

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119844.D
 Acq On : 9 Apr 2020 00:44
 Operator : MA/SJ
 Sample : PB128044BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Manual Integrations
 APPROVED

mohammad
 4/10/2020 9:57:15 AM

Quant Time: Apr 09 02:38:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	154479	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	620027	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	341052	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	663032	20.00	ng	0.00
76) Chrysene-d12	13.94	240	482543	20.00	ng	0.00
87) Perylene-d12	15.37	264	476048	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1172274	131.14	ng	0.01
7) Phenol-d6	6.40	99	1507342	130.87	ng	0.00
23) Nitrobenzene-d5	7.33	82	943091	78.69	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	508640	121.81	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1959758	81.58	ng	0.00
79) Terphenyl-d14	12.89	244	2354073	82.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	146768	36.864	ng	99
3) Pyridine	3.25	79	400267	36.643	ng	96
4) n-Nitrosodimethylamine	3.20	42	248082	44.450	ng	95
6) Aniline	6.43	93	506814	33.525	ng	97
8) 2-Chlorophenol	6.55	128	472480	47.307	ng	96
9) Benzaldehyde	6.32	77	217032	32.297	ng	97
10) Phenol	6.42	94	603275	46.167	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	443470	43.954	ng	98
12) 1,3-Dichlorobenzene	6.71	146	474398	43.386	ng	97
13) 1,4-Dichlorobenzene	6.79	146	478616	42.970	ng	98
14) 1,2-Dichlorobenzene	6.94	146	460979	44.908	ng	96
15) Benzyl Alcohol	6.92	79	401679m	44.900	ng	
16) 2,2'-oxybis(1-Chloropropan	7.05	45	828702	42.209	ng	99
17) 2-Methylphenol	7.03	107	386637	43.379	ng	96
18) Hexachloroethane	7.28	117	180629	43.392	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	330735	44.653	ng	99
20) 3+4-Methylphenols	7.18	107	482174	44.232	ng	93
22) Acetophenone	7.18	105	635373	43.761	ng	98
24) Nitrobenzene	7.35	77	493821	40.959	ng	99
25) Isophorone	7.59	82	933196	40.392	ng	99
26) 2-Nitrophenol	7.67	139	258347	42.890	ng	97
27) 2,4-Dimethylphenol	7.71	122	416332	45.829	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	602186	44.294	ng	99
29) 2,4-Dichlorophenol	7.91	162	414066	44.467	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	437039	41.422	ng	98
31) Naphthalene	8.07	128	1371662	42.048	ng	99
32) Benzoic acid	7.84	122	343527	43.057	ng	97
33) 4-Chloroaniline	8.12	127	342374	24.108	ng	99
34) Hexachlorobutadiene	8.19	225	245301	38.839	ng	99
35) Caprolactam	8.50	113	131327m	46.105	ng	
36) 4-Chloro-3-methylphenol	8.62	107	459168	45.545	ng	96
37) 2-Methylnaphthalene	8.77	142	951764	43.034	ng	98
38) 1-Methylnaphthalene	8.87	142	937628	44.980	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	440498	40.893	ng	98

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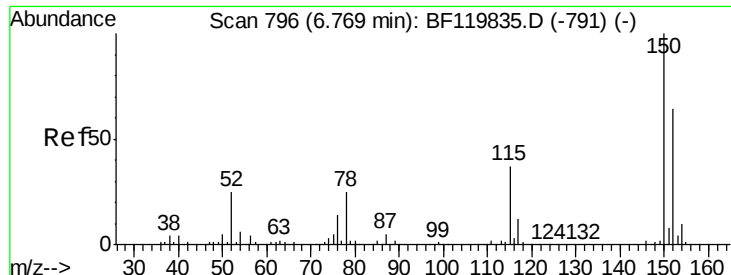
Manual Integrations
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 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	538468	87.909	nq	97
43) 2,4,6-Trichlorophenol	9.05	196	312424	42.001	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	346457	41.354	nq	93
46) 1,1'-Biphenyl	9.23	154	1155750	40.149	nq	98
47) 2-Chloronaphthalene	9.26	162	910474	41.057	nq	97
48) 2-Nitroaniline	9.36	65	337625	42.013	nq	98
49) Acenaphthylene	9.67	152	1479221	43.861	nq	99
50) Dimethylphthalate	9.54	163	1134652	43.012	nq	99
51) 2,6-Dinitrotoluene	9.60	165	253455	43.875	nq	97
52) Acenaphthene	9.85	154	1081589m	48.077	nq	
53) 3-Nitroaniline	9.77	138	185652	28.139	nq	92
54) 2,4-Dinitrophenol	9.87	184	320974	92.806	nq	# 89
55) Dibenzofuran	10.02	168	1299074	42.080	nq	99
56) 4-Nitrophenol	9.94	139	432797	88.165	nq	94
57) 2,4-Dinitrotoluene	10.00	165	340155	44.693	nq	96
58) Fluorene	10.36	166	1042819	42.238	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	299598	46.757	nq	100
60) Diethylphthalate	10.24	149	1224487	44.786	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	500750	39.572	nq	100
62) 4-Nitroaniline	10.39	138	289336	46.017	nq	97
63) Azobenzene	10.52	77	1169137	47.715	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	212467	48.640	nq	90
66) n-Nitrosodiphenylamine	10.47	169	1029474	46.687	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	336414	40.800	nq	99
68) Hexachlorobenzene	10.91	284	359336	42.959	nq	99
69) Atrazine	11.00	200	318259	51.875	nq	99
70) Pentachlorophenol	11.10	266	420704	87.276	nq	98
71) Phenanthrene	11.33	178	1530094	43.361	nq	99
72) Anthracene	11.37	178	1600014	44.386	nq	99
73) Carbazole	11.53	167	1440714	42.263	nq	99
74) Di-n-butylphthalate	11.87	149	1912068	42.667	nq	99
75) Fluoranthene	12.52	202	1695651	44.535	nq	96
77) Benzidine	12.63	184	673373	41.283	nq	97
78) Pyrene	12.74	202	1672869	41.123	nq	100
80) Butylbenzylphthalate	13.36	149	794356	40.243	nq	100
81) Benzo(a)anthracene	13.93	228	1346036	42.402	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	388714	32.818	nq	97
83) Chrysene	13.97	228	1376700	42.681	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	1080874	40.436	nq	100
85) Di-n-octyl phthalate	14.54	149	1924542	42.285	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1237845	43.536	nq	99
88) Benzo(b)fluoranthene	14.97	252	1549139	45.236	nq	99
89) Benzo(k)fluoranthene	15.00	252	1349981	45.688	nq	100
90) Benzo(a)pyrene	15.32	252	1219813	42.364	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	1030474	40.402	nq	98
92) Benzo(g,h,i)perylene	17.23	276	986314	39.176	nq	100

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



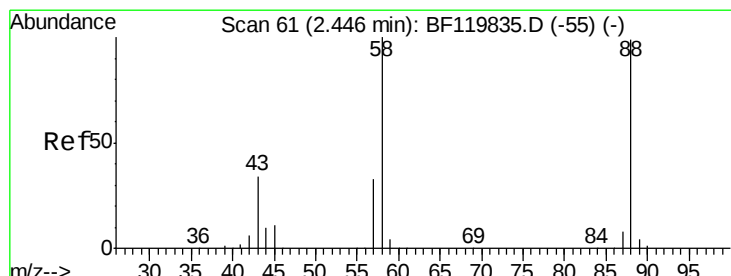
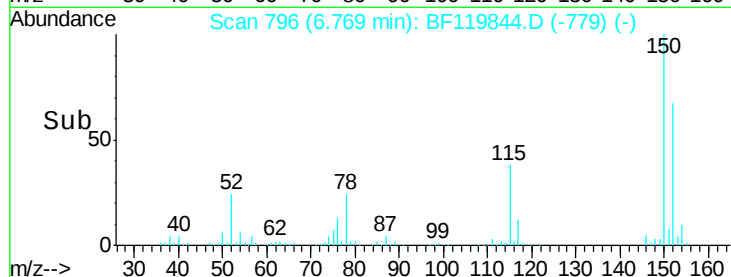
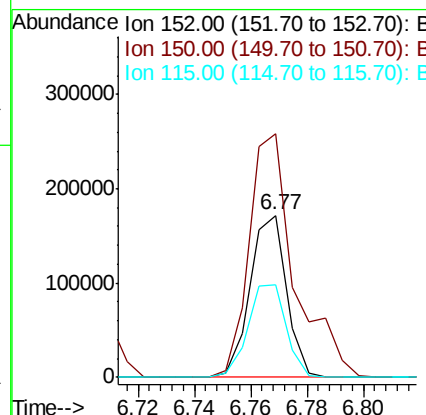
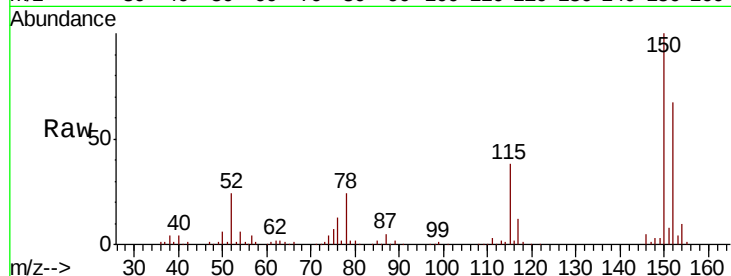
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.8	187.2
115	57.1	46.5	69.7

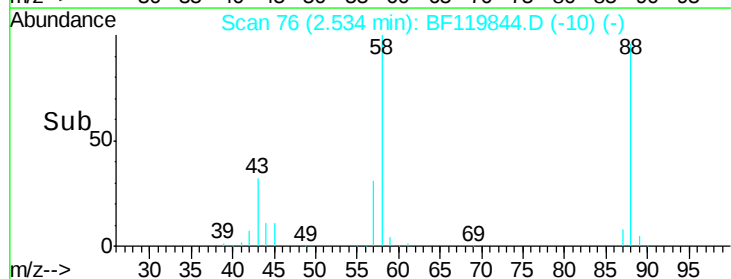
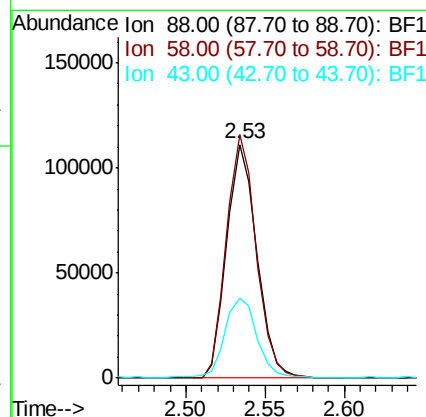
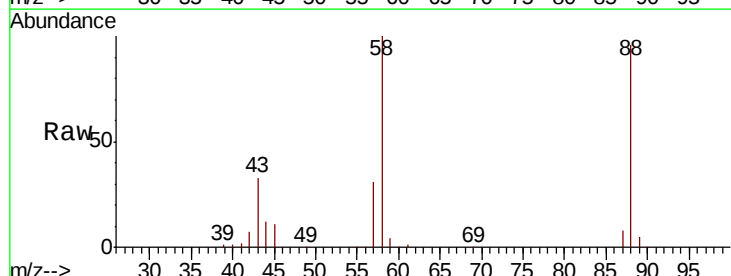
Manual Integrations
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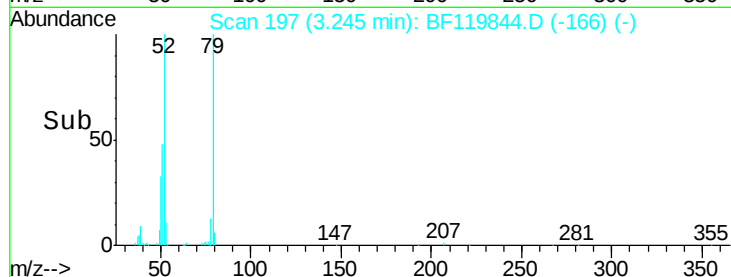
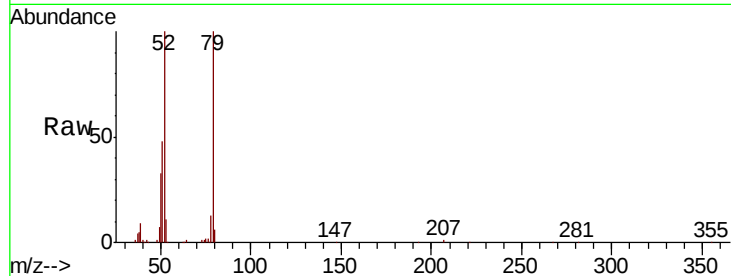
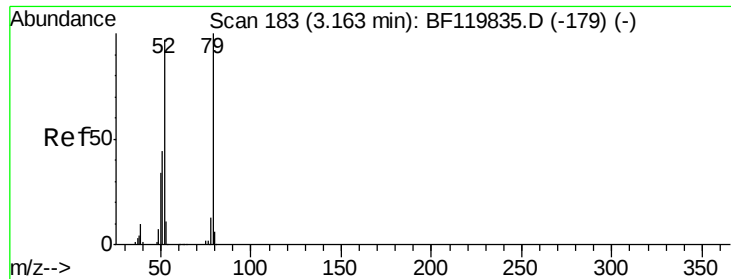
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#2
 1,4-Dioxane
 Concen: 36.864 ng
 RT: 2.53 min Scan# 76
 Delta R.T. 0.09 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.1	82.6	123.8
43	37.2	28.6	42.8





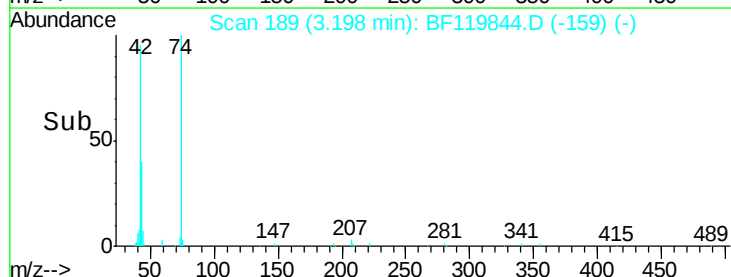
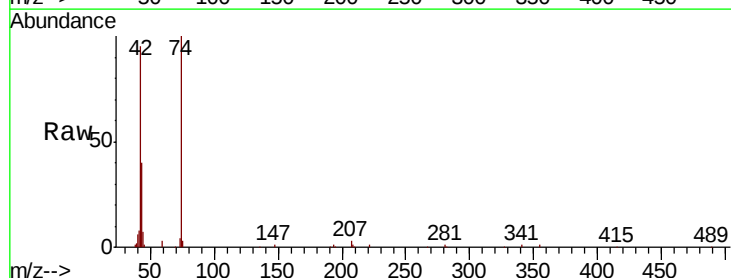
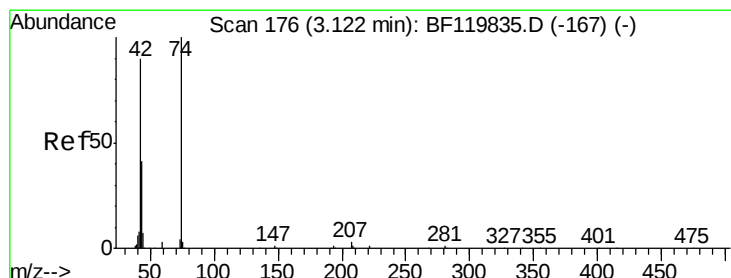
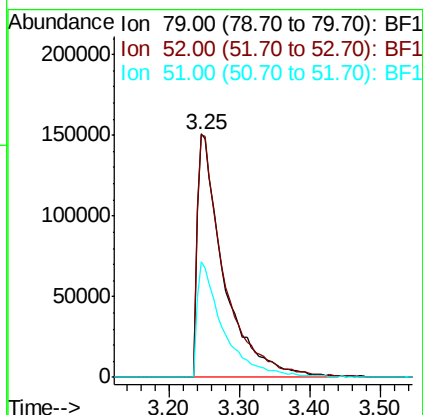
#3
Pvridine
Concen: 36.643 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.08 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.7	77.4	116.0
51	47.5	35.3	52.9

Instrument :
BNA_F
ClientSampleId :
PB128044BS

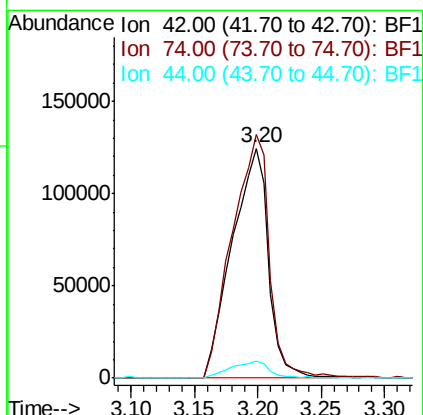
Manual Integrations
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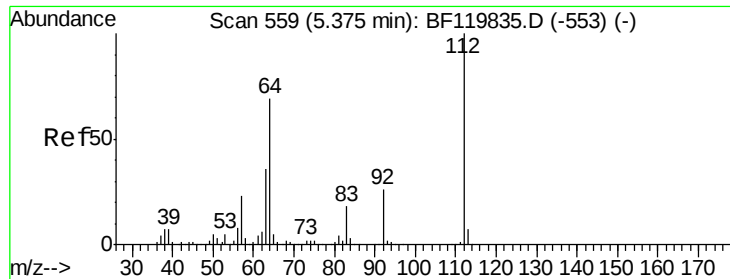
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#4
n-Nitrosodimethylamine
Concen: 44.450 ng
RT: 3.20 min Scan# 189
Delta R.T. 0.08 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.8	89.0	133.4
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 131.144 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:112 Resp: 1172274

Ion Ratio Lower Upper

112 100

64 70.2 55.5 83.3

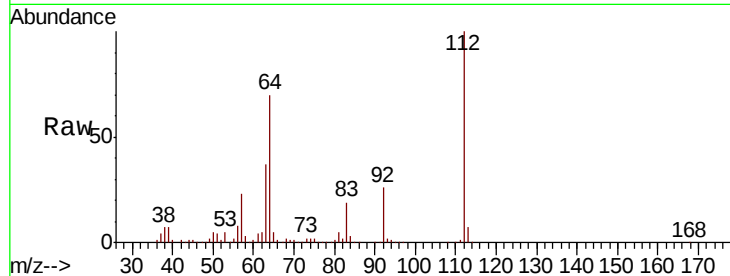
63 36.7 29.1 43.7

Manual Integrations

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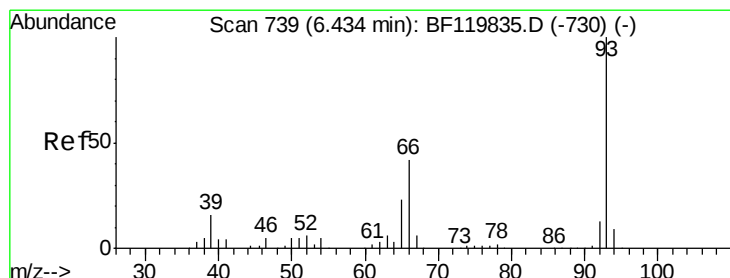
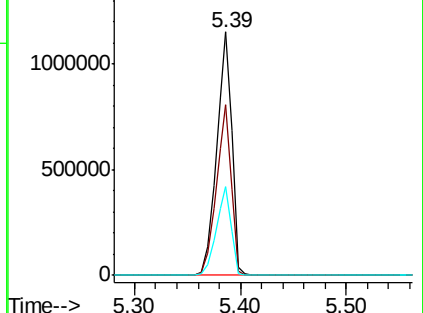
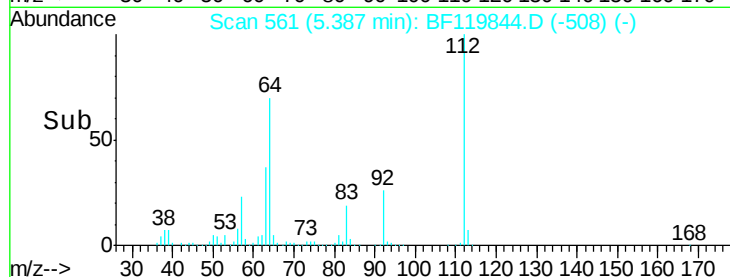
4/10/2020 9:57:15 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.525 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

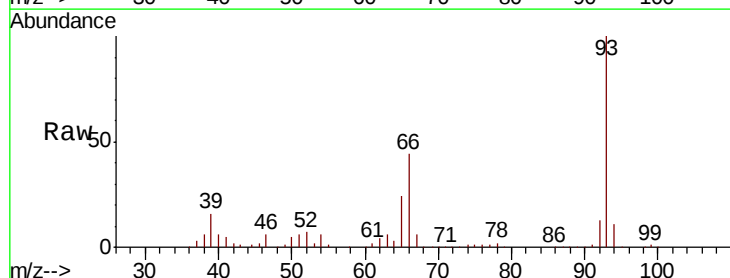
Tgt Ion: 93 Resp: 506814

Ion Ratio Lower Upper

93 100

66 44.2 34.2 51.2

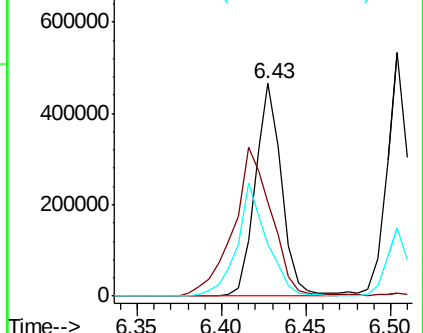
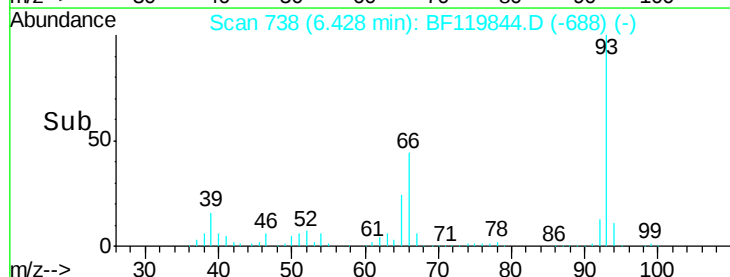
65 24.4 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.867 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion: 99 Resp: 1507342

Ion Ratio Lower Upper

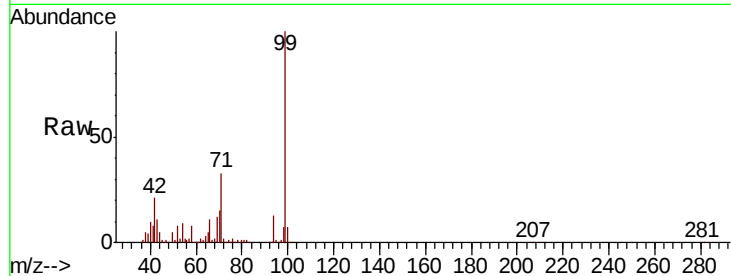
99 100

42 21.3 16.9 25.3

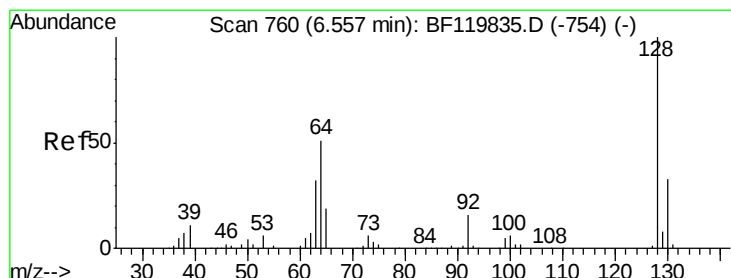
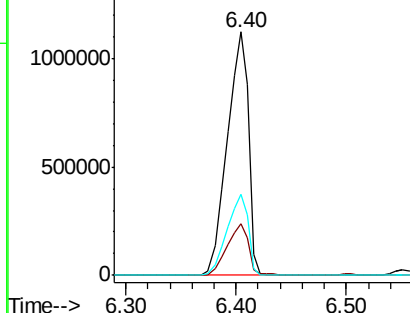
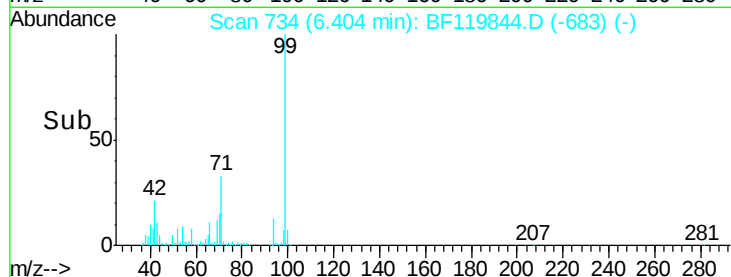
71 33.5 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.307 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

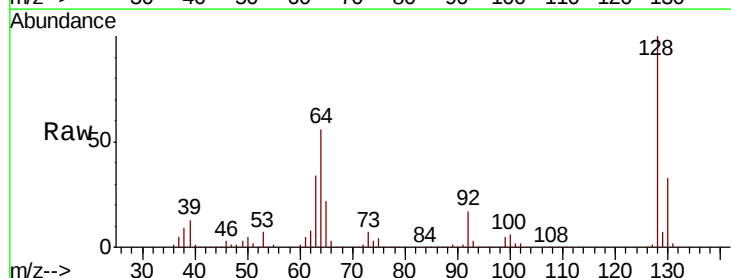
Tgt Ion: 128 Resp: 472480

Ion Ratio Lower Upper

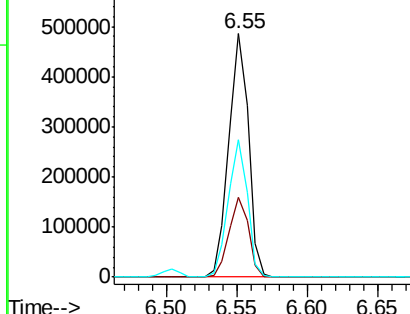
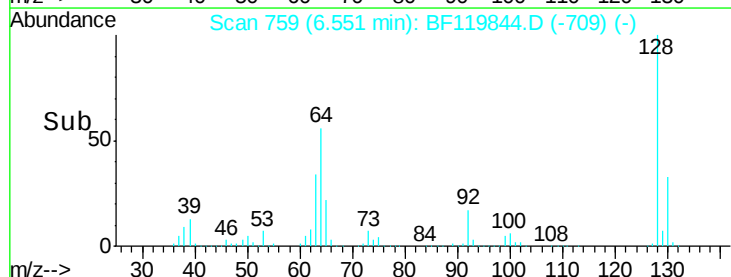
128 100

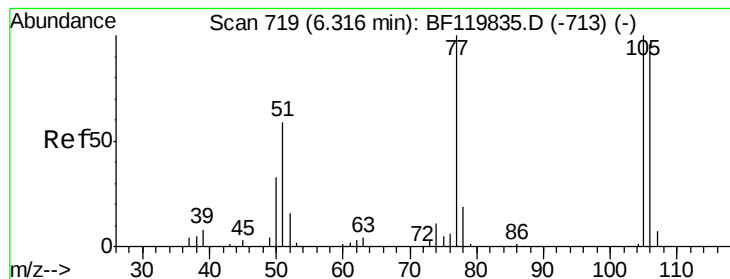
130 32.7 12.6 52.6

64 56.5 32.0 72.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.297 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion: 77 Resp: 217032

Ion Ratio Lower Upper

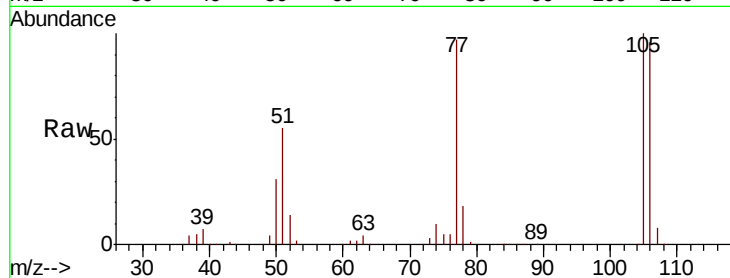
77 100

105 103.1 79.9 119.9

106 98.8 76.4 116.4

Manual Integrations
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4/10/2020 9:57:15 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

300000

250000

200000

150000

100000

50000

0

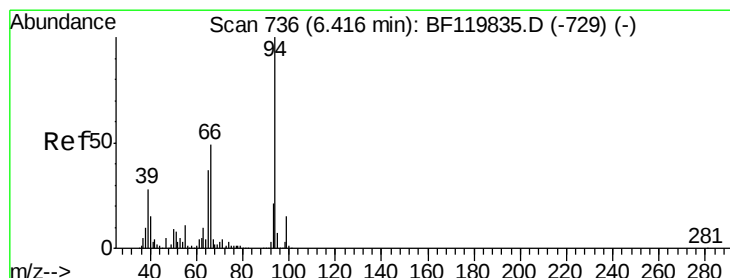
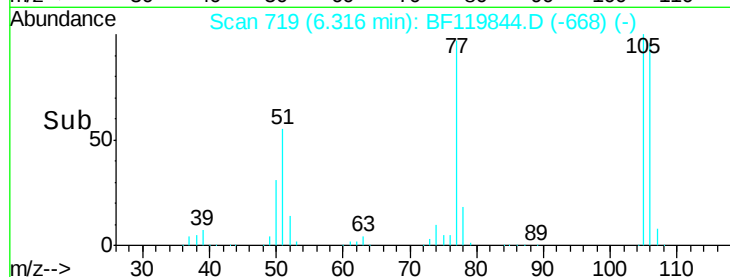
6.32

