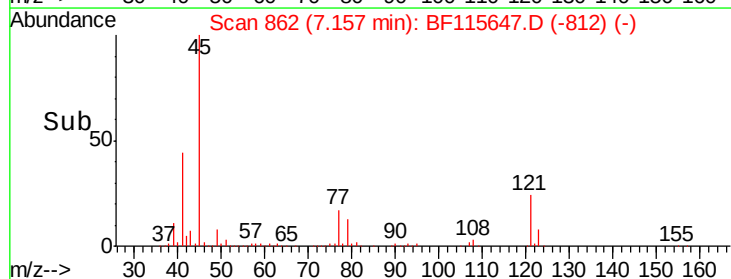
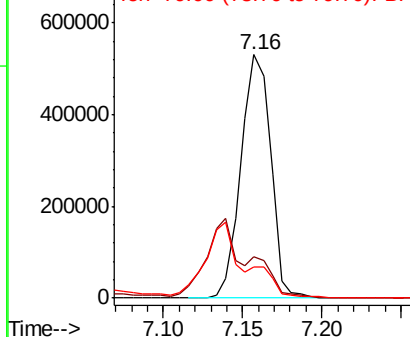
Lab File: BF115647.D

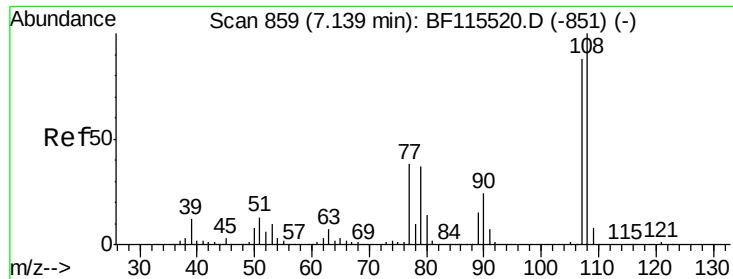
Acq: 18 Jul 2019 15:05

Tgt Ion:	45	Resp:	692781
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	38.1
79	12.8	0.0	34.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





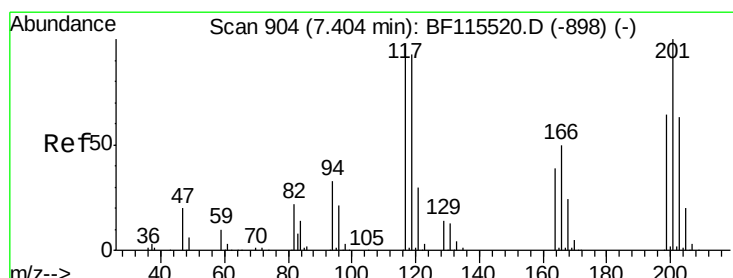
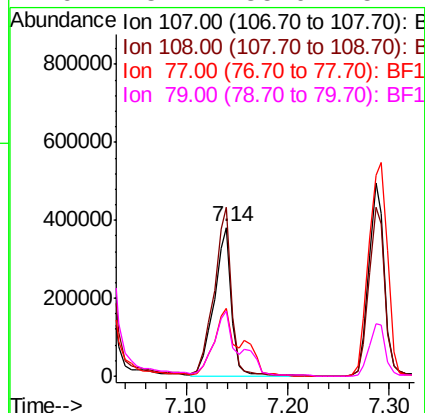
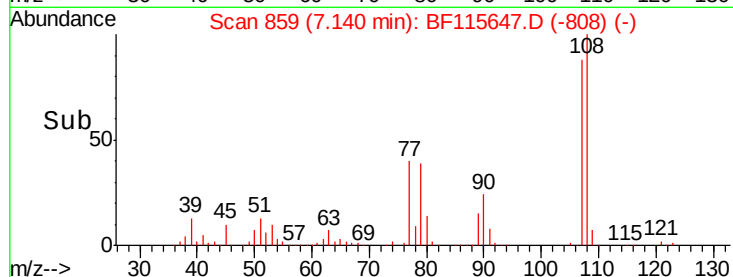
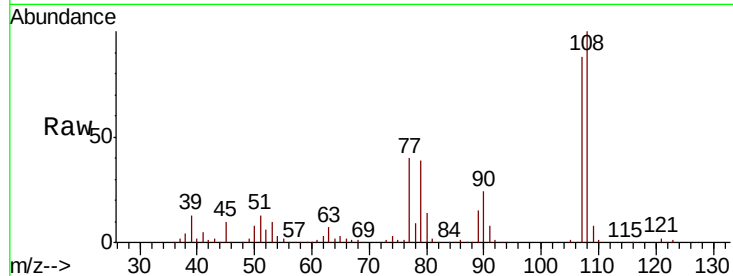
#17
2-Methylphenol
Concen: 38.045 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	458104		
108	108	113.4	89.4	134.2	
77	77	45.4	35.7	53.5	
79	79	43.7	35.0	52.4	

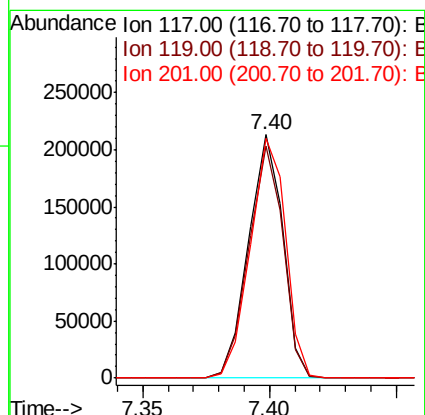
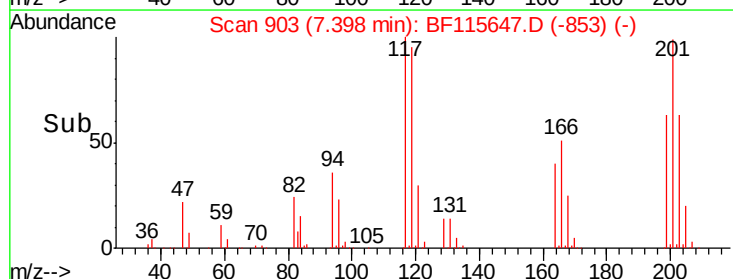
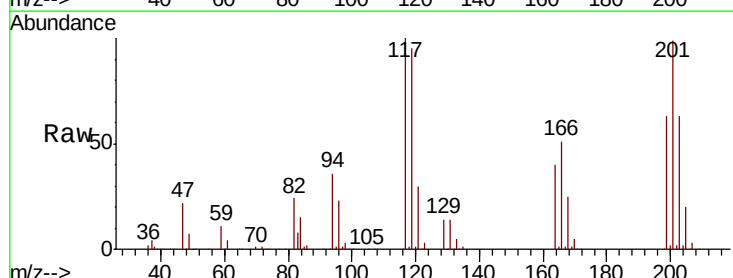
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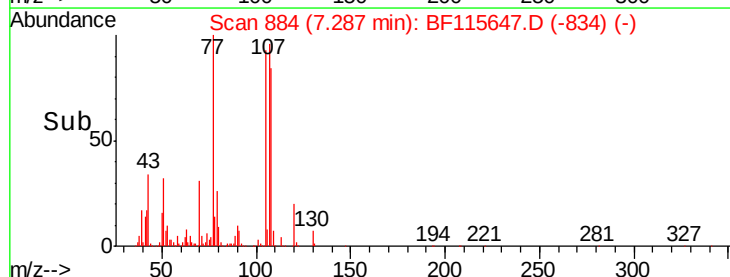
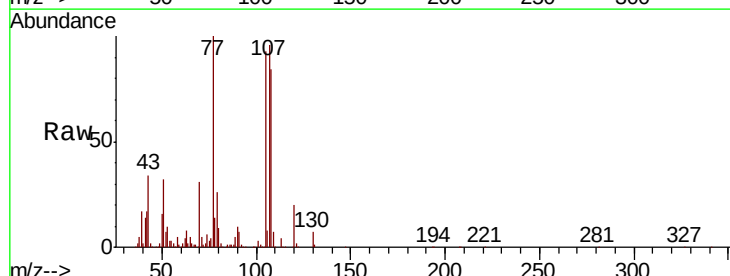
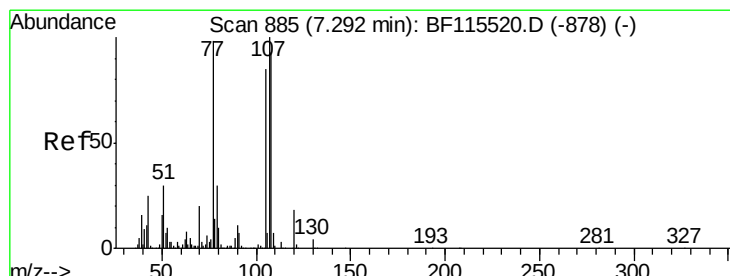
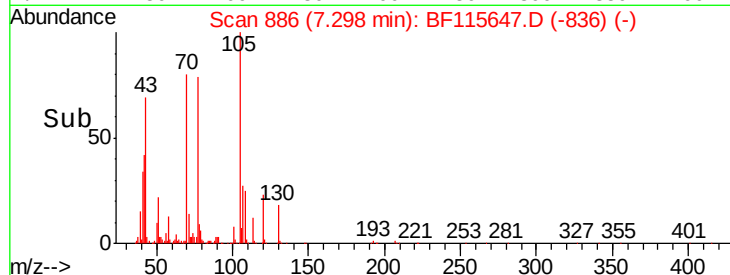
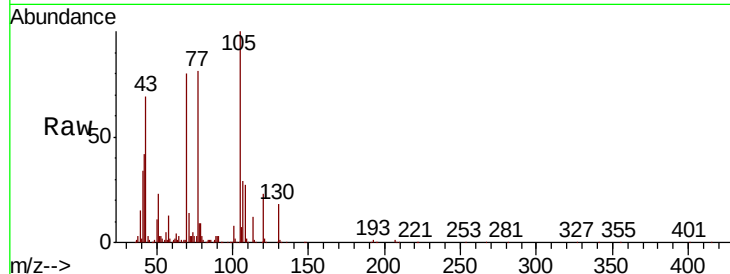
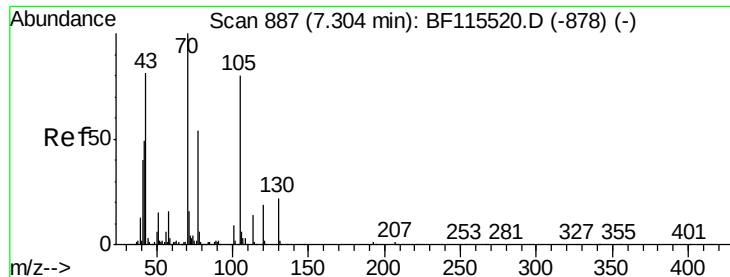
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#18
Hexachloroethane
Concen: 34.607 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

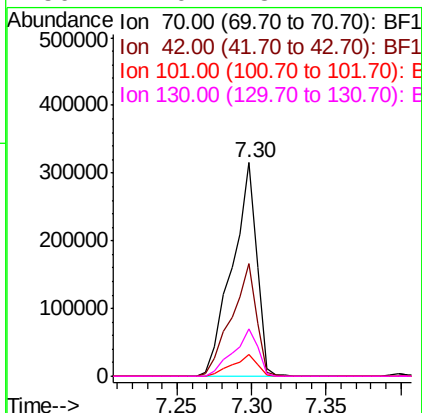
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	201337		
119	119	95.3	77.7	116.5	
201	201	98.5	86.0	129.0	





#19
n-Nitroso-di-n-propylamine
Concen: 36.410 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.5	39.6	59.4		
101	10.0	8.1	12.1		
130	22.0	18.2	27.2		



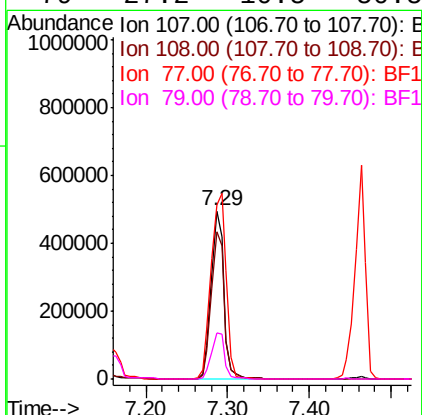
Instrument :
BNA_F
ClientSampleId :
PB121479BS

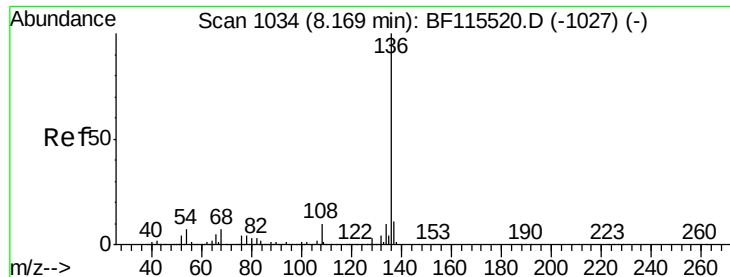
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#20
3+4-Methylphenols
Concen: 37.448 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	72.9	112.9		
77	103.7	77.6	117.6		
79	27.2	10.5	50.5		





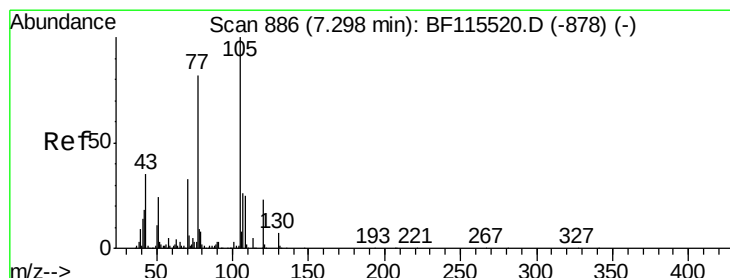
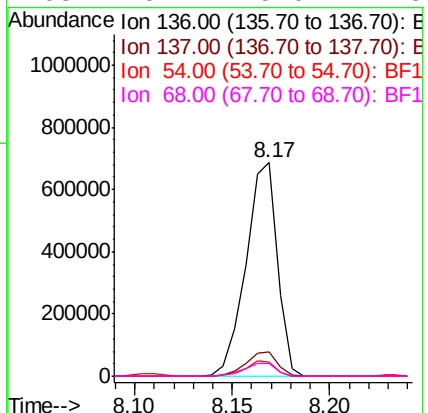
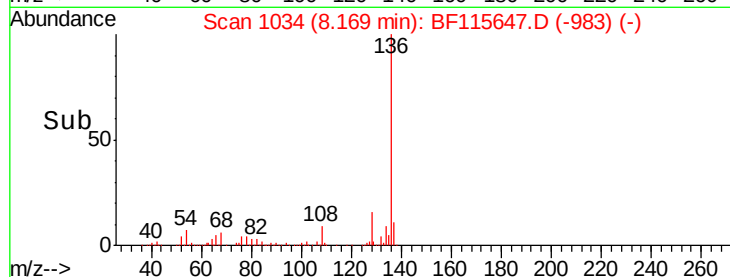
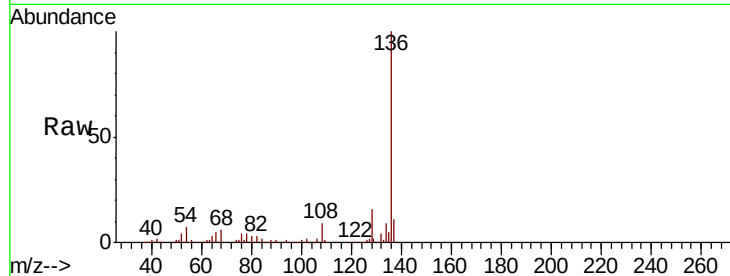
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.5	5.6	8.4
68	6.2	5.0	7.6

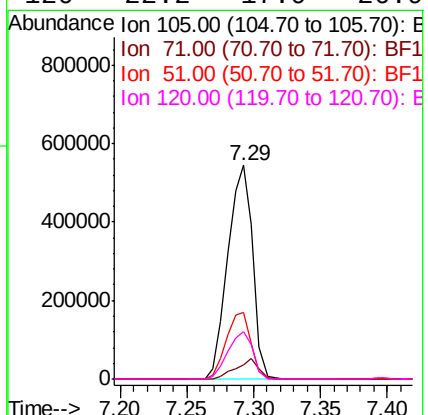
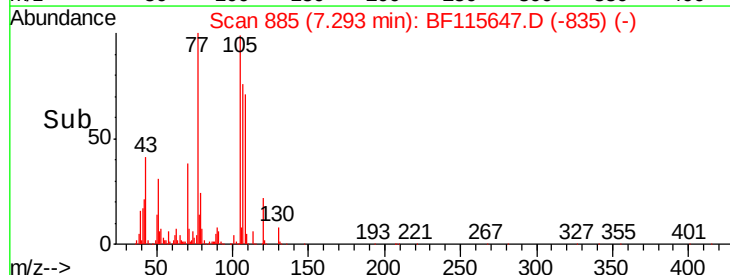
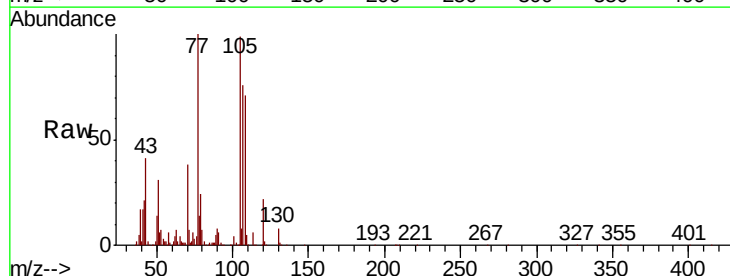
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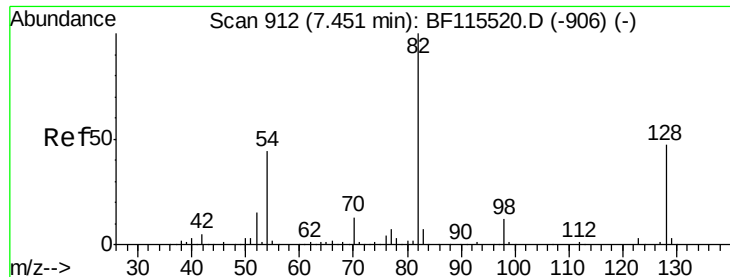
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#22
Acetophenone
Concen: 40.978 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.5	5.3#
51	31.0	25.6	38.4
120	22.2	17.9	26.9





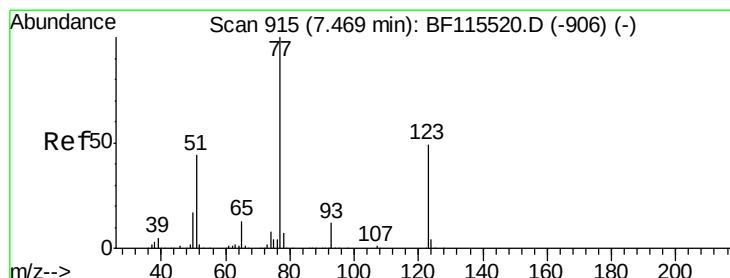
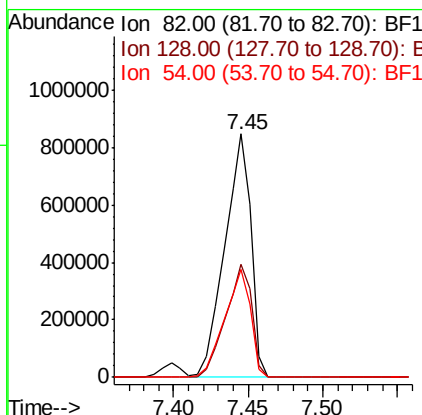
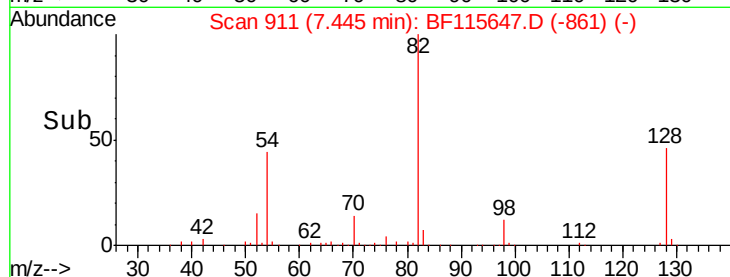
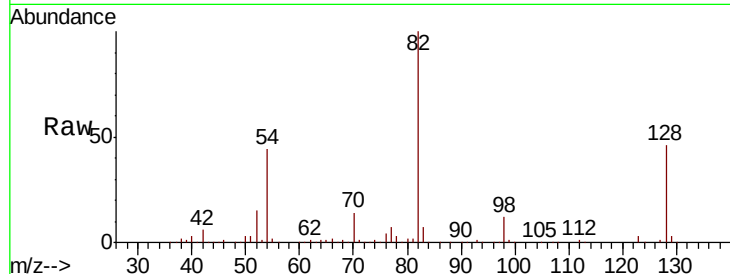
#23
 Nitrobenzene-d5
 Concen: 79.212 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	82	Resp	1045541
Ion Ratio	100	Lower	Upper
128	46.3	38.6	57.8
54	44.4	35.6	53.4

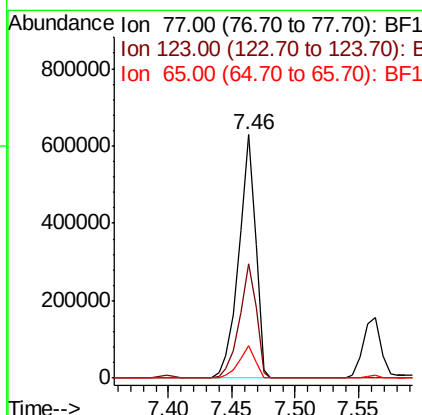
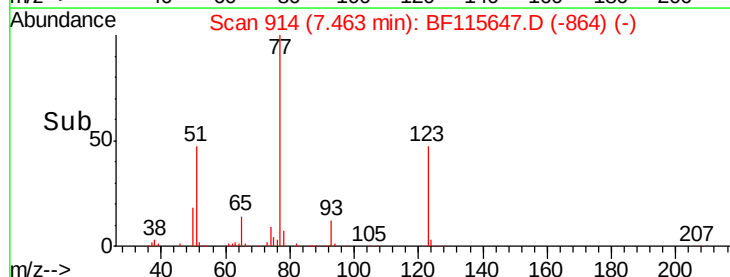
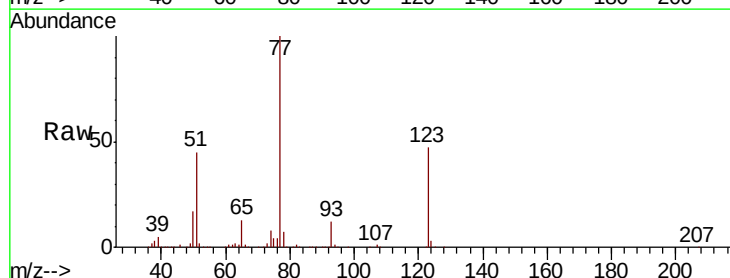
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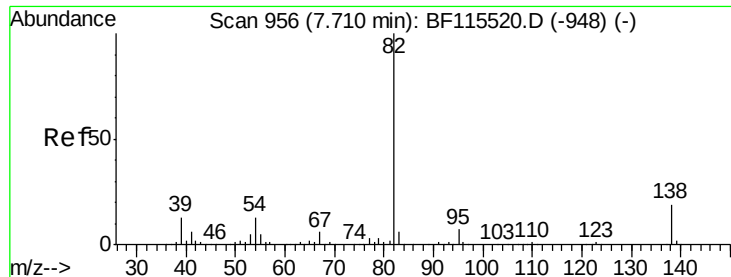
mohammad
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#24
 Nitrobenzene
 Concen: 40.101 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	77	Resp	570892
Ion Ratio	100	Lower	Upper
123	46.8	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 40.265 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB121479BS