6.25

6.30

6.35

Time-->



#10

Phenol

Concen: 46.167 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

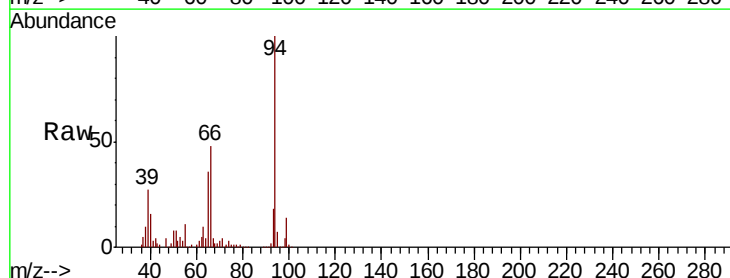
Tgt Ion: 94 Resp: 603275

Ion Ratio Lower Upper

94 100

65 36.0 16.6 56.6

66 47.6 29.3 69.3



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

800000

600000

400000

200000

0

6.42

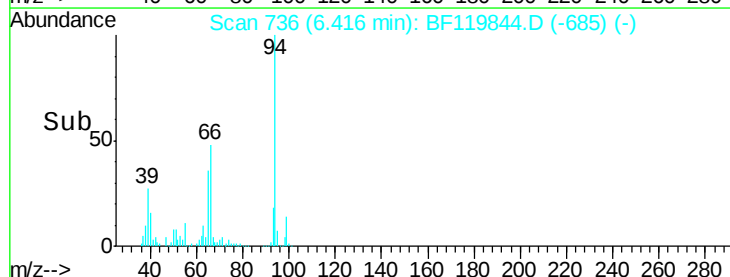
6.35

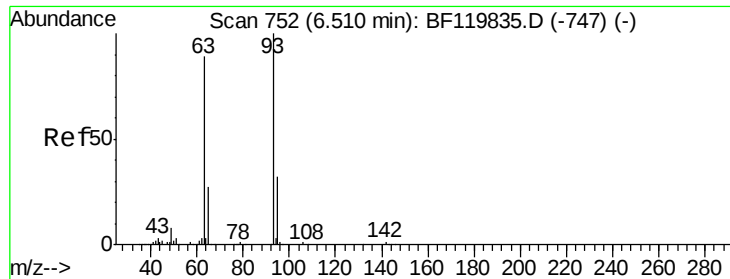
6.40

6.45

6.50

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 43.954 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

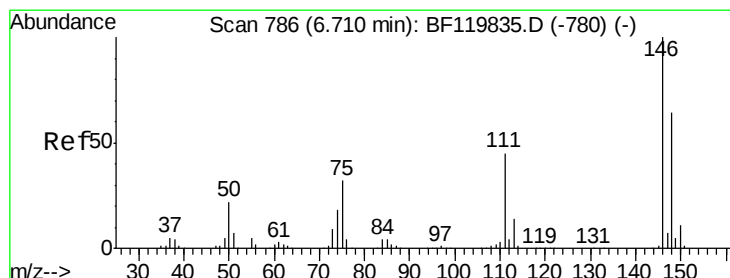
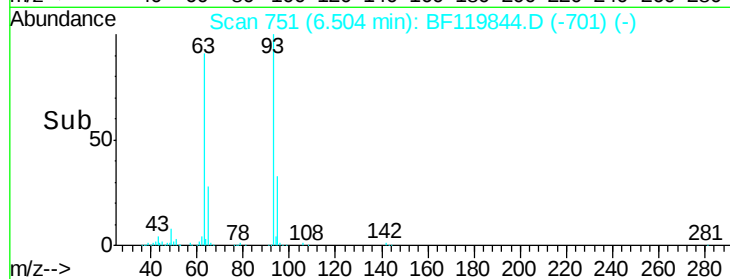
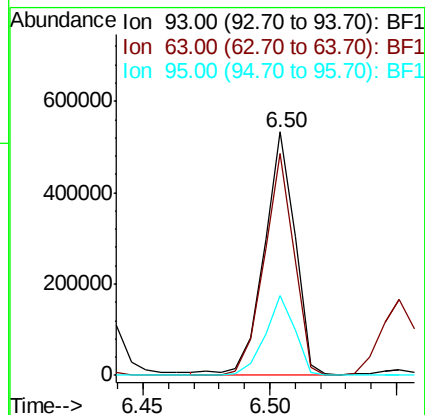
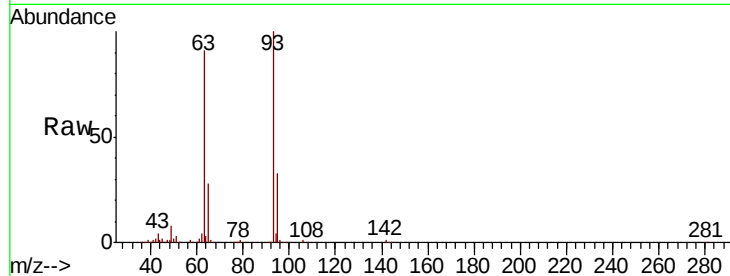
ClientSampleId :

PB128044BS

Tot Ion:	93	Resp:	443470
Ion	Ratio	Lower	Upper
93	100		
63	91.3	69.1	109.1
95	32.8	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 43.386 ng

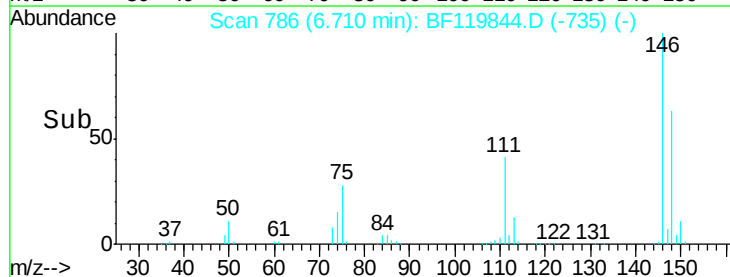
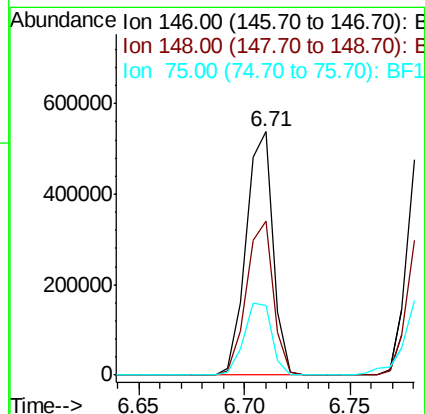
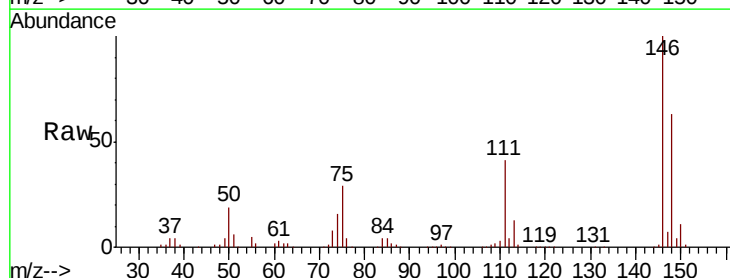
RT: 6.71 min Scan# 786

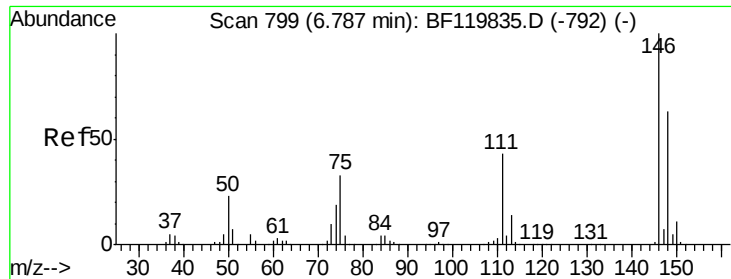
Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Tgt Ion:	146	Resp:	474398
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.3	76.9
75	28.6	25.3	37.9





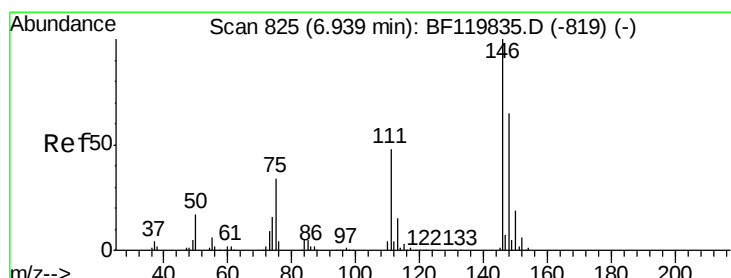
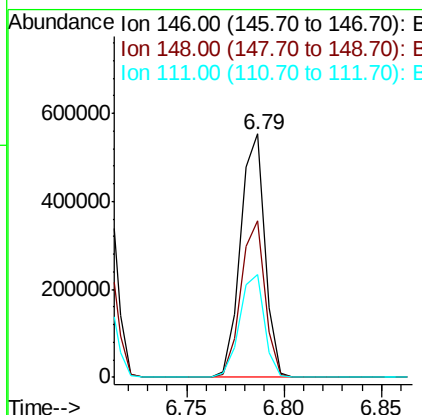
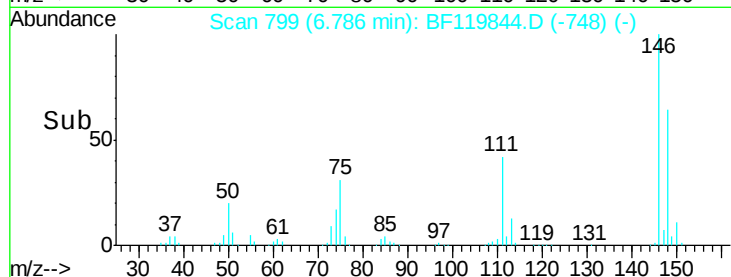
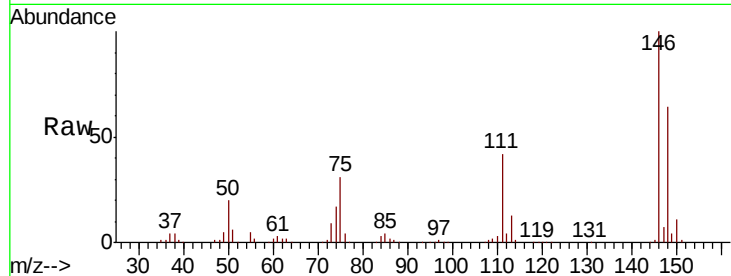
#13
 1,4-Dichlorobenzene
 Concen: 42.970 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	42.1	34.7	52.1

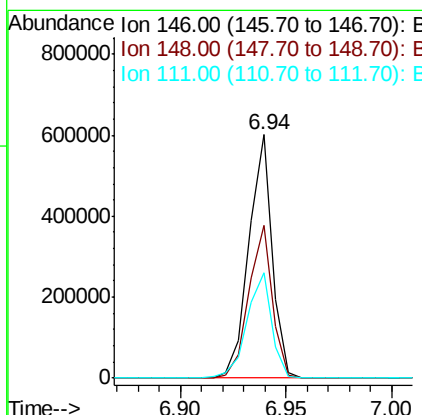
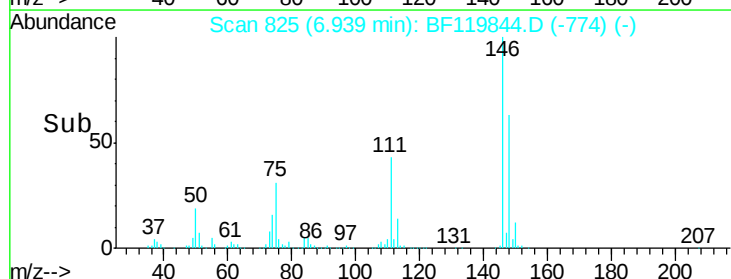
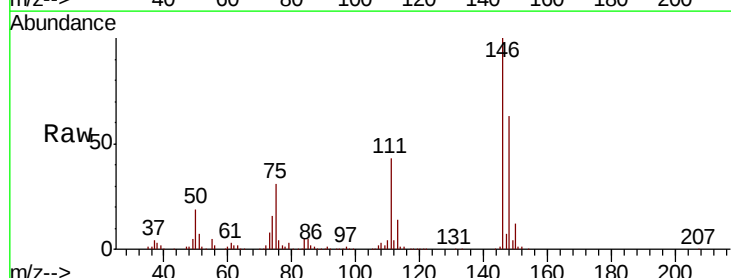
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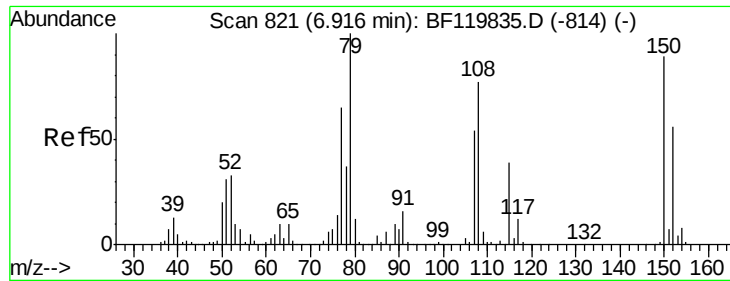
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#14
 1,2-Dichlorobenzene
 Concen: 44.908 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
111	43.2	38.0	57.0





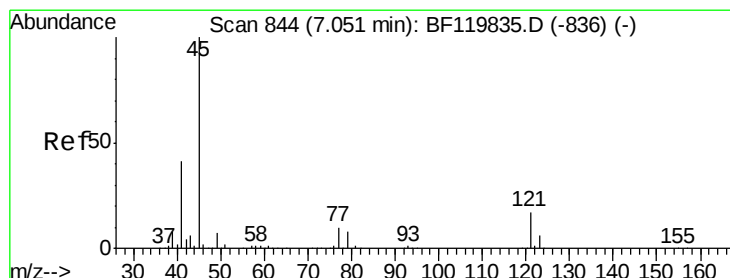
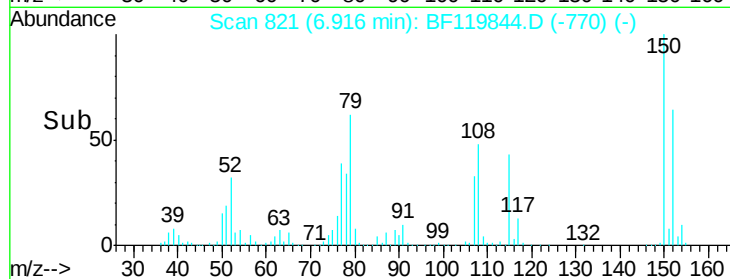
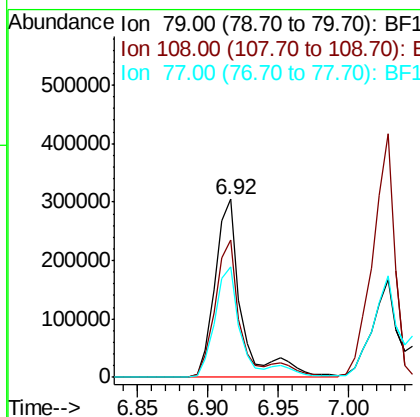
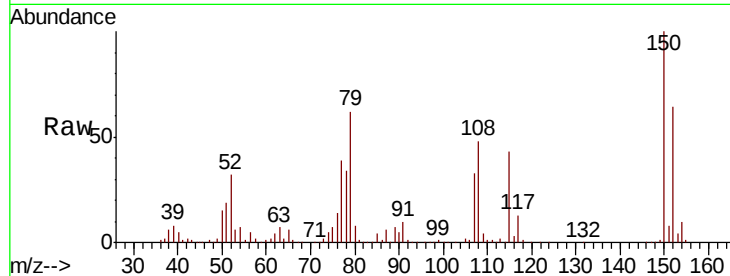
#15
Benzyl Alcohol
Concen: 44.900 ng/ml
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion: 79 Resp: 401679
Ion Ratio Lower Upper
79 100
108 77.0 62.0 93.0
77 62.3 51.8 77.6

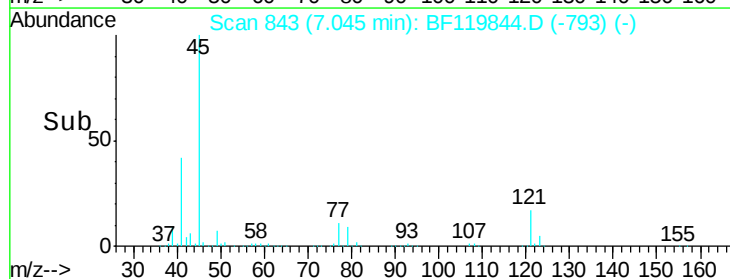
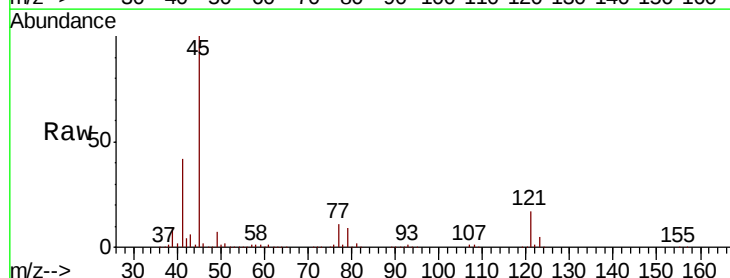
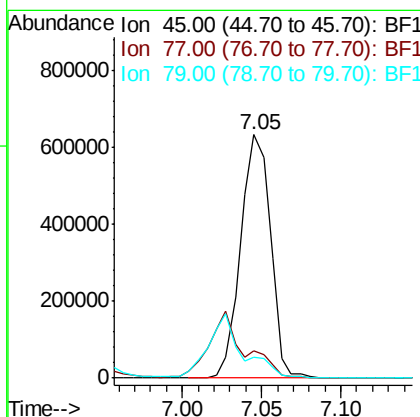
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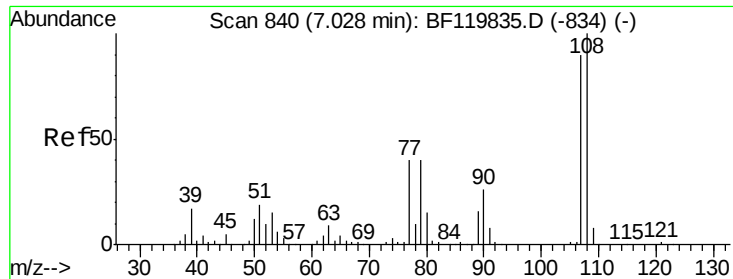
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.209 ng/ml
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion: 45 Resp: 828702
Ion Ratio Lower Upper
45 100
77 11.2 0.0 30.7
79 8.5 0.0 28.6





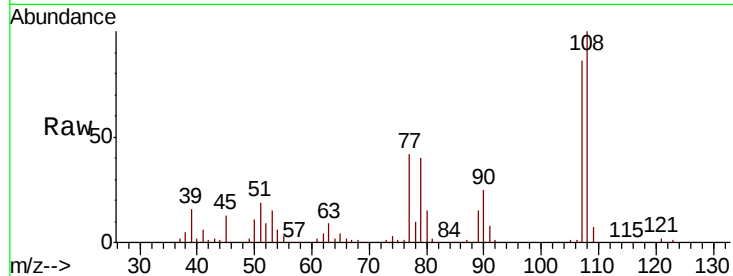
#17
2-Methylphenol
Concen: 43.379 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

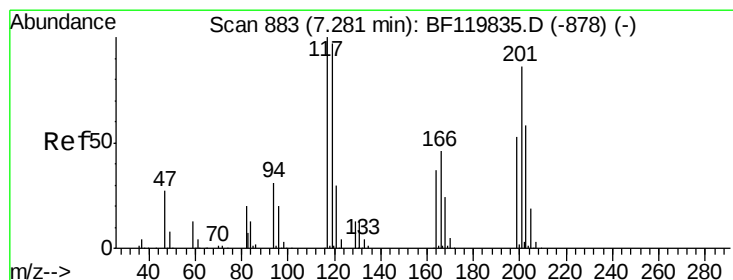
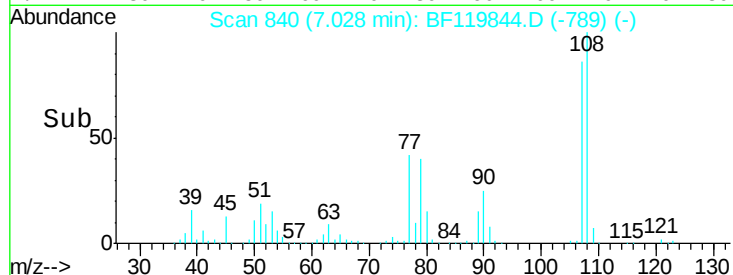
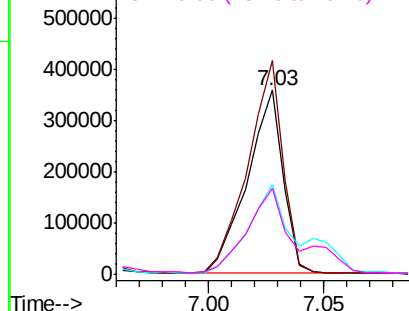
Tot Ion:	107	Resp:	386637
Ion Ratio	Lower	Upper	
107	100		
108	115.9	88.8	133.2
77	48.5	36.0	54.0
79	46.3	35.7	53.5

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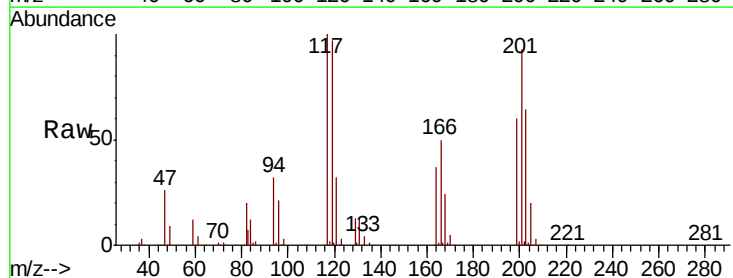


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

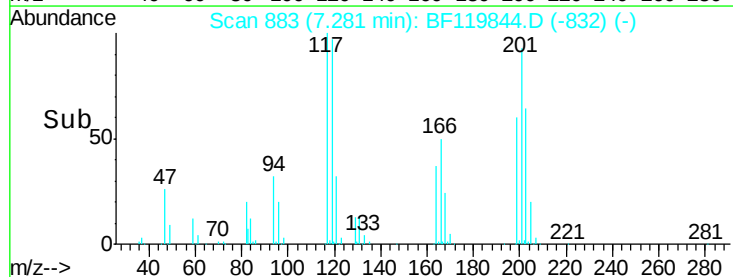
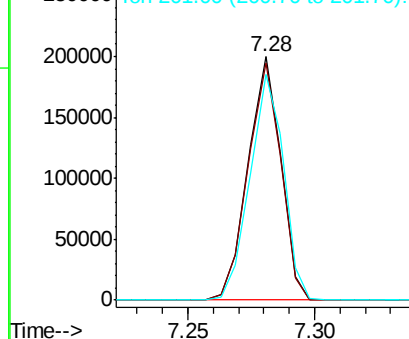


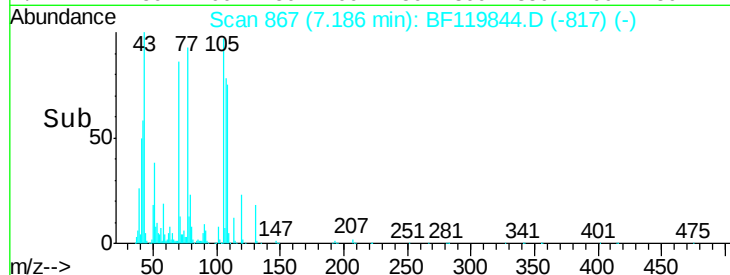
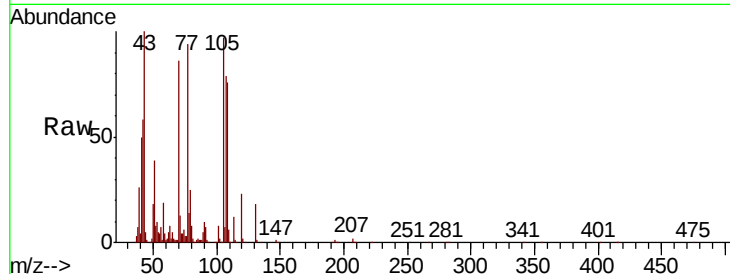
#18
Hexachloroethane
Concen: 43.392 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:	117	Resp:	180629
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.4	116.0
201	92.5	68.4	102.6



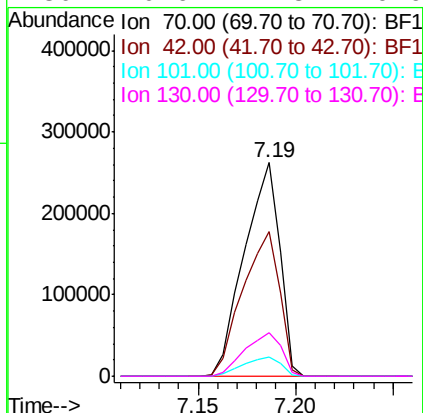
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 44.653 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

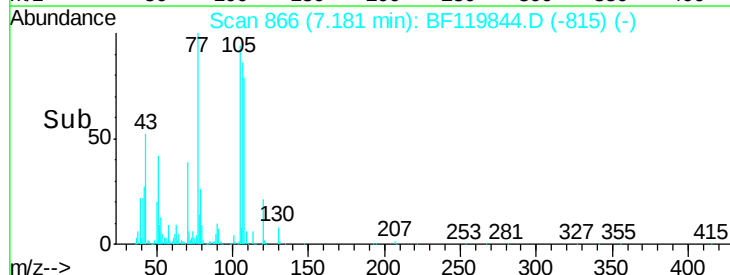
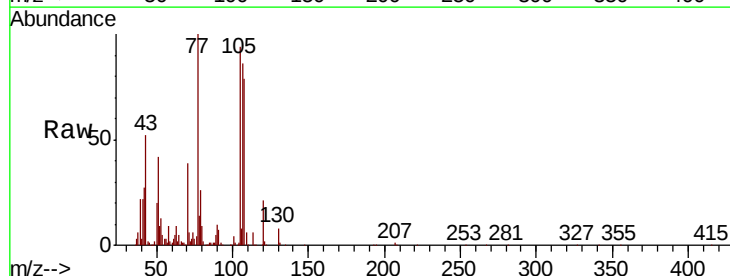
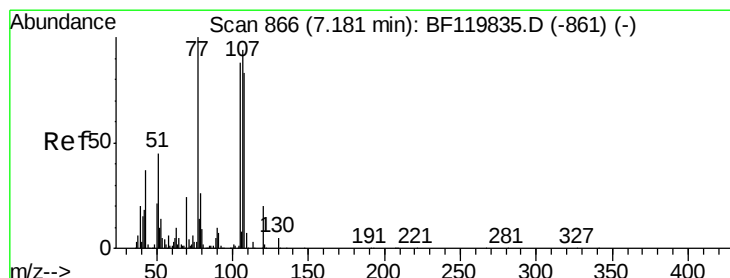
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.0	54.2	81.4	
101	9.2	7.4	11.2	
130	20.6	17.8	26.6	



Instrument :
BNA_F
ClientSampleId :
PB128044BS

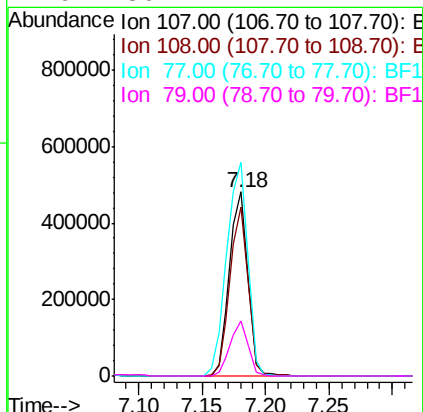
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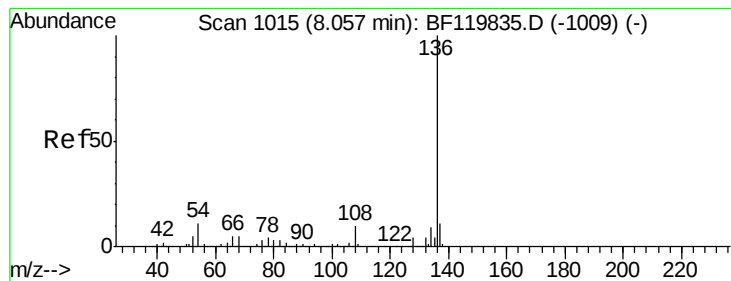
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#20
3+4-Methylphenols
Concen: 44.232 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	68.2	108.2	
77	116.1	86.6	126.6	
79	30.2	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

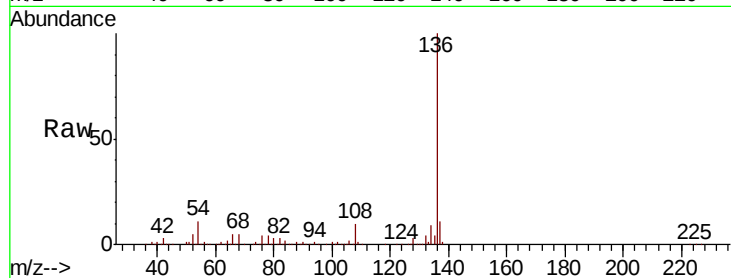
ClientSampleId :

PB128044BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	620027		
137	10.9		8.7	13.1
54	10.6		8.5	12.7
68	5.5		3.9	5.9

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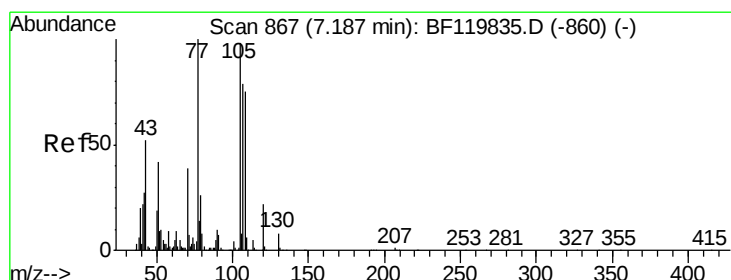
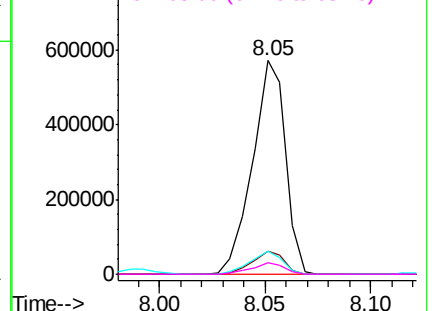
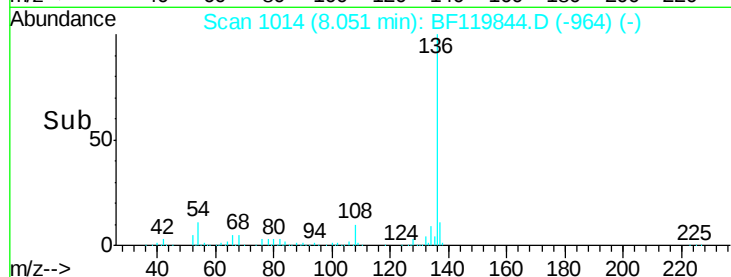


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.761 ng

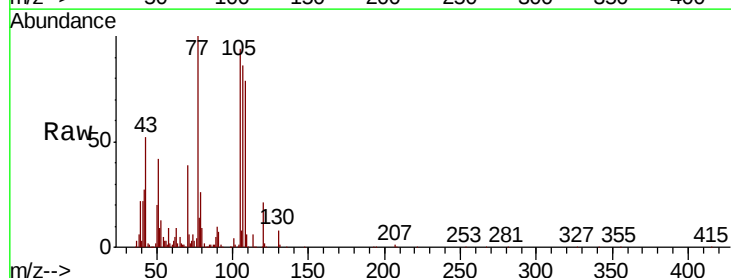
RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	635373		
71	6.6		5.6	8.4
51	44.4		33.9	50.9
120	22.0		17.8	26.8

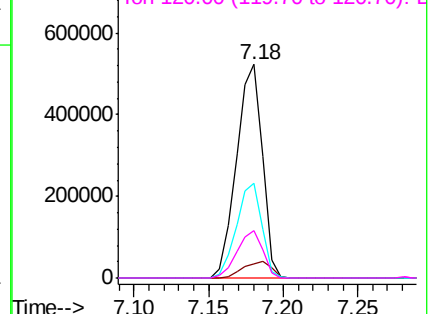
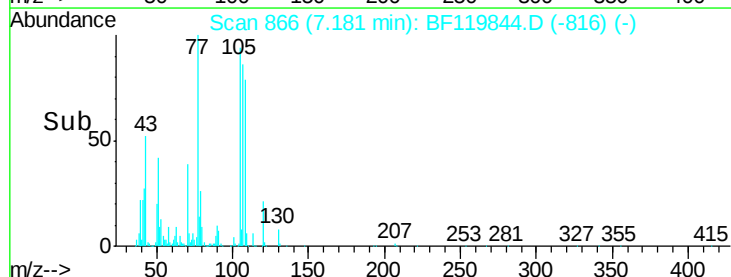


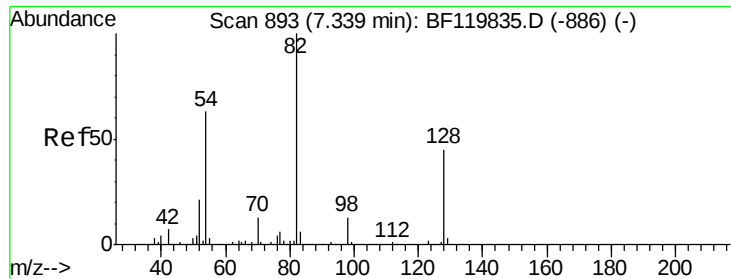
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





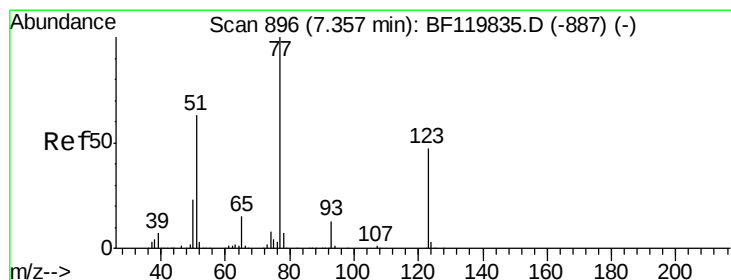
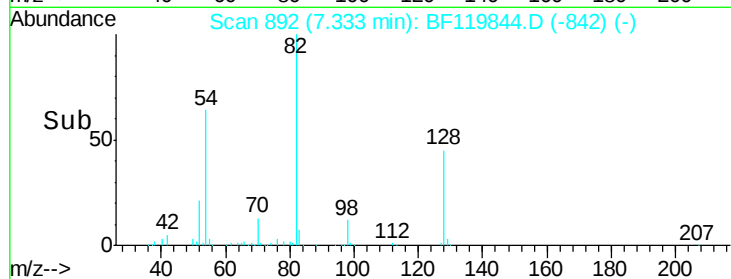
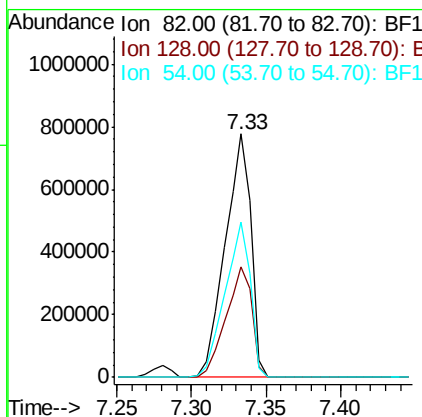
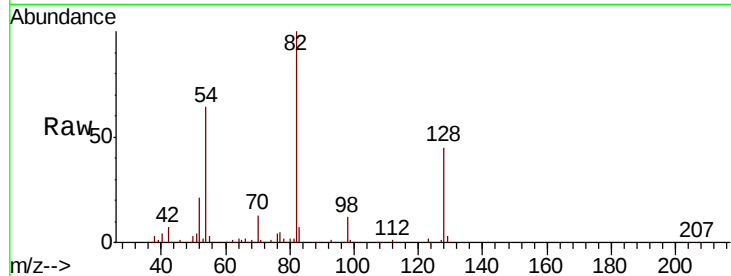
#23
 Nitrobenzene-d5
 Concen: 78.689 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.2	54.4
54	63.9	50.4	75.6

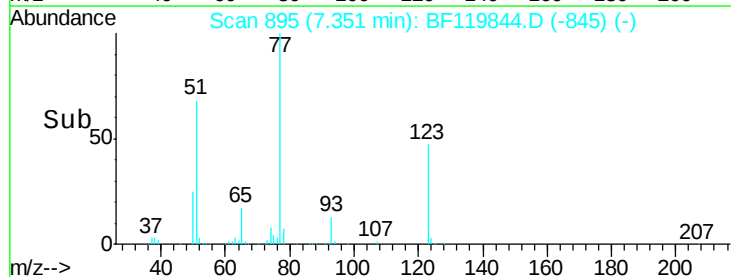
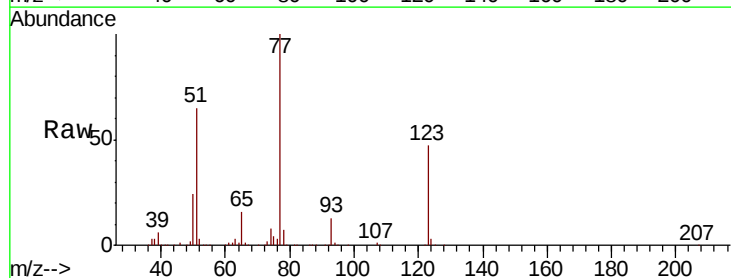
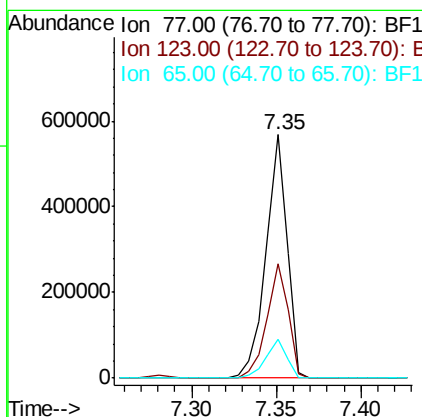
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#24
 Nitrobenzene
 Concen: 40.959 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.8	56.8
65	15.7	12.2	18.2





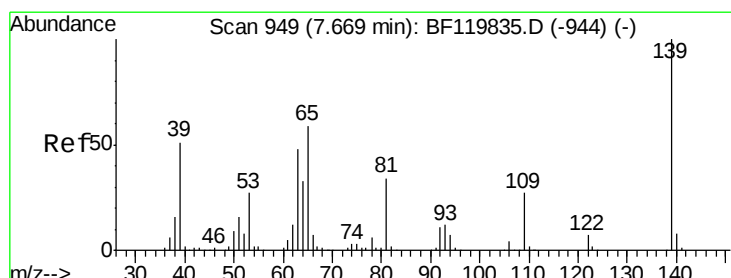
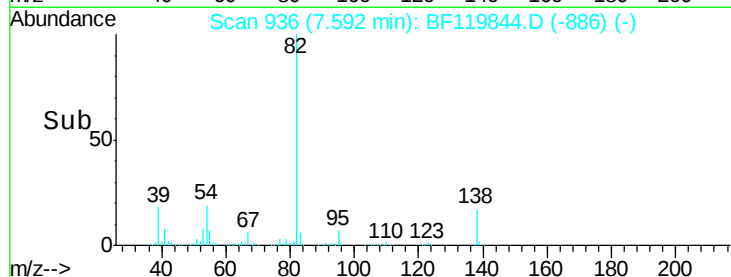
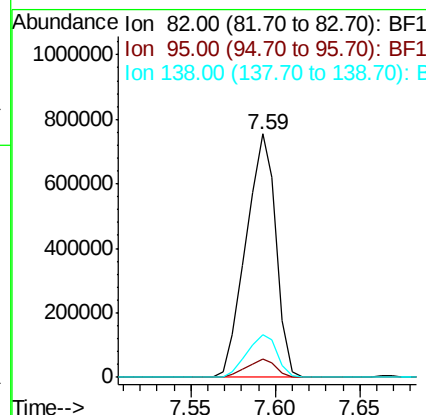
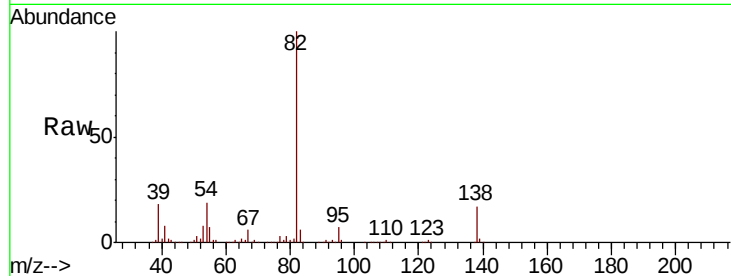
#25
Isophorone
Concen: 40.392 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	933196		
95	7.3		5.8	8.6
138	17.5		14.5	21.7

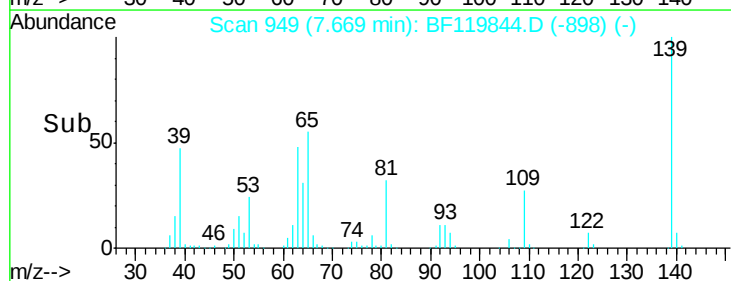
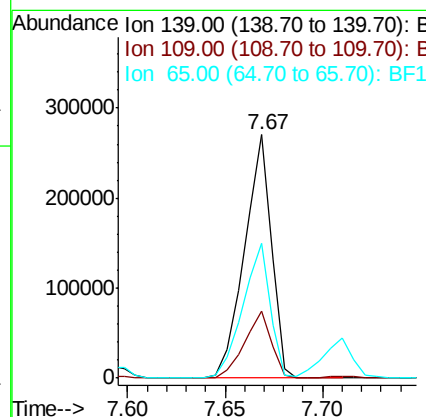
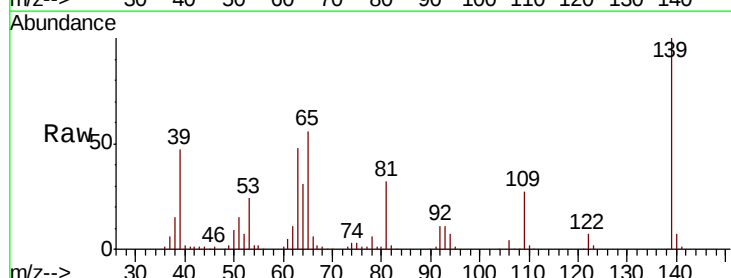
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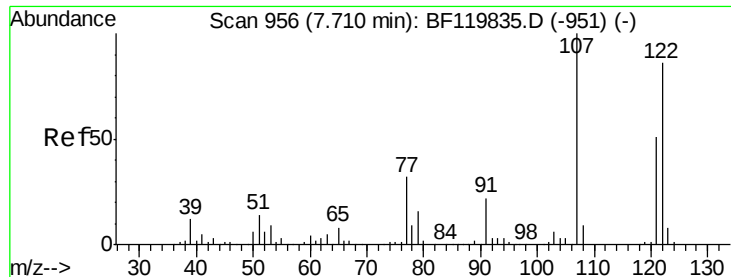
mohammad
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#26
2-Nitrophenol
Concen: 42.890 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	258347		
109	27.3		21.8	32.6
65	55.6		47.0	70.4





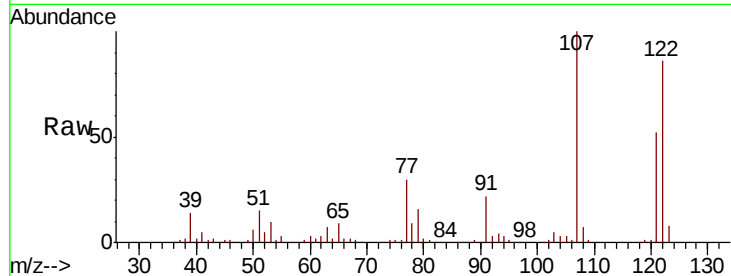
#27
2,4-Dimethylphenol
Concen: 45.829 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	92.3	138.5
121	60.4	46.6	70.0

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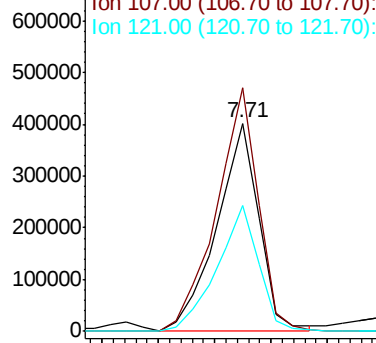


Abundance

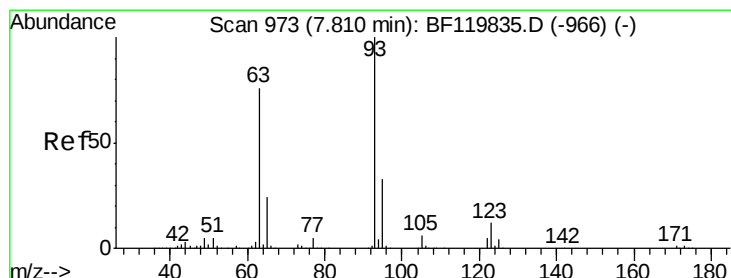
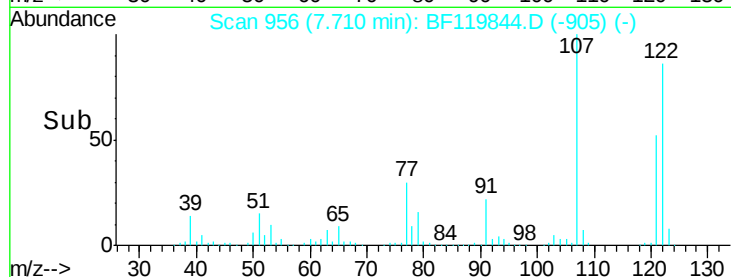
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

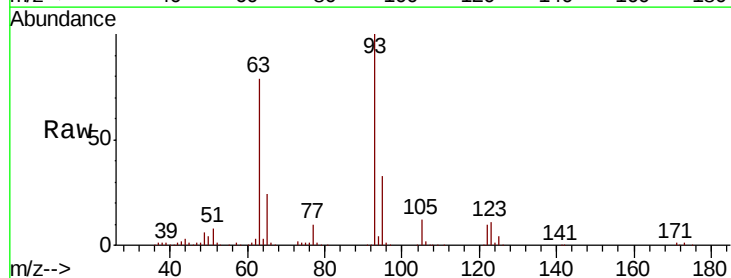


Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 44.294 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.4	39.6
123	11.4	9.7	14.5

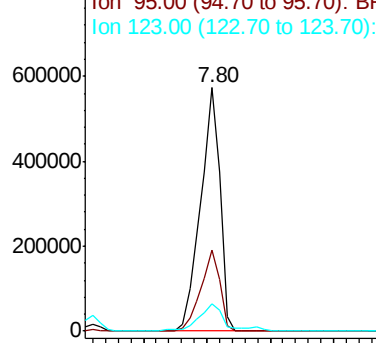


Abundance

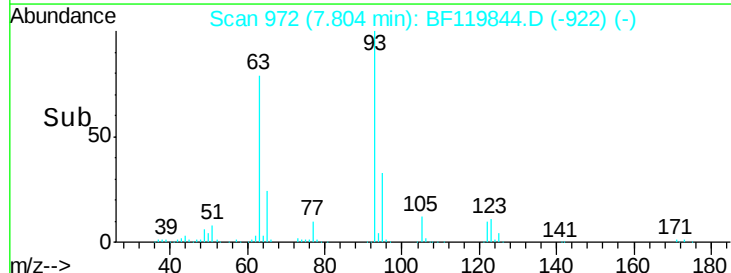
Ion 93.00 (92.70 to 93.70): BF1

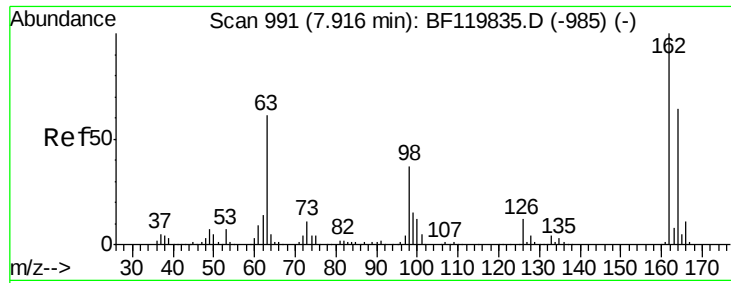
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->





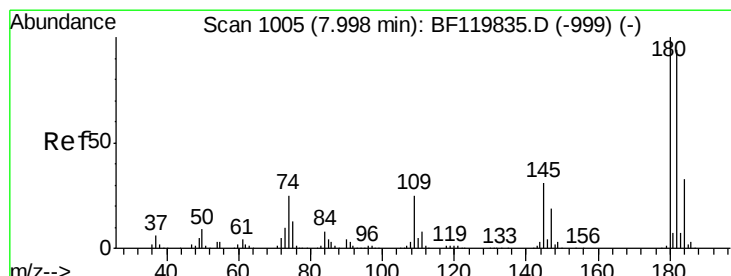
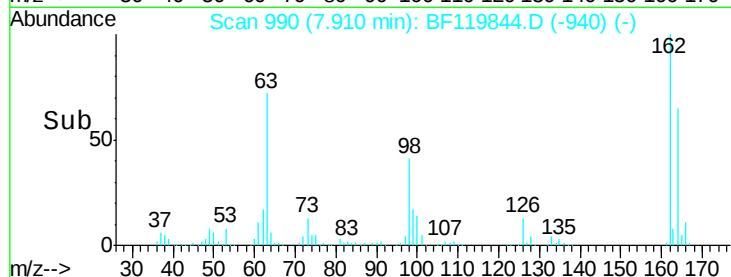
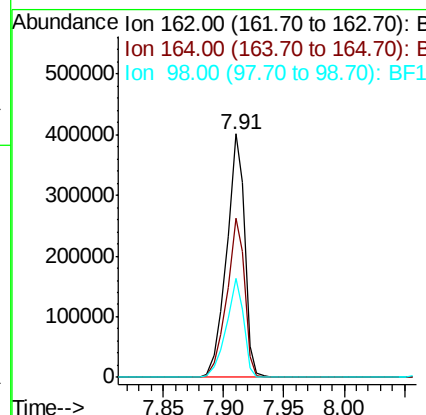
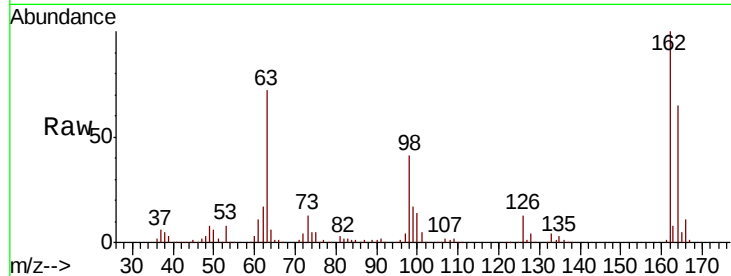
#29
 2,4-Dichlorophenol
 Concen: 44.467 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		414066		
164	65.1	44.4		84.4	
98	40.8	17.3		57.3	

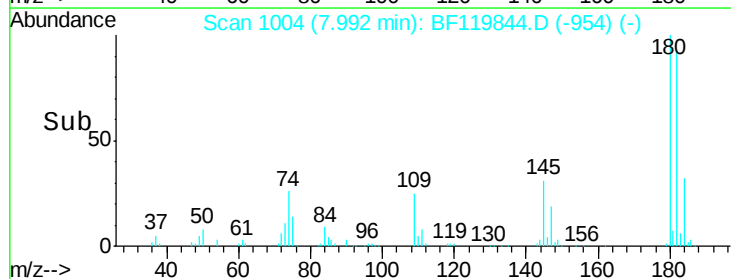
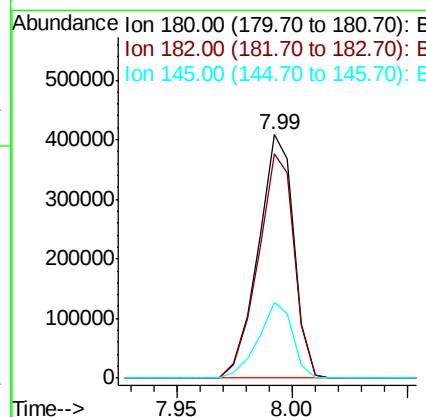
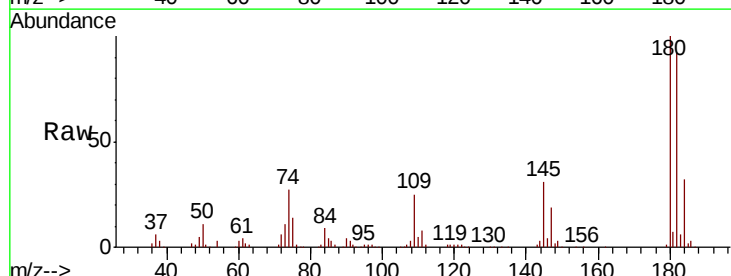
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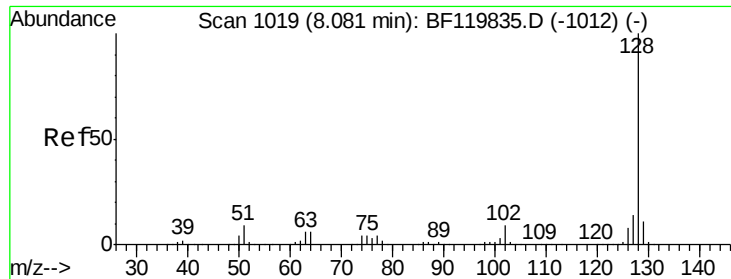
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.422 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		437039		
182	92.4	75.4		113.0	
145	31.1	24.6		37.0	





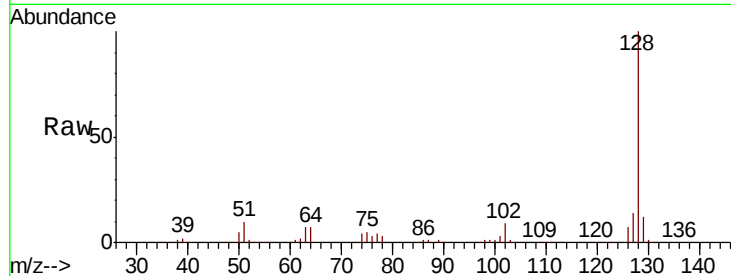
#31
Naphthalene
Concen: 42.048 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

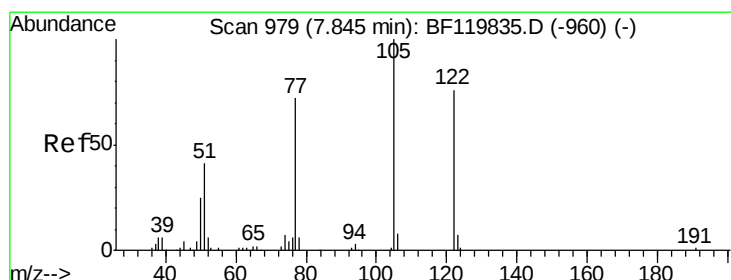
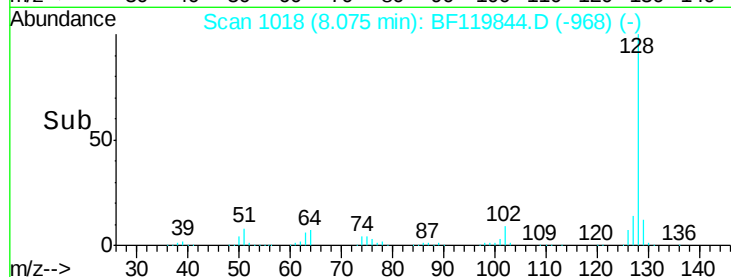
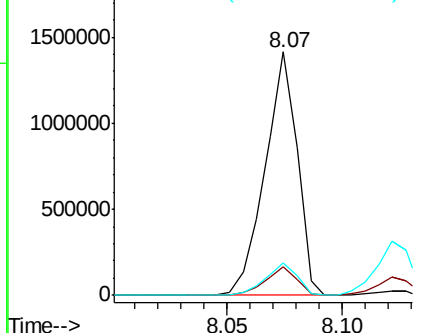
Tot Ion:128 Resp: 1371662
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.5 11.0 16.4

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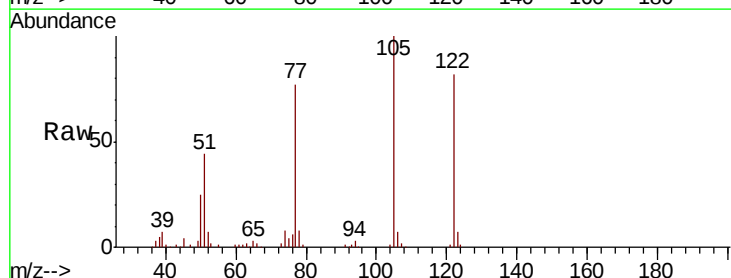


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

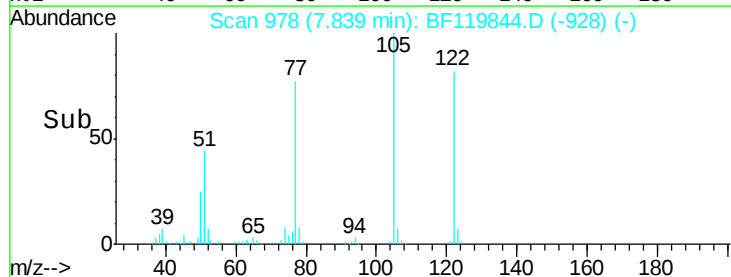
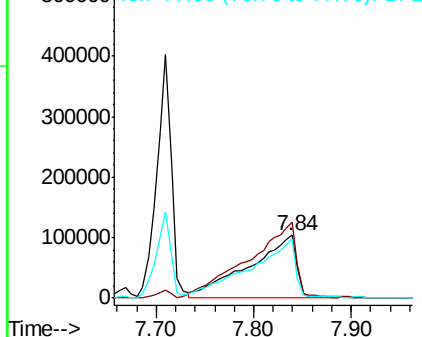


#32
Benzoic acid
Concen: 43.057 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:122 Resp: 343527
Ion Ratio Lower Upper
122 100
105 121.6 106.7 146.7
77 94.0 72.1 112.1



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





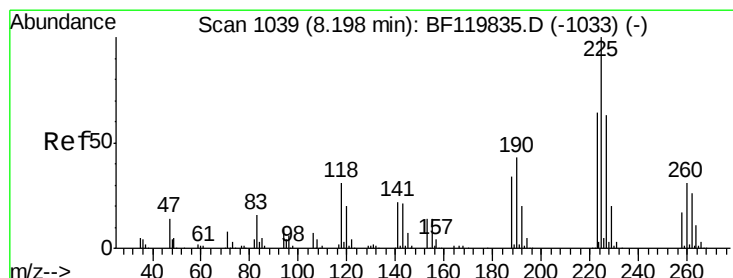
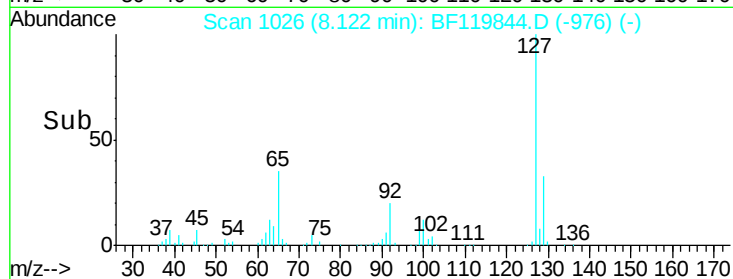
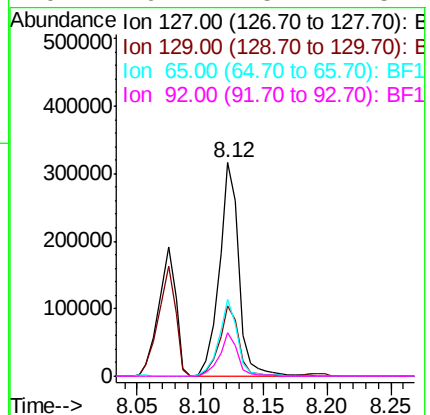
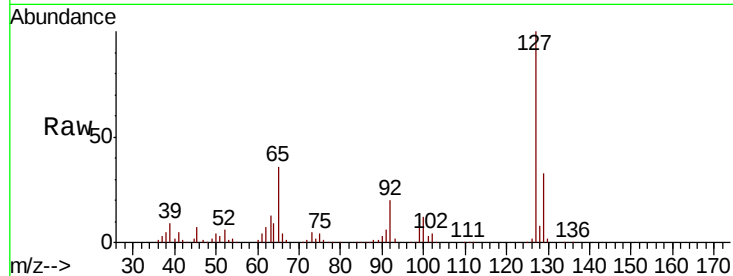
#33
4-Chloroaniline
Concen: 24.108 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	35.9	28.3	42.5		
92	20.4	15.4	23.2		