Tot Ion: 82 Resp: 1063480

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

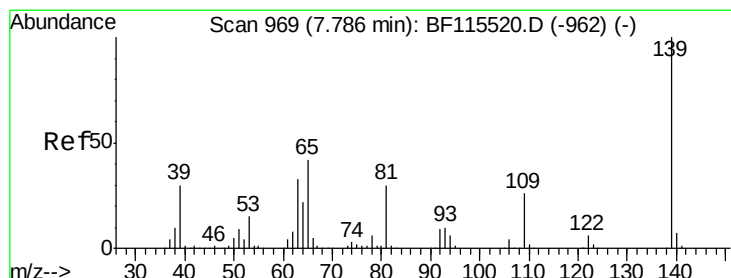
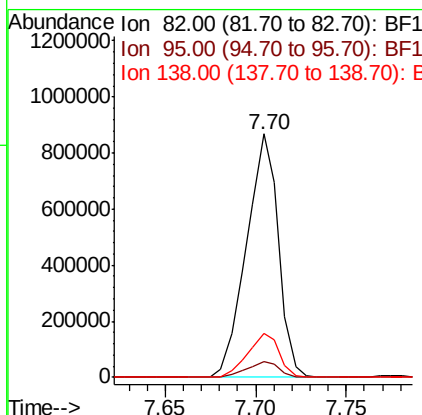
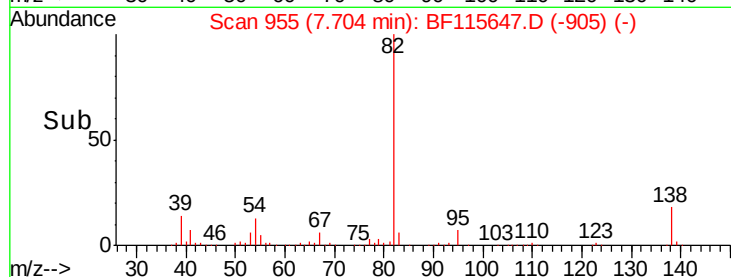
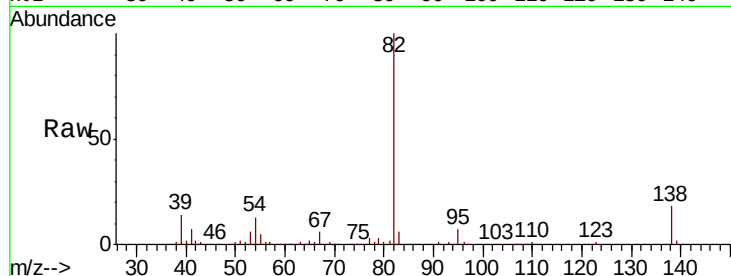
138 17.8 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.546 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

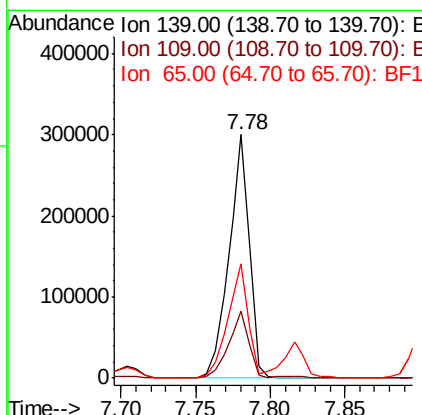
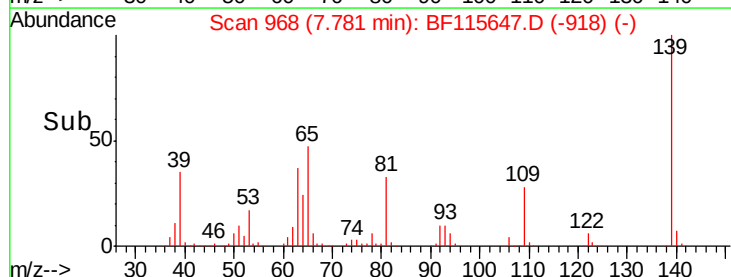
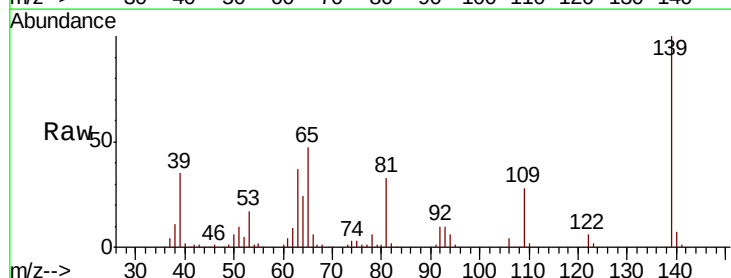
Tgt Ion: 139 Resp: 289786

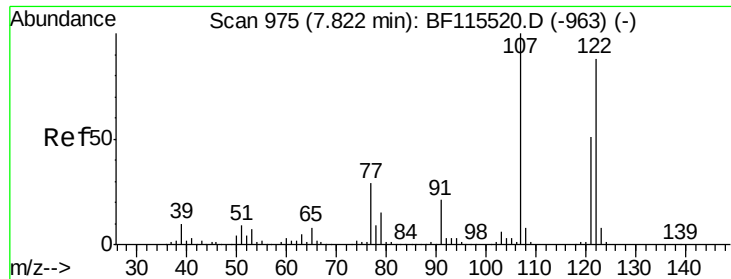
Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

65 46.9 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 45.780 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

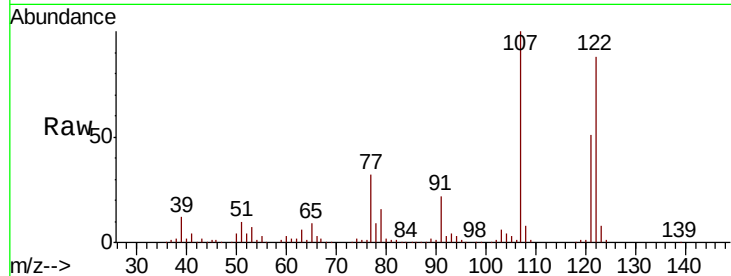
ClientSampleId :

PB121479BS

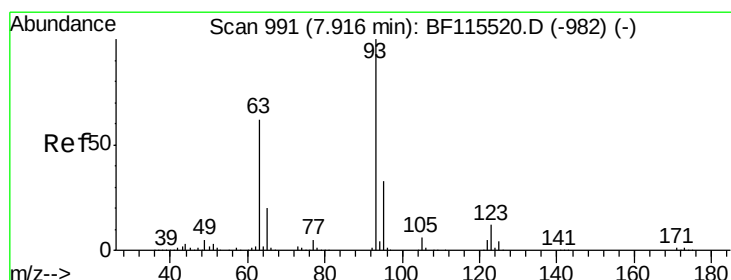
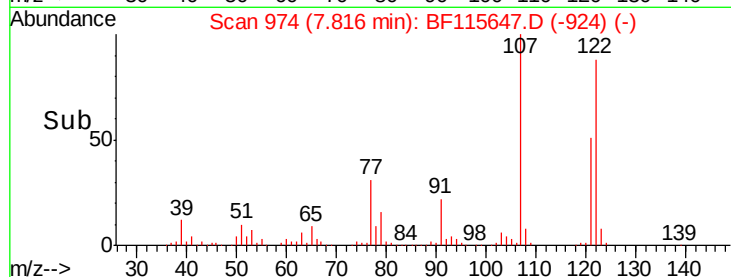
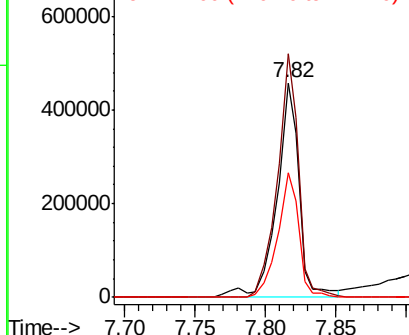
Tot Ion:	122	Resp:	501933
Ion Ratio	Lower	Upper	
122	100		
107	113.6	92.9	139.3
121	58.2	46.9	70.3

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7/19/2019 3:58:19 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.341 ng

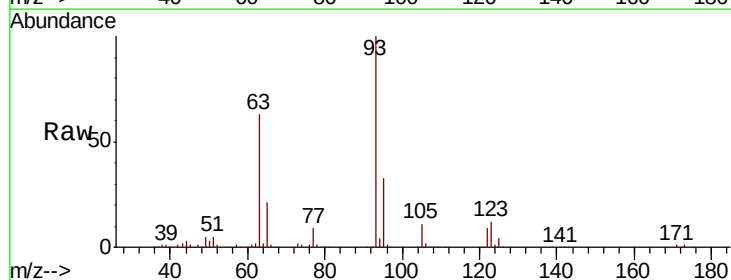
RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

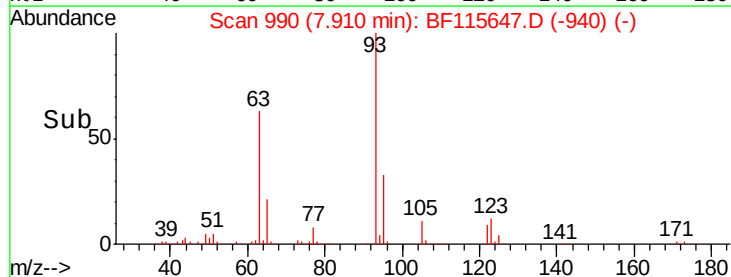
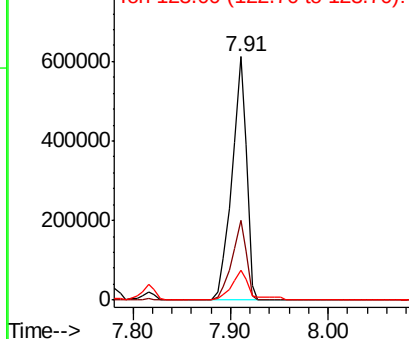
Lab File: BF115647.D

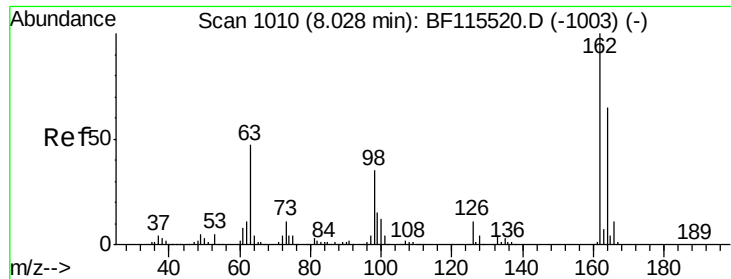
Acq: 18 Jul 2019 15:05

Tgt Ion:	93	Resp:	637454
Ion Ratio	Lower	Upper	
93	100		
95	32.7	27.0	40.4
123	12.2	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





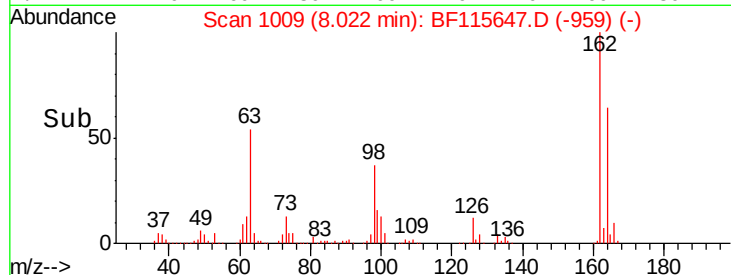
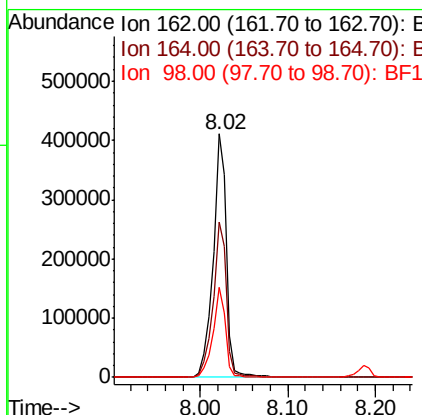
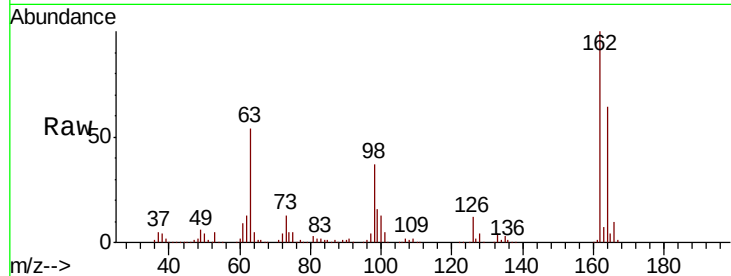
#29
 2,4-Dichlorophenol
 Concen: 37.982 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampled :
 PB121479BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	433095		
164	63.7	44.9	84.9	
98	36.9	17.7	57.7	

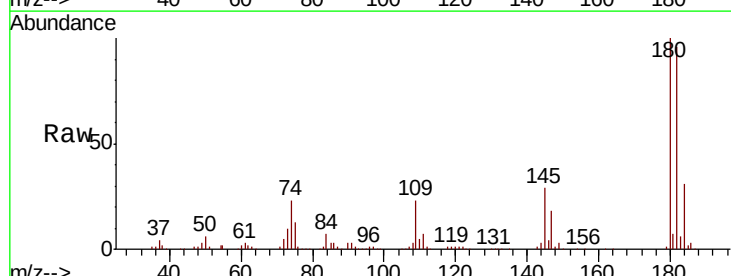
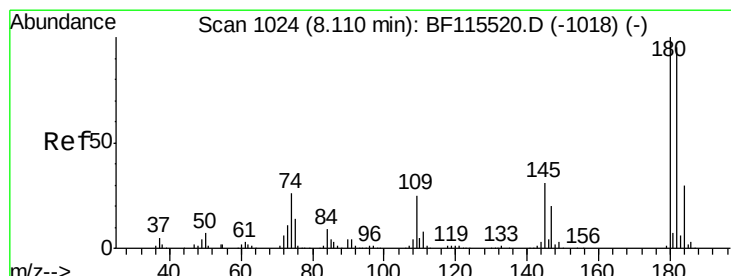
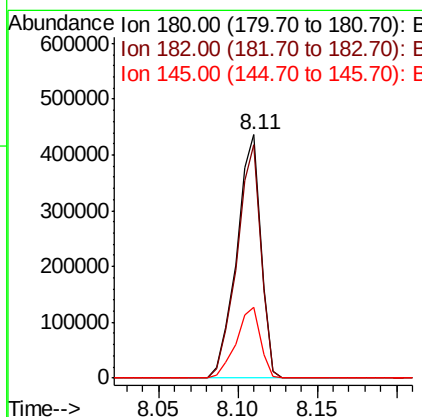
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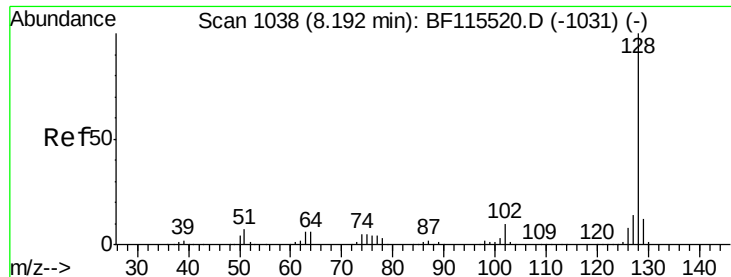
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.641 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	459381		
182	95.8	75.0	112.6	
145	29.1	25.1	37.7	





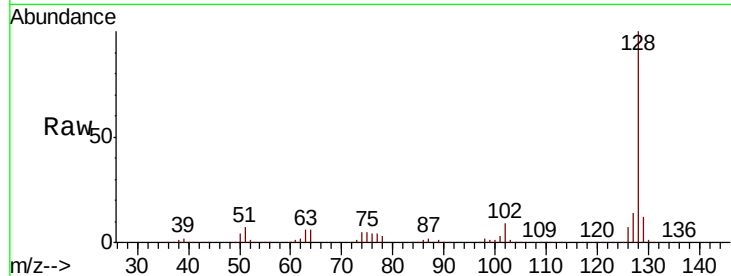
#31
Naphthalene
Concen: 38.446 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

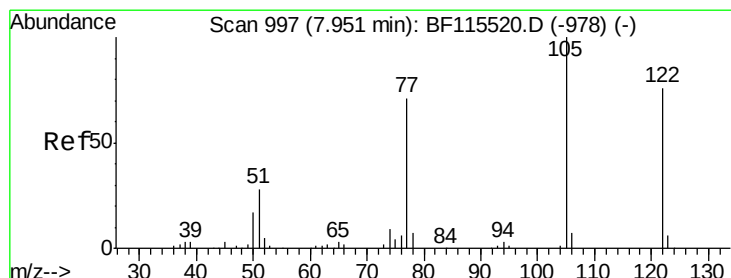
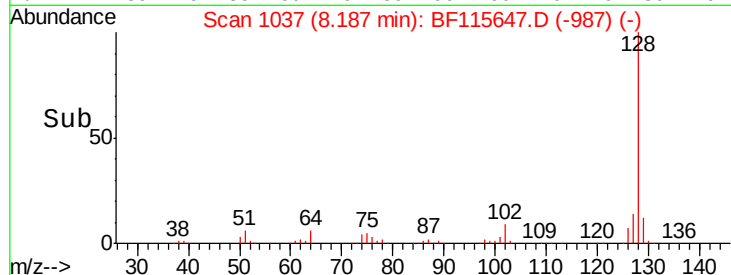
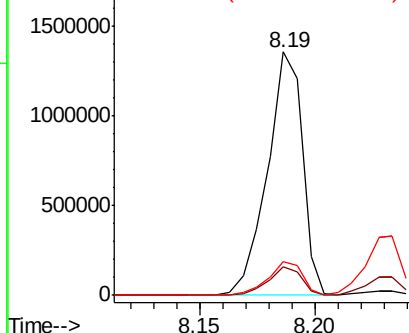
Tot Ion:128 Resp: 1429036
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.7 12.1 18.1

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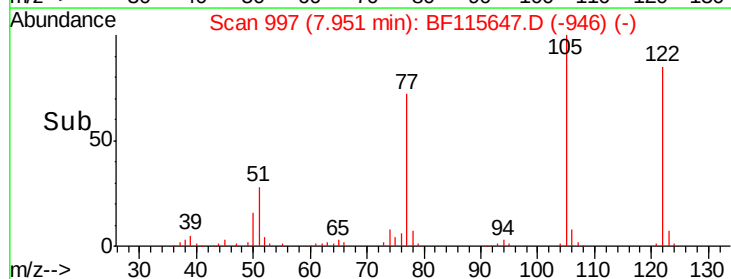
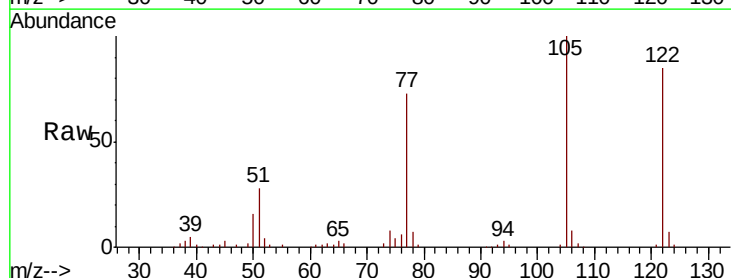
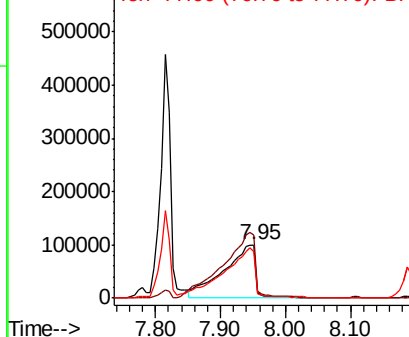
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

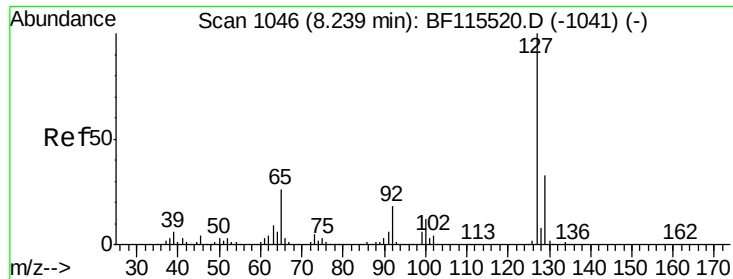


#32
Benzoic acid
Concen: 38.091 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion:122 Resp: 342740
Ion Ratio Lower Upper
122 100
105 118.1 102.5 142.5
77 86.3 70.2 110.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





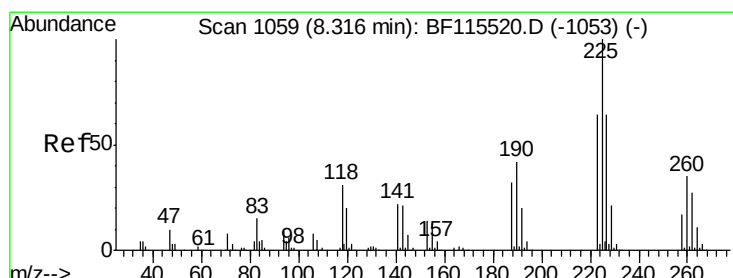
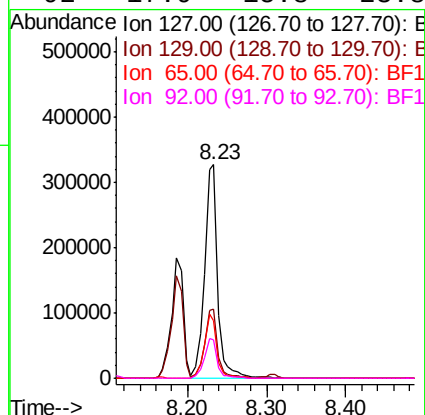
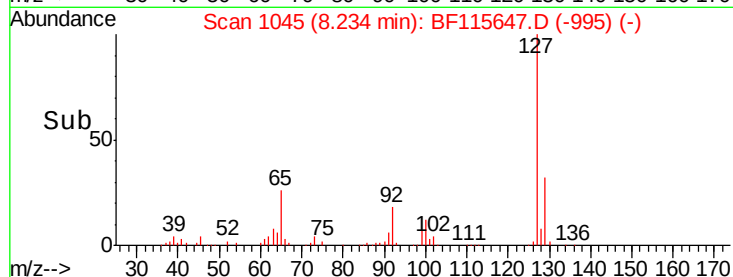
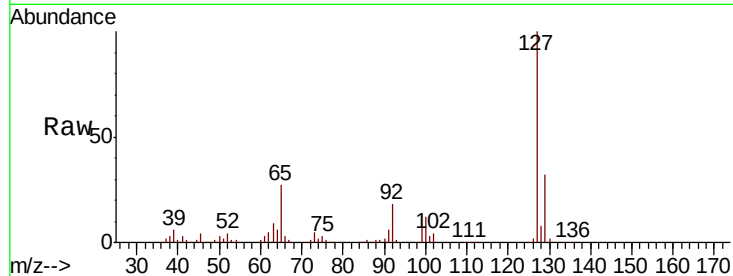
#33
4-Chloroaniline
Concen: 23.149 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.6	39.8		
65	26.9	23.7	35.5		
92	17.9	15.8	23.8		

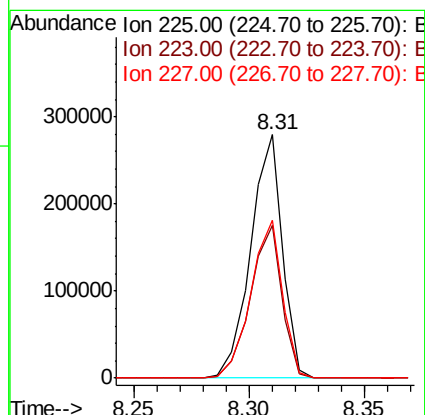
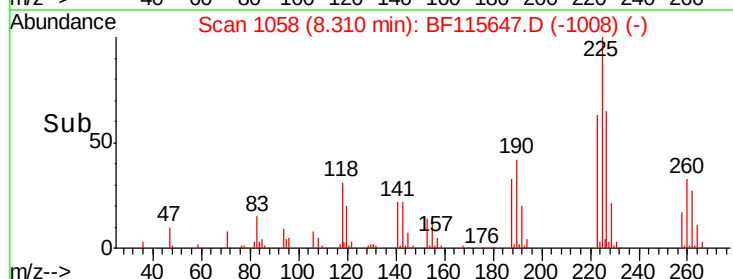
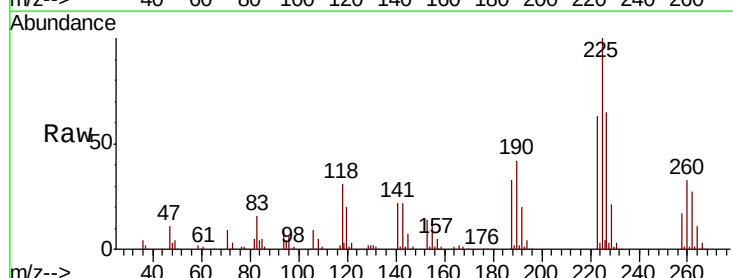
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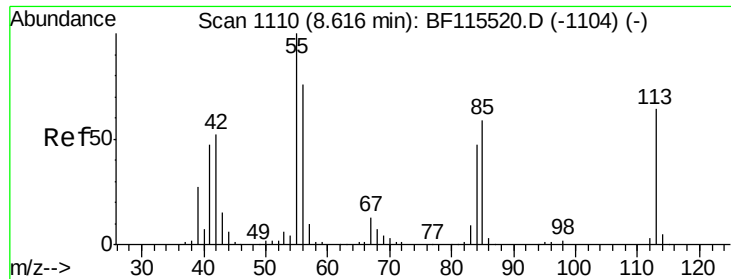
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#34
Hexachlorobutadiene
Concen: 36.273 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.9	76.3		
227	64.9	50.7	76.1		





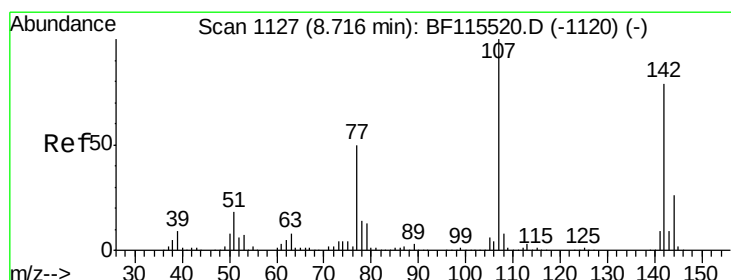
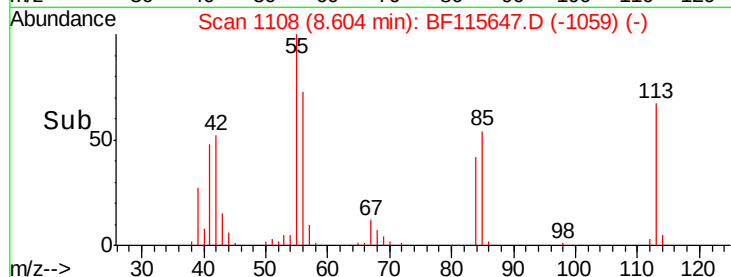
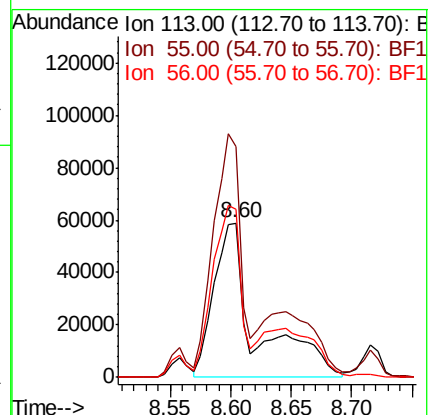
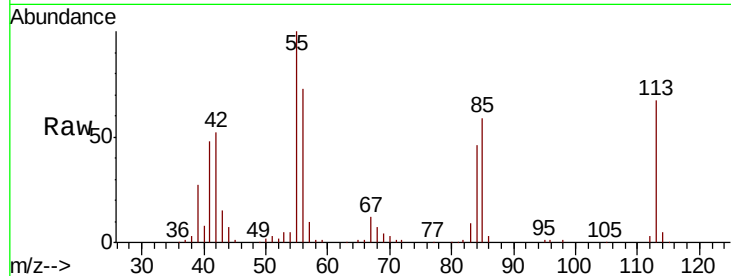
#35
Caprolactam
Concen: 40.339 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.4	126.9	166.9
56	108.8	90.3	130.3

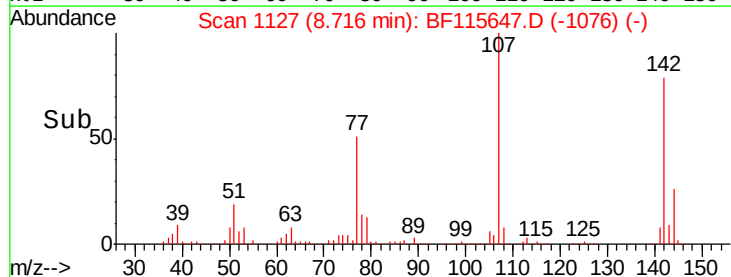
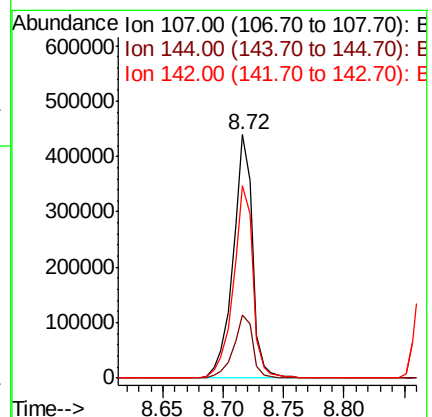
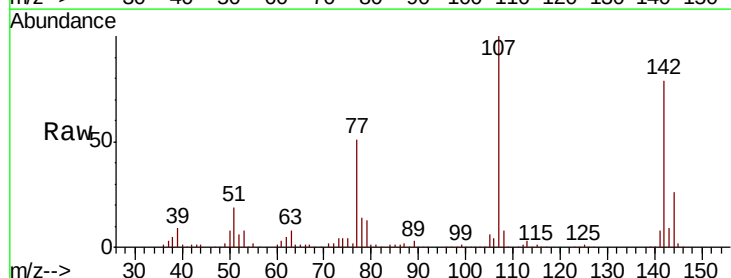
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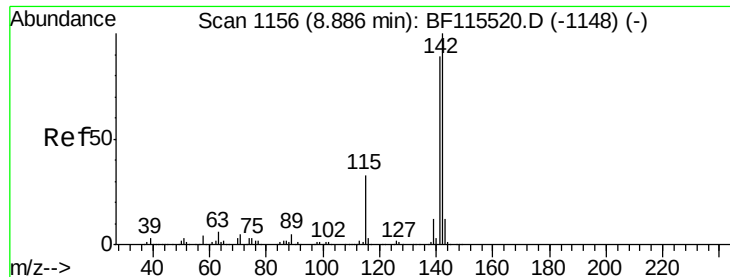
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#36
4-Chloro-3-methylphenol
Concen: 41.598 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	30.8
142	79.3	63.1	94.7





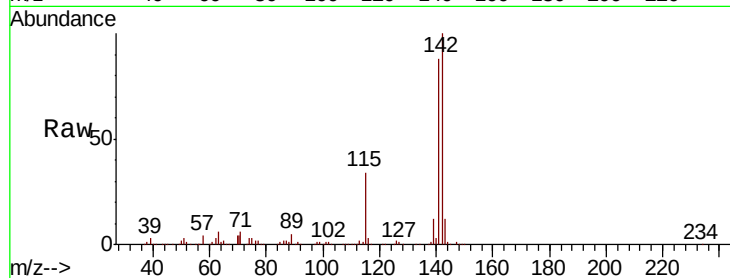
#37
2-Methylnaphthalene
Concen: 41.542 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampled :
PB121479BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0
115	33.8	29.9	44.9

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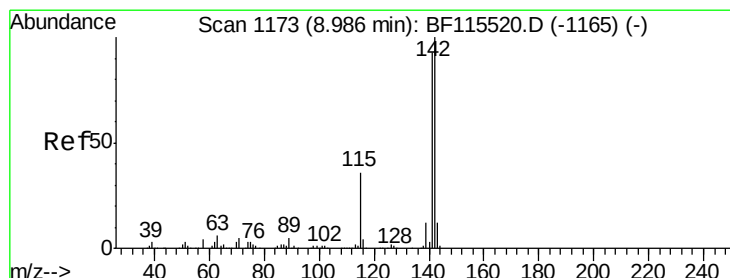
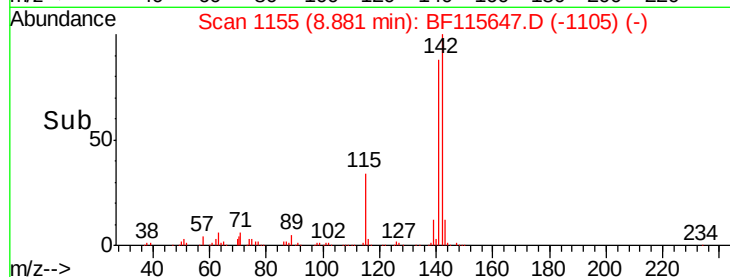
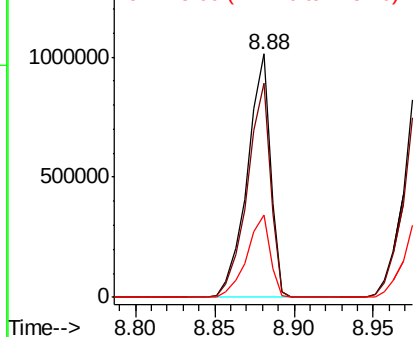


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.691 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

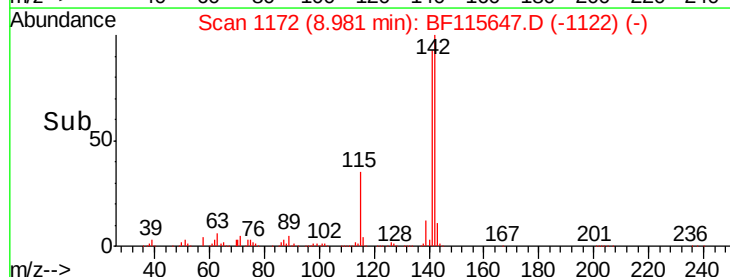
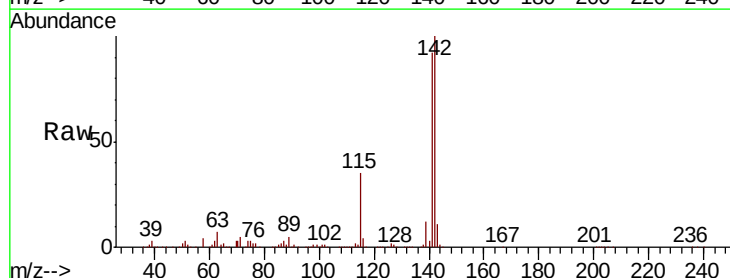
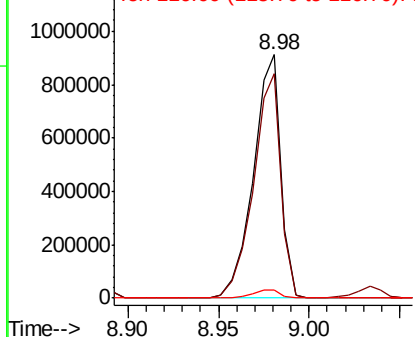
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.3	112.9
116	3.5	3.3	4.9

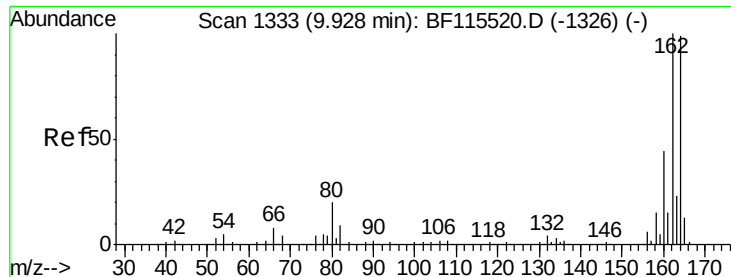
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





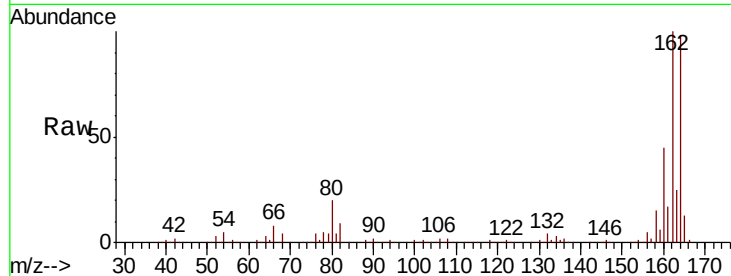
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.9	124.3
160	45.7	36.8	55.2

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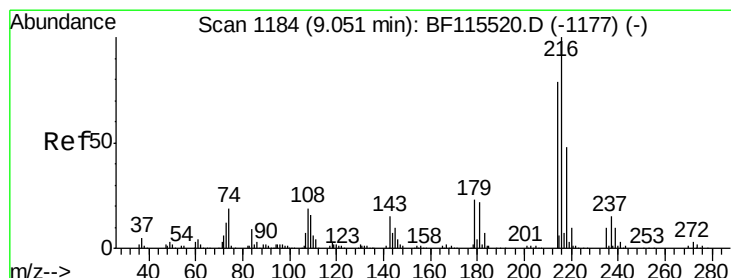
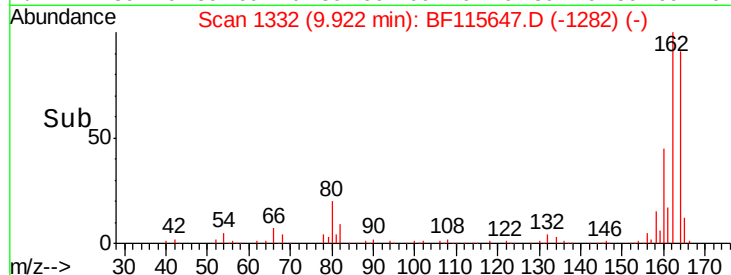
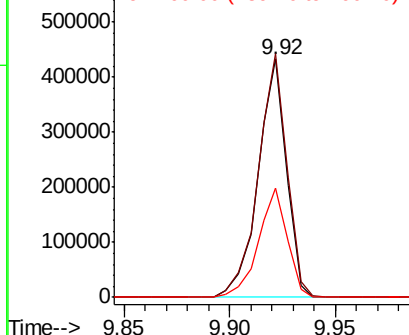


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.693 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	65.1	97.7
179	21.7	18.3	27.5
108	20.3	15.7	23.5

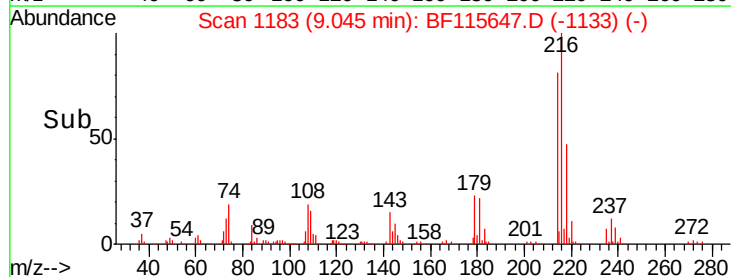
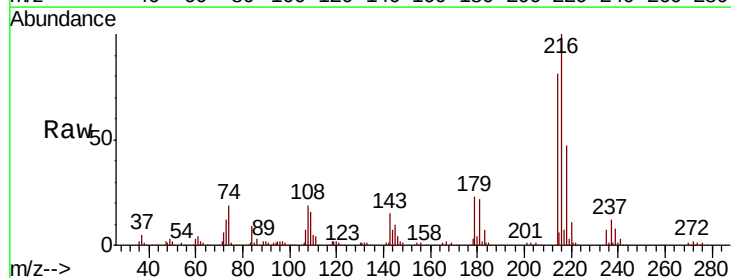
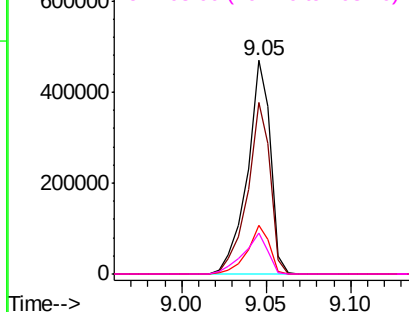
Abundance

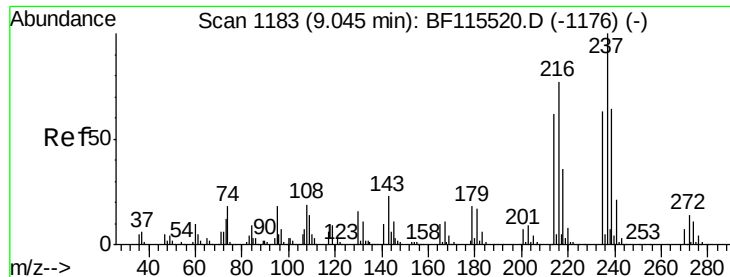
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





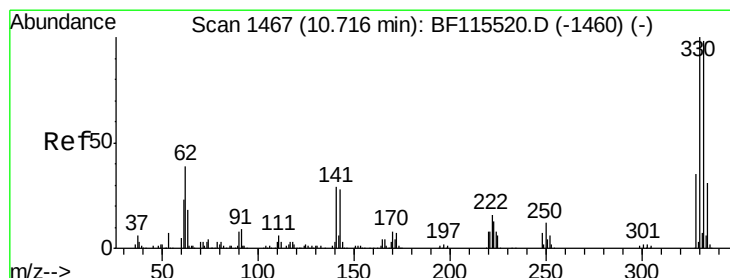
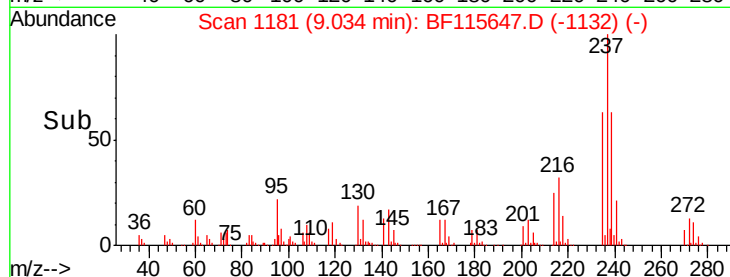
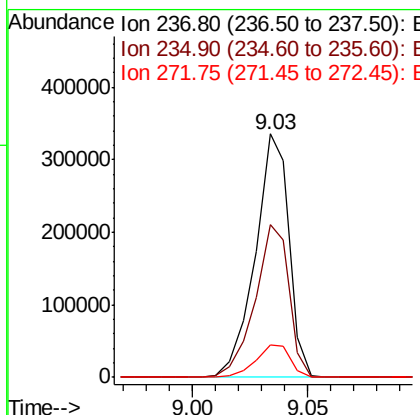
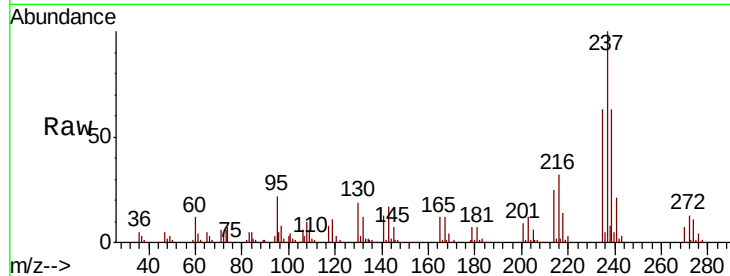
#41
Hexachlorocyclopentadiene
Concen: 49.127 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion:	237	Resp:	341461
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.6	83.6
272	13.2	0.0	33.9

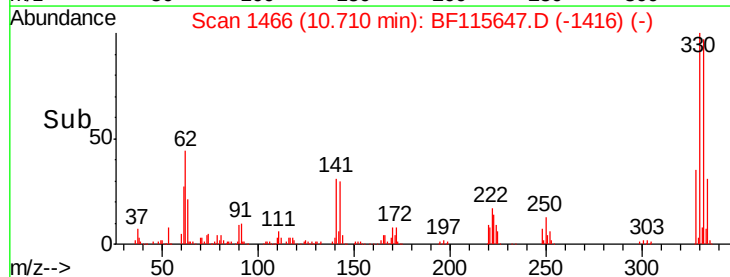
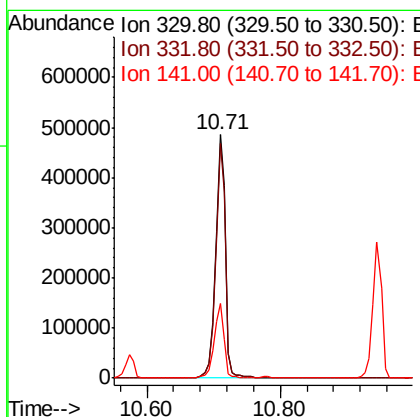
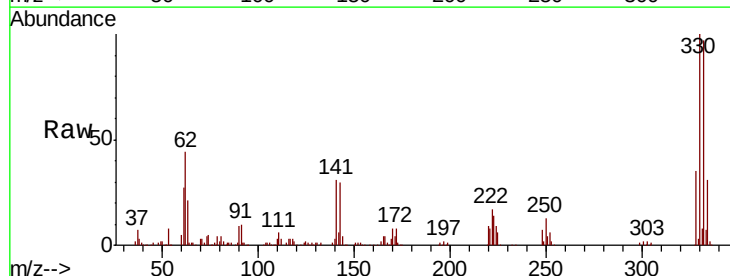
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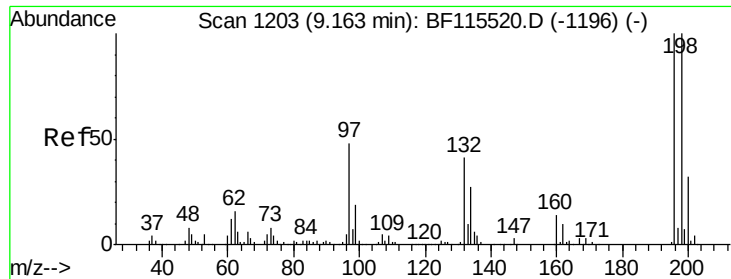
mohammad
7/19/2019 3:58:19 PM



#42
2,4,6-Tribromophenol
Concen: 105.763 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion:	330	Resp:	499516
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.4	116.2
141	31.0	22.4	33.6





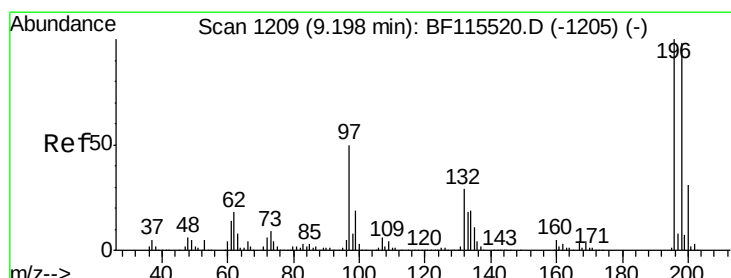
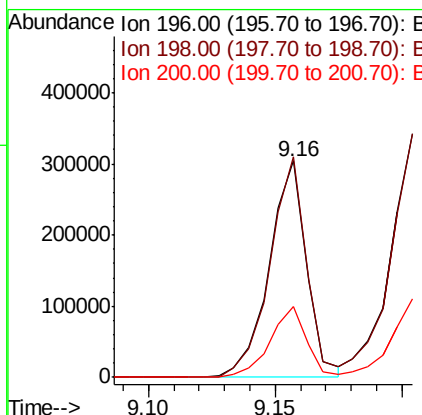
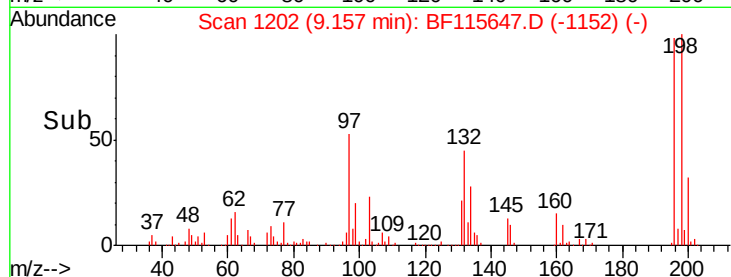
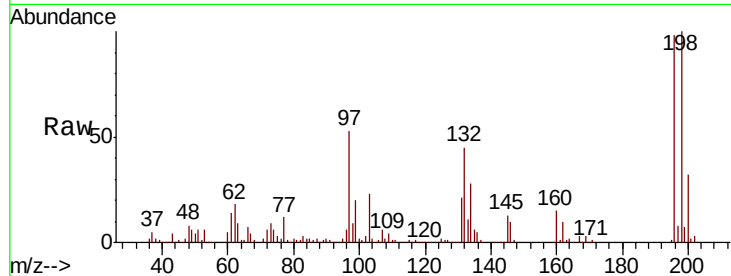
#43
 2,4,6-Trichlorophenol
 Concen: 34.912 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampled :
 PB121479BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	311090		
198	101.8	80.6	121.0	
200	32.8	25.8	38.6	