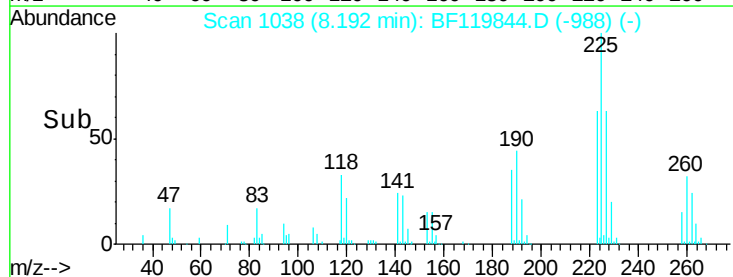
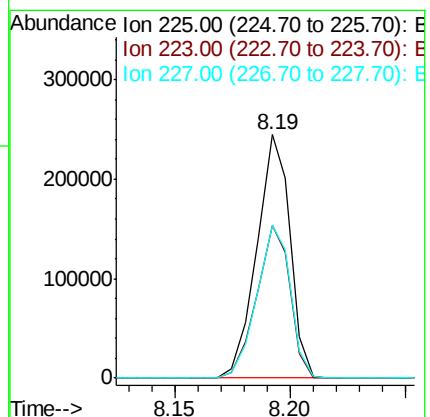
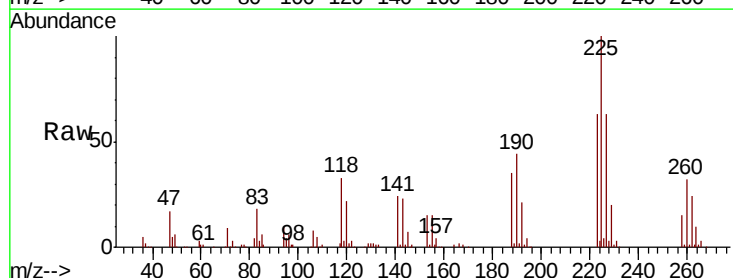
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#34
Hexachlorobutadiene
Concen: 38.839 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.0	76.6		
227	62.9	50.4	75.6		





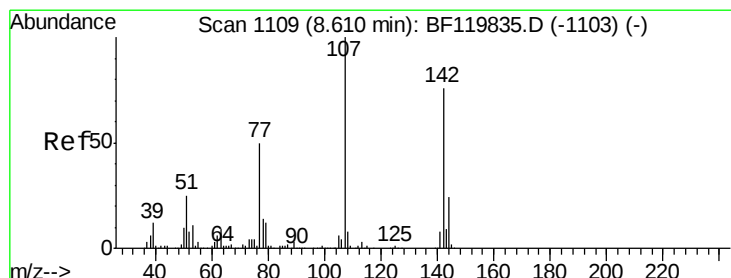
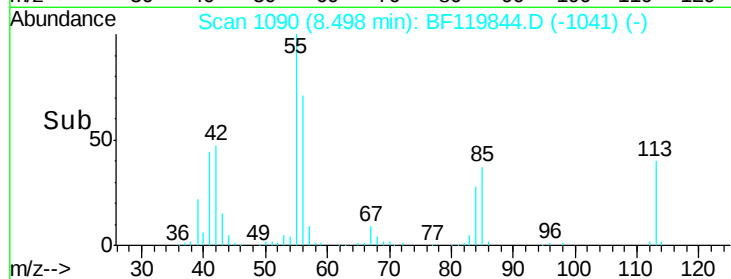
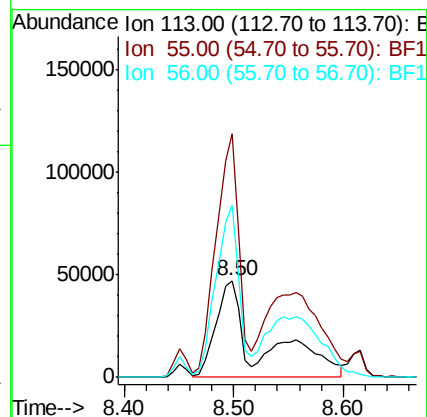
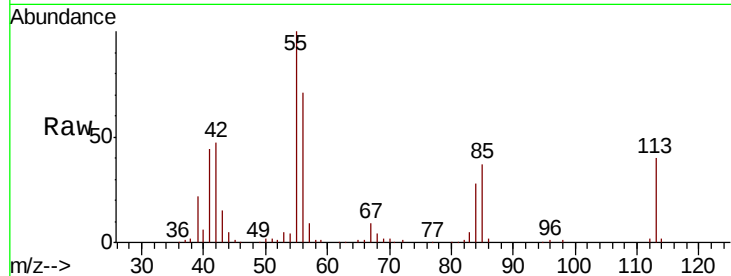
#35
Caprolactam
Concen: 46.105 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion:113 Resp: 131327
Ion Ratio Lower Upper
113 100
55 251.4 192.7 232.7#
56 177.4 133.3 173.3#

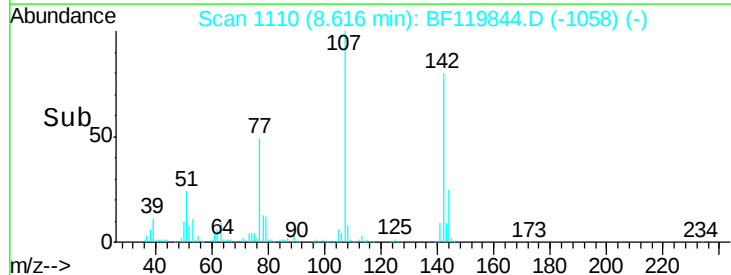
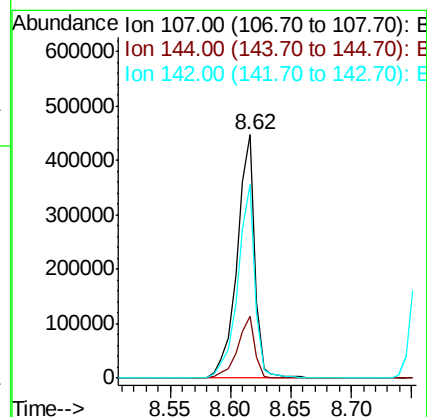
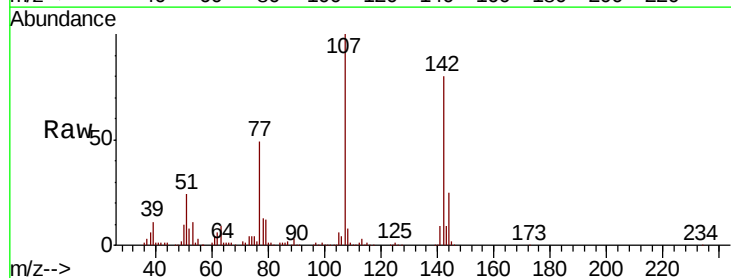
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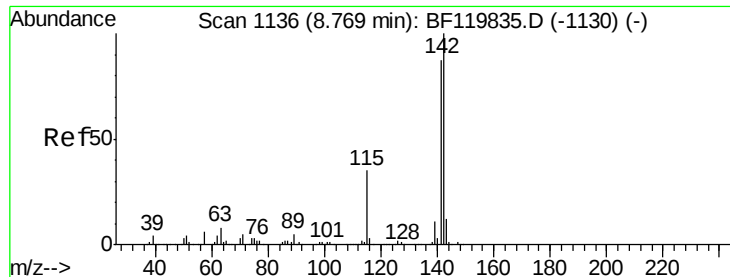
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#36
4-Chloro-3-methylphenol
Concen: 45.545 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:107 Resp: 459168
Ion Ratio Lower Upper
107 100
144 25.4 19.5 29.3
142 79.7 60.5 90.7





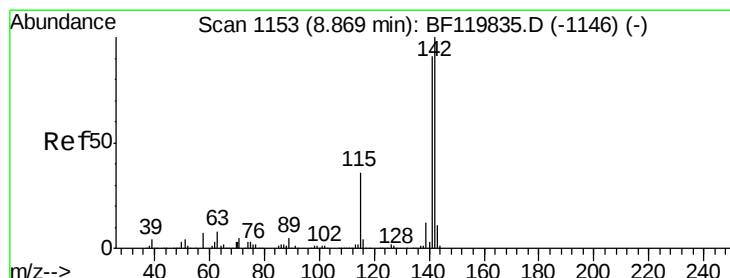
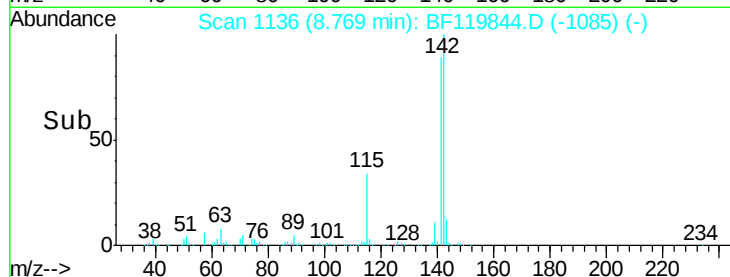
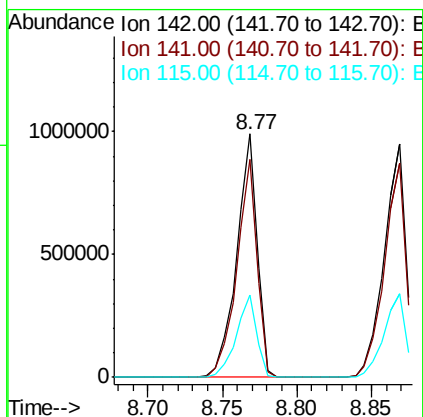
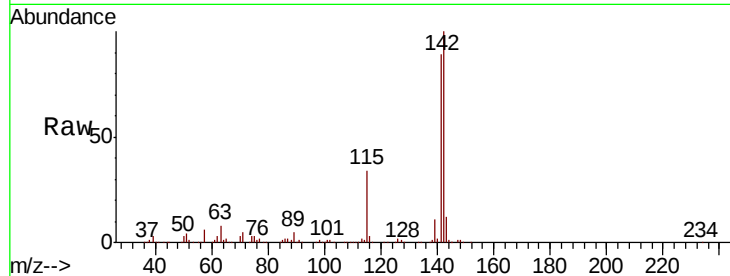
#37
2-Methylnaphthalene
Concen: 43.034 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.9	104.9
115	34.0	28.0	42.0

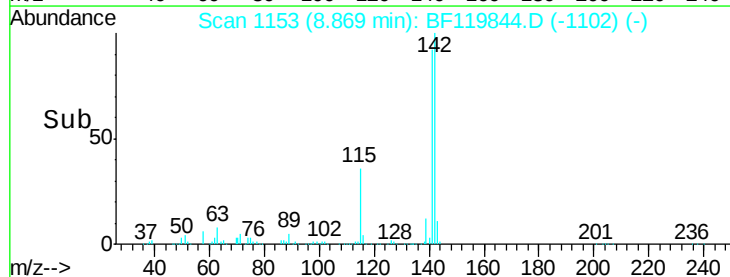
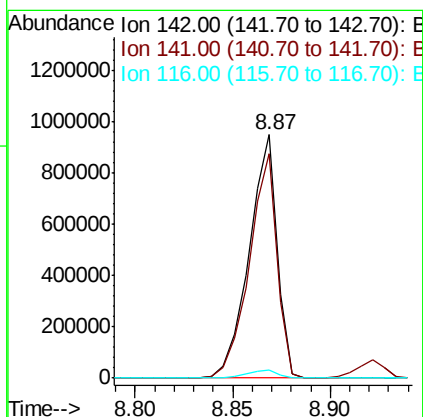
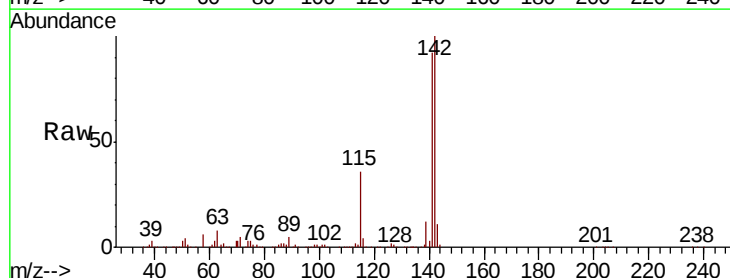
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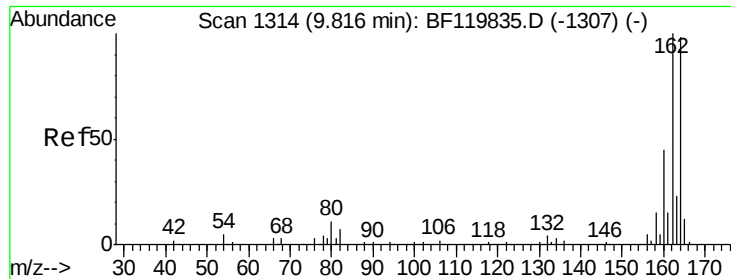
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#38
1-Methylnaphthalene
Concen: 44.980 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:164 Resp: 341052

Ion Ratio Lower Upper

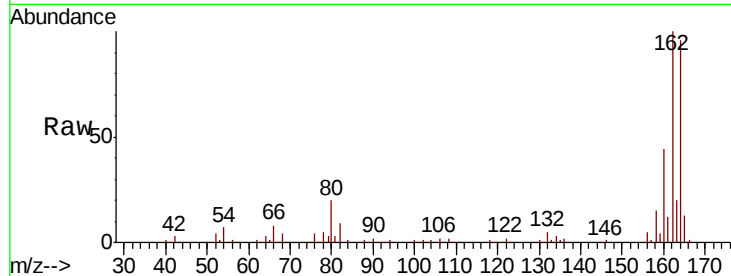
164 100

162 103.8 81.9 122.9

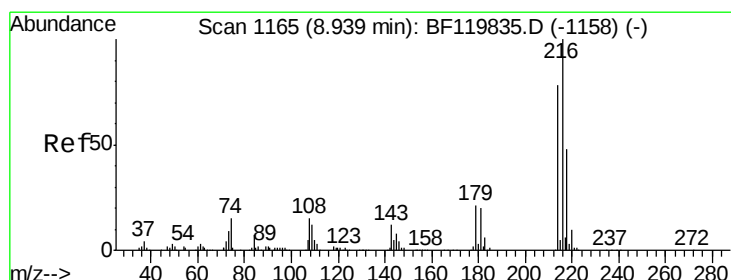
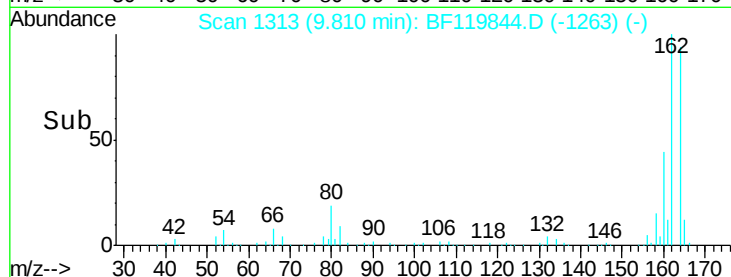
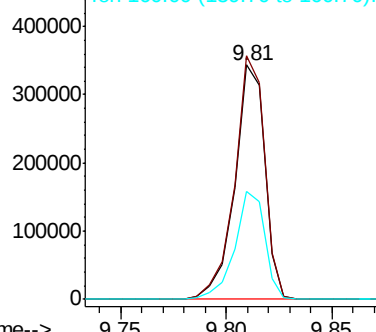
160 46.1 36.6 54.8

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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: 40.893 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Tgt Ion:216 Resp: 440498

Ion Ratio Lower Upper

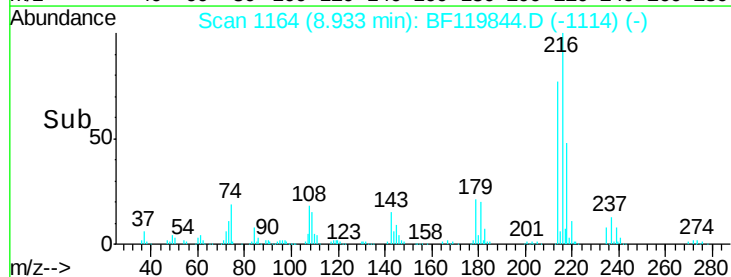
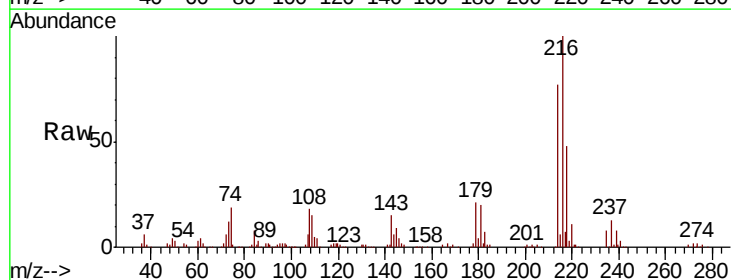
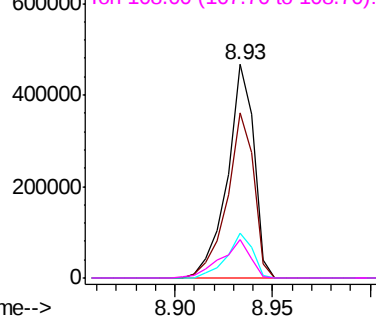
216 100

214 77.8 63.1 94.7

179 20.6 17.0 25.4

108 19.9 14.8 22.2

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





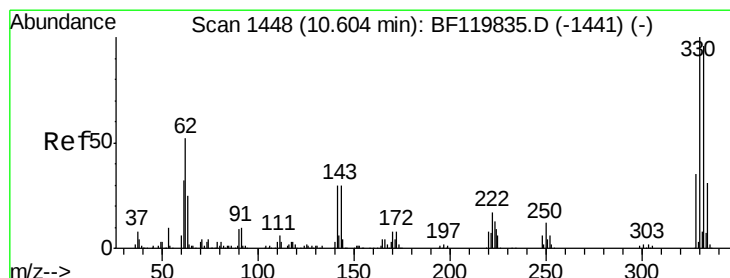
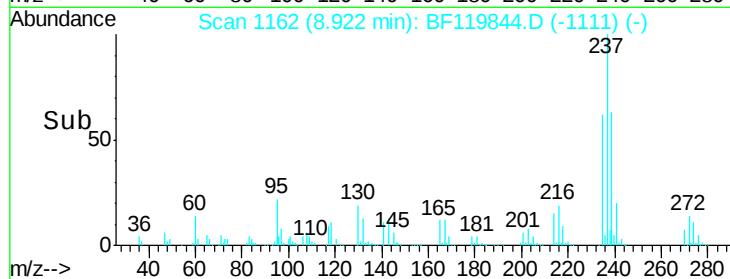
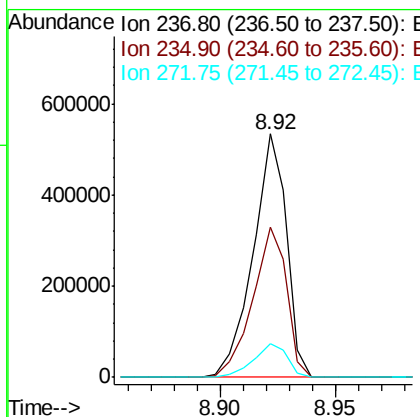
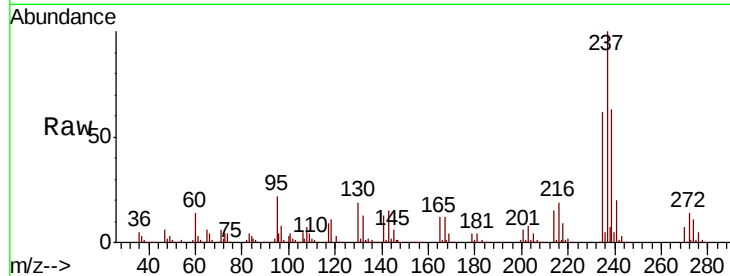
#41
Hexachlorocyclopentadiene
Concen: 87.909 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.7	44.9	84.9	
272	13.7	0.0	33.6	

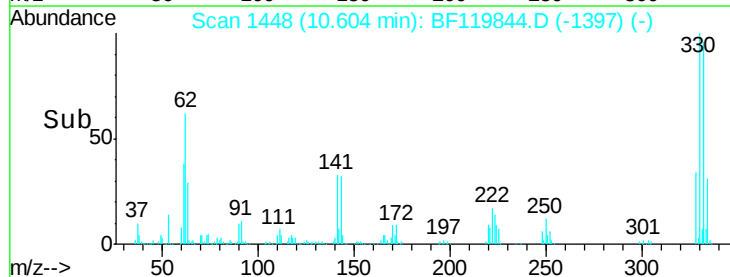
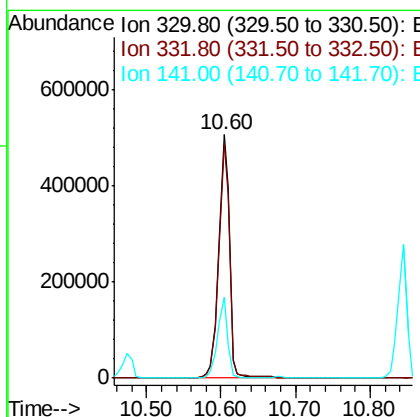
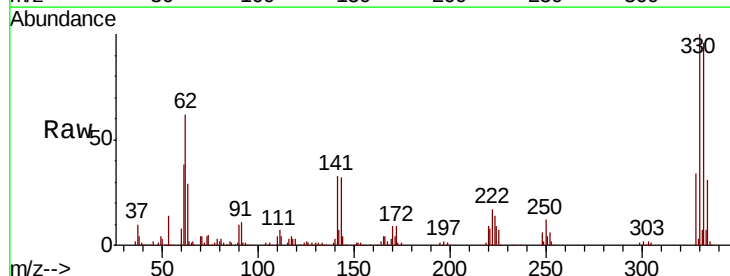
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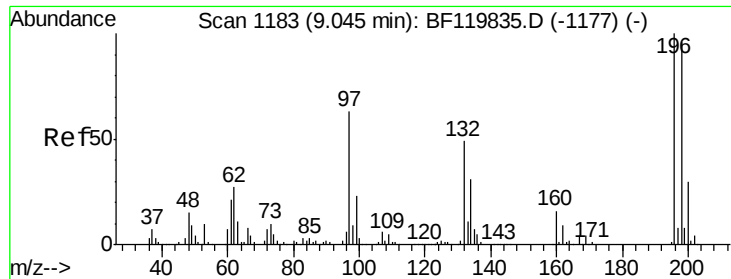
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#42
2,4,6-Tribromophenol
Concen: 121.811 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.8	115.2	
141	30.4	25.1	37.7	





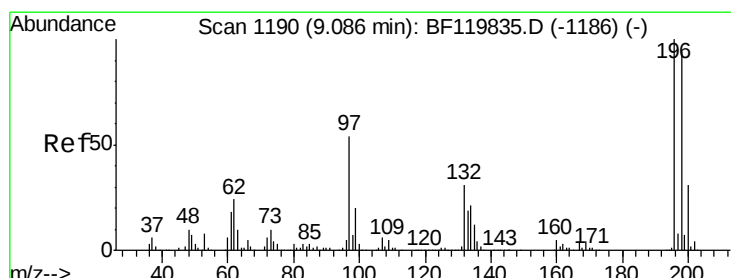
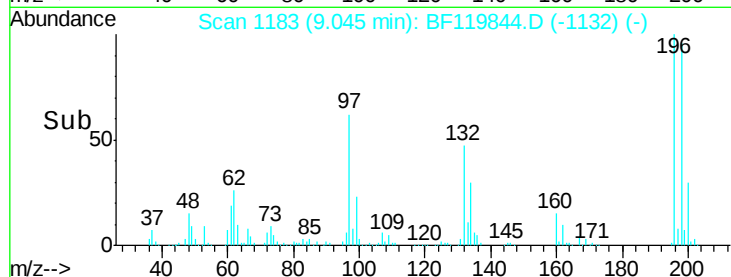
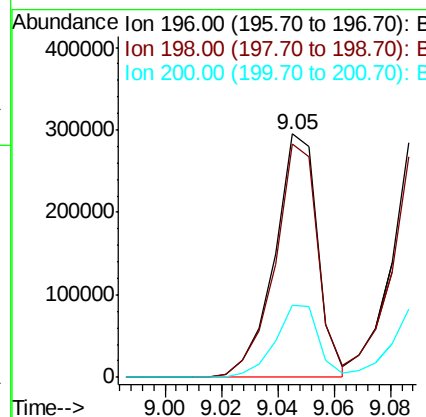
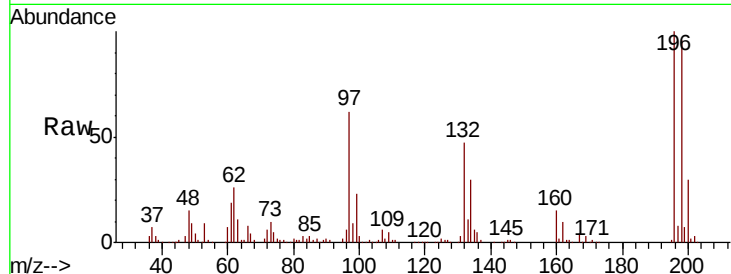
#43
 2,4,6-Trichlorophenol
 Concen: 42.001 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312424		
198	95.8	76.6	115.0	
200	29.8	24.2	36.2	

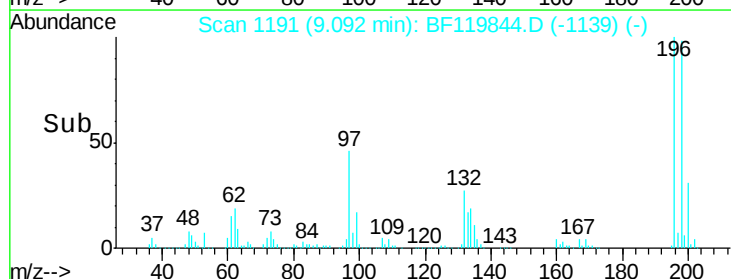
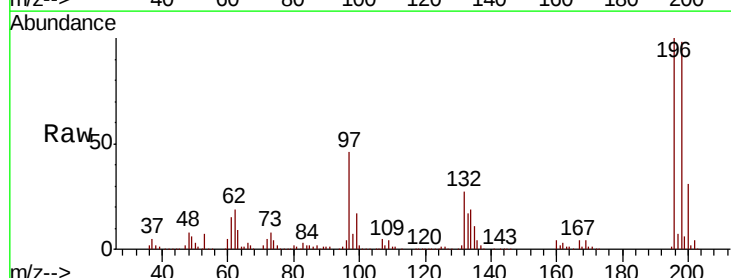
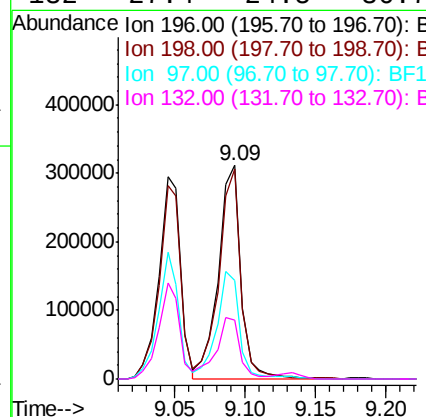
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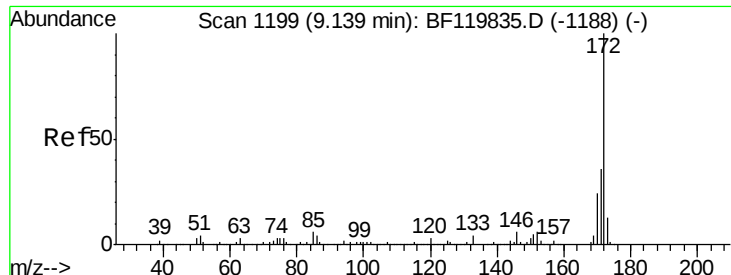
mohammad
 4/10/2020 9:57:15 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.354 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	346457		
198	98.2	75.1	112.7	
97	46.0	43.4	65.2	
132	27.4	24.5	36.7	





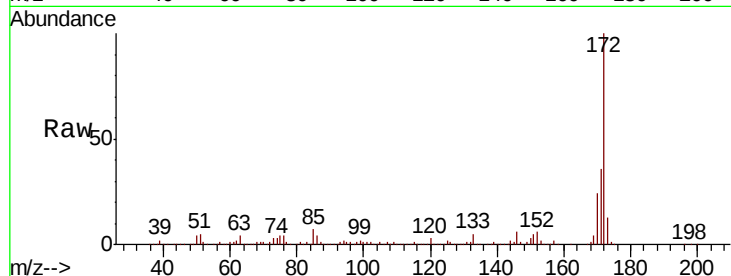
#45
2-Fluorobiphenyl
Concen: 81.584 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	28.9	43.3	
170	24.3	19.4	29.2	

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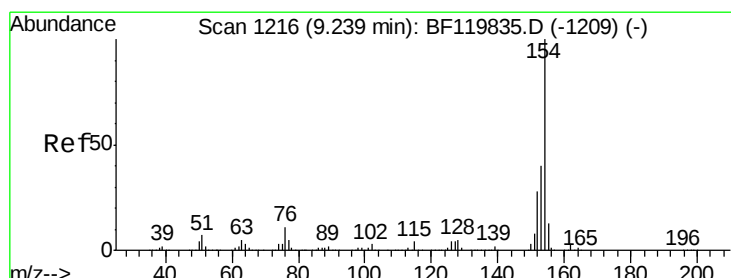
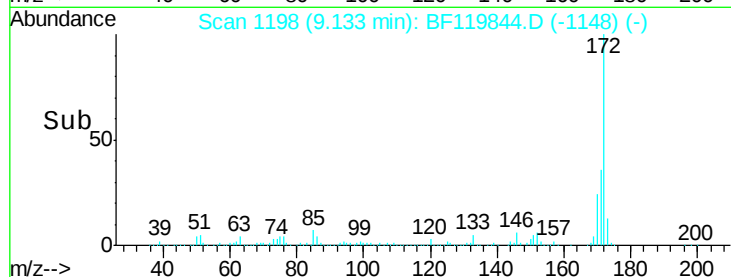
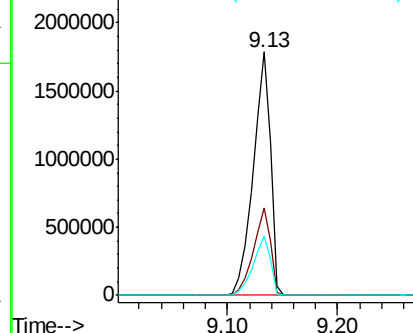


Abundance

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: 40.149 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

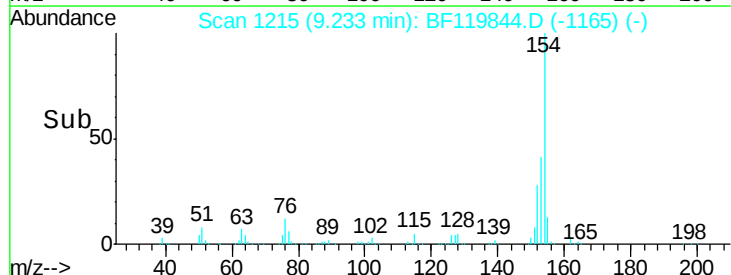
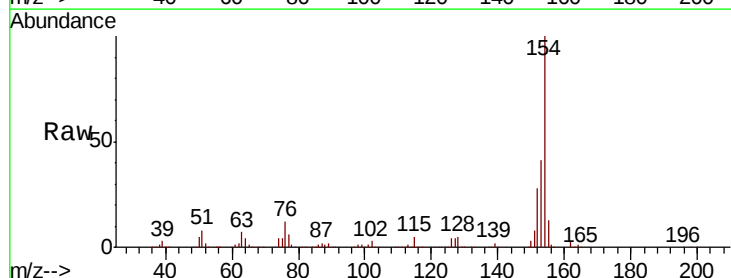
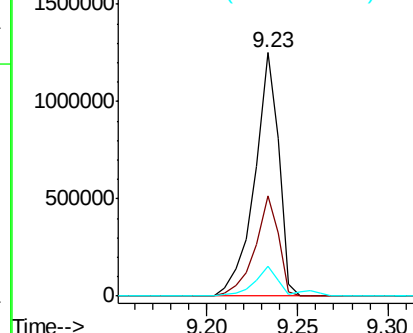
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	20.5	60.5	
76	12.3	0.0	30.6	

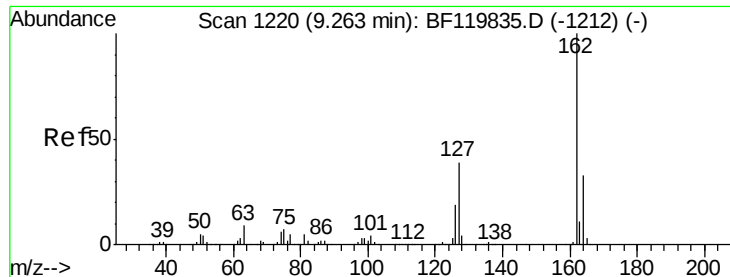
Abundance

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





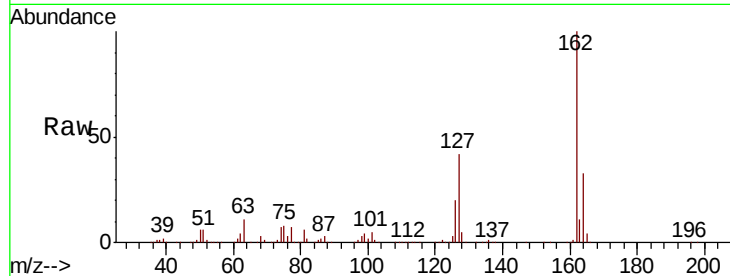
#47
2-Chloronaphthalene
Concen: 41.057 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.2	46.8
164	32.9	26.3	39.5

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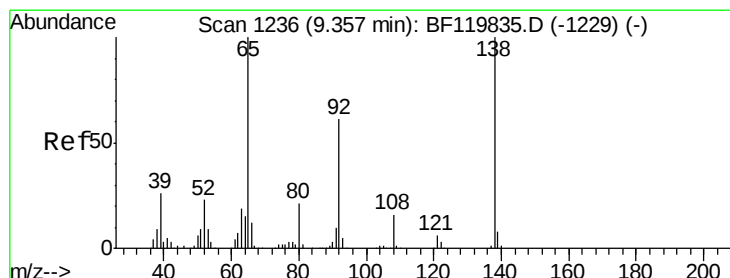
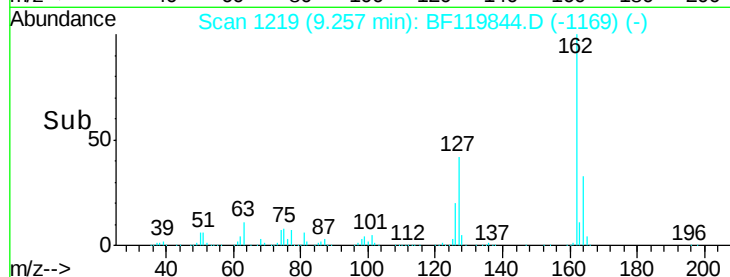
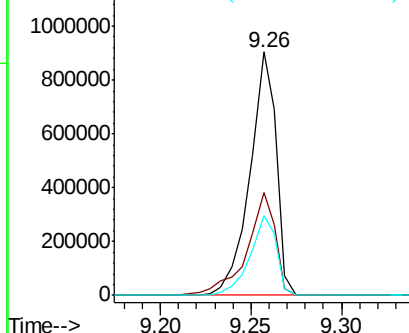


Abundance

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: 42.013 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

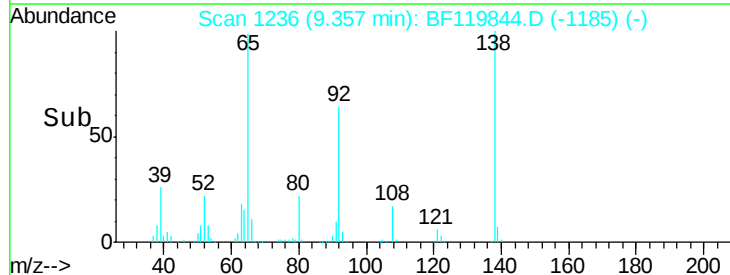
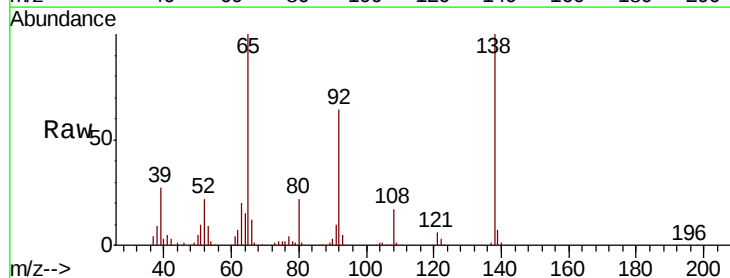
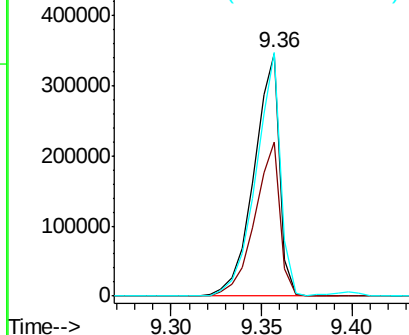
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	49.0	73.6
138	100.4	79.7	119.5

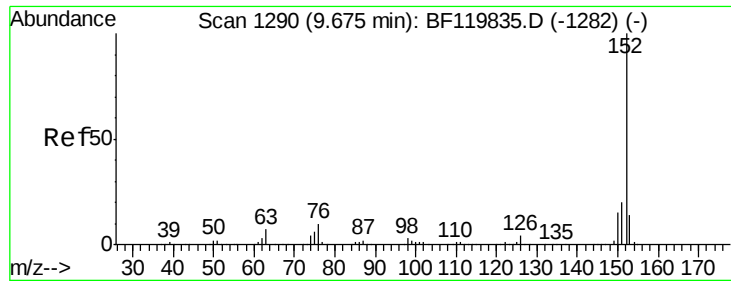
Abundance

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: 43.861 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:152 Resp: 1479221

Ion Ratio Lower Upper

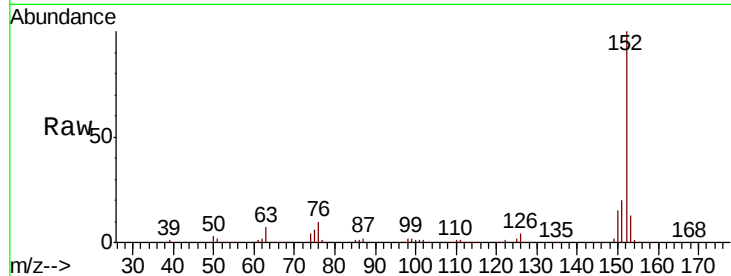
152 100

151 20.5 16.2 24.4

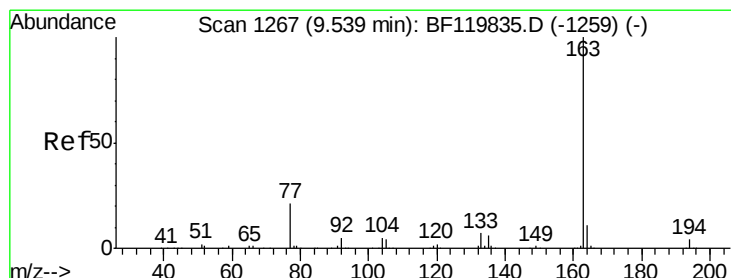
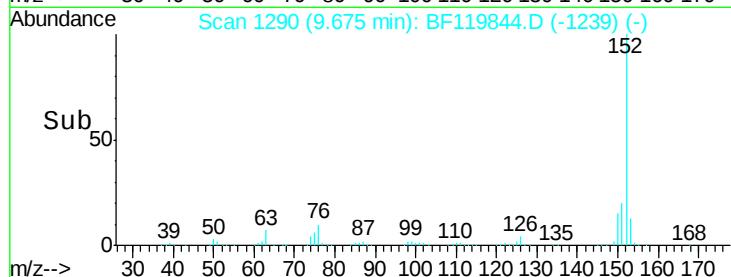
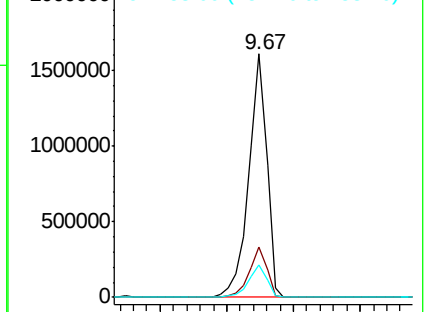
153 13.2 10.9 16.3

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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: 43.012 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

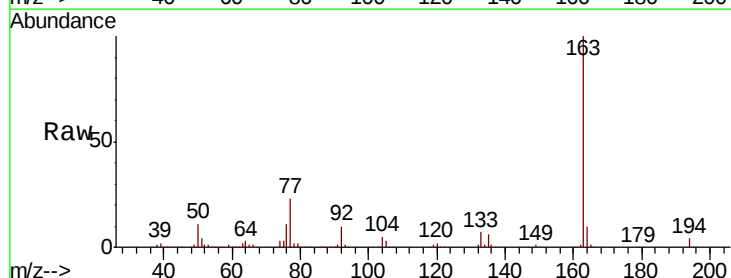
Tgt Ion:163 Resp: 1134652

Ion Ratio Lower Upper

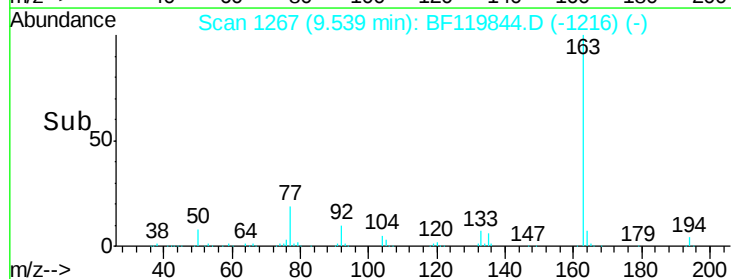
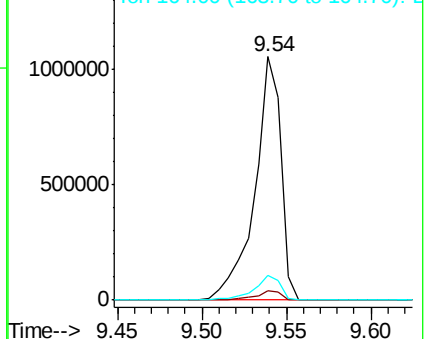
163 100

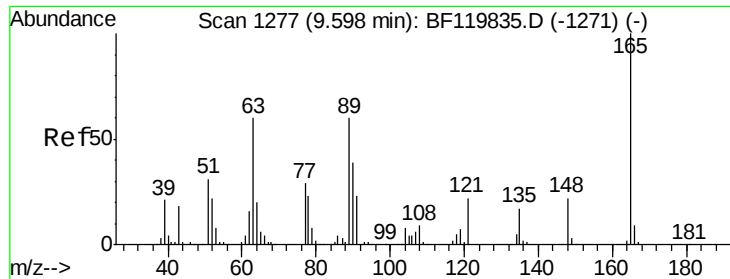
194 3.7 3.0 4.4

164 10.2 8.4 12.6



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





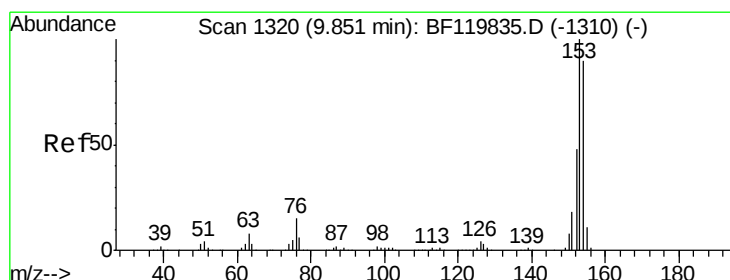
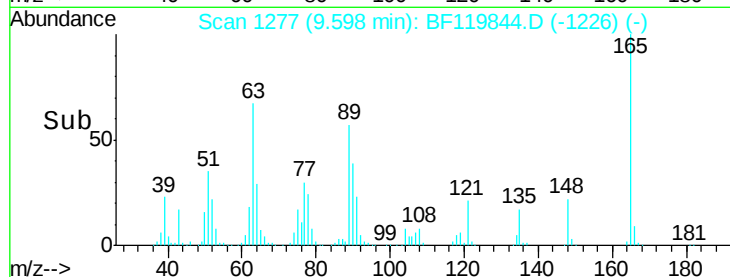
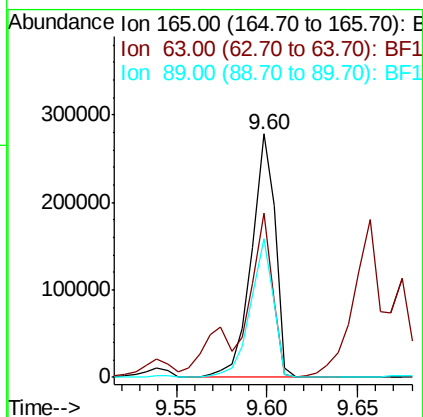
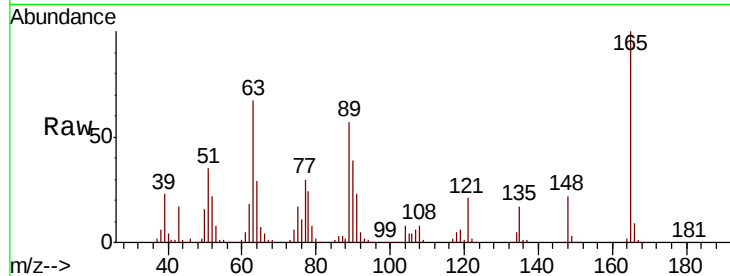
#51
2,6-Dinitrotoluene
Concen: 43.875 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253455		
63	67.4	55.6	83.4	
89	56.8	47.9	71.9	

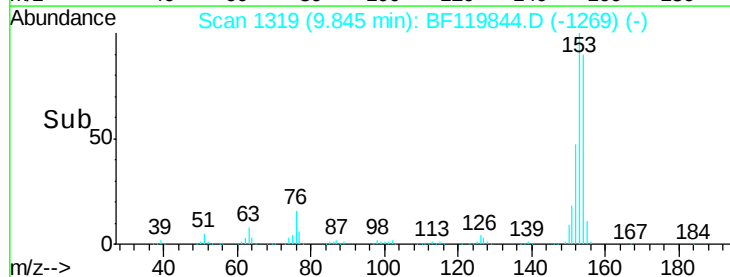
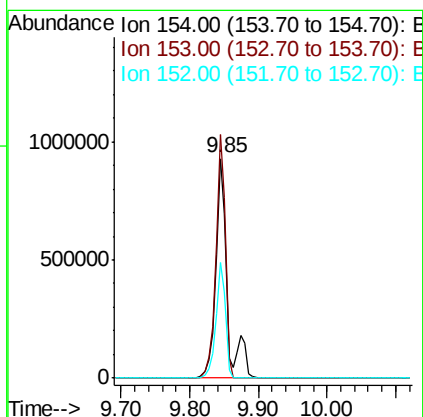
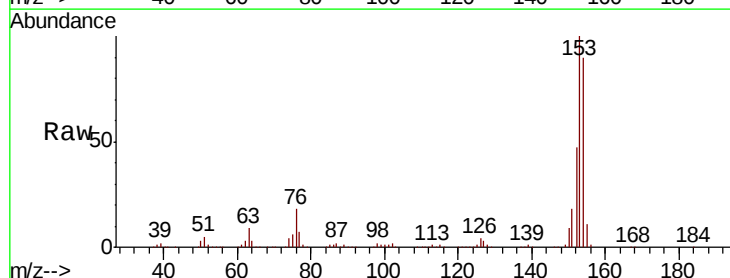
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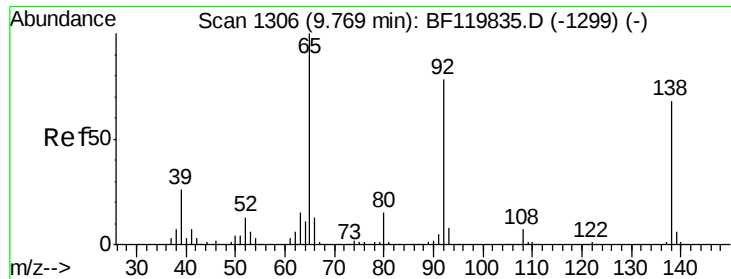
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#52
Acenaphthene
Concen: 48.077 ng m
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1081589		
153	110.8	88.8	133.2	
152	52.4	42.4	63.6	





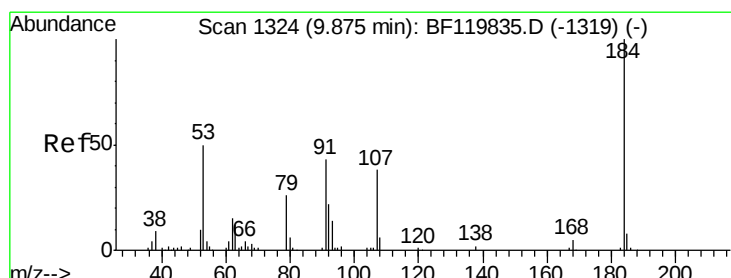
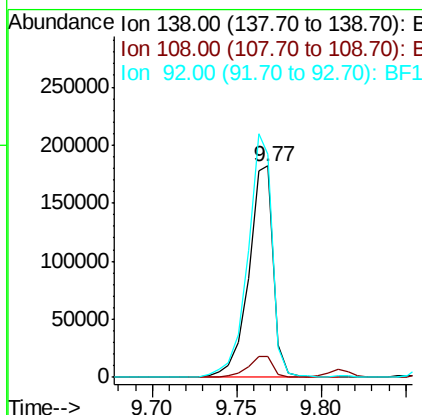
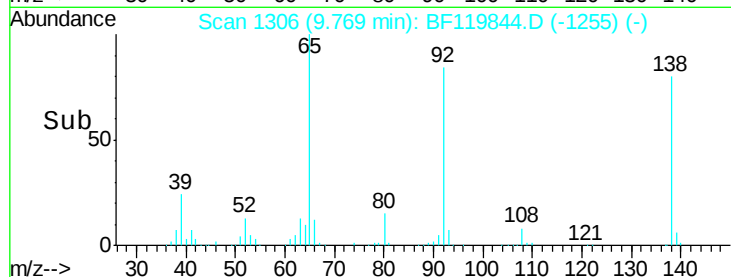
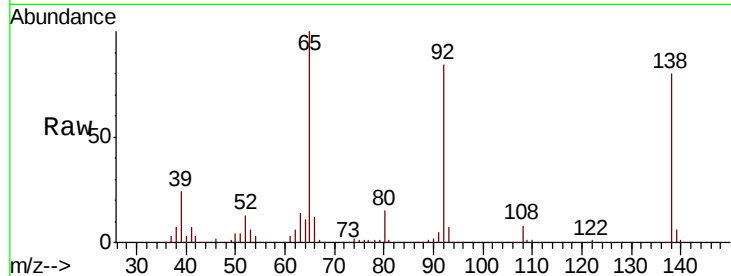
#53
3-Nitroaniline
Concen: 28.139 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.0	12.0
92	105.7	92.1	138.1

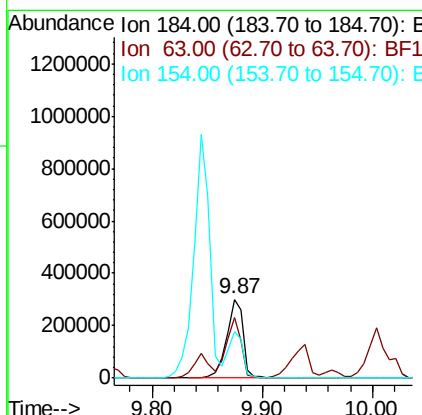
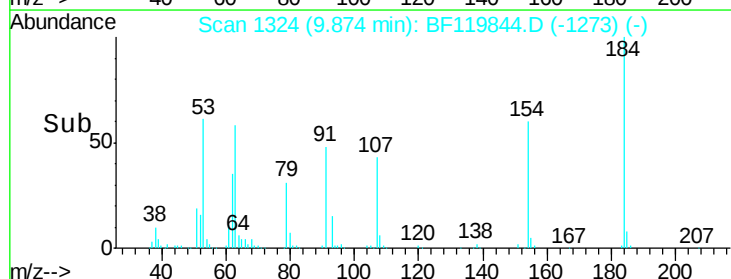
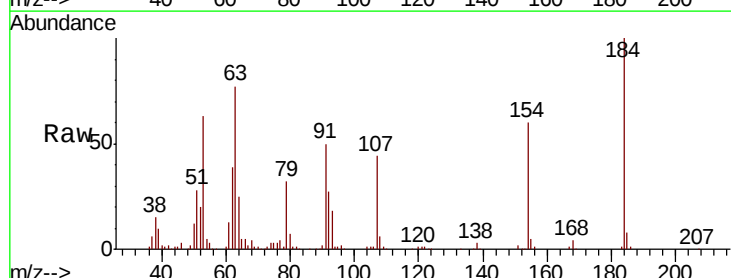
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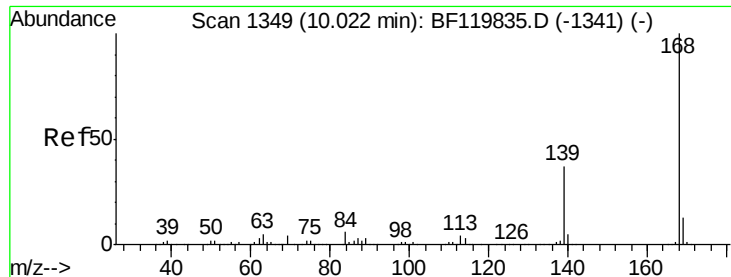
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#54
2,4-Dinitrophenol
Concen: 92.806 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.4	49.8	74.6#
154	59.5	46.5	69.7





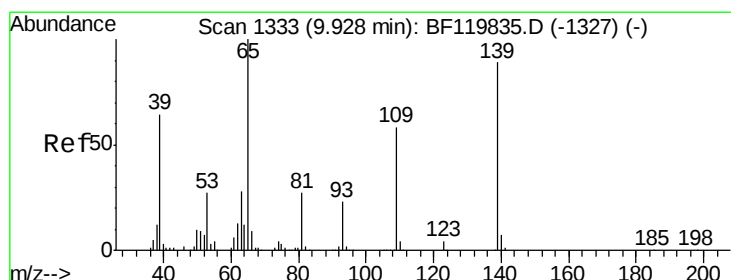
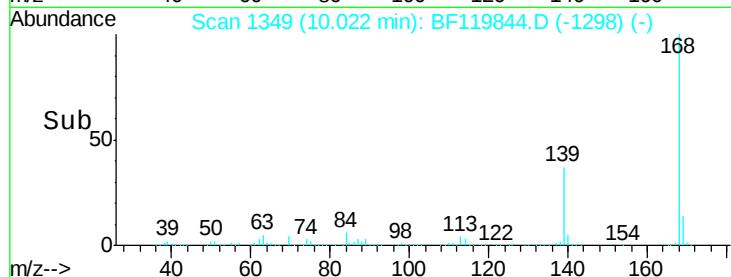
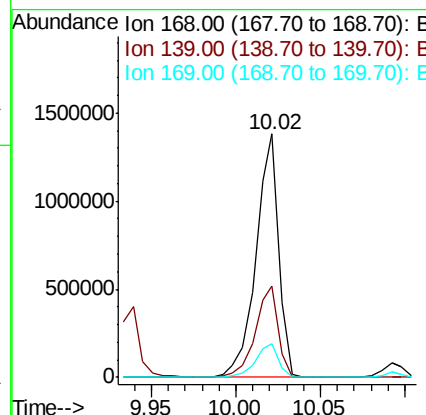
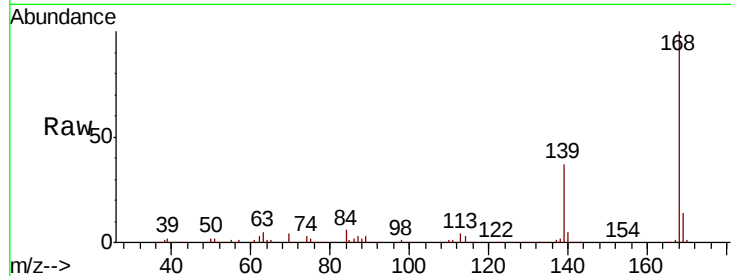
#55
Dibenzofuran
Concen: 42.080 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.8	44.6
169	13.9	10.6	15.8

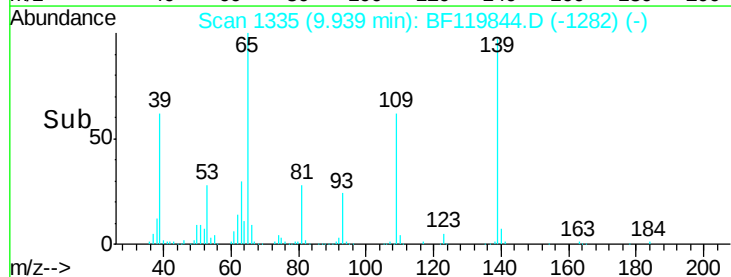
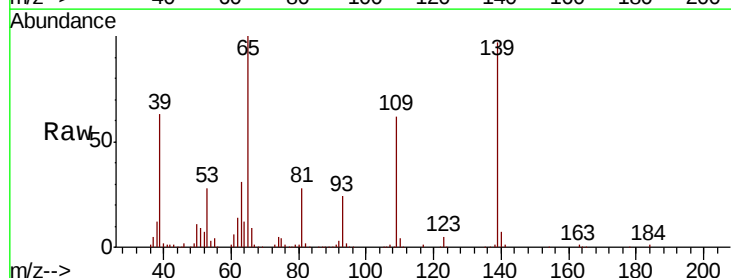
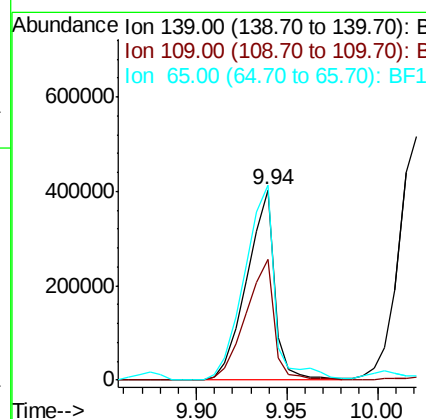
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#56
4-Nitrophenol
Concen: 88.165 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	45.5	85.5
65	102.9	92.3	132.3





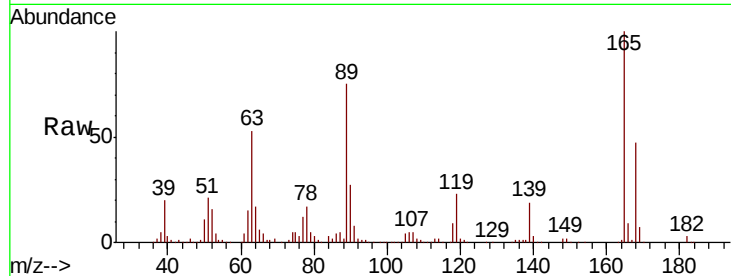
#57
2,4-Dinitrotoluene
Concen: 44.693 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