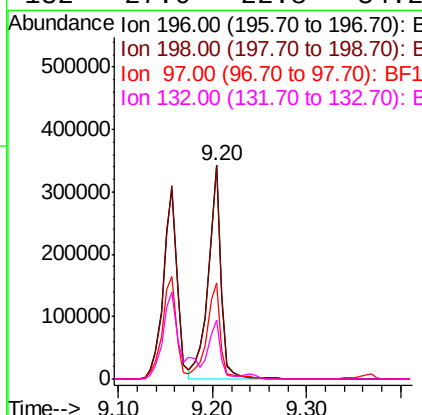
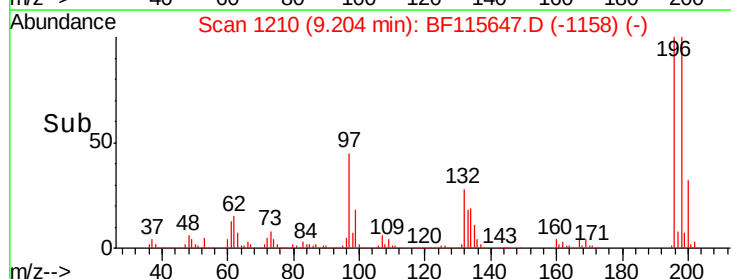
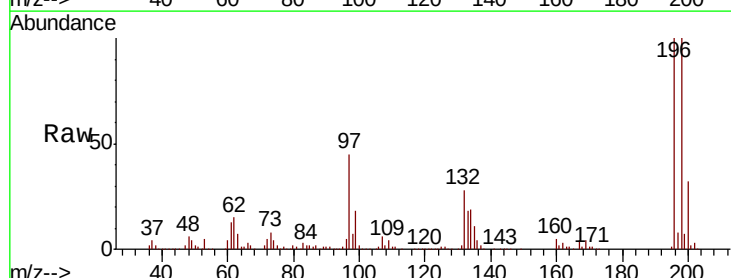
Manual Integrations
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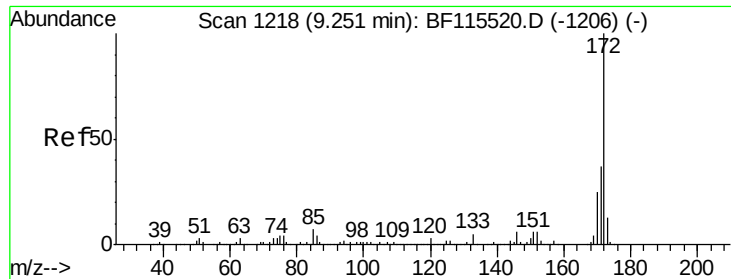
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#44
 2,4,5-Trichlorophenol
 Concen: 36.161 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	329985		
198	99.9	79.6	119.4	
97	45.0	37.8	56.6	
132	27.6	22.8	34.2	





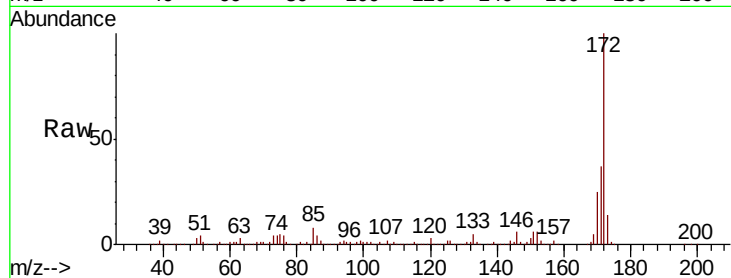
#45
2-Fluorobiphenyl
Concen: 76.985 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	25.0	20.5	30.7

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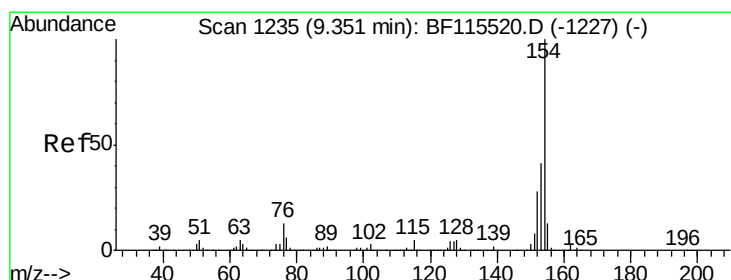
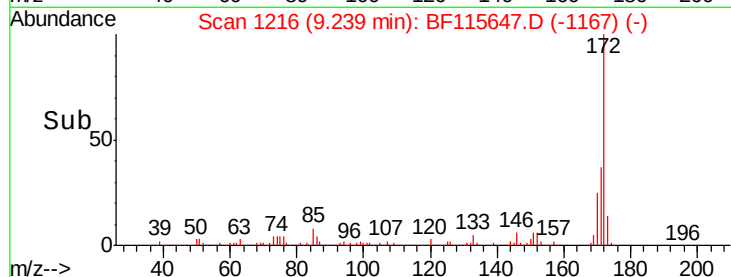
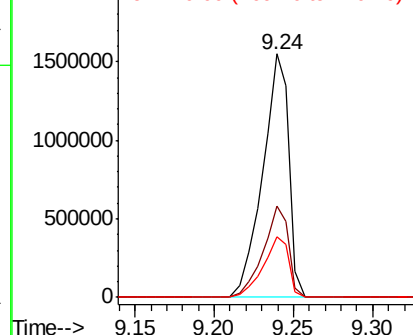


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.137 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

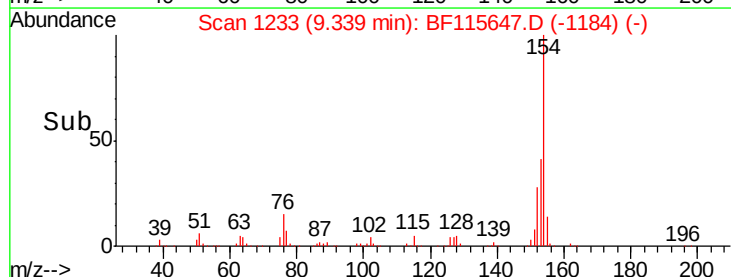
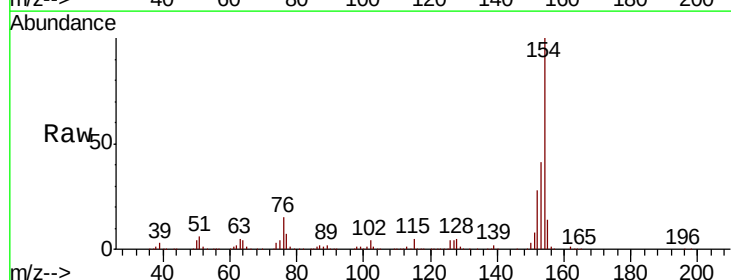
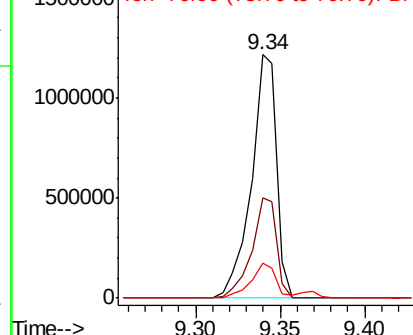
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.6	62.6
76	14.5	0.0	33.4

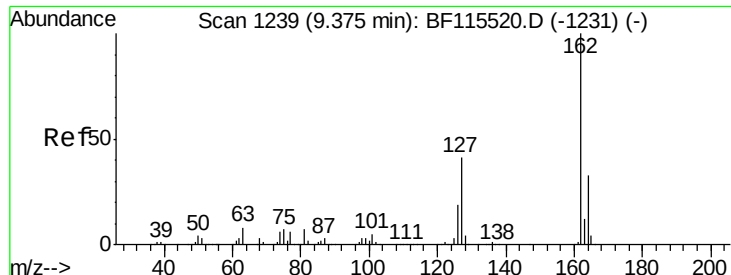
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





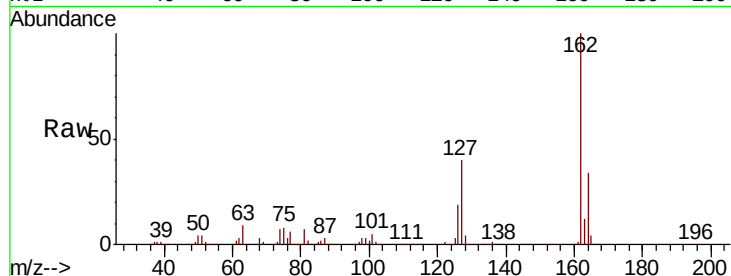
#47
2-Chloronaphthalene
Concen: 37.898 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampled :
PB121479BS

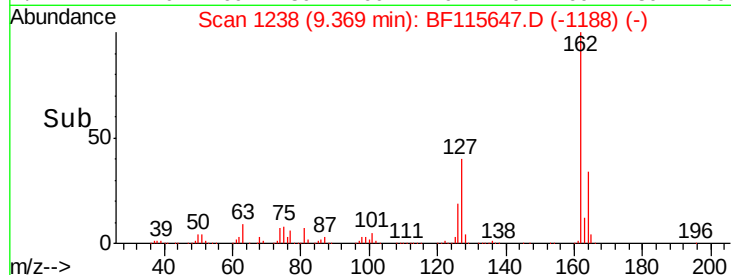
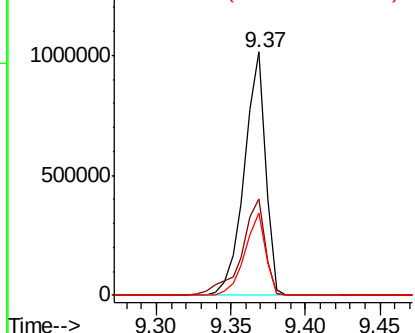
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	34.1	51.1	
164	33.6	27.4	41.2	

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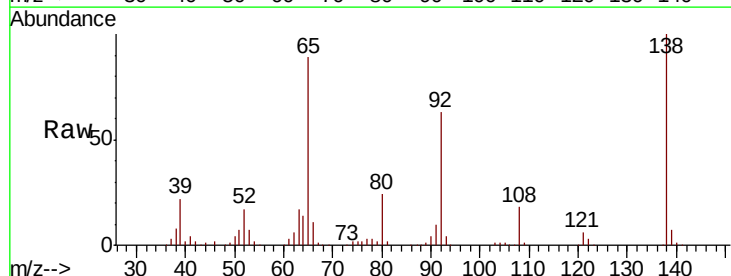
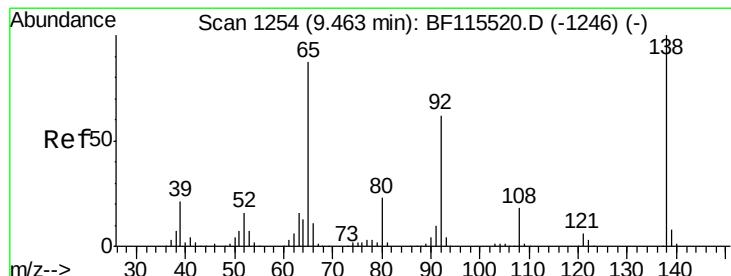
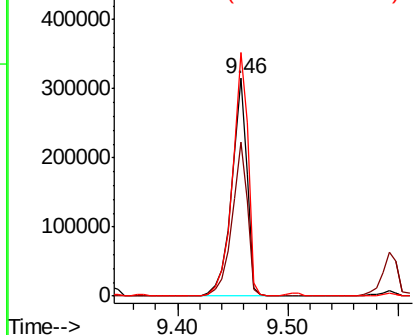
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

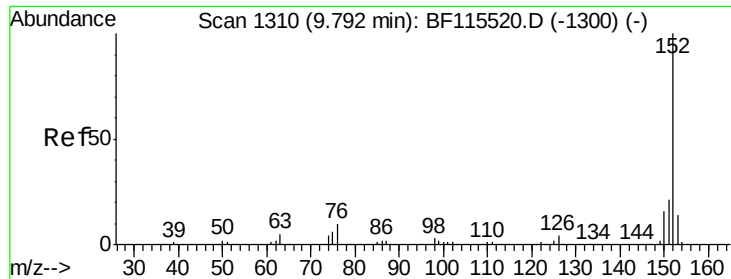


#48
2-Nitroaniline
Concen: 37.663 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.5	57.8	86.6	
138	111.9	91.2	136.8	

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.090 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB121479BS

Tot Ion:152 Resp: 1369512

Ion Ratio Lower Upper

152 100

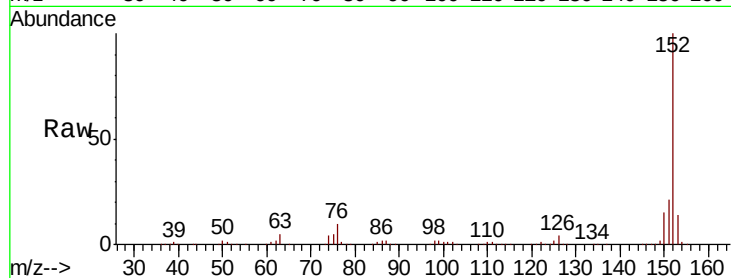
151 20.6 17.7 26.5

153 13.8 12.0 18.0

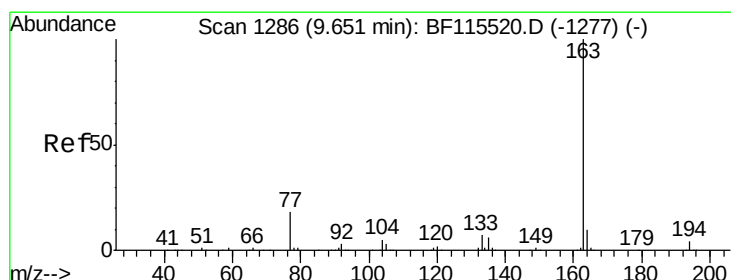
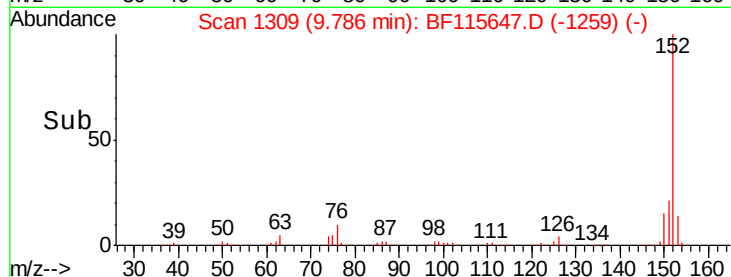
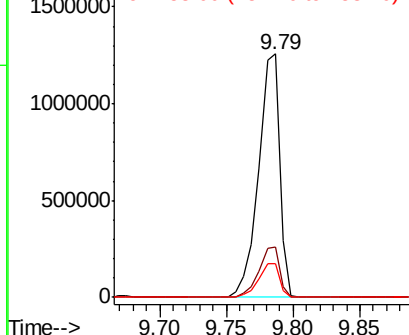
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.713 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

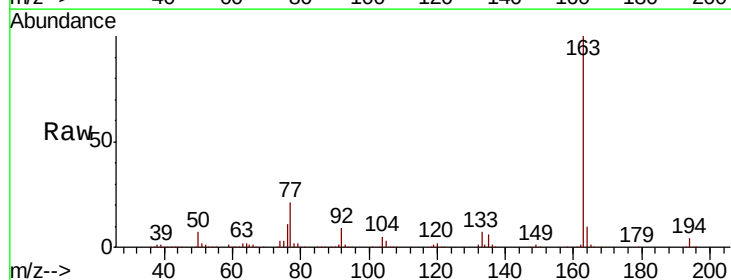
Tgt Ion:163 Resp: 1148086

Ion Ratio Lower Upper

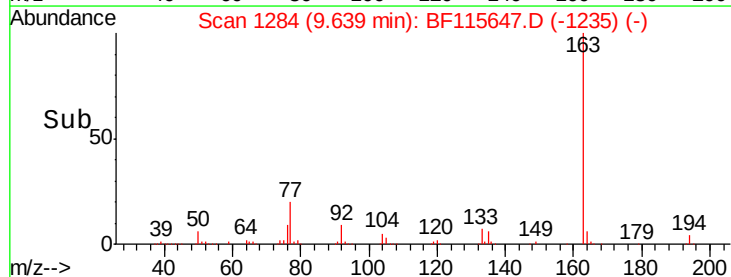
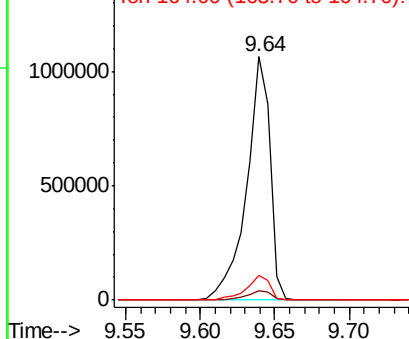
163 100

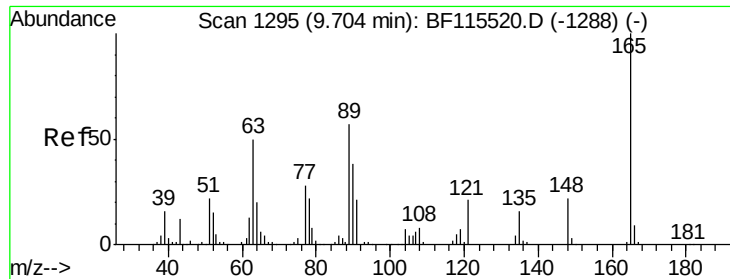
194 3.9 3.3 4.9

164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





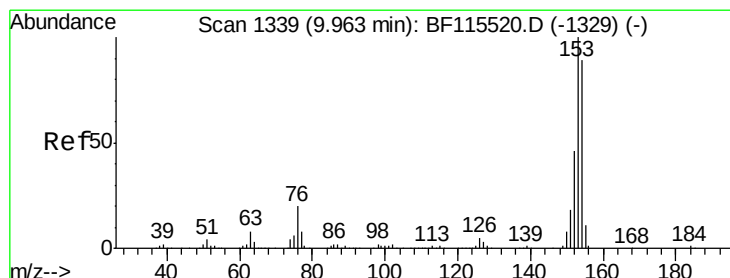
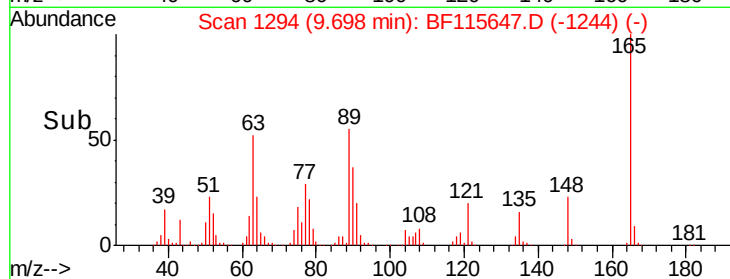
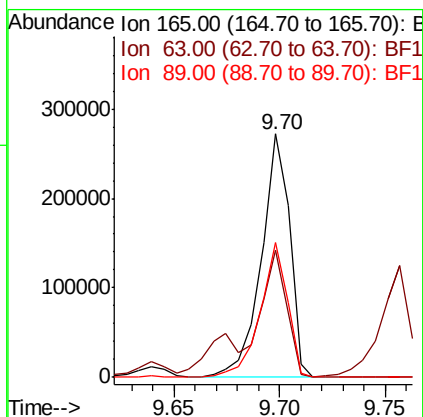
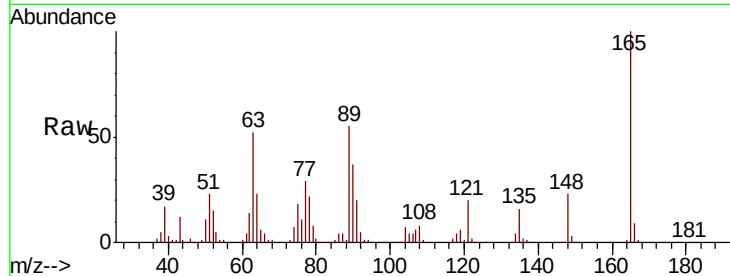
#51
2,6-Dinitrotoluene
Concen: 36.720 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	254041		
63	52.4		40.6	61.0
89	55.3		43.9	65.9

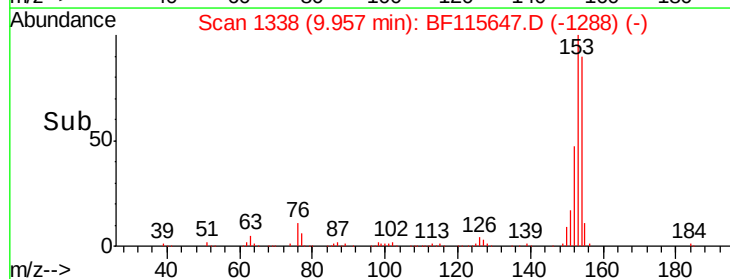
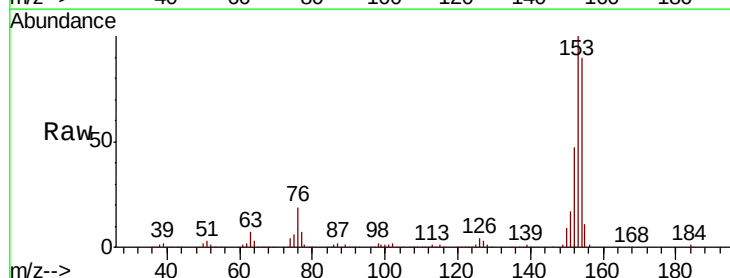
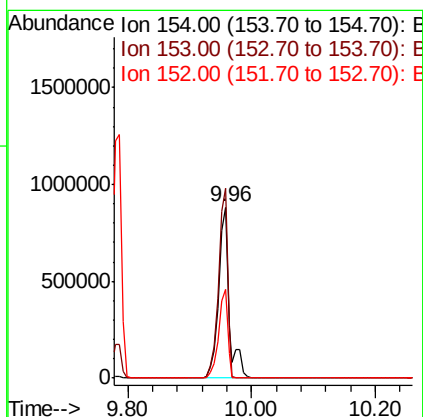
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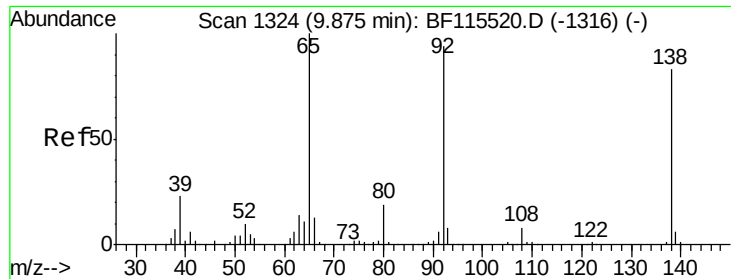
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#52
Acenaphthene
Concen: 40.852 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1029367		
153	111.0		88.6	133.0
152	51.9		42.3	63.5





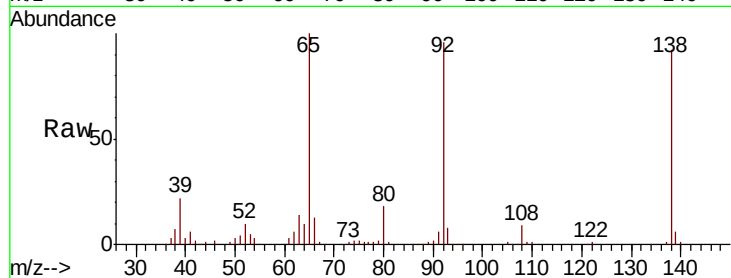
#53
3-Nitroaniline
Concen: 23.801 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampled :
PB121479BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.4	12.6
92	104.3	88.0	132.0

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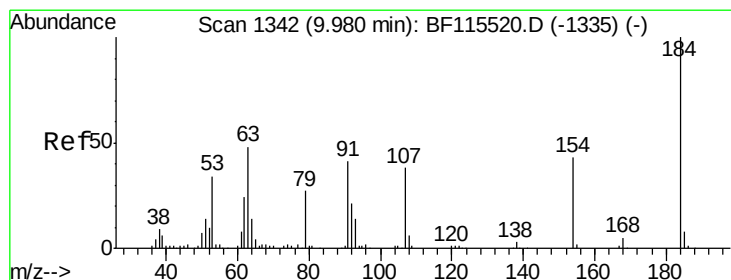
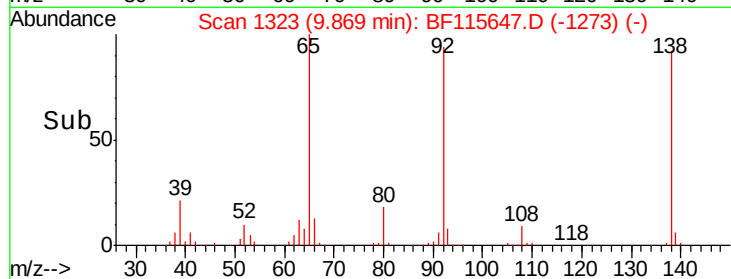
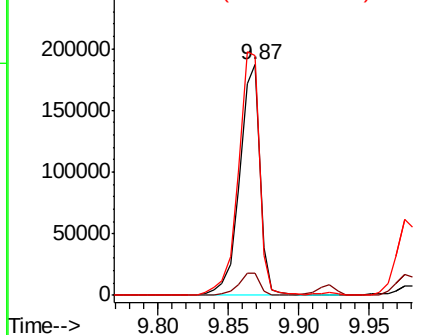


Abundance

Ion 138.00 (137.70 to 138.70): E

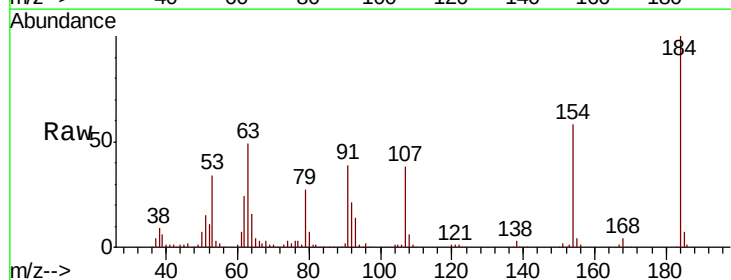
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 72.898 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.9	48.7	73.1
154	58.1	48.6	73.0