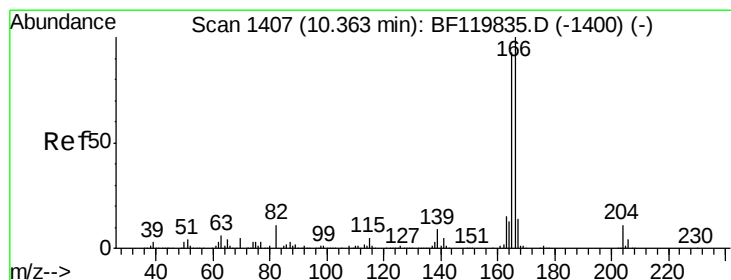
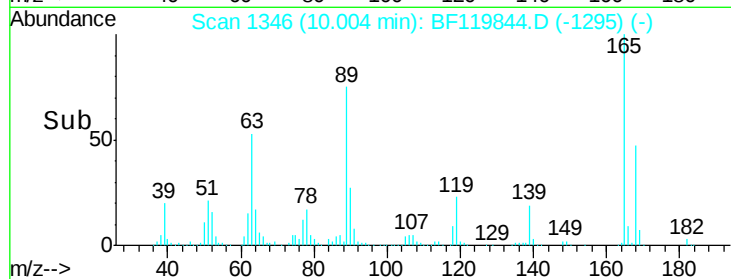
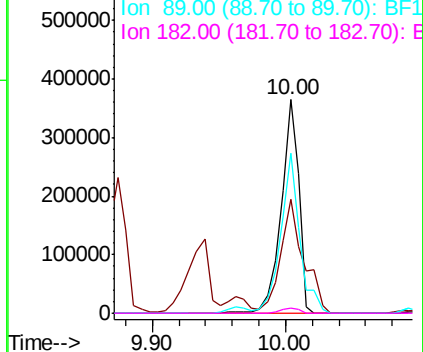
Tot Ion	165	Resp	340155
Ion Ratio	Lower	Upper	
165	100		
63	53.4	40.8	61.2
89	75.0	56.9	85.3
182	2.6	2.0	3.0

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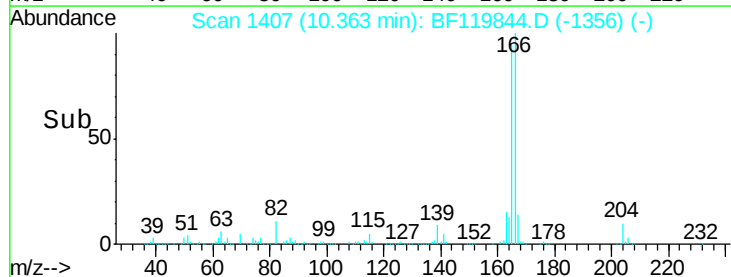
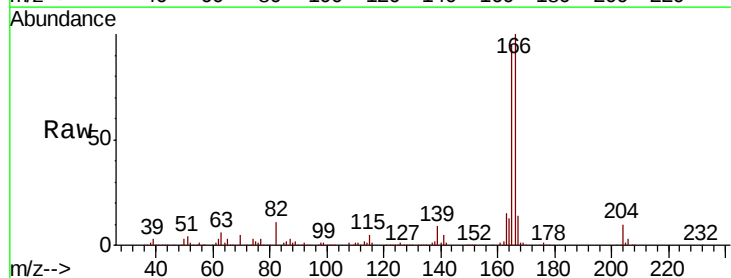
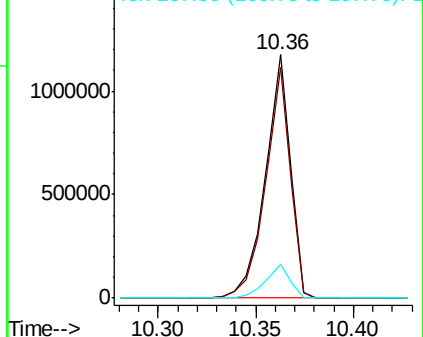
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

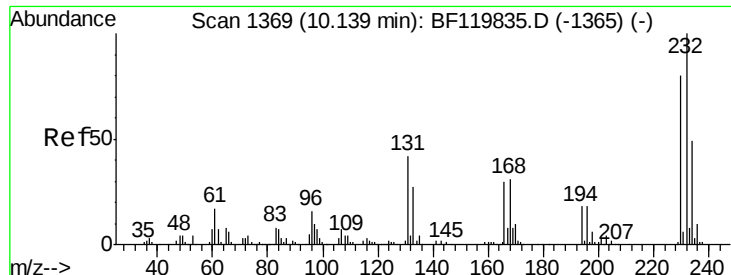


#58
Fluorene
Concen: 42.238 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	166	Resp	1042819
Ion Ratio	Lower	Upper	
166	100		
165	94.7	74.2	111.2
167	13.7	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





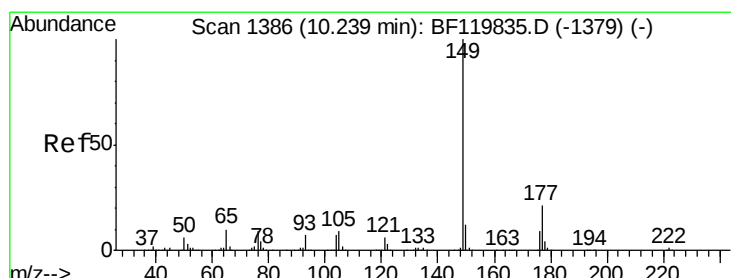
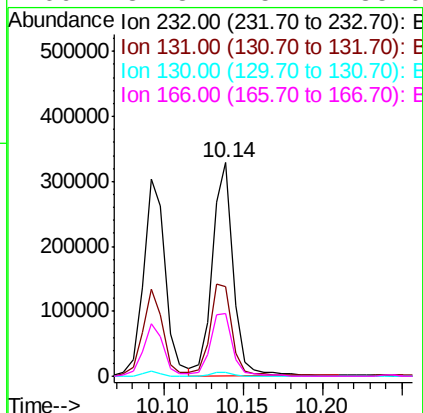
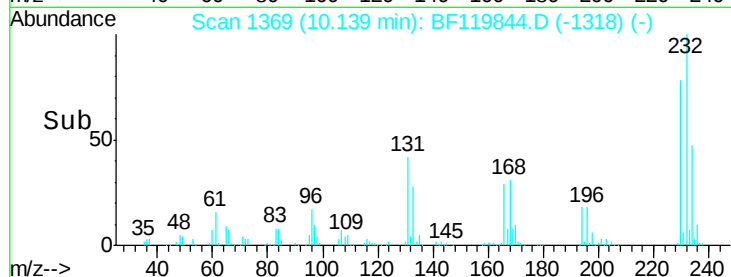
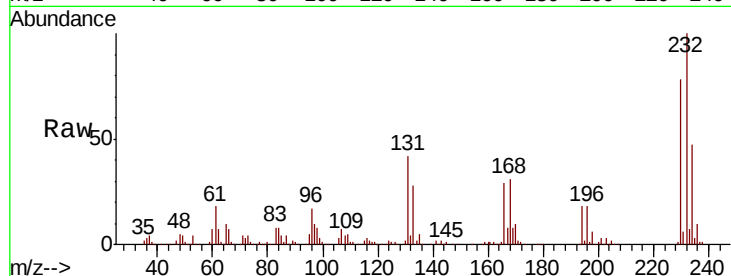
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.757 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.9	56.9
130	2.0	1.8	2.6
166	31.8	25.4	38.0

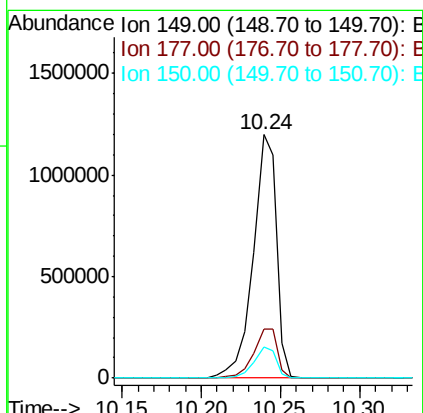
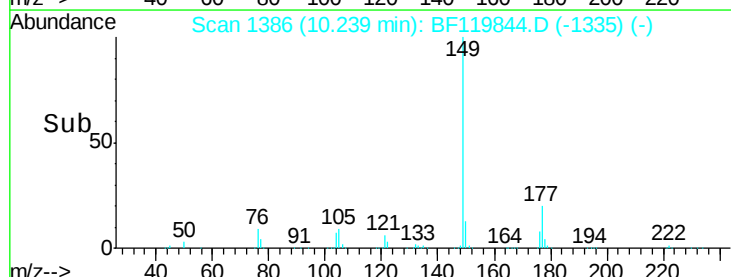
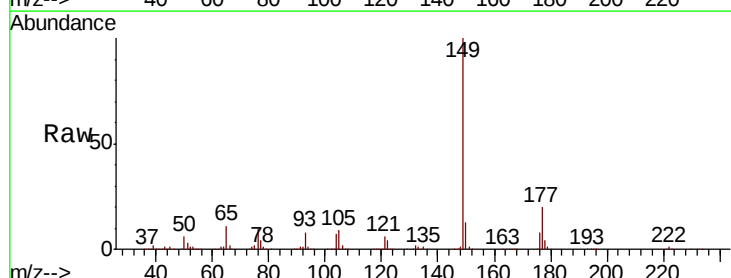
Manual Integrations
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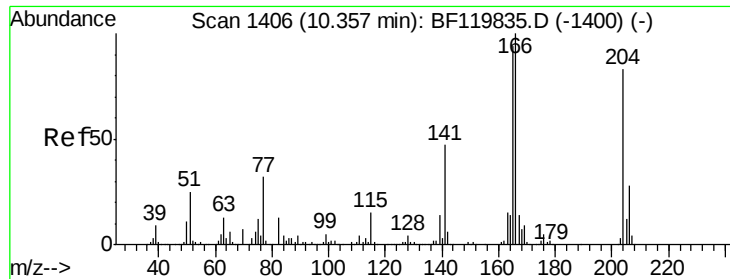
mohammad
 4/10/2020 9:57:15 AM



#60
 Diethylphthalate
 Concen: 44.786 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.0	16.8	25.2
150	12.7	9.8	14.6





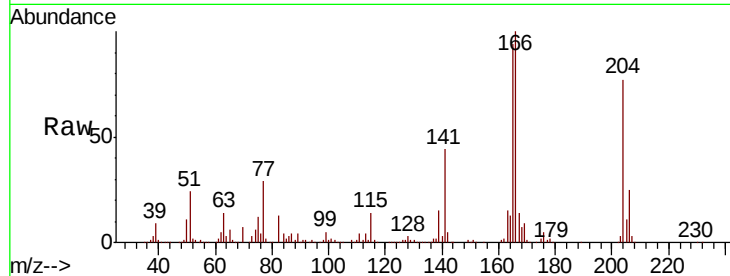
#61
 4-Chlorophenyl-phenylether
 Concen: 39.572 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

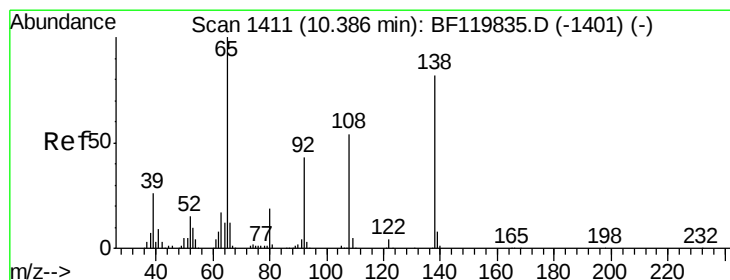
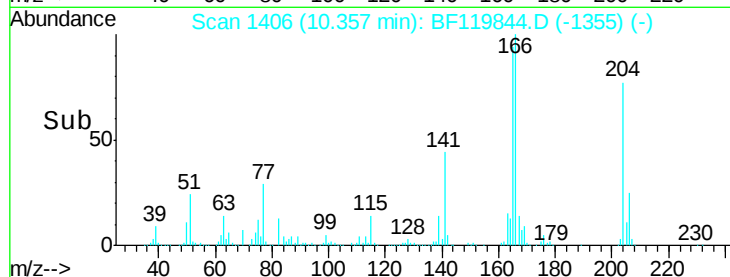
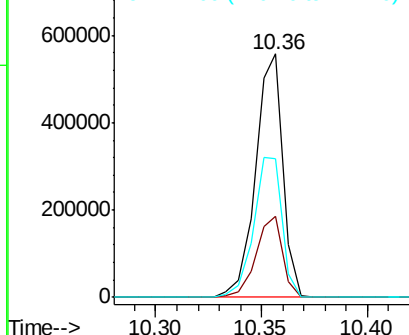
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	57.0	45.8	68.8

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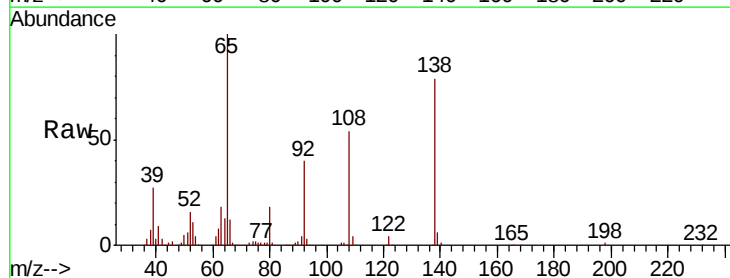


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

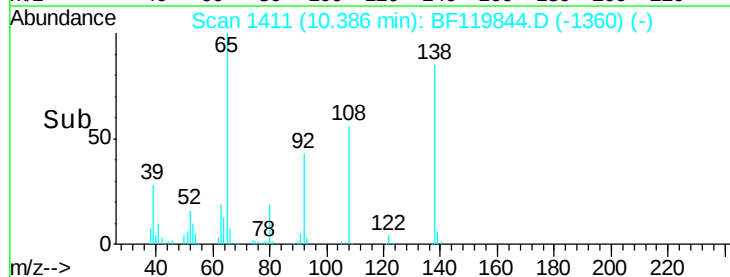
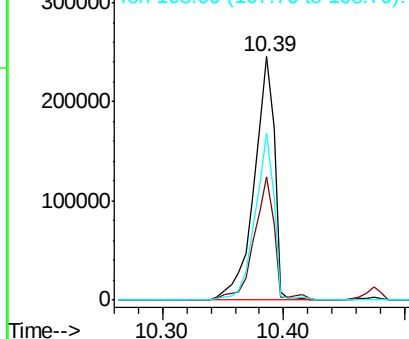


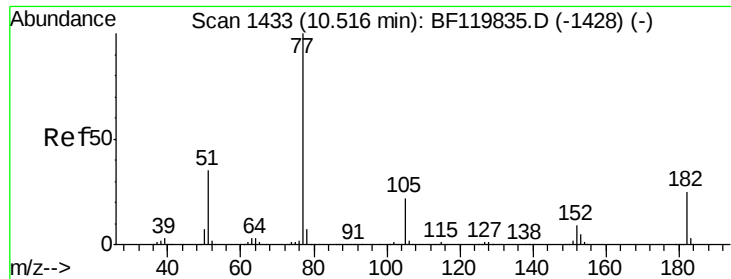
#62
 4-Nitroaniline
 Concen: 46.017 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.6	71.6
108	68.6	45.2	85.2



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





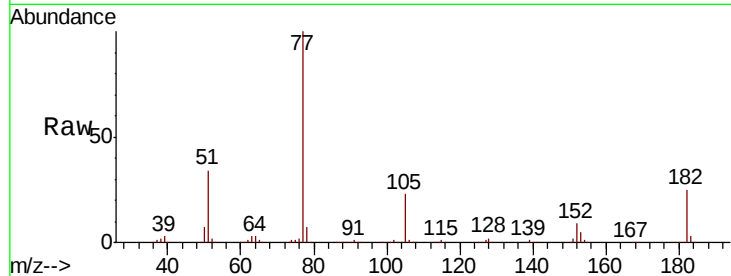
#63
Azobenzene
Concen: 47.715 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.8	4.5	44.5	
105	22.5	2.2	42.2	
51	34.3	15.1	55.1	

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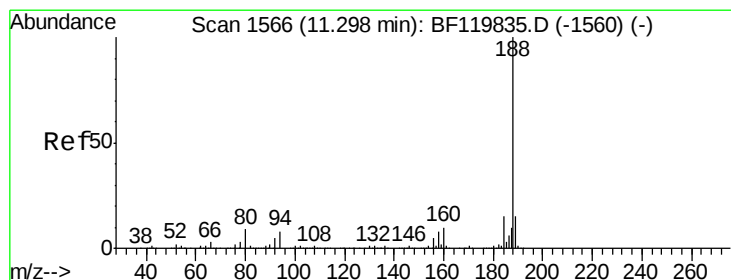
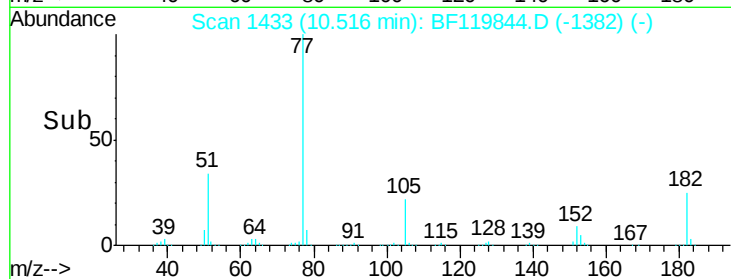
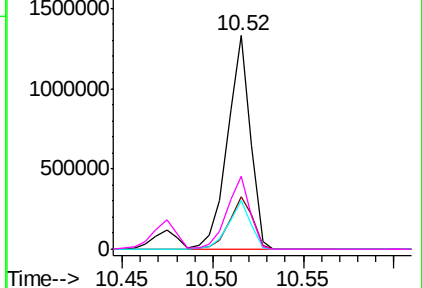
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

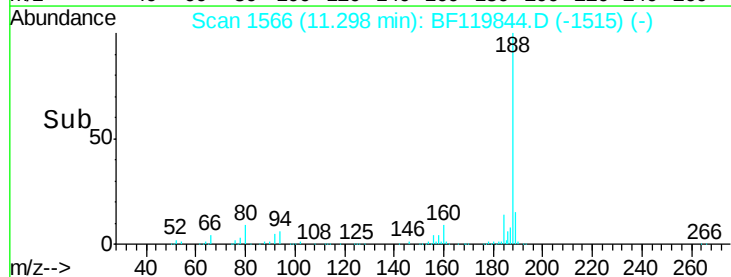
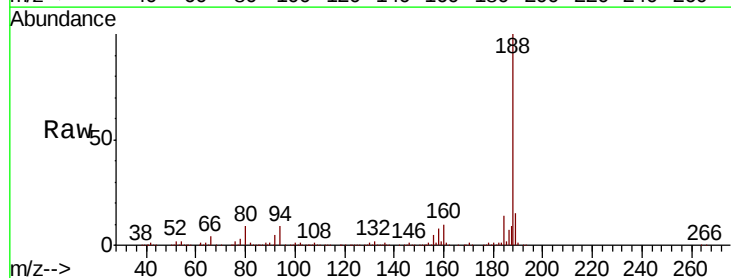
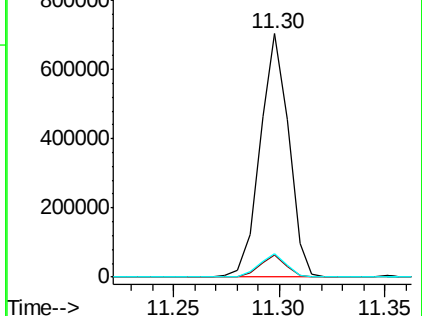
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	6.7	10.1	
80	9.4	7.4	11.2	

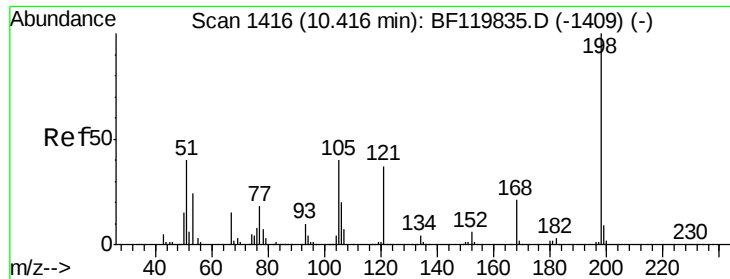
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





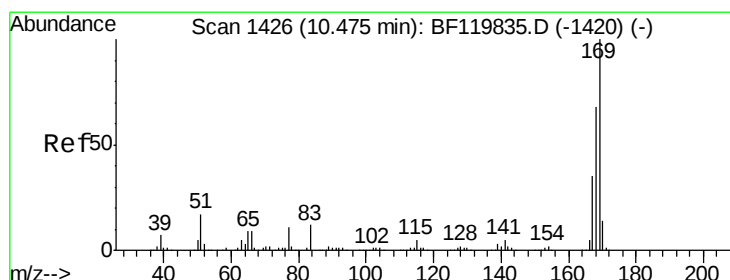
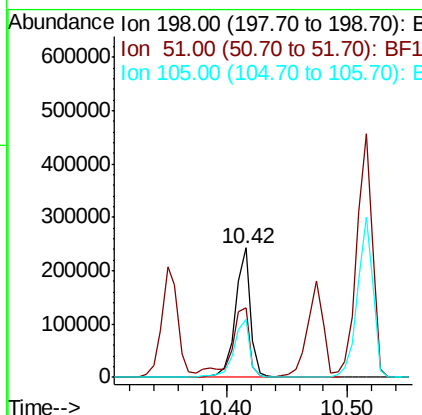
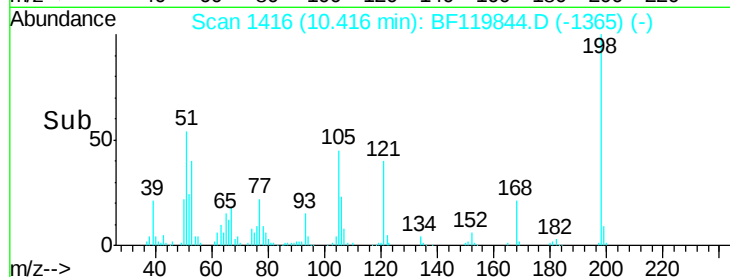
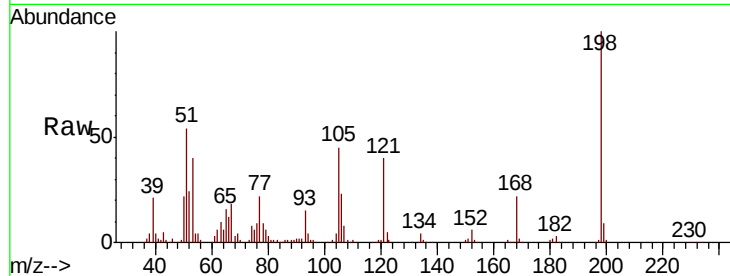
#65
4,6-Dinitro-2-methylphenol
Concen: 48.640 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.9	25.2	65.2
105	44.6	20.8	60.8

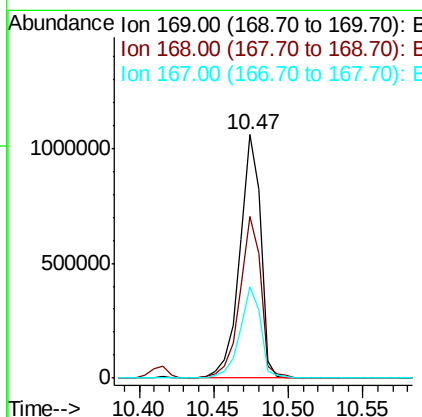
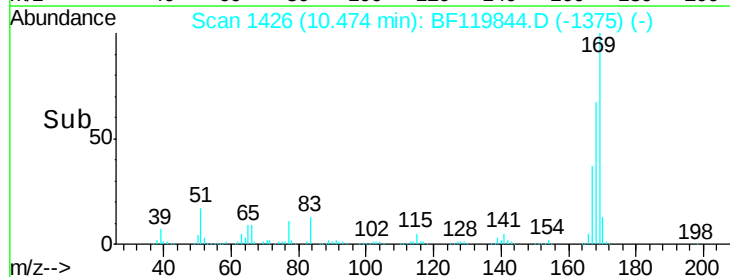
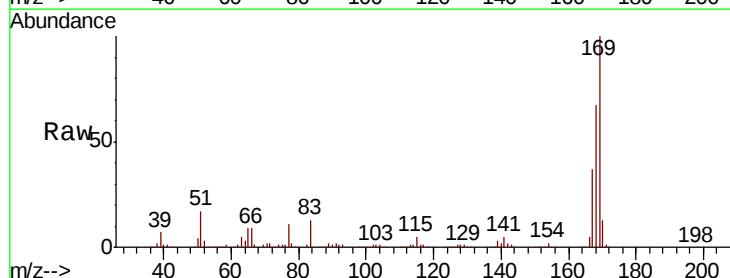
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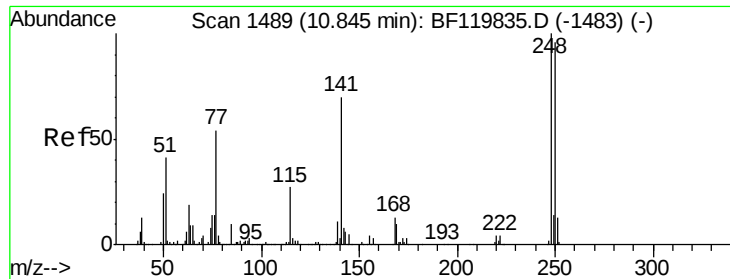
mohammad
4/10/2020 9:57:15 AM



#66
n-Nitrosodiphenylamine
Concen: 46.687 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	37.3	28.3	42.5





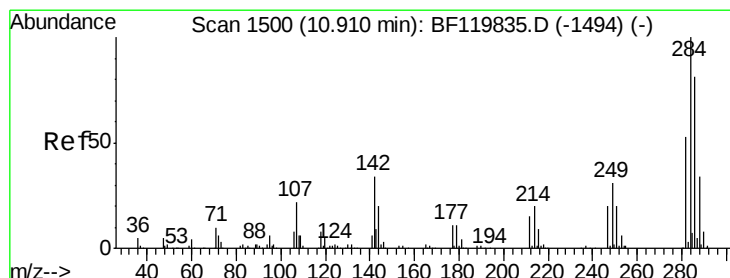
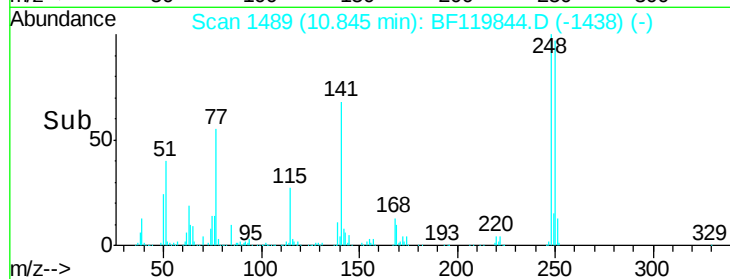
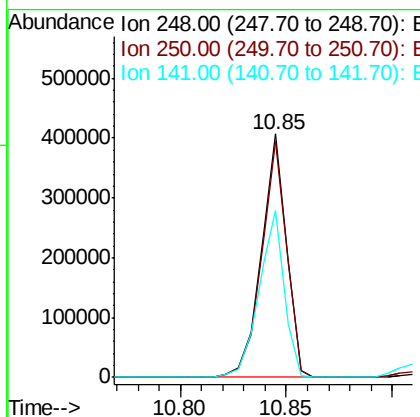
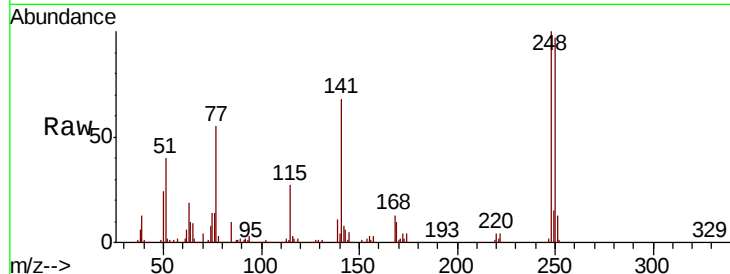
#67
4-Bromophenyl-phenylether
Concen: 40.800 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampled :
PB128044BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.6	114.8
141	68.4	55.9	83.9

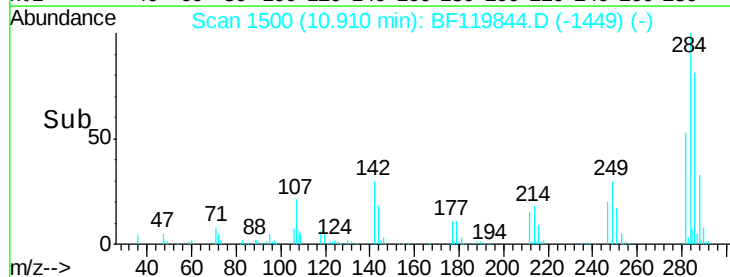
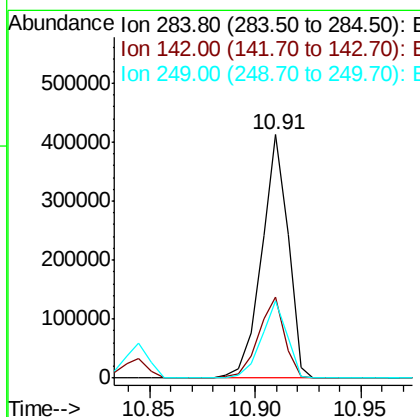
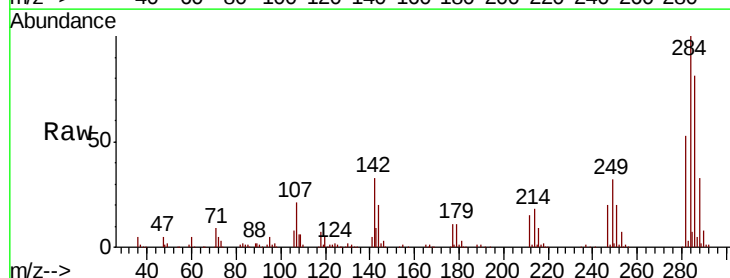
Manual Integrations
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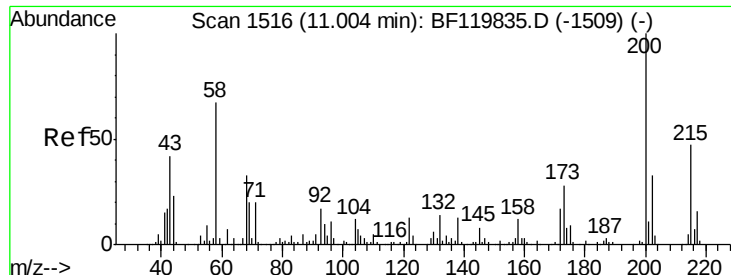
mohammad
4/10/2020 9:57:15 AM