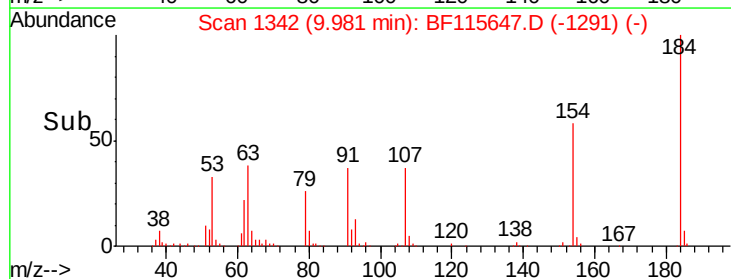
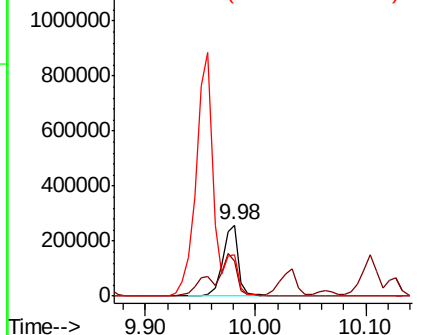


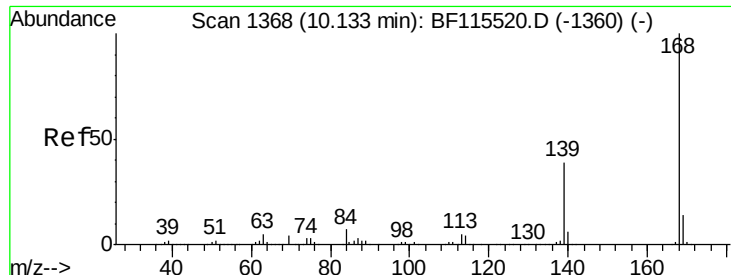
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





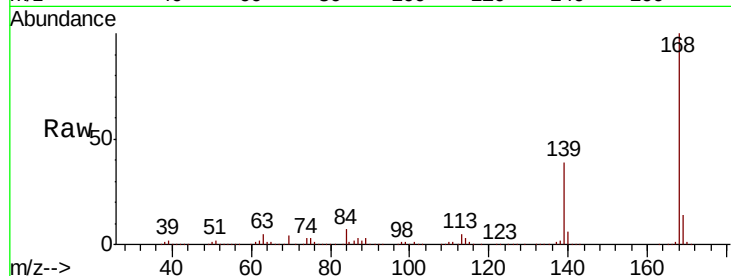
#55
Dibenzofuran
Concen: 37.237 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

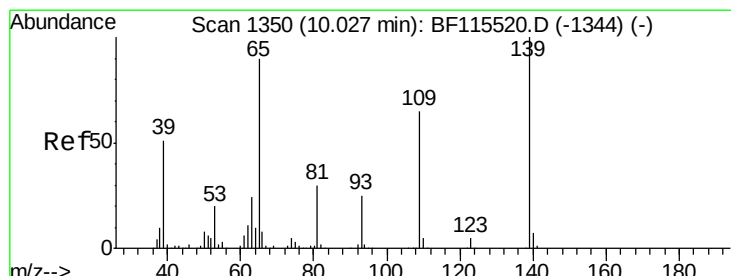
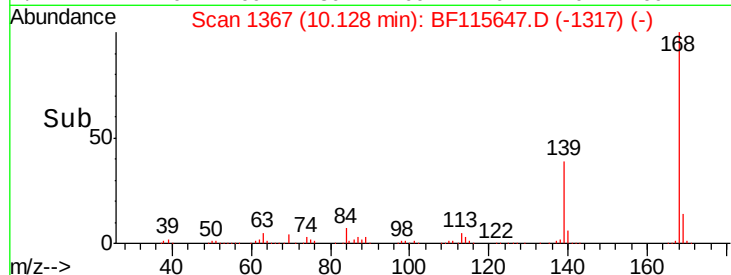
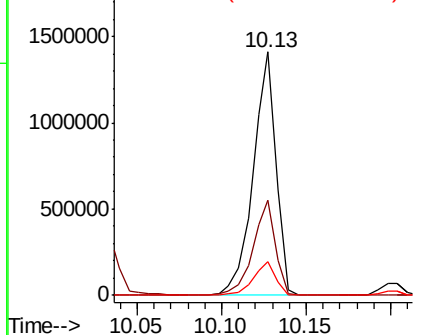
Tot Ion:168 Resp: 1332472
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 13.8 11.1 16.7

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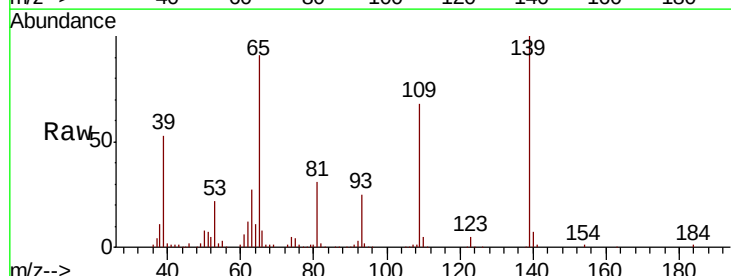


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

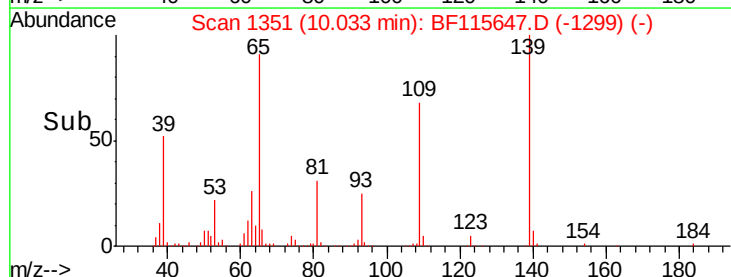
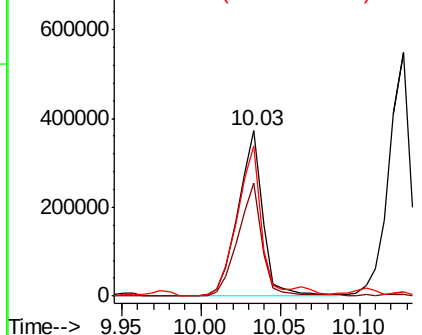


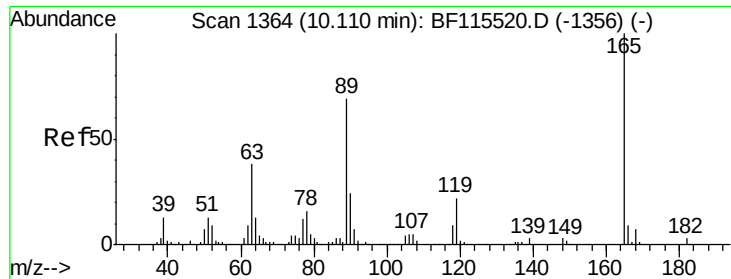
#56
4-Nitrophenol
Concen: 66.498 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion:139 Resp: 400899
Ion Ratio Lower Upper
139 100
109 68.3 46.4 86.4
65 90.6 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





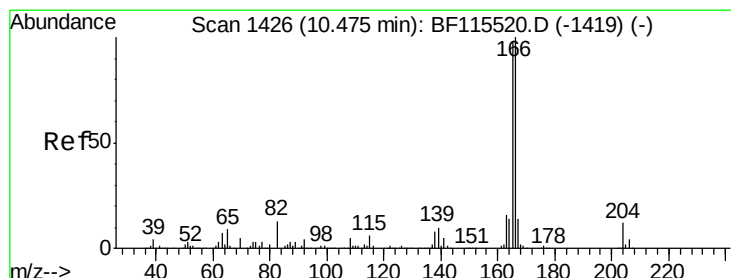
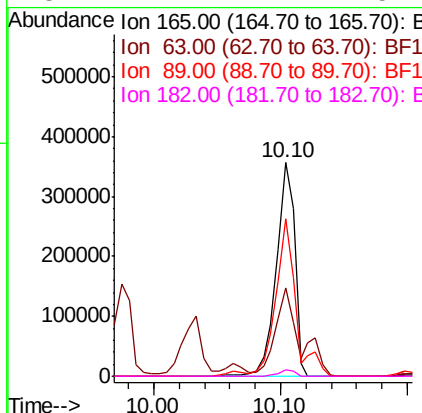
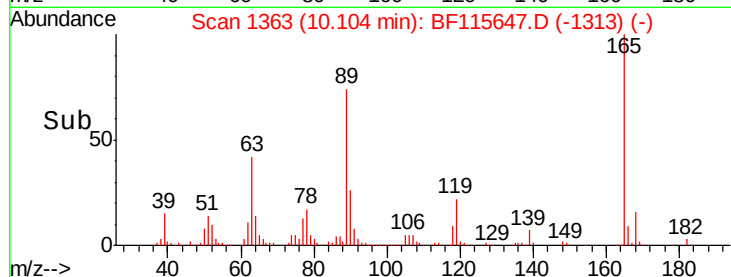
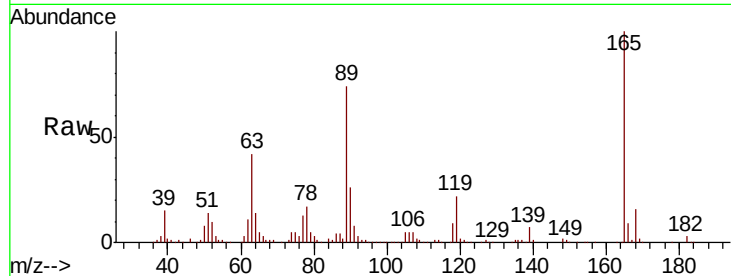
#57
2,4-Dinitrotoluene
Concen: 39.636 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	355255		
63	41.6		34.9	52.3
89	73.9		57.5	86.3
182	2.7		2.2	3.4

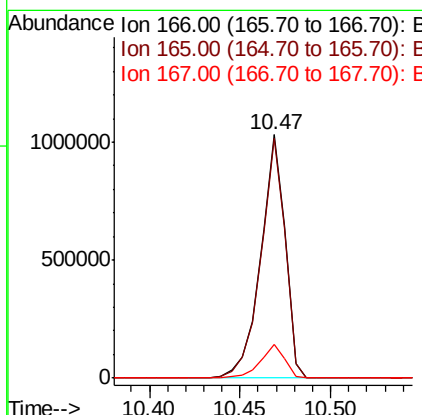
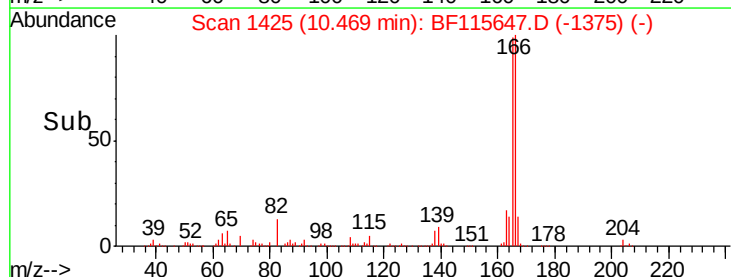
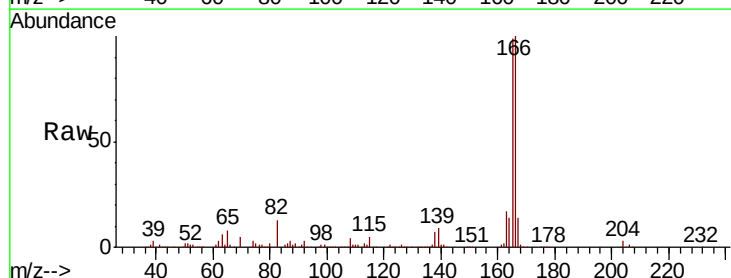
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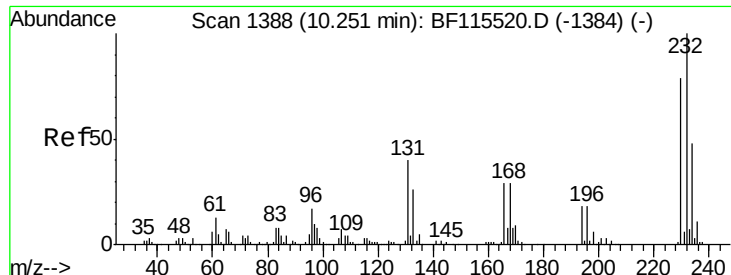
mohammad
7/19/2019 3:58:19 PM



#58
Fluorene
Concen: 37.898 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	969477		
165	98.6		79.8	119.6
167	13.7		11.2	16.8





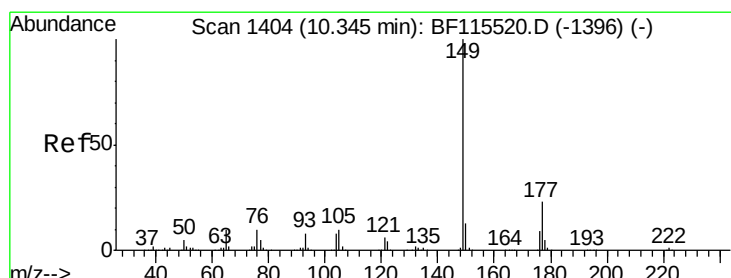
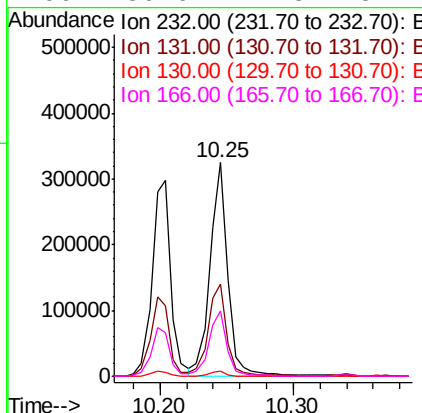
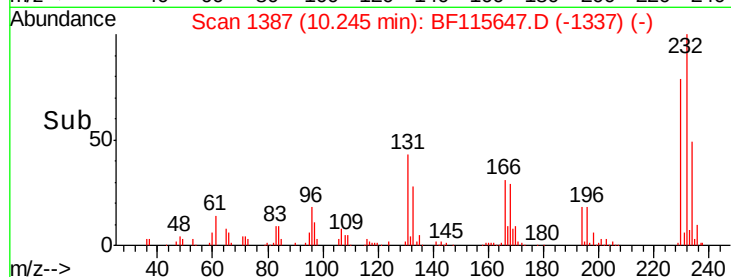
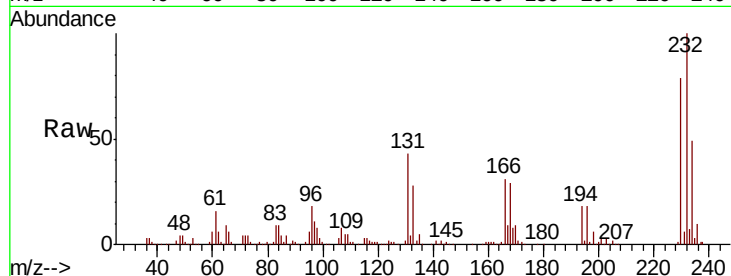
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.552 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	35.9	53.9
130	2.3	1.8	2.6
166	30.6	24.8	37.2

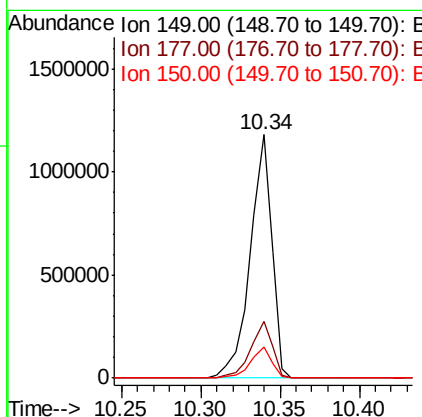
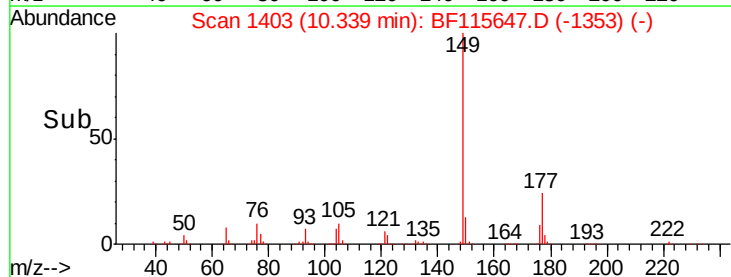
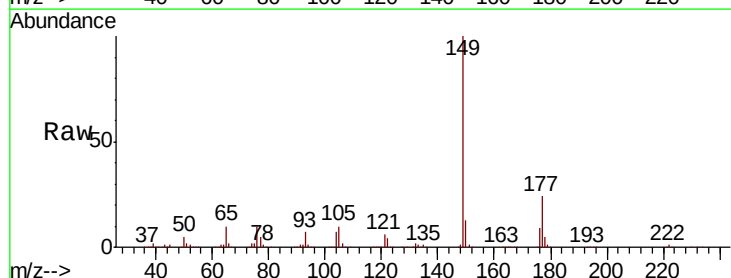
Manual Integrations
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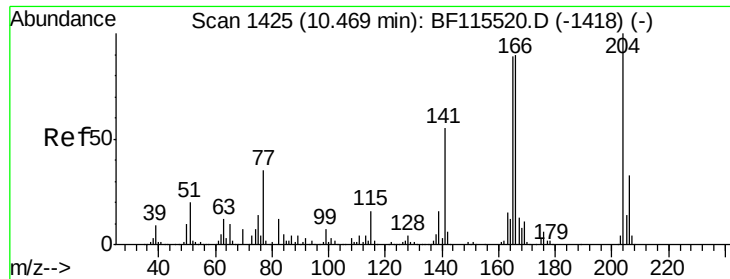
mohammad
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#60
Diethylphthalate
Concen: 39.141 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.5	29.3
150	12.9	10.4	15.6





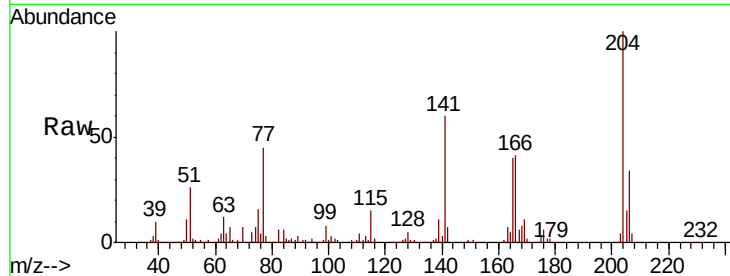
#61
4-Chlorophenyl-phenylether
Concen: 35.775 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.7	40.1
141	60.2	44.2	66.2

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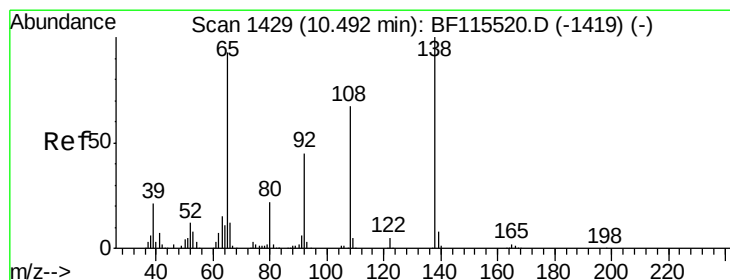
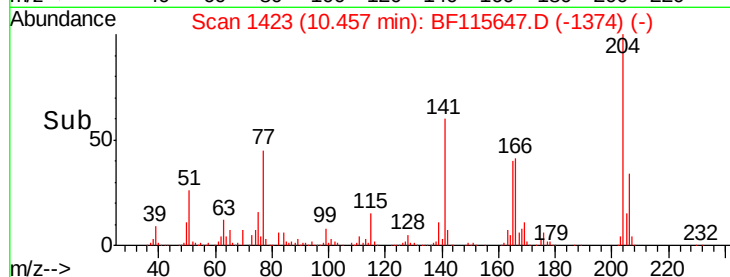
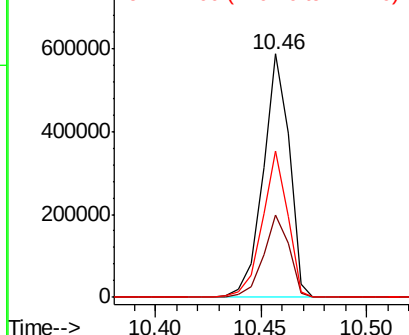


Abundance

Ion 204.00 (203.70 to 204.70): E

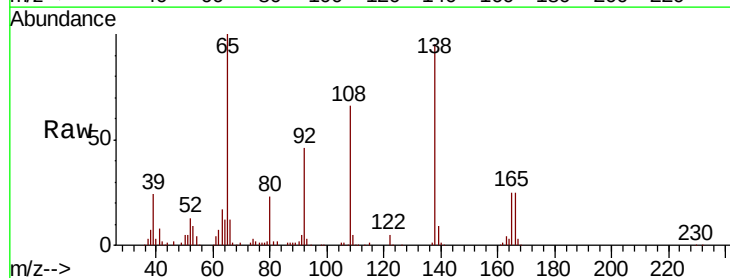
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.879 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	27.1	67.1
108	70.2	48.0	88.0

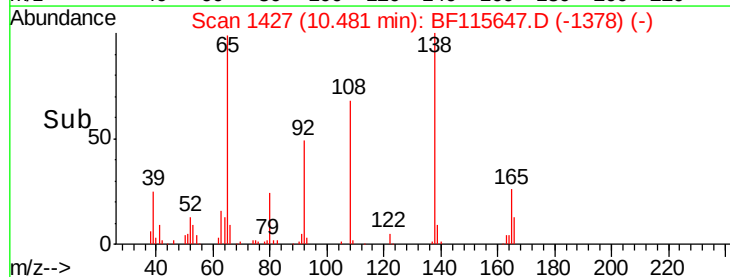
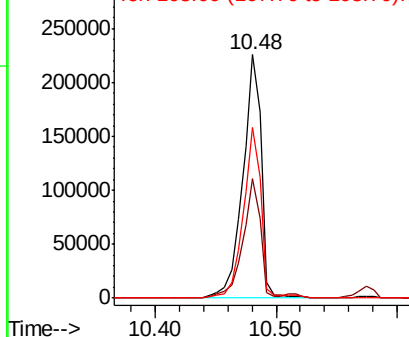


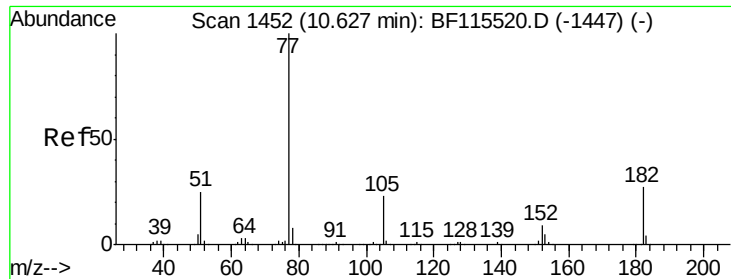
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





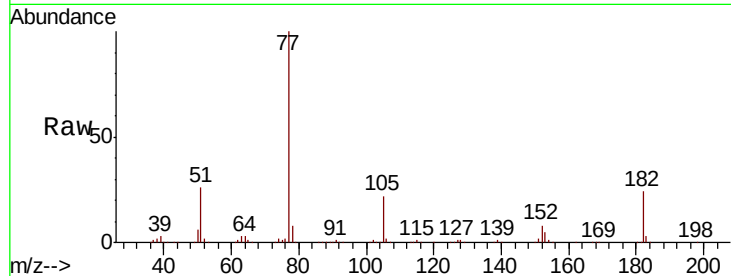
#63
Azobenzene
Concen: 39.434 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.4	6.9	46.9	
105	22.5	3.9	43.9	
51	26.3	7.3	47.3	

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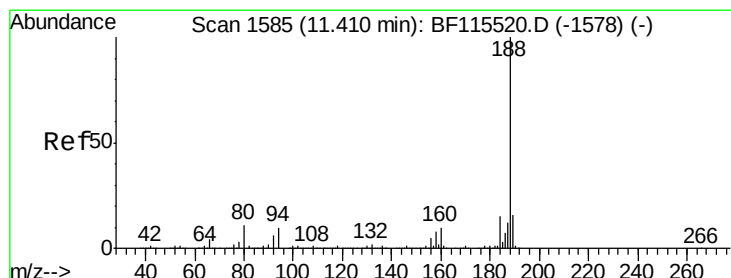
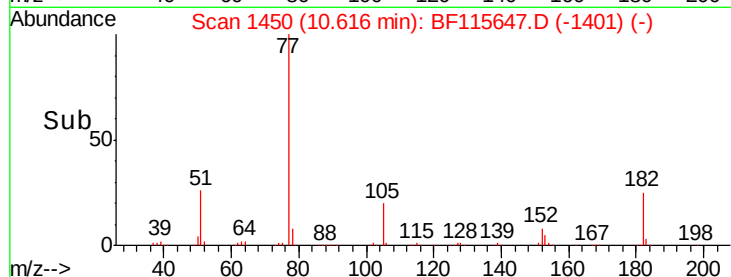
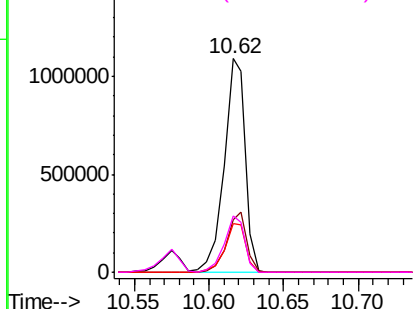
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

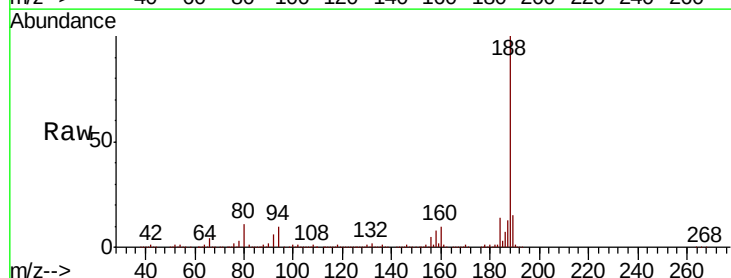
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	7.8	11.6	
80	10.8	8.6	13.0	

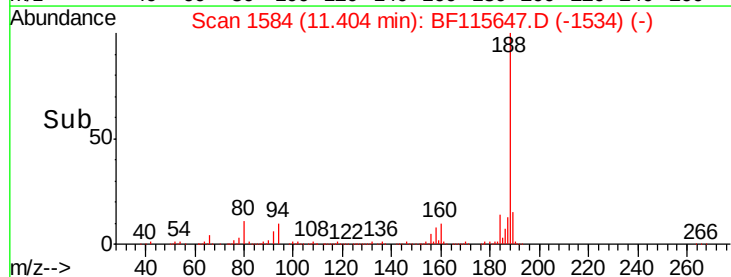
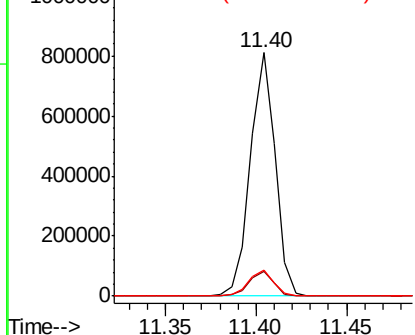


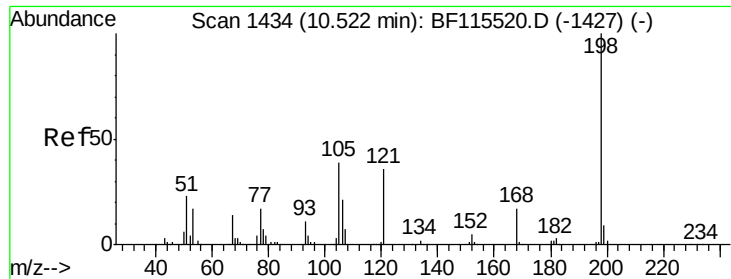
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.869 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

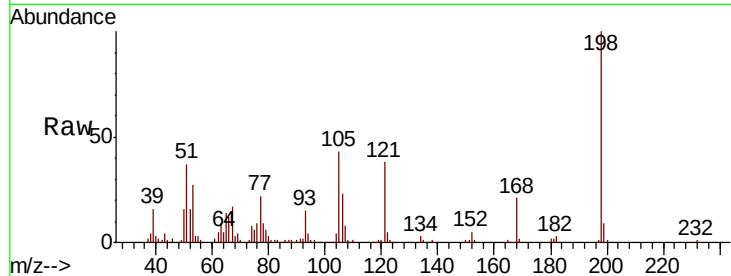
ClientSampleId :

PB121479BS

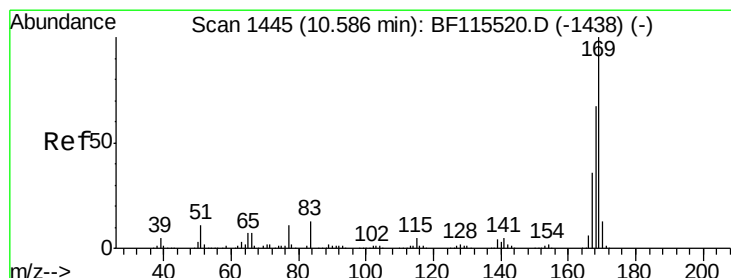
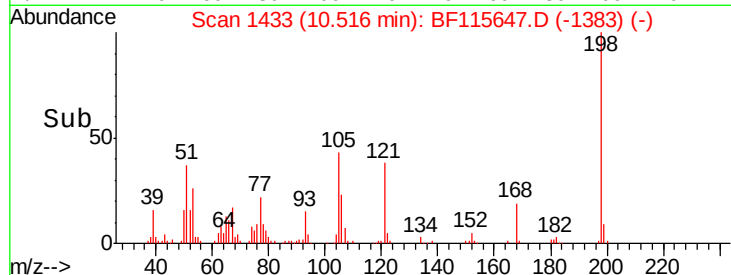
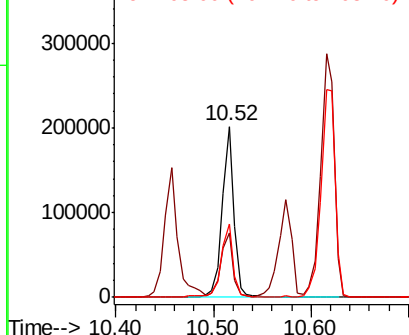
Tot Ion:	198	Resp:	169036
Ion Ratio	Lower	Upper	
198	100		
51	37.5	19.1	59.1
105	42.6	23.6	63.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.470 ng

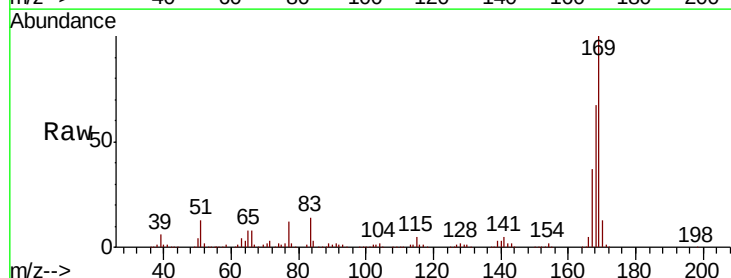
RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

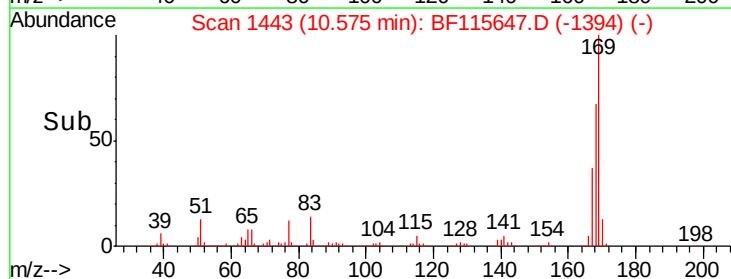
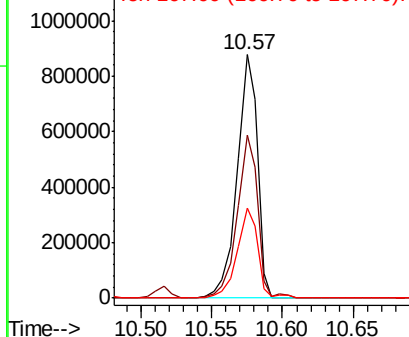
Lab File: BF115647.D

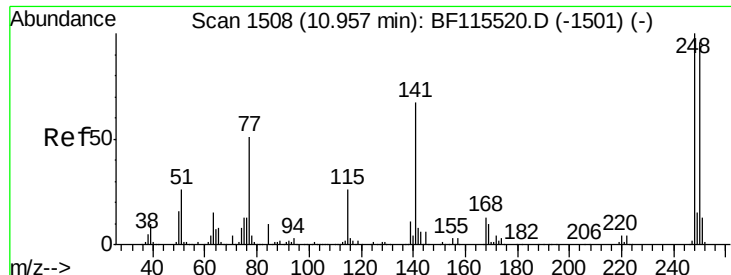
Acq: 18 Jul 2019 15:05

Tgt Ion:	169	Resp:	875052
Ion Ratio	Lower	Upper	
169	100		
168	66.9	54.3	81.5
167	36.9	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





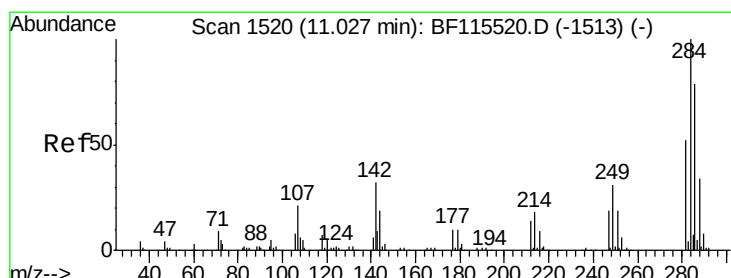
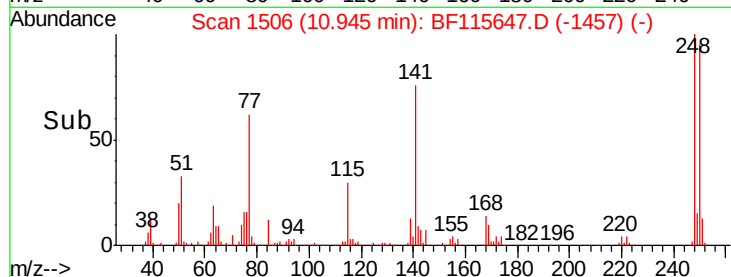
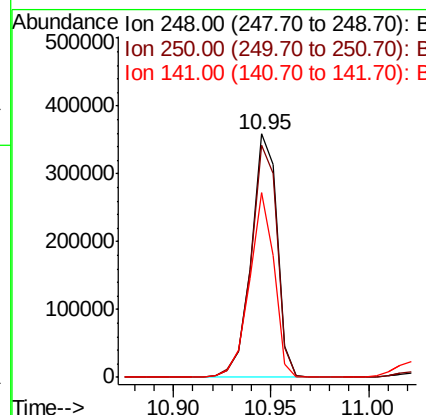
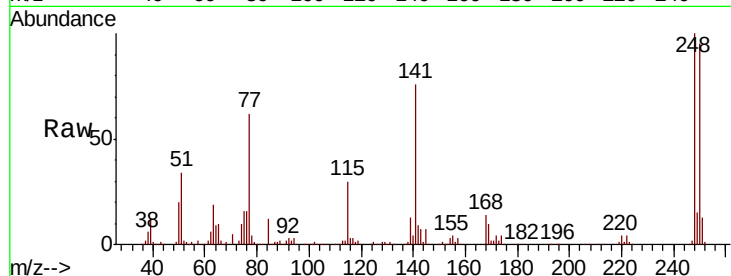
#67
 4-Bromophenyl-phenylether
 Concen: 37.374 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.0	117.0
141	75.9	57.7	86.5

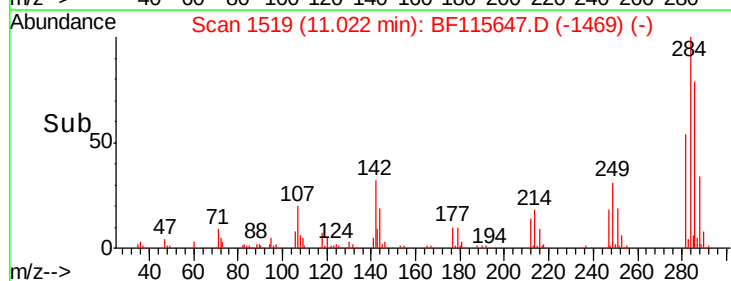
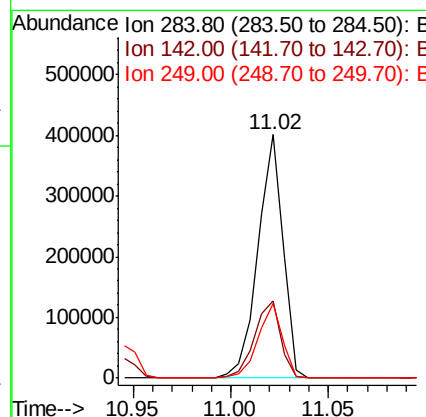
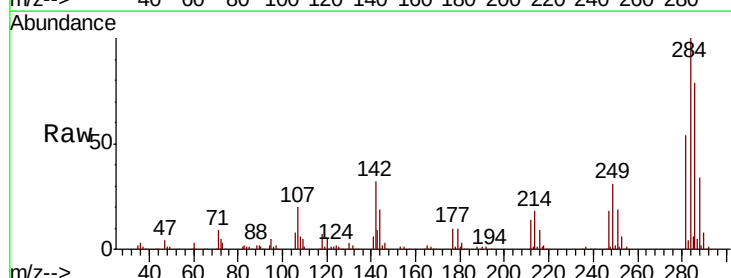
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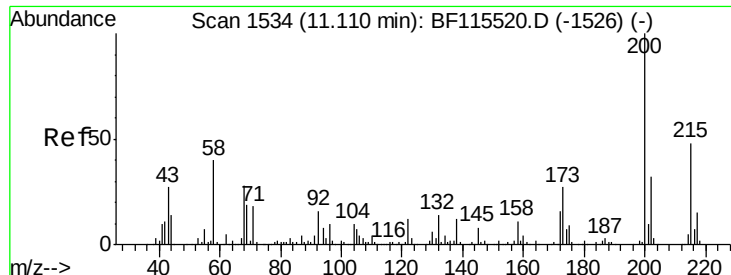
mohammad
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#68
 Hexachlorobenzene
 Concen: 35.368 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	22.2	33.2
249	30.5	23.4	35.2





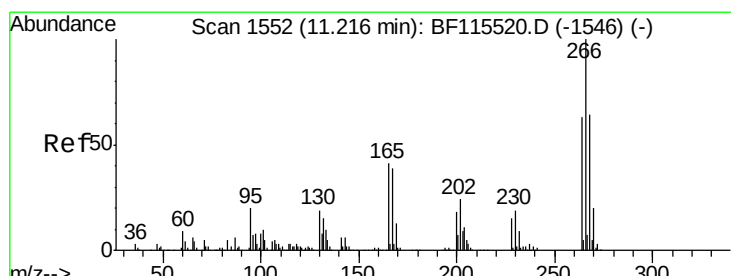
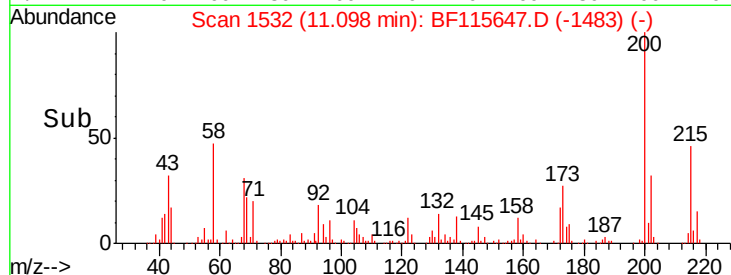
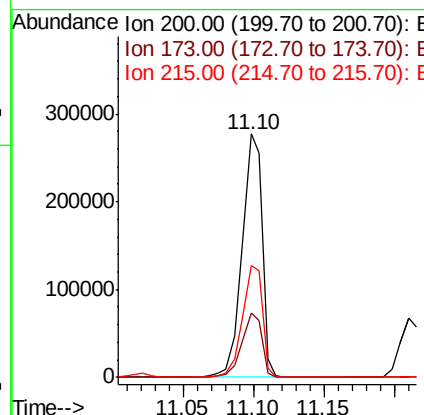
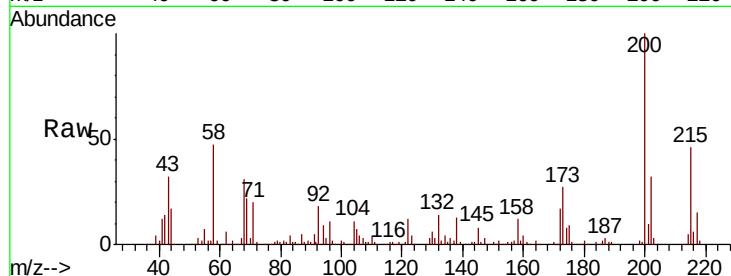
#69
Atrazine
Concen: 34.681 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	6.9	46.9
215	46.1	27.9	67.9

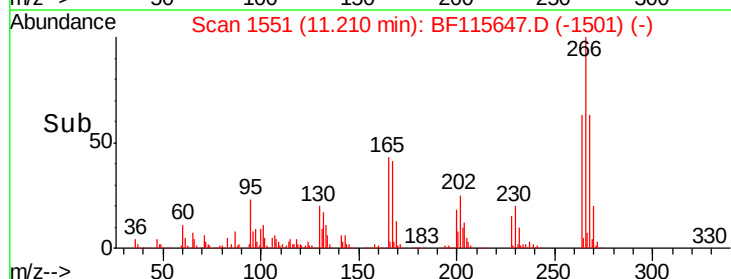
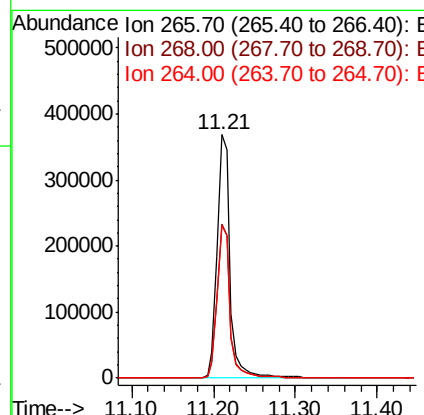
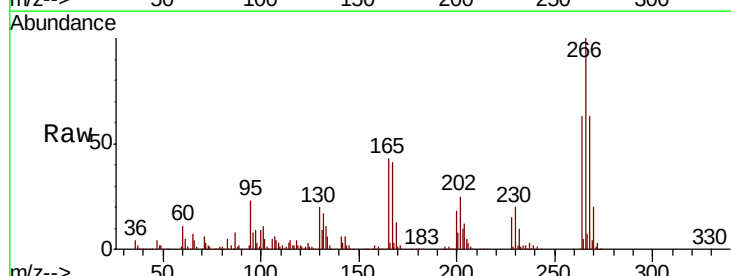
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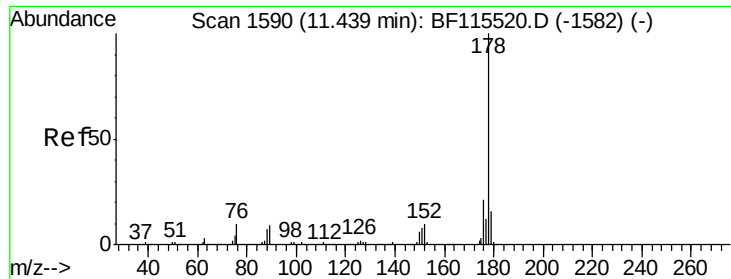
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#70
Pentachlorophenol
Concen: 66.378 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	51.6	77.4
264	62.7	50.6	76.0





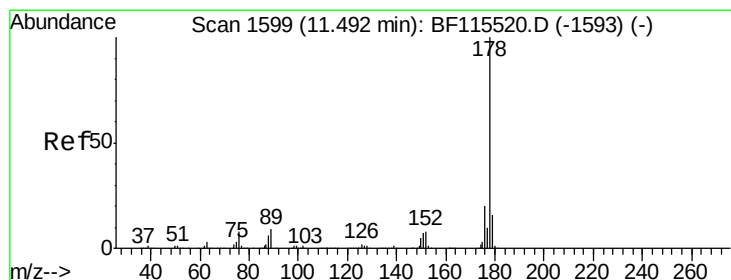
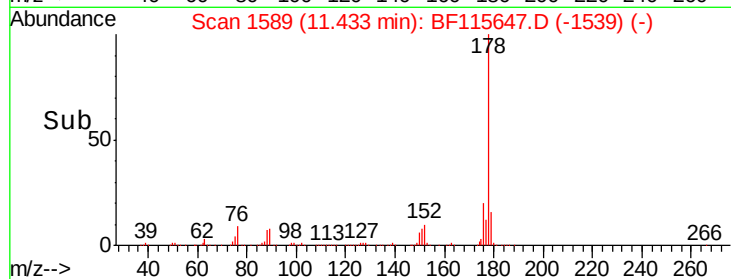
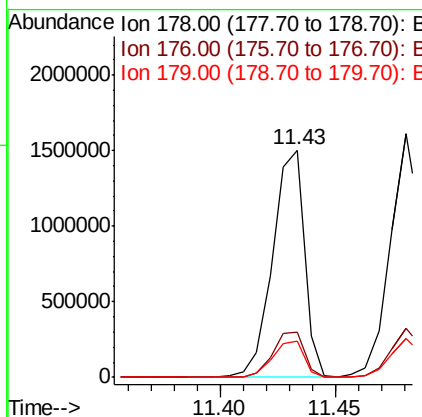
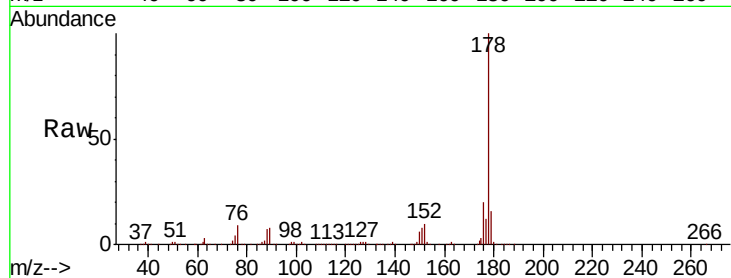
#71
Phenanthrene
Concen: 36.355 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion:178 Resp: 1437419
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 15.7 13.5 20.3

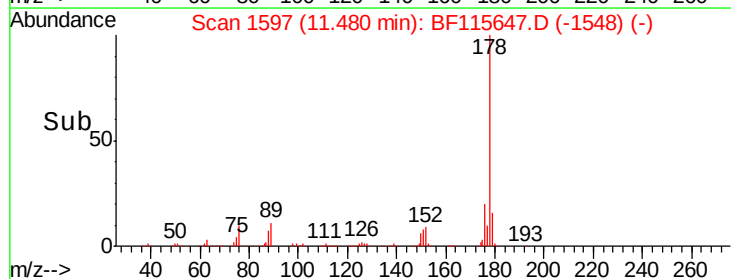
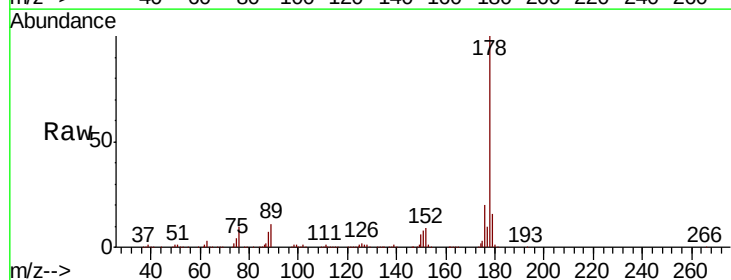
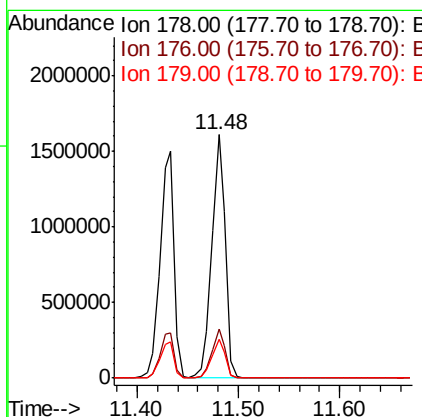
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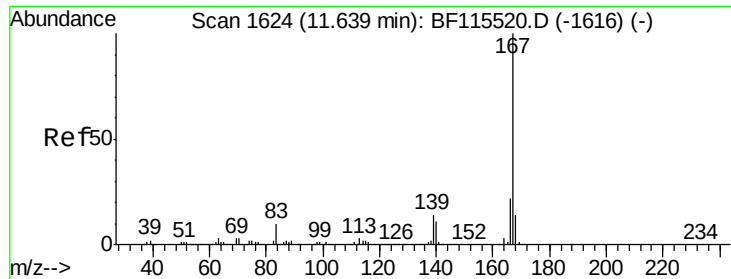
mohammad
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#72
Anthracene
Concen: 36.442 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion:178 Resp: 1489074
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.2 12.7 19.1