#68
Hexachlorobenzene
Concen: 42.959 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.9	40.3
249	31.6	24.6	37.0





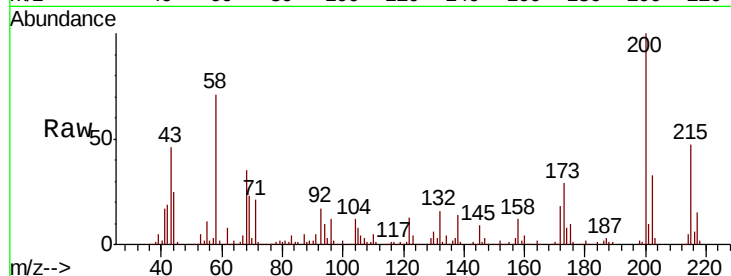
#69
Atrazine
Concen: 51.875 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.7	8.0	48.0
215	47.3	27.1	67.1

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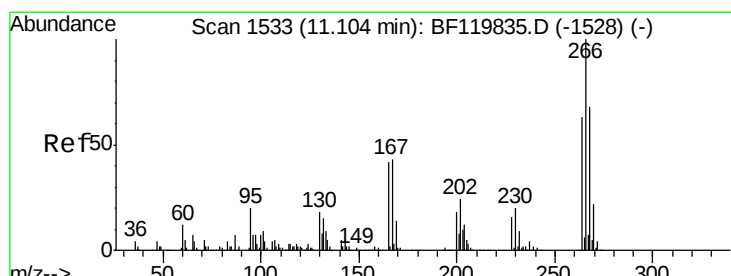
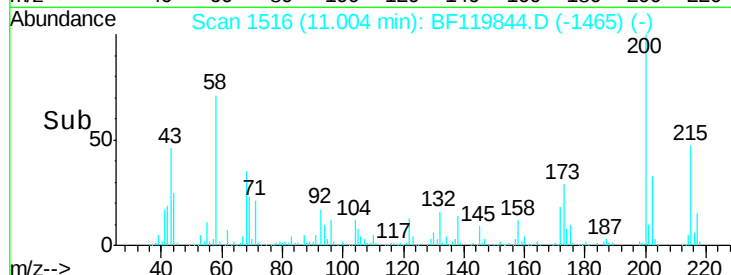
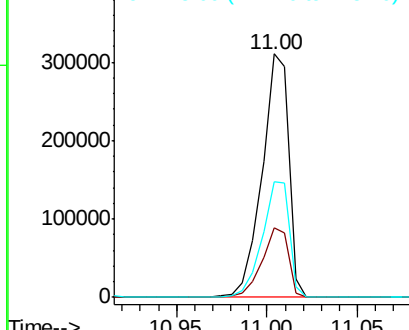


Abundance

Ion 200.00 (199.70 to 200.70): E

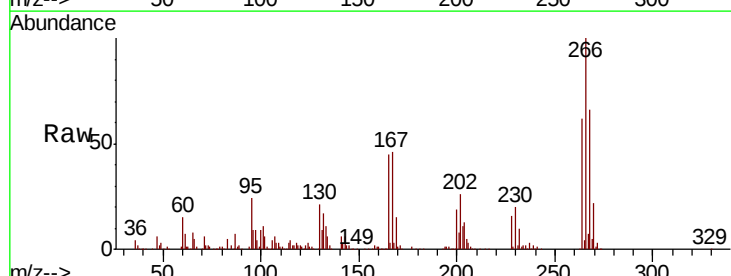
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 87.276 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	54.2	81.4
264	62.2	50.6	76.0

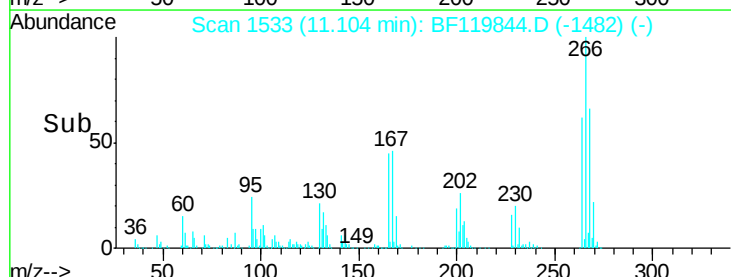
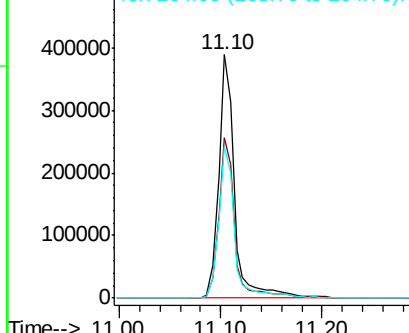


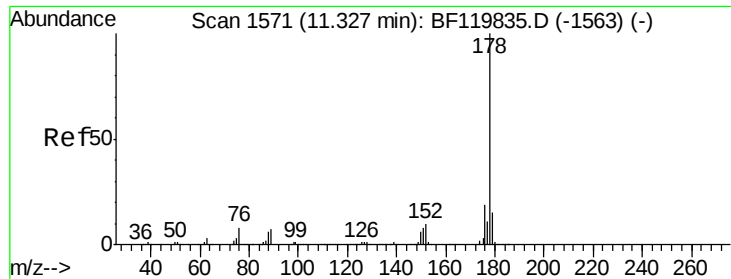
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





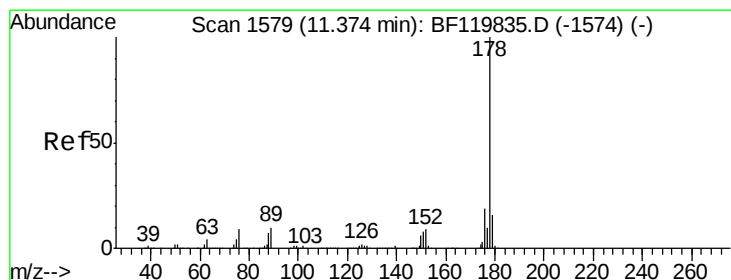
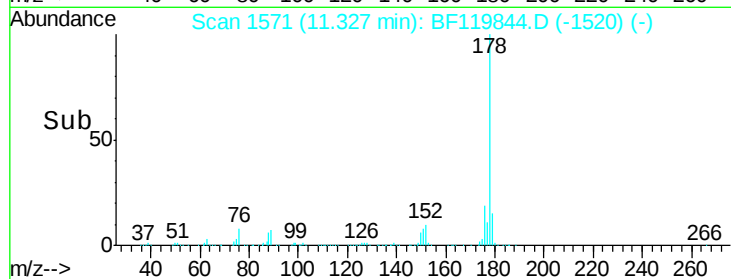
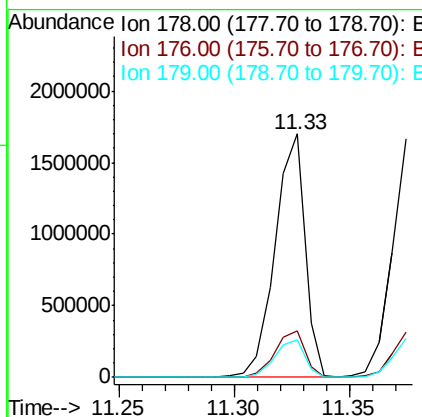
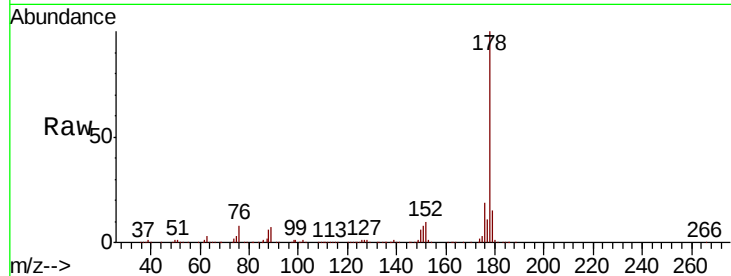
#71
Phenanthrene
Concen: 43.361 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion:178 Resp: 1530094
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 15.4 12.2 18.4

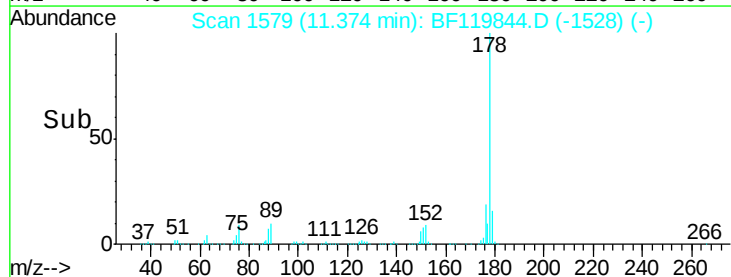
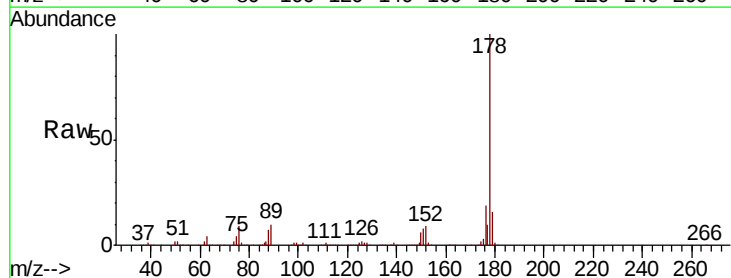
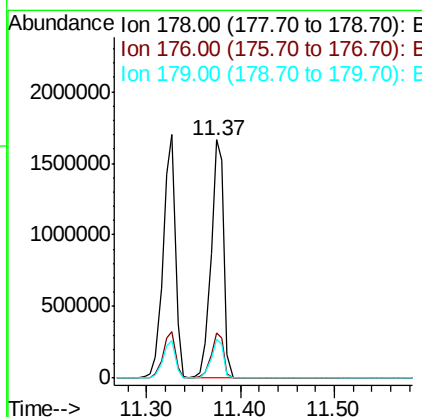
Manual Integrations
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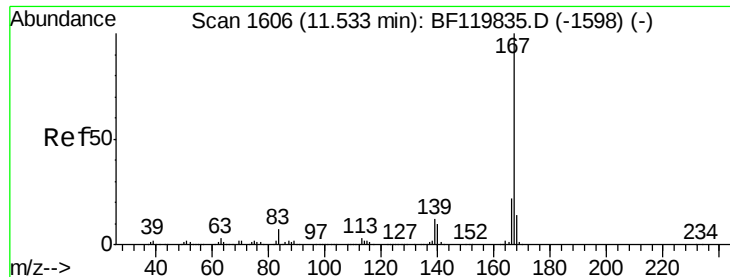
mohammad
4/10/2020 9:57:15 AM



#72
Anthracene
Concen: 44.386 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:178 Resp: 1600014
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.5 12.8 19.2





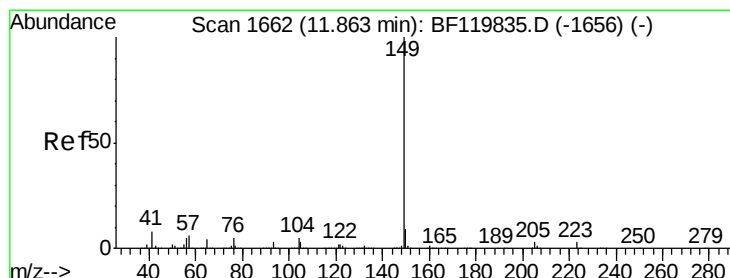
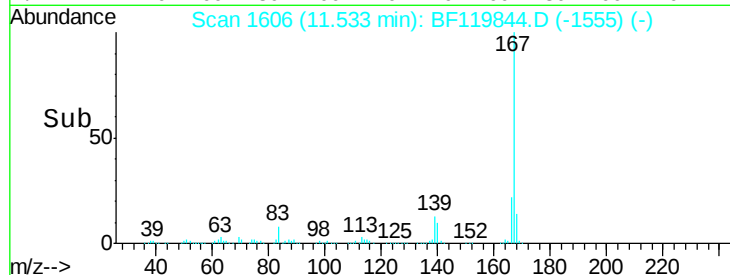
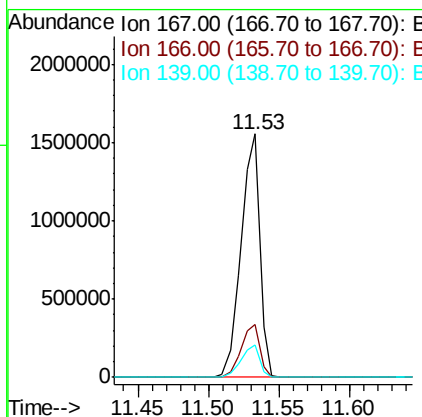
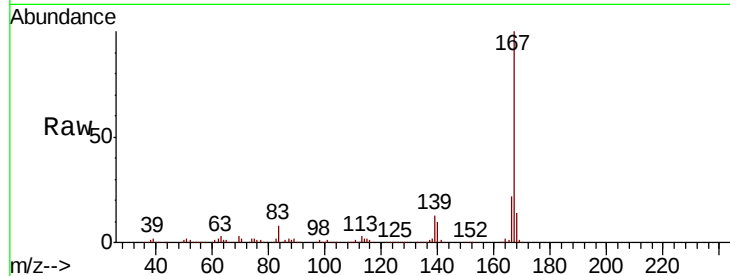
#73
 Carbazole
 Concen: 42.263 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion:167 Resp: 1440714
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.2 9.8 14.8

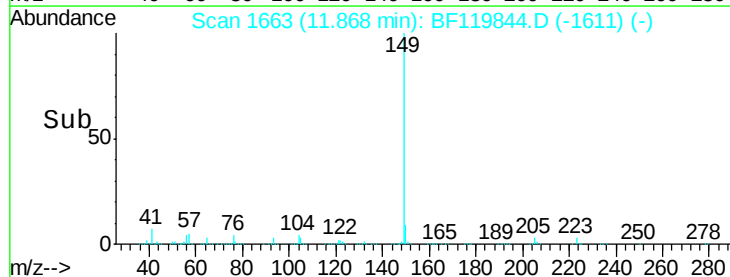
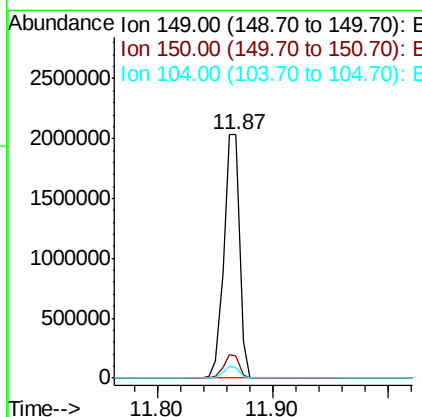
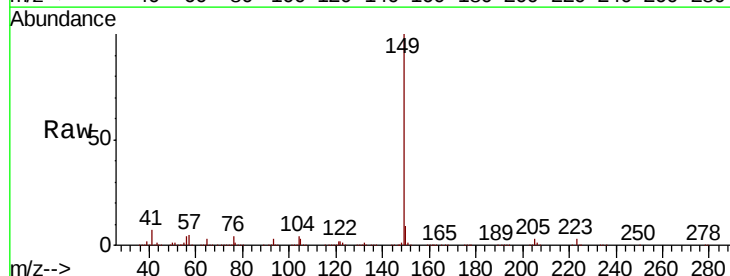
Manual Integrations
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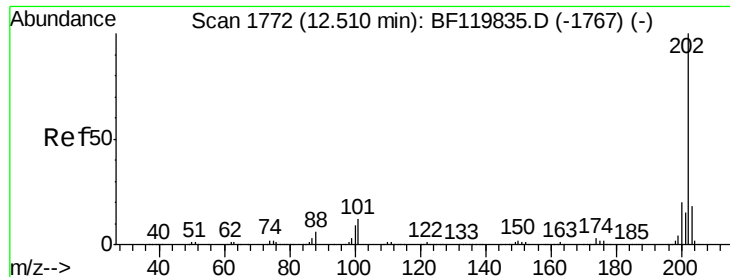
mohammad
 4/10/2020 9:57:15 AM



#74
 Di-n-butylphthalate
 Concen: 42.667 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:149 Resp: 1912068
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.4 3.8 5.6





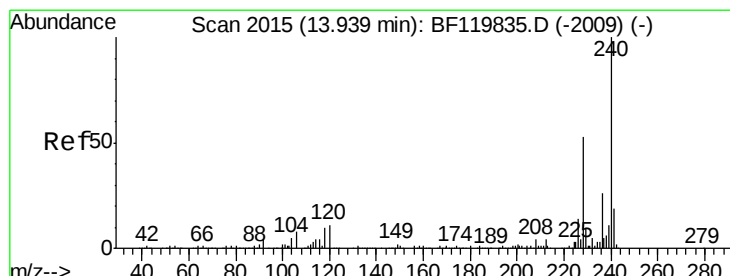
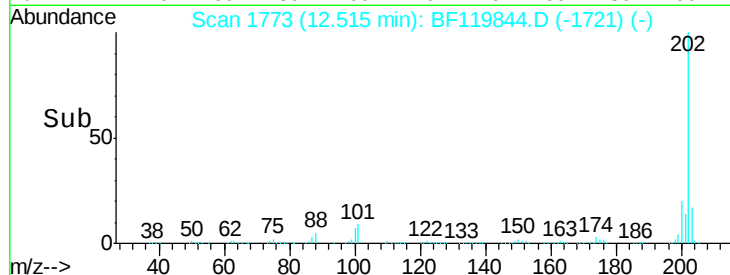
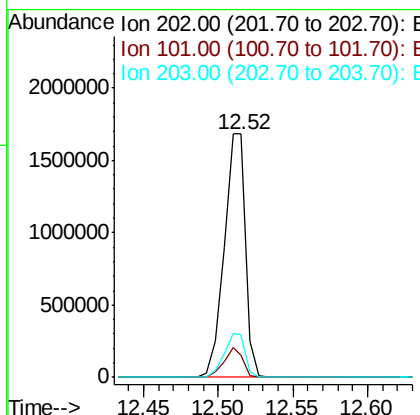
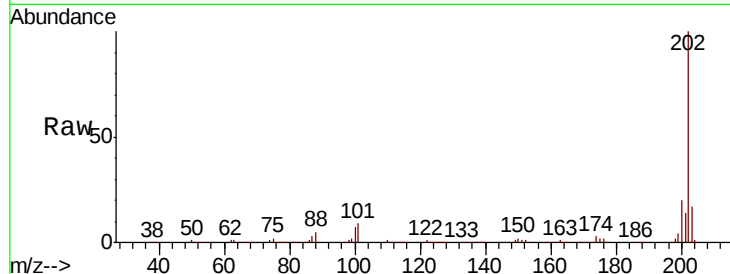
#75
 Fluoranthene
 Concen: 44.535 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	32.3
203	17.3	0.0	37.6

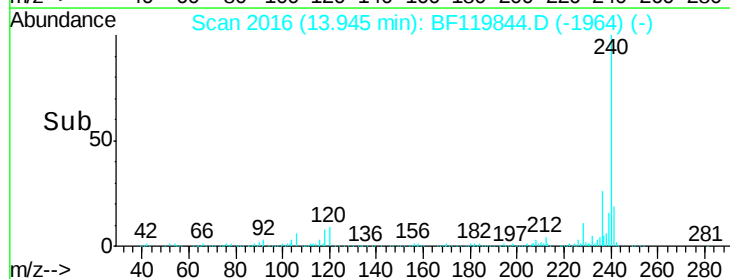
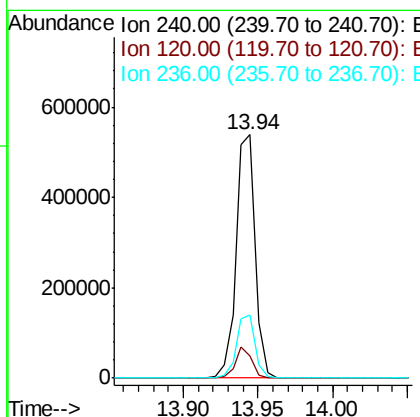
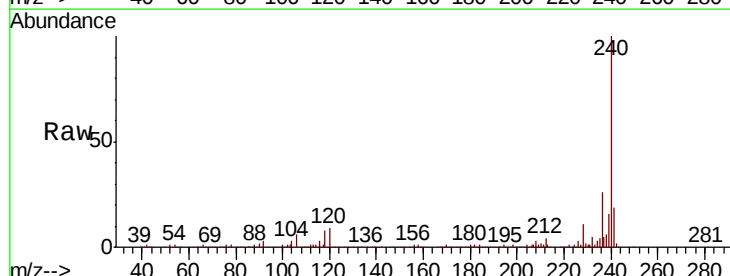
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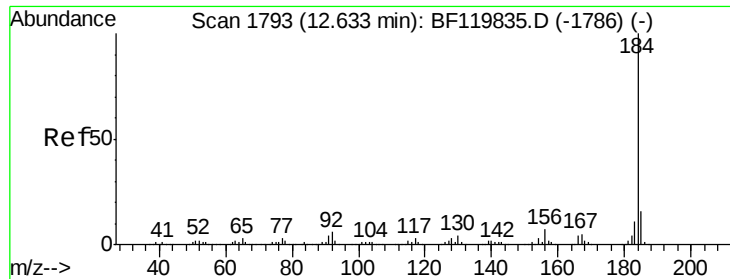
mohammad
 4/10/2020 9:57:15 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.0	13.6#
236	25.8	20.7	31.1





#77

Benzidine

Concen: 41.283 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:184 Resp: 673373

Ion Ratio Lower Upper

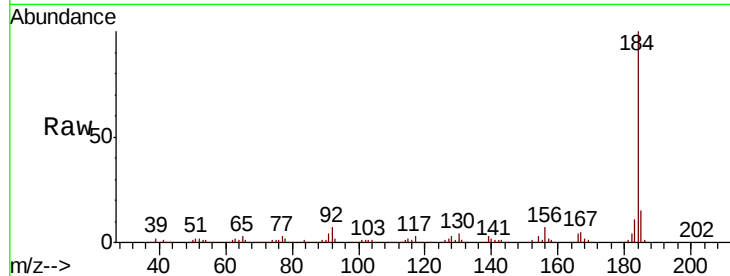
184 100

185 14.6 13.2 19.8

183 10.8 9.1 13.7

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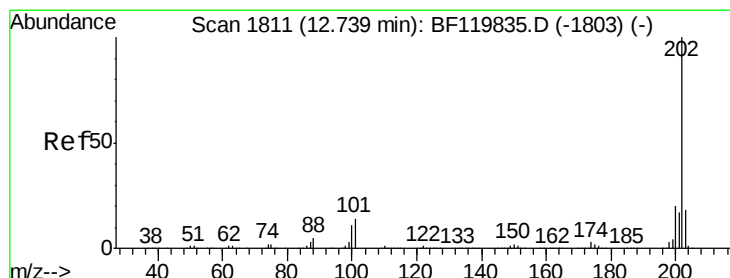
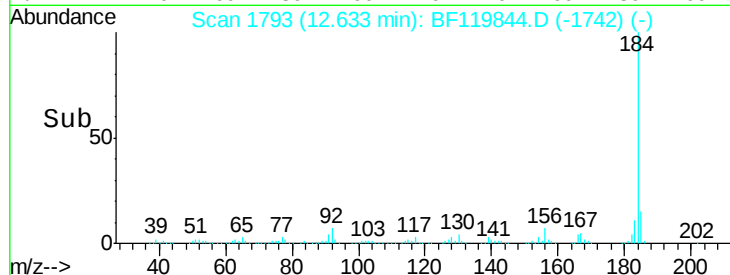
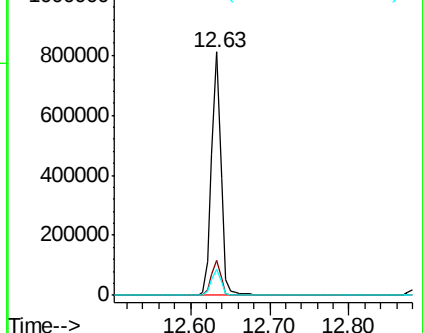
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.123 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

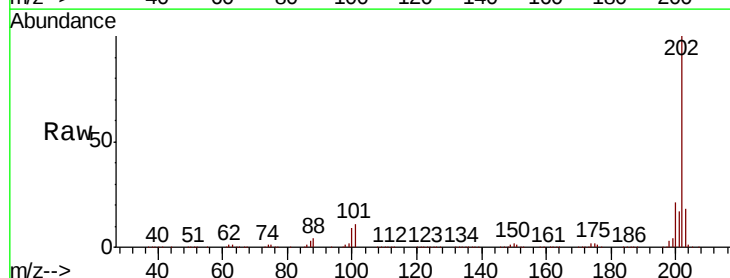
Tgt Ion:202 Resp: 1672869

Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

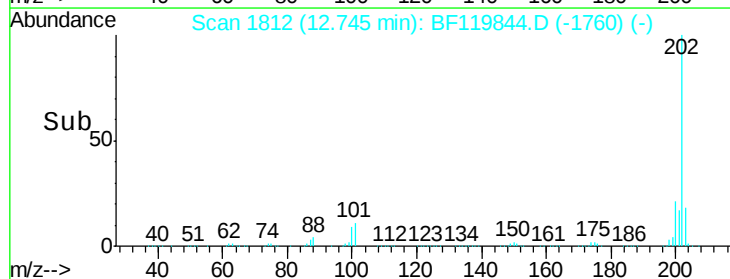
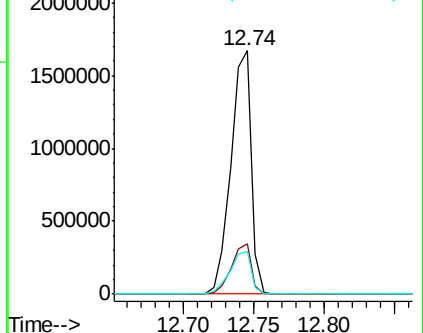
203 17.5 14.1 21.1



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: 82.088 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:244 Resp: 2354073

Ion Ratio Lower Upper

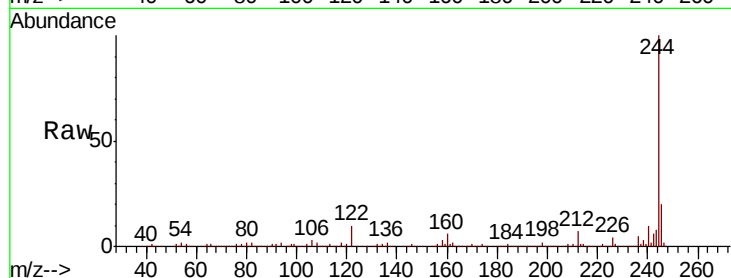
244 100

212 6.6 5.4 8.0

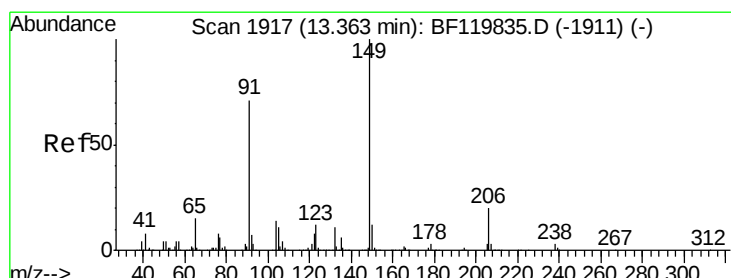
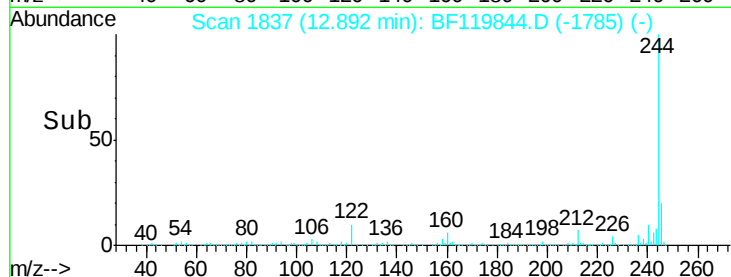
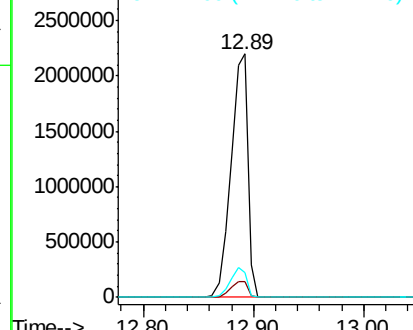
122 9.9 10.3 15.5#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.243 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

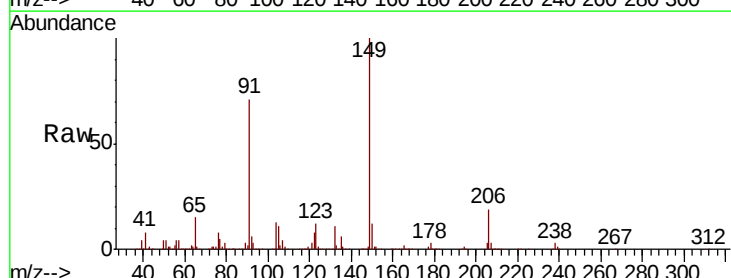
Tgt Ion:149 Resp: 794356

Ion Ratio Lower Upper

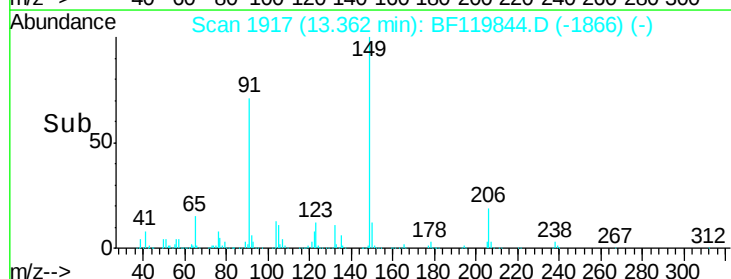
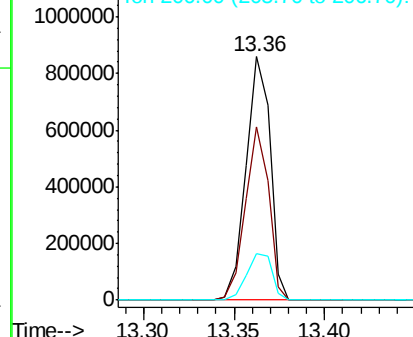
149 100

91 71.2 56.7 85.1

206 19.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.402 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

Instrument :

BNA_F

ClientSampleId :

PB128044BS

Tot Ion:228 Resp: 1346036

Ion Ratio Lower Upper

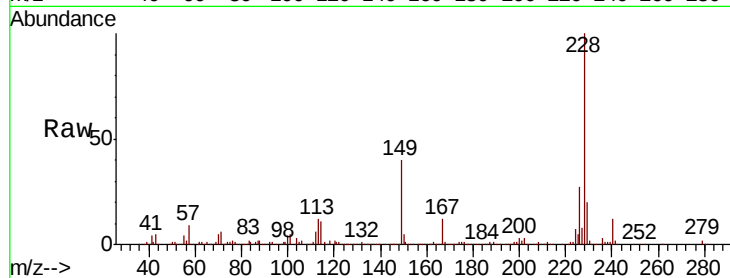
228 100

226 27.0 21.9 32.9

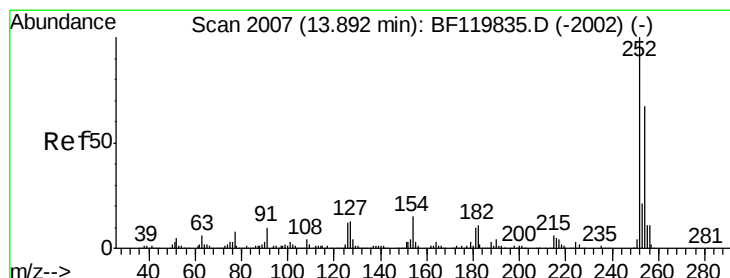
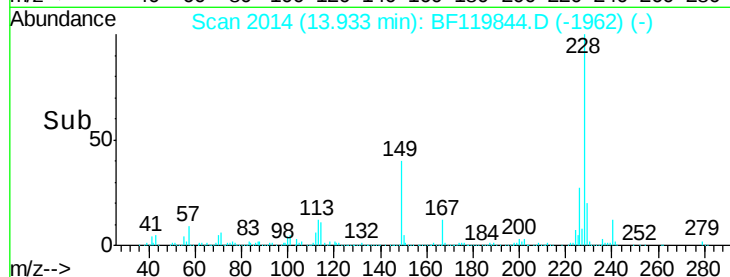
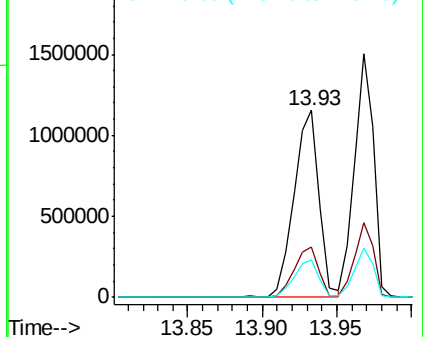
229 19.8 15.9 23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.818 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119844.D

Acq: 9 Apr 2020 00:44

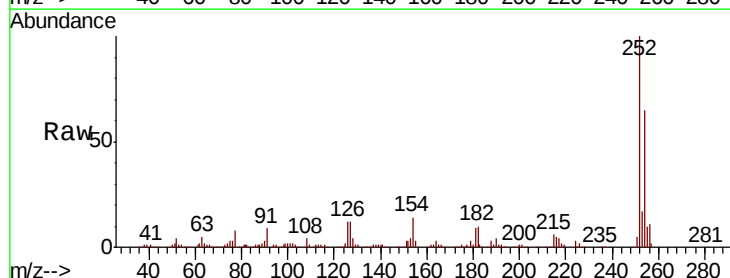
Tgt Ion:252 Resp: 388714

Ion Ratio Lower Upper

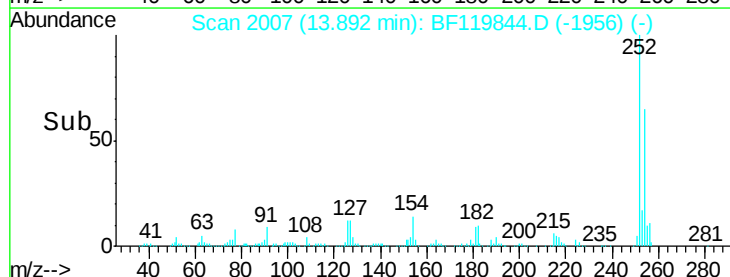
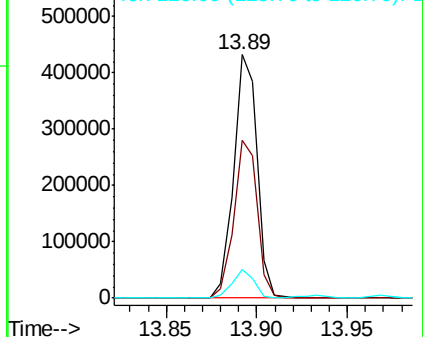
252 100

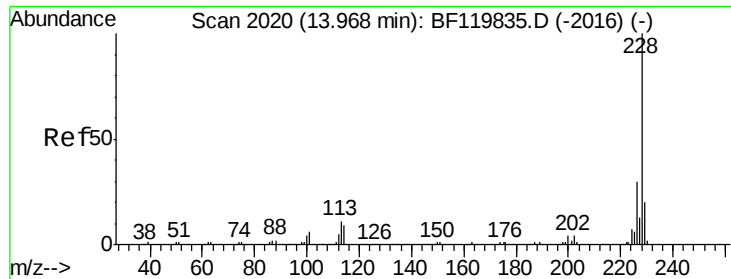
254 64.6 53.9 80.9

126 11.6 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





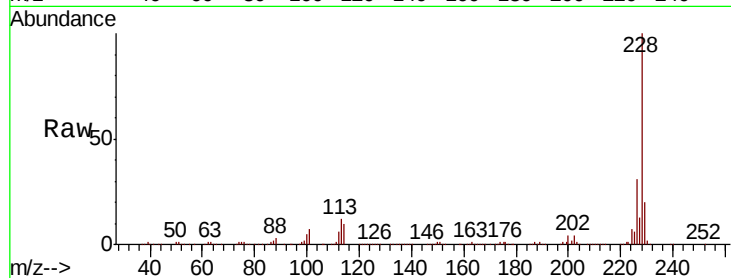
#83
 Chrvsene
 Concen: 42.681 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB128044BS

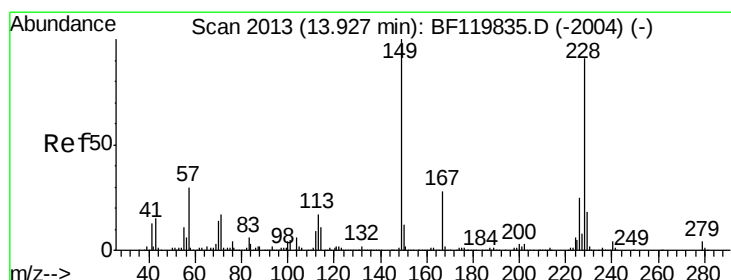
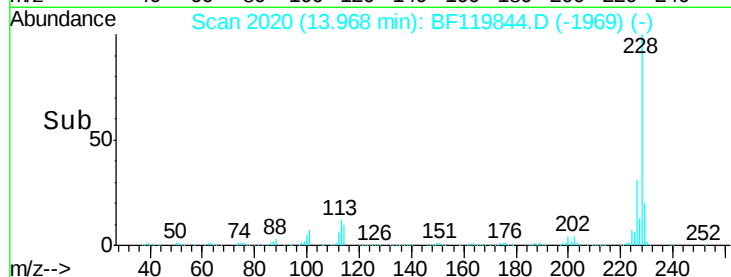
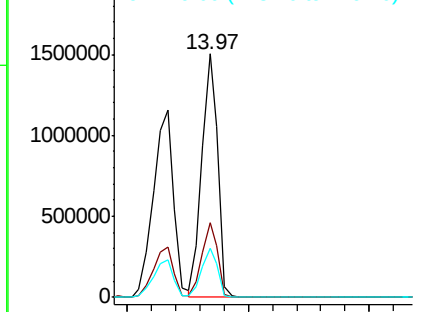
Tot Ion:228 Resp: 1376700
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 20.3 15.9 23.9

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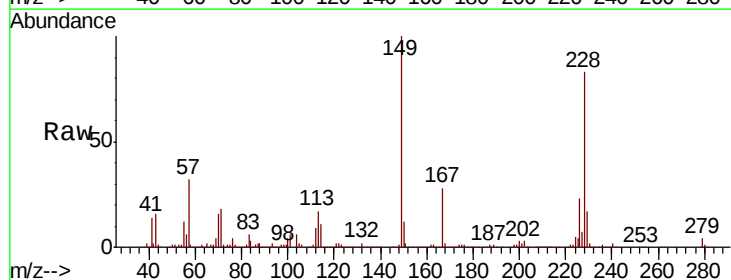


Abundance Ion 228.00 (227.70 to 228.70): E
 2000000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

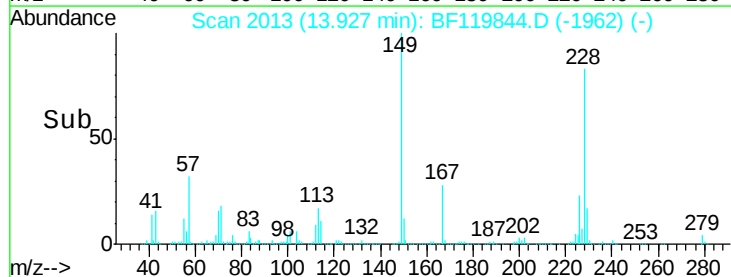
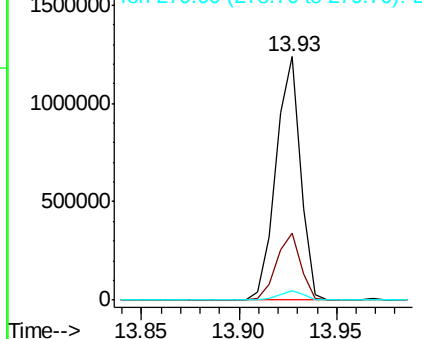


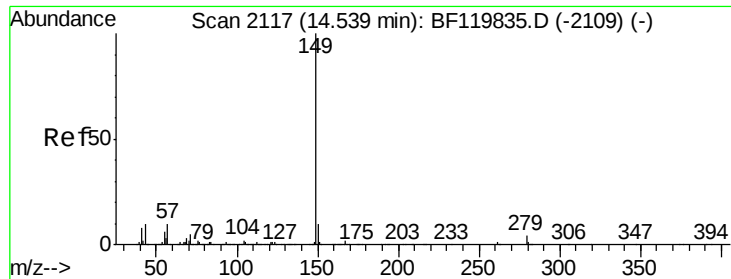
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.436 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF119844.D
 Acq: 9 Apr 2020 00:44

Tgt Ion:149 Resp: 1080874
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.2
 279 3.9 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





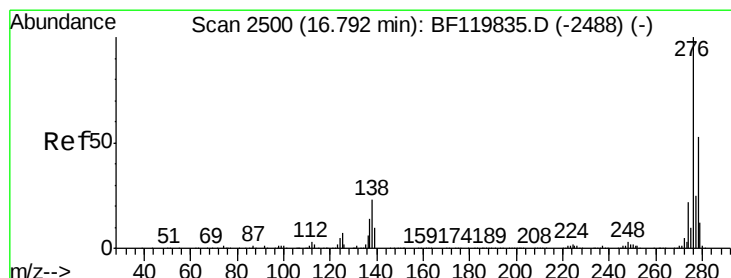
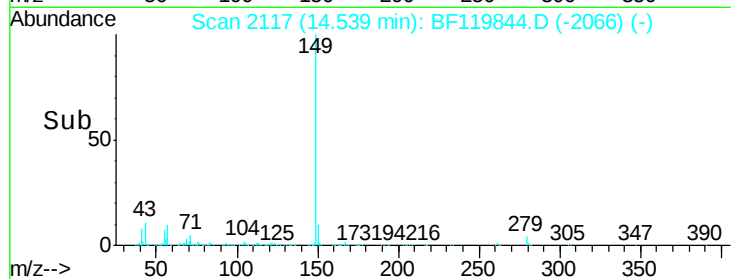
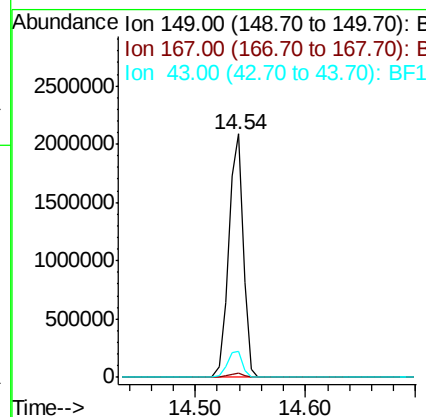
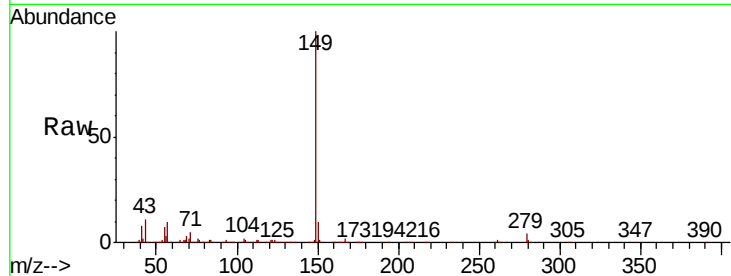
#85
Di-n-octyl phthalate
Concen: 42.285 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.2	9.2	13.8

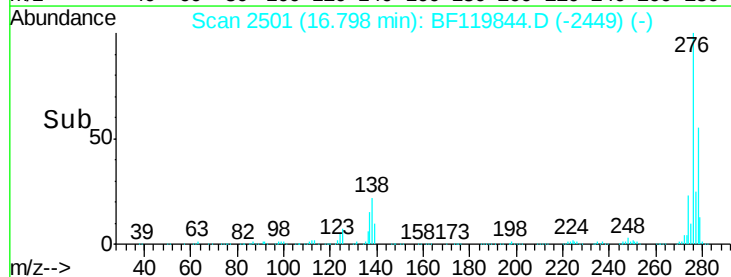
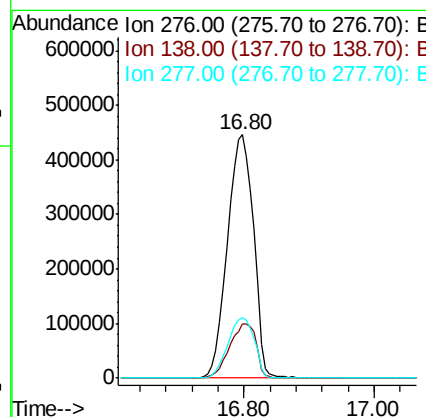
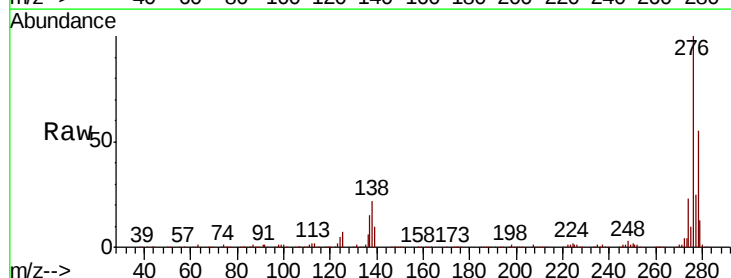
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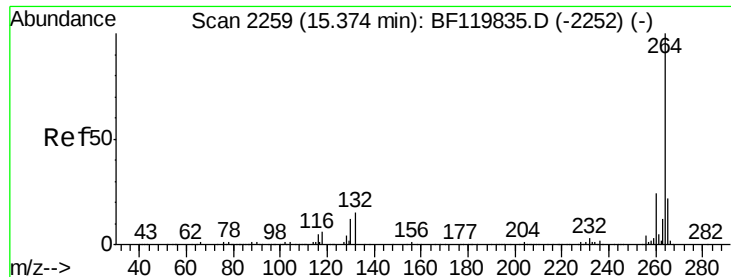
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.536 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.0	27.0
277	25.3	20.1	30.1





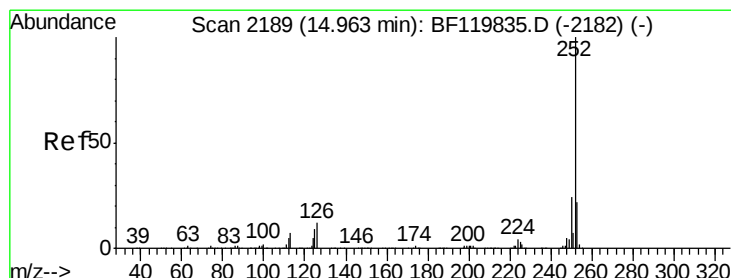
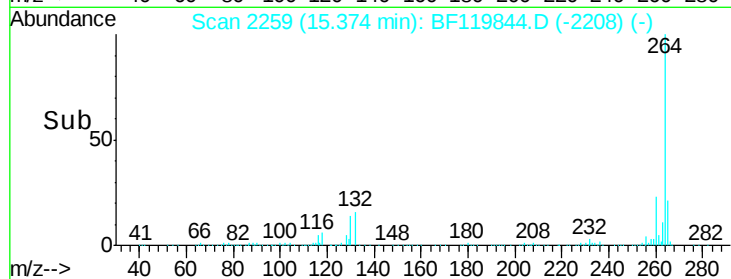
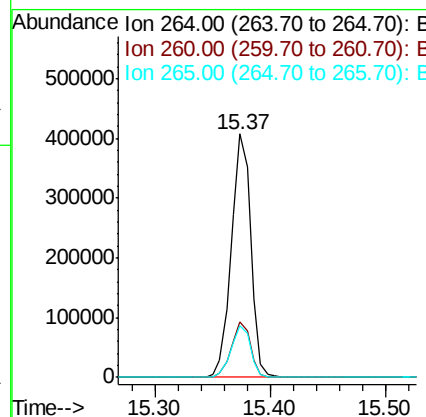
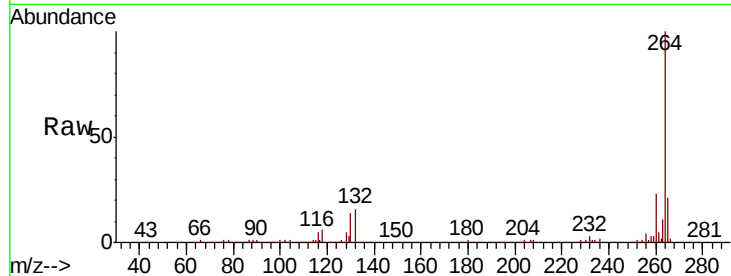
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleID :
PB128044BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.1	17.6	26.4

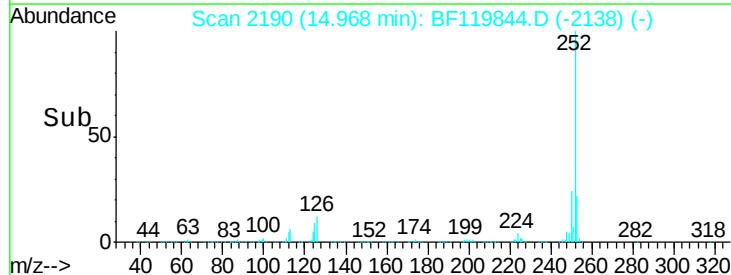
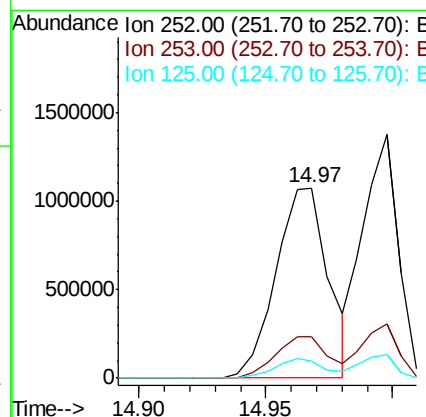
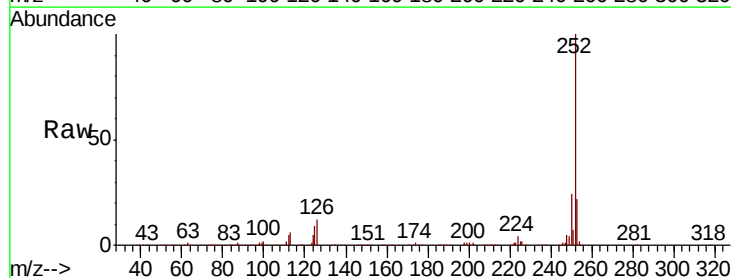
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#88
Benzo(b)fluoranthene
Concen: 45.236 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.8	7.4	11.2





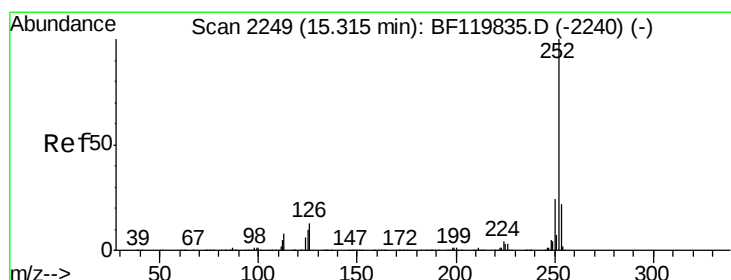
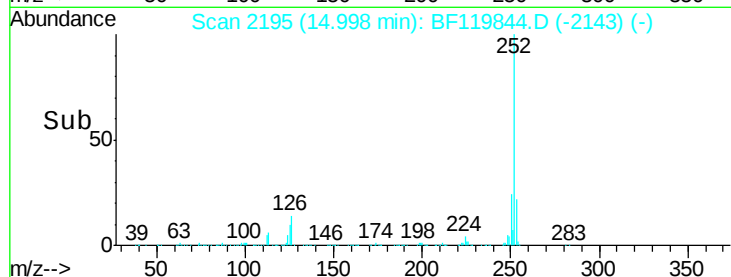
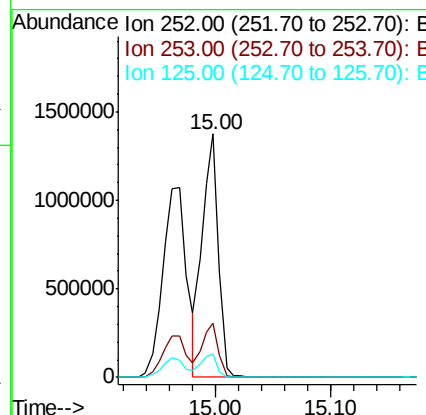
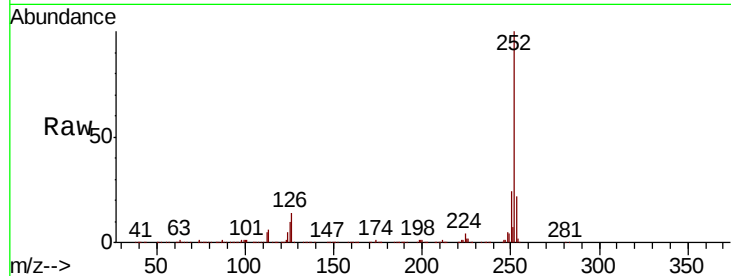
#89
Benzo(k)fluoranthene
Concen: 45.688 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.8	7.7	11.5

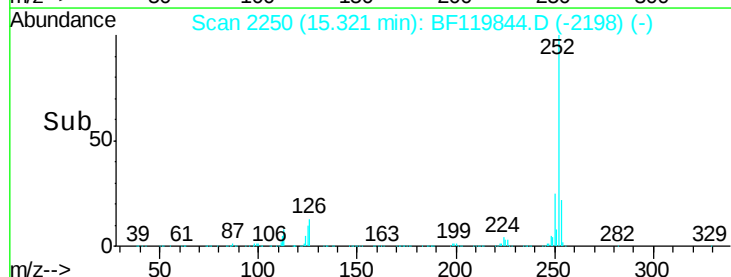
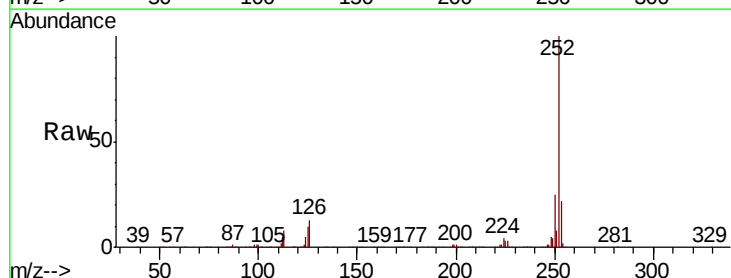
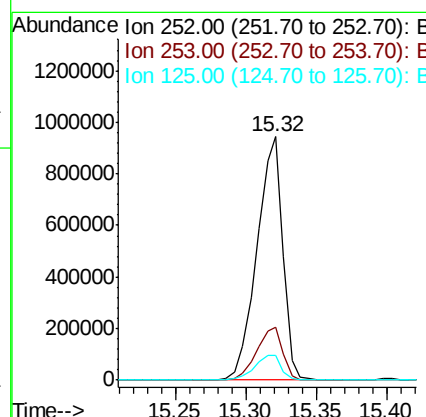
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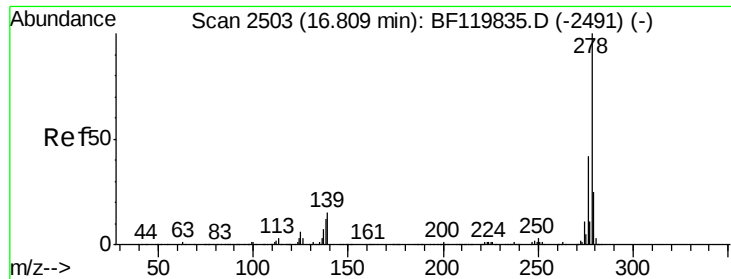
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#90
Benzo(a)pyrene
Concen: 42.364 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.1	8.3	12.5





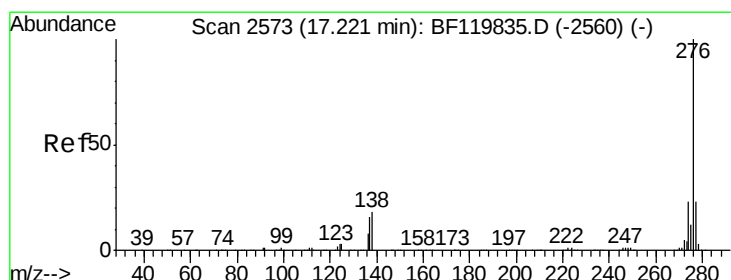
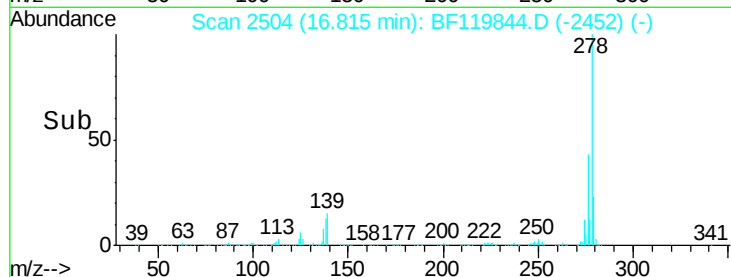
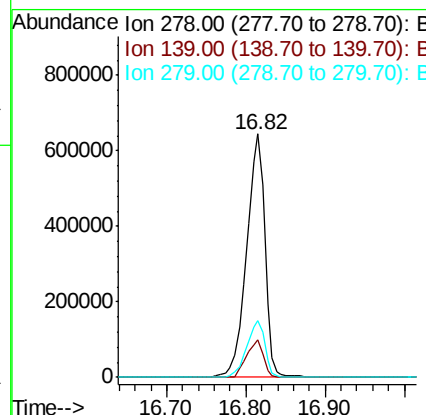
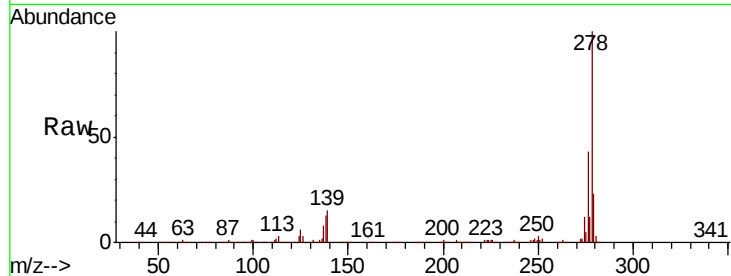
#91
Dibenzo(a,h)anthracene
Concen: 40.402 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Instrument :
BNA_F
ClientSampleId :
PB128044BS

Tot Ion:278 Resp: 1030474
Ion Ratio Lower Upper
278 100
139 15.4 11.6 17.4
279 23.4 19.7 29.5

Manual Integrations
APPROVED

mohammad
4/10/2020 9:57:15 AM



#92
Benzo(g,h,i)perylene
Concen: 39.176 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF119844.D
Acq: 9 Apr 2020 00:44

Tgt Ion:276 Resp: 986314
Ion Ratio Lower Upper
276 100
277 23.3 18.5 27.7
138 18.1 14.6 22.0