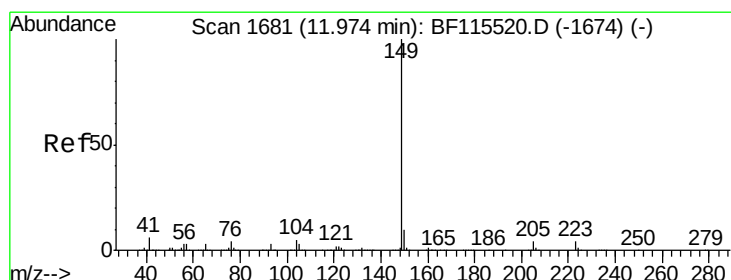
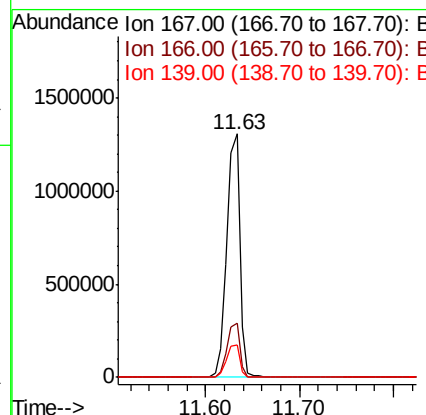
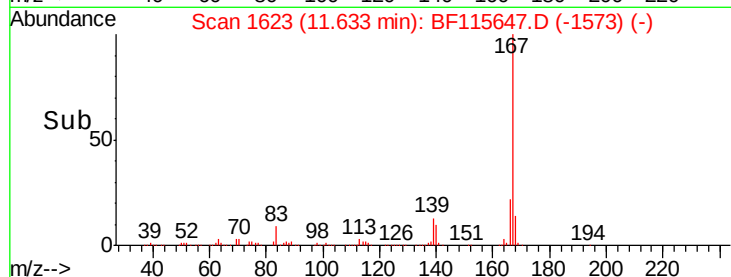
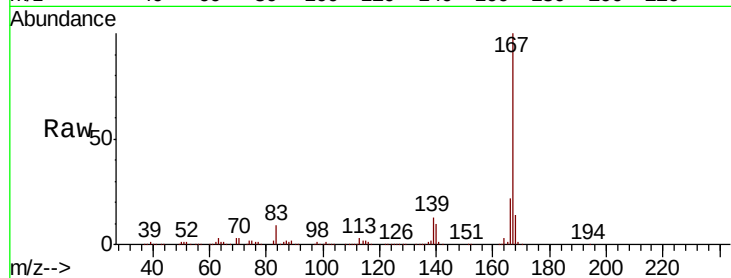
#73
 Carbazole
 Concen: 35.883 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.3	11.3	16.9

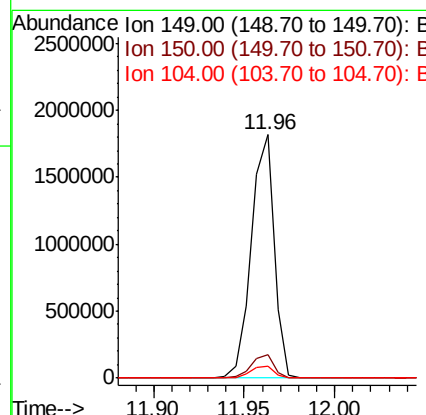
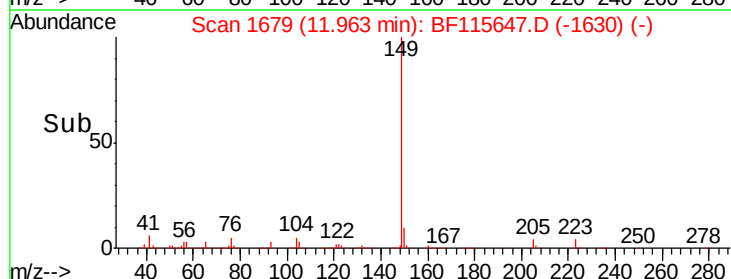
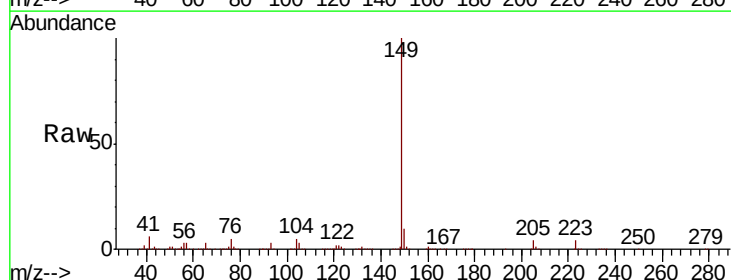
Manual Integrations
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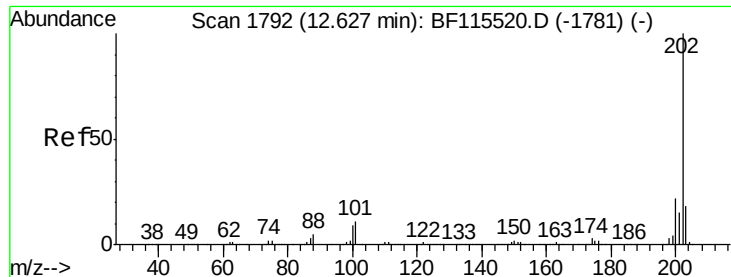
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#74
 Di-n-butylphthalate
 Concen: 36.124 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.9	3.8	5.8





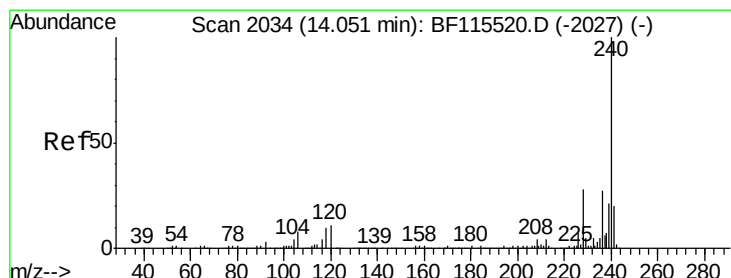
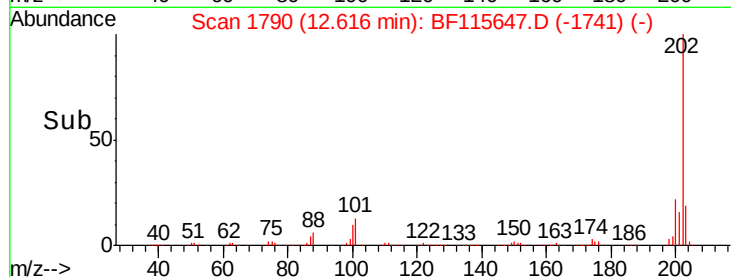
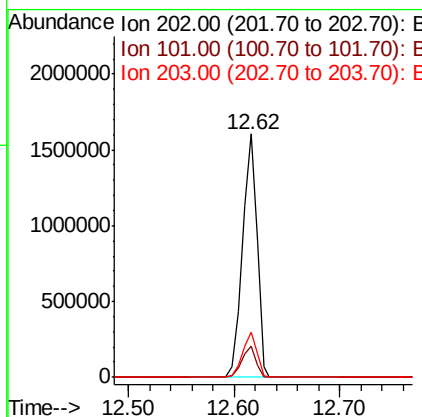
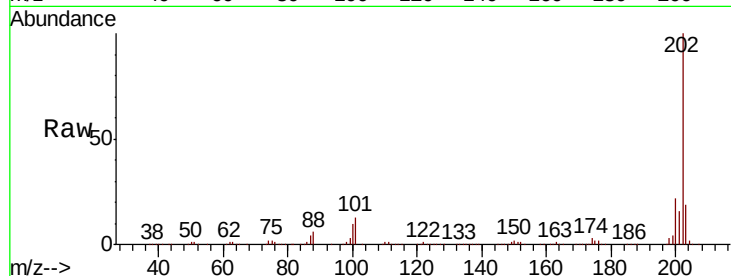
#75
Fluoranthene
Concen: 35.930 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1501216		
101	12.9		0.0	31.4
203	18.8		0.0	38.1

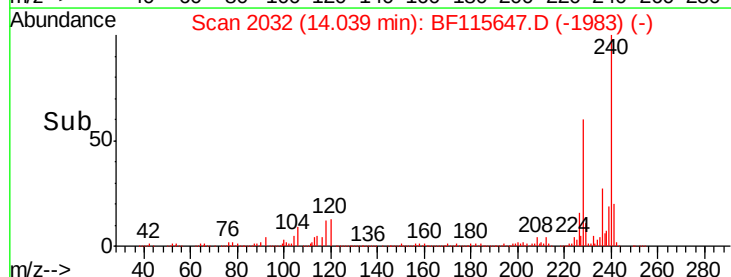
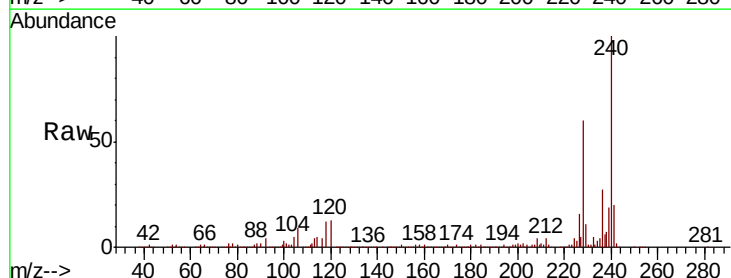
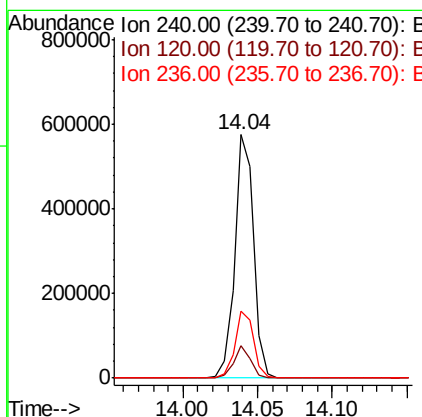
Manual Integrations
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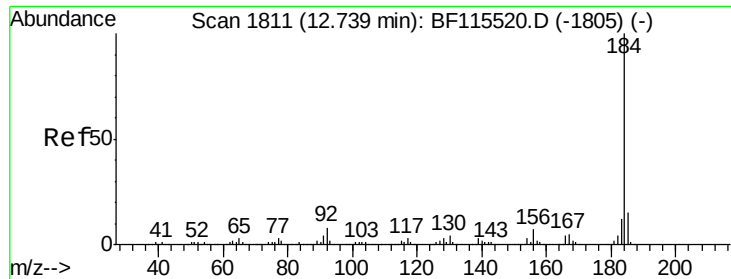
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	509851		
120	13.4		8.6	13.0#
236	27.3		21.3	31.9





#77

Benzidine

Concen: 14.243 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB121479BS

Tot Ion:184 Resp: 257248

Ion Ratio Lower Upper

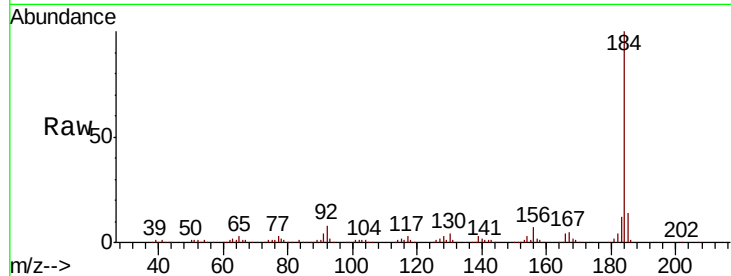
184 100

185 14.3 12.0 18.0

183 11.5 9.3 13.9

Manual Integrations
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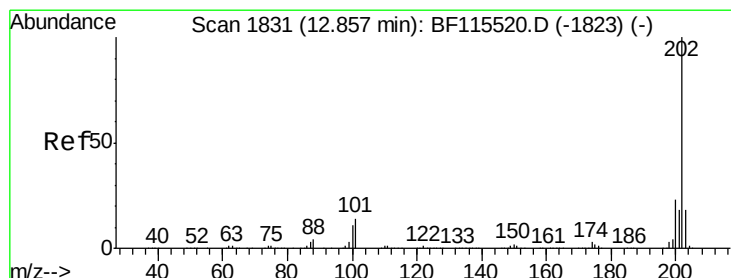
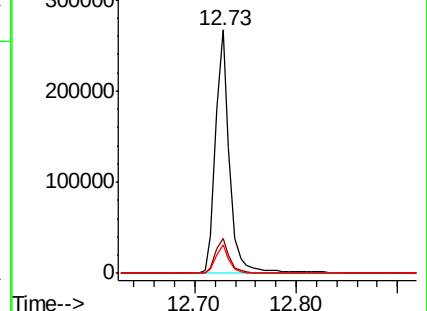
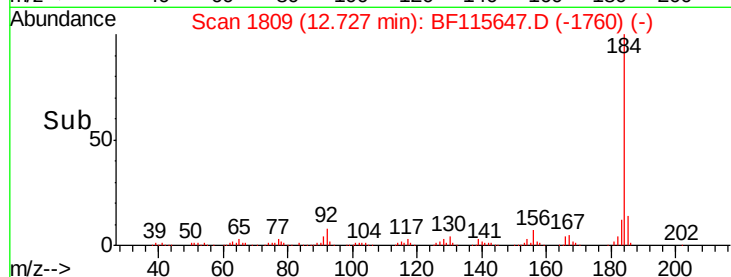
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.950 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115647.D

Acq: 18 Jul 2019 15:05

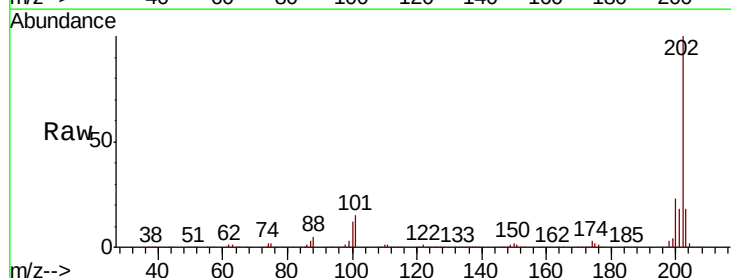
Tgt Ion:202 Resp: 1466528

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

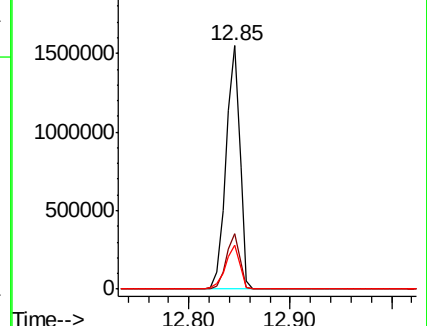
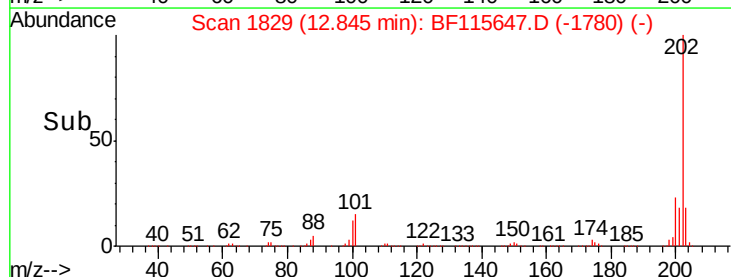
203 18.0 15.2 22.8

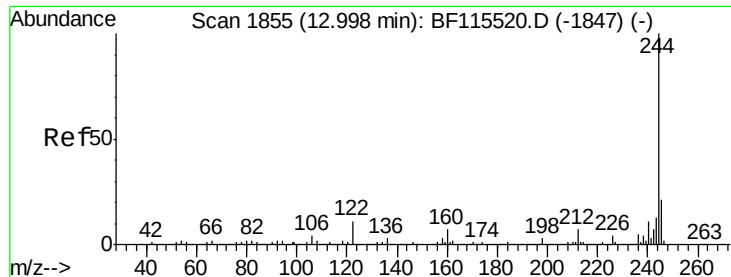


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





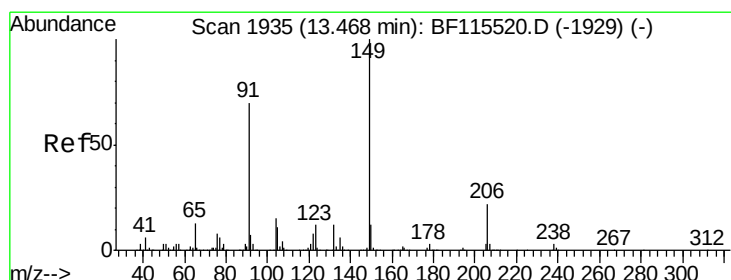
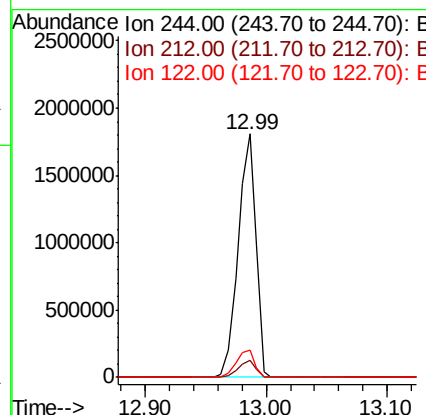
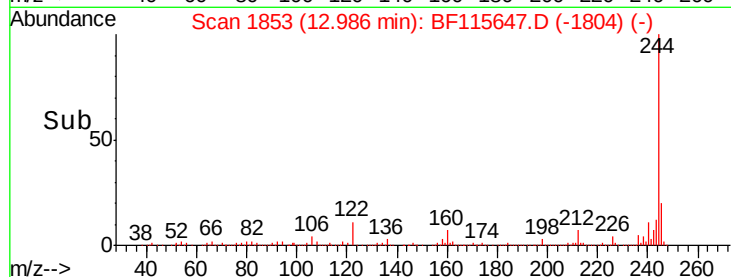
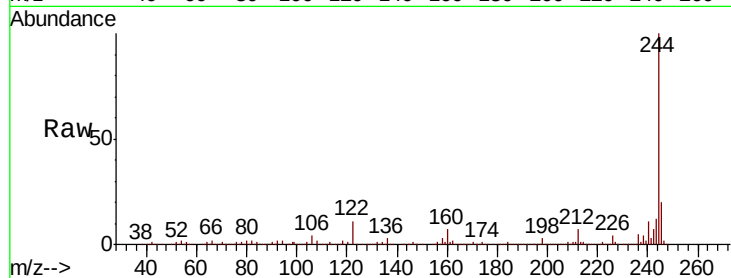
#79
 Terphenyl-d14
 Concen: 67.402 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.4	8.6	12.8

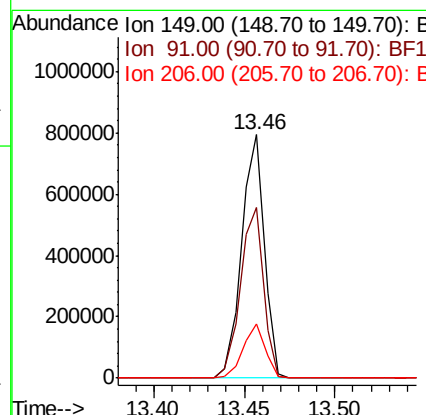
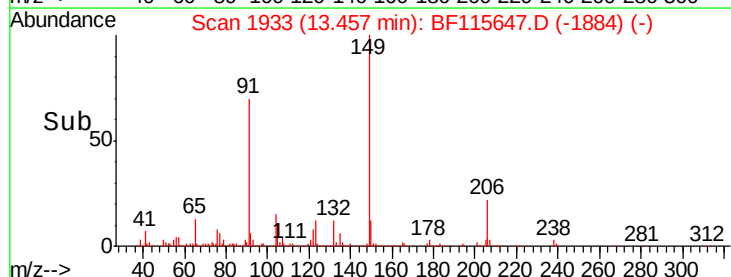
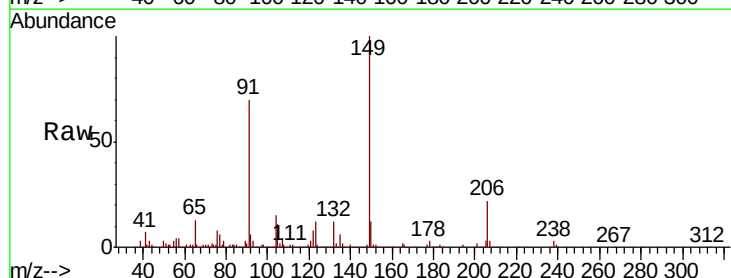
Manual Integrations
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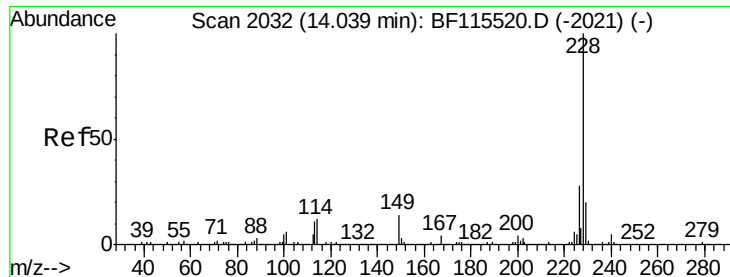
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#80
 Butylbenzylphthalate
 Concen: 37.549 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	55.8	83.8
206	22.1	18.2	27.2





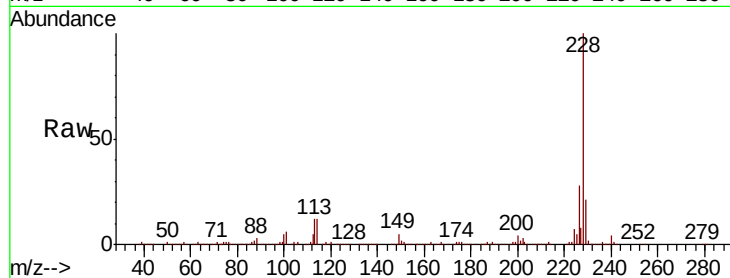
#81
Benzo(a)anthracene
Concen: 35.911 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	20.7	17.2	25.8

Manual Integrations
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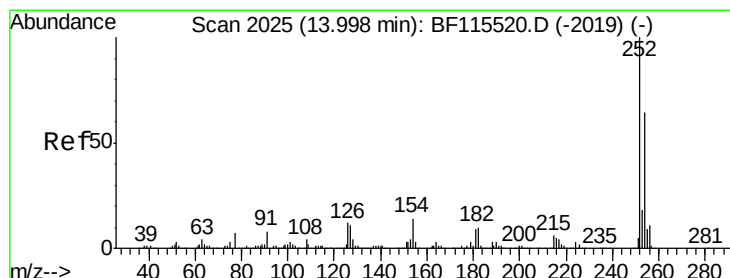
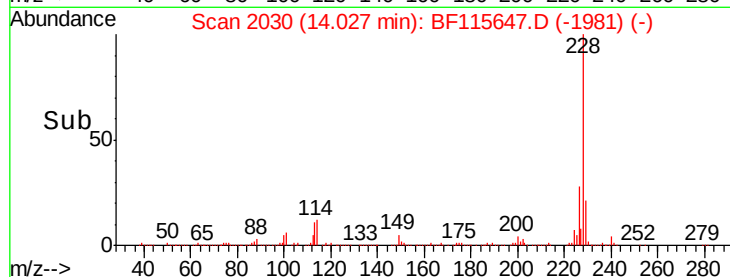
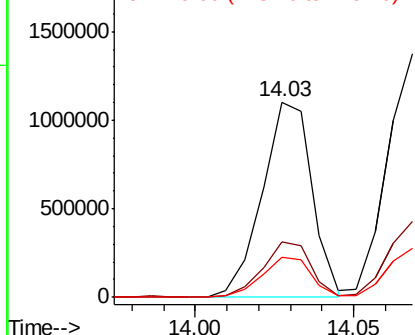


Abundance

Ion 228.00 (227.70 to 228.70): E

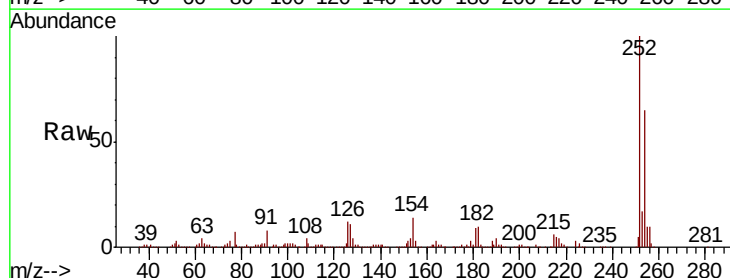
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 31.089 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.9	79.3
126	11.9	9.9	14.9

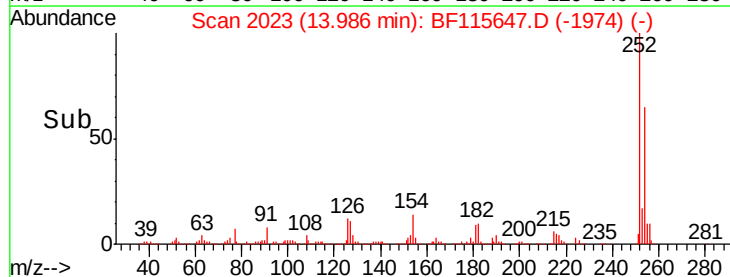
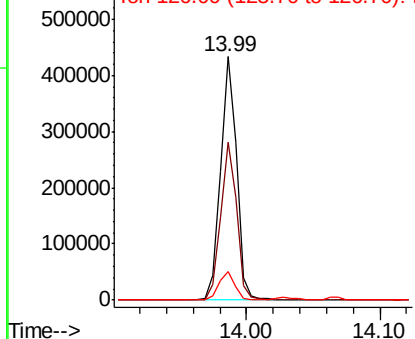


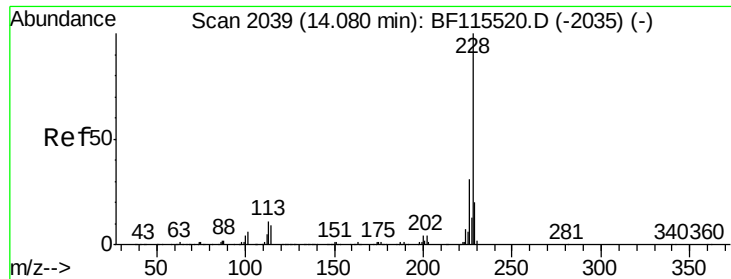
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





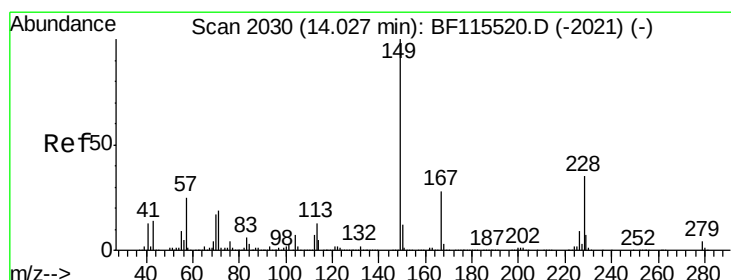
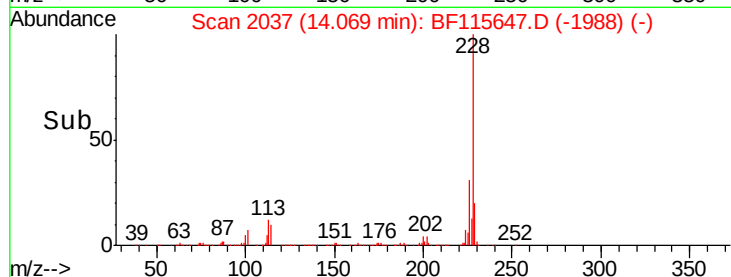
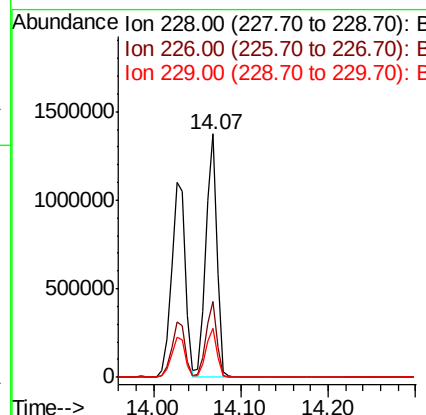
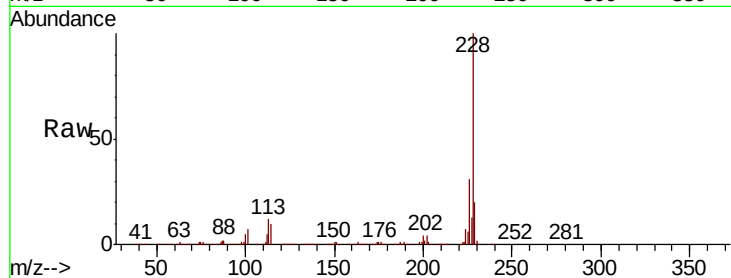
#83
 Chrysene
 Concen: 35.930 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.7	38.5
229	20.2	16.6	25.0

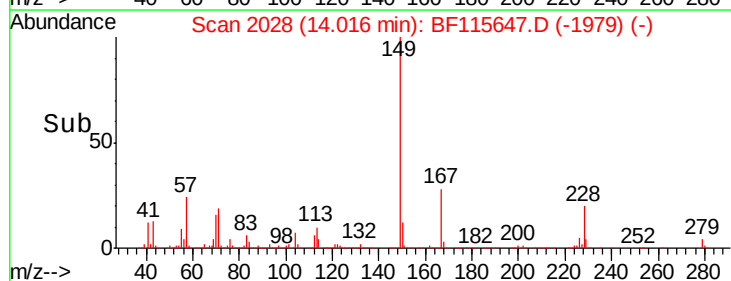
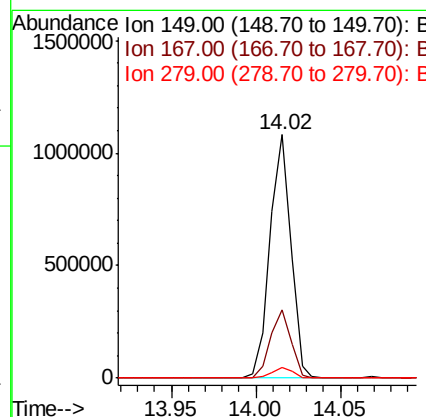
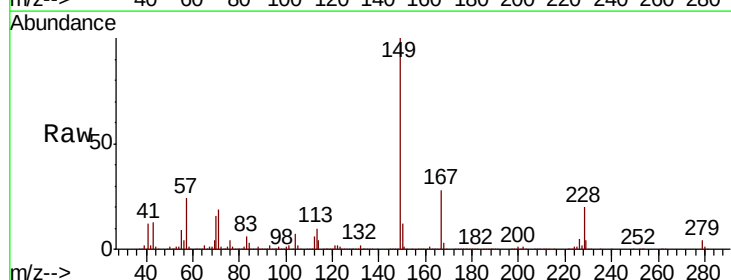
Manual Integrations
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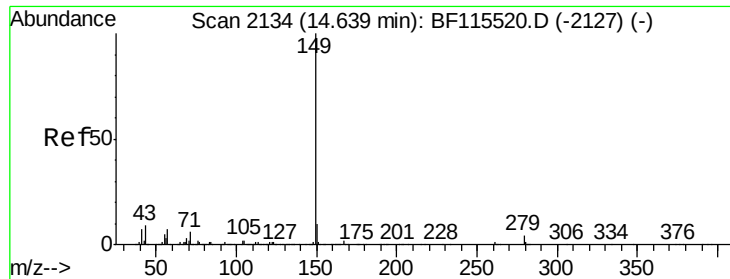
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.754 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF115647.D
 Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	4.3	4.2	6.2





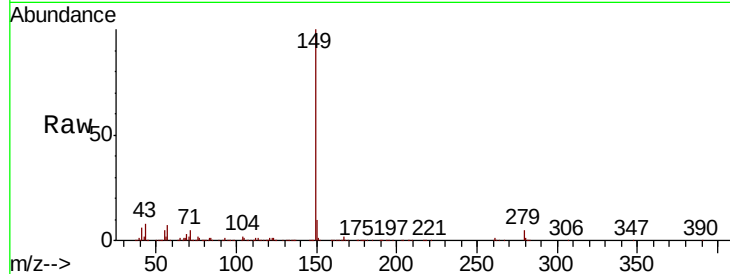
#85
Di-n-octyl phthalate
Concen: 39.822 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

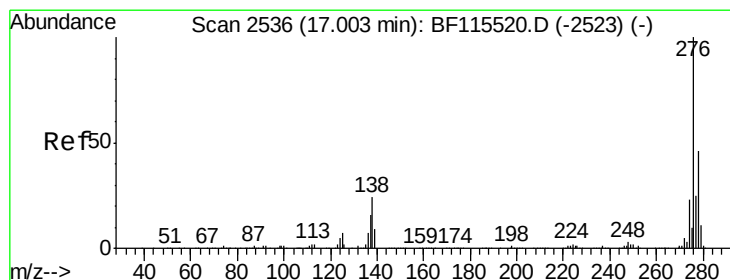
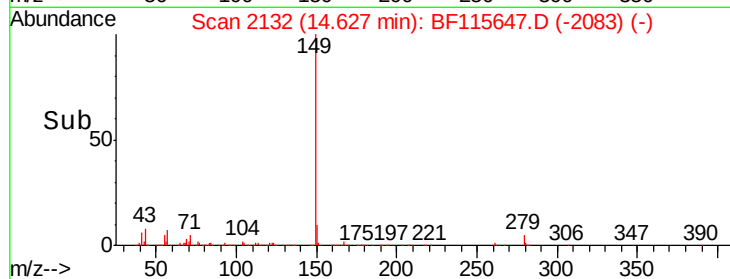
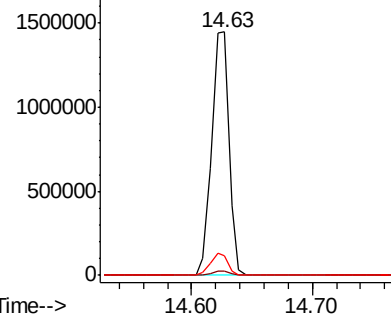
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.8	7.2	10.8

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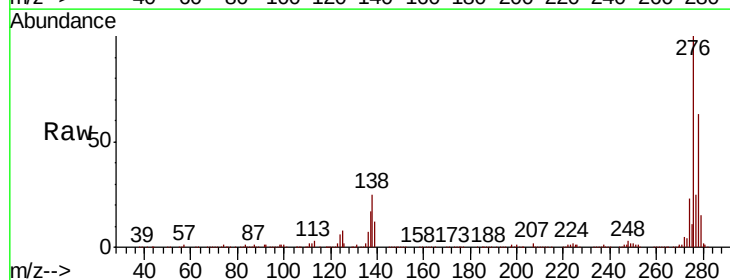


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

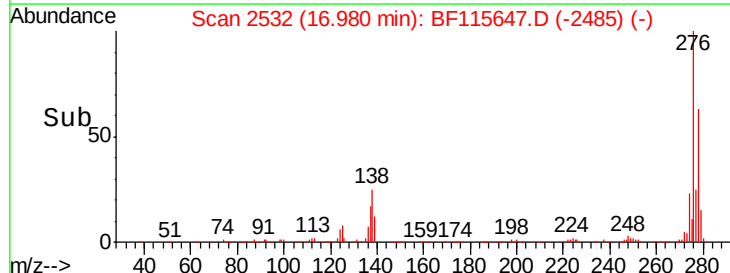
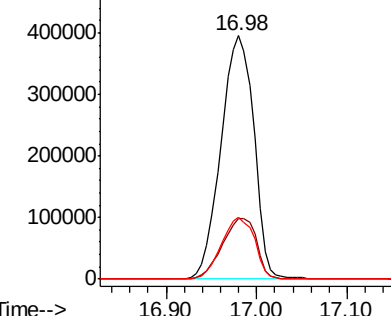


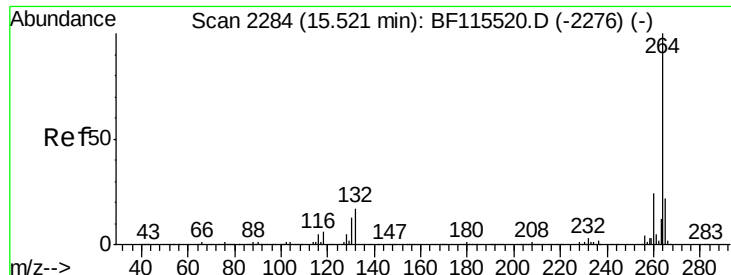
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.888 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.2	30.2
277	25.6	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





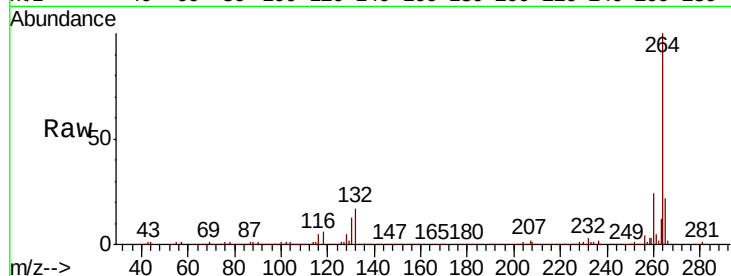
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	22.0	17.7	26.5

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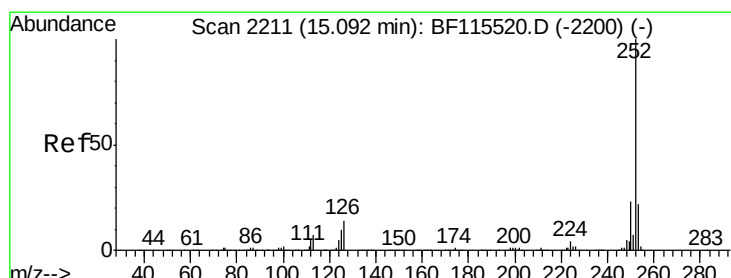
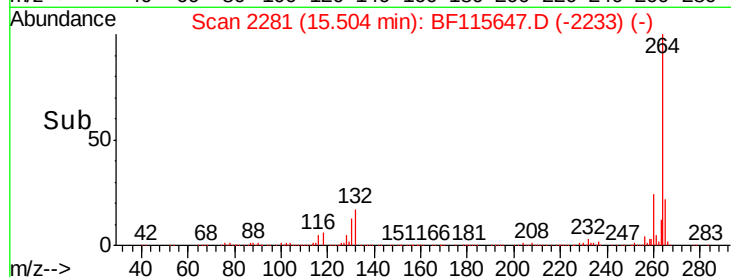
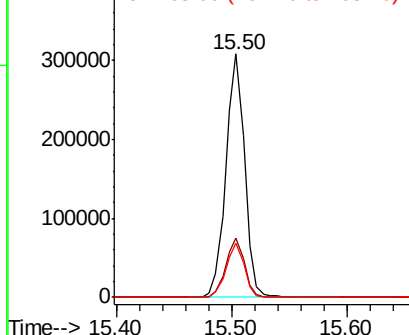


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 48.037 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

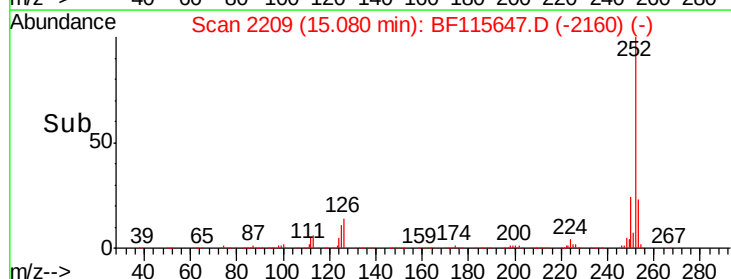
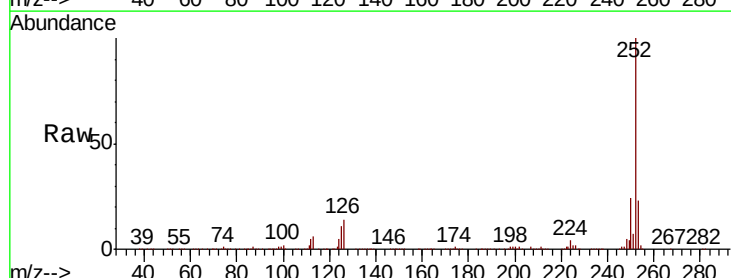
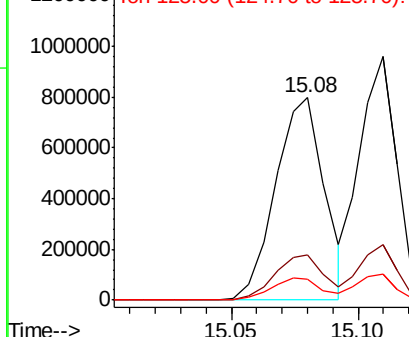
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.5	9.0	13.4

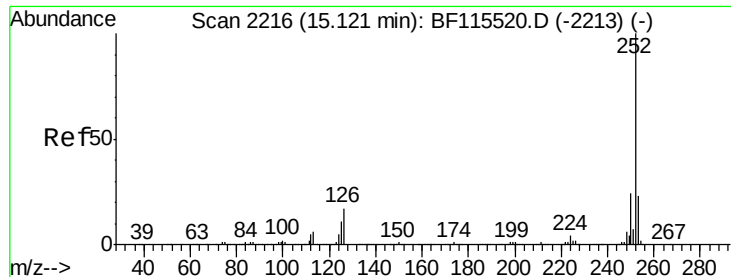
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





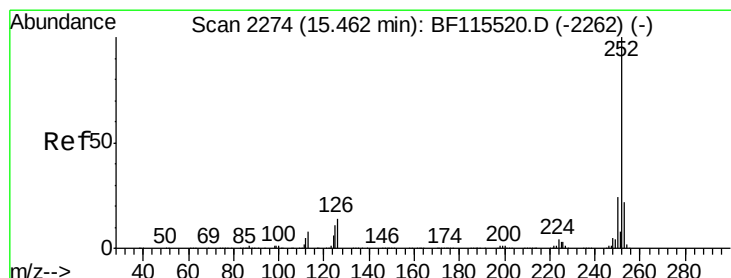
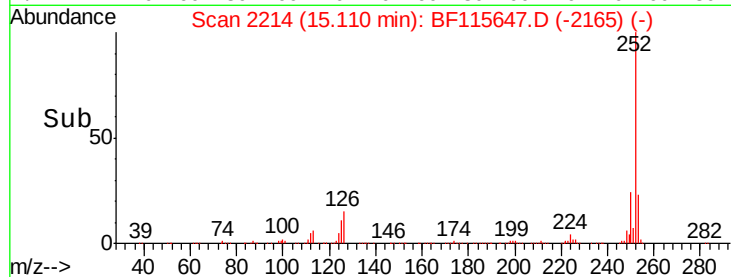
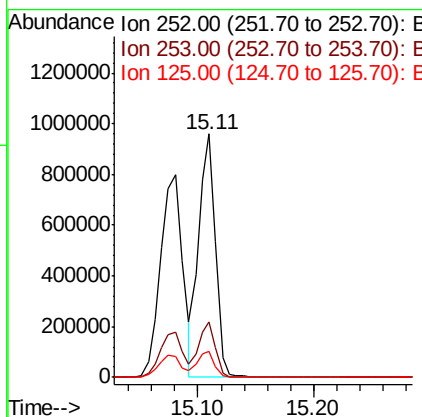
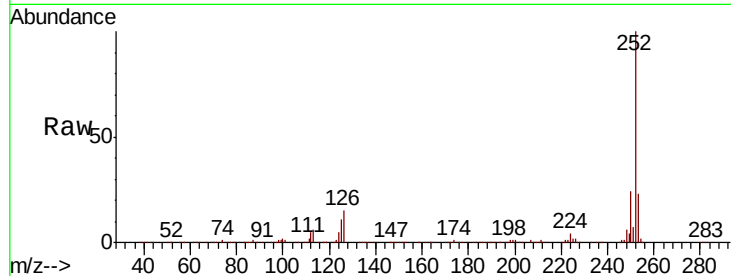
#89
Benzo(k)fluoranthene
Concen: 49.641 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.7	9.0	13.6

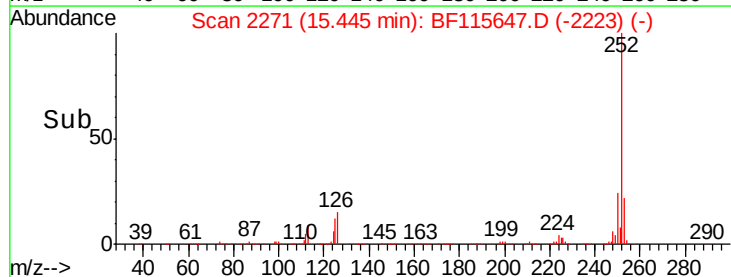
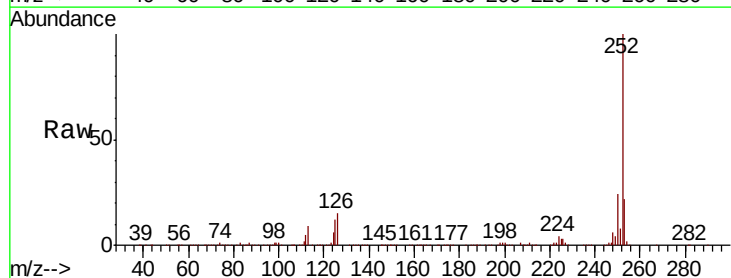
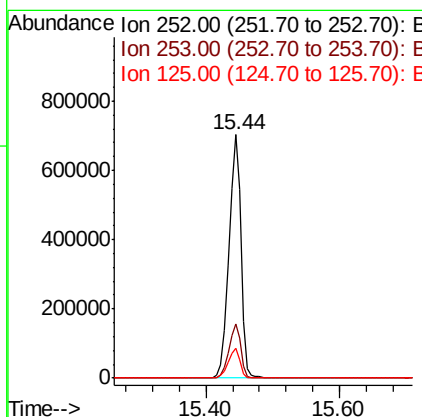
Manual Integrations
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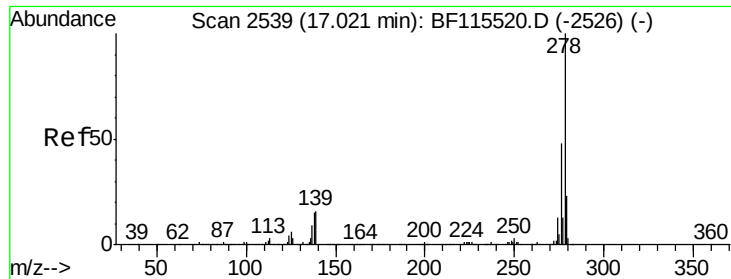
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#90
Benzo(a)pyrene
Concen: 46.821 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.1	9.1	13.7





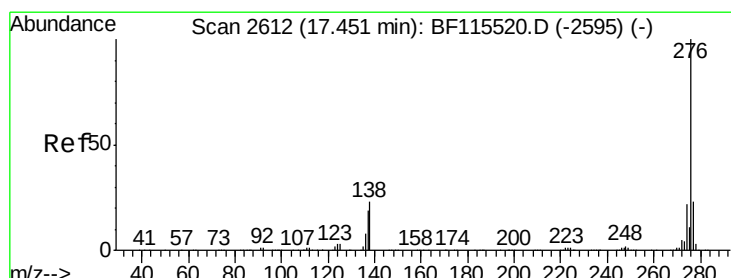
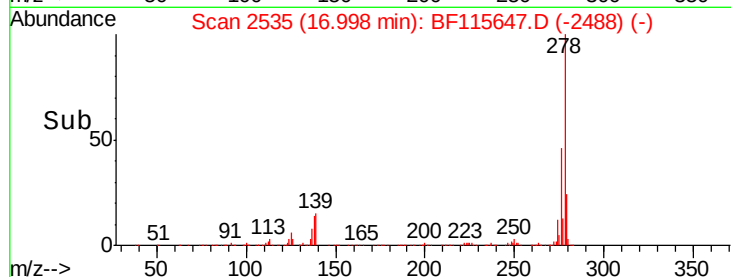
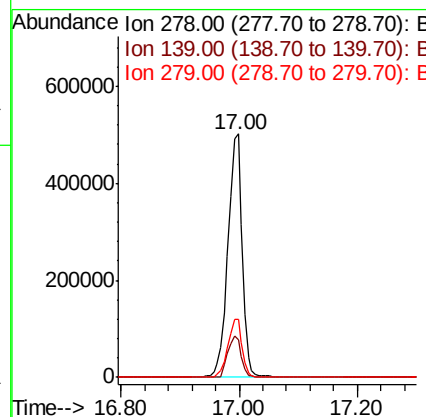
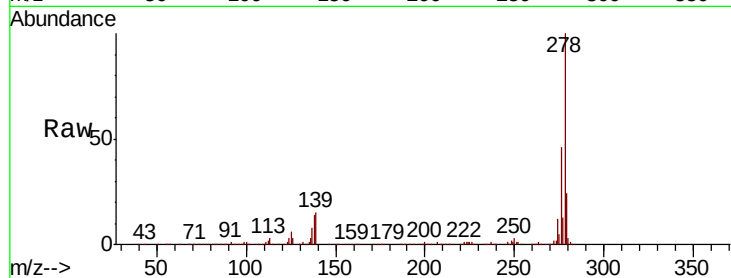
#91
Dibenzo(a,h)anthracene
Concen: 50.414 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.1	19.7
279	23.8	19.6	29.4

Manual Integrations
APPROVED

mohammad
7/19/2019 3:58:19 PM



#92
Benzo(g,h,i)perylene
Concen: 51.167 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115647.D
Acq: 18 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.2	17.2	25.8

