

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117445.D
 Acq On : 18 Oct 2019 17:27
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:04:40 PM

Quant Time: Oct 18 18:55:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48539	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	203451	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	103987	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	160037	20.00	ng	0.00
76) Chrysene-d12	13.90	240	97754	20.00	ng	0.00
87) Perylene-d12	15.33	264	87049	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	520879	165.11	ng	0.00
7) Phenol-d6	6.40	99	678699	162.15	ng	0.02
23) Nitrobenzene-d5	7.32	82	650425	162.06	ng	0.01
42) 2,4,6-Tribromophenol	10.57	330	138520	163.67	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1111884	155.88	ng	0.00
79) Terphenyl-d14	12.84	244	989262	164.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	108527	83.566	ng	100
3) Pyridine	3.12	79	274455	83.040	ng	97
4) n-Nitrosodimethylamine	3.10	42	103617	88.966	ng	97
6) Aniline	6.41	93	400305	76.557	ng	# 37
8) 2-Chlorophenol	6.53	128	268915	76.673	ng	95
9) Benzaldehyde	6.29	77	130171	63.783	ng	96
10) Phenol	6.41	94	353672	78.267	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	269516	78.448	ng	99
12) 1,3-Dichlorobenzene	6.68	146	301835	76.955	ng	97
13) 1,4-Dichlorobenzene	6.76	146	301683	75.454	ng	97
14) 1,2-Dichlorobenzene	6.91	146	280912	74.385	ng	100
15) Benzyl Alcohol	6.90	79	245425	76.639	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	278269	77.136	ng	73
17) 2-Methylphenol	7.01	107	220011	75.141	ng	92
18) Hexachloroethane	7.25	117	119965	77.173	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	208760	78.222	ng	97
20) 3+4-Methylphenols	7.17	107	284019	75.335	ng	# 74
22) Acetophenone	7.16	105	424557	79.525	ng	98
24) Nitrobenzene	7.33	77	310378	77.199	ng	97
25) Isophorone	7.57	82	557132	77.924	ng	99
26) 2-Nitrophenol	7.65	139	143292	80.329	ng	96
27) 2,4-Dimethylphenol	7.69	122	206448	76.150	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	343630	77.529	ng	99
29) 2,4-Dichlorophenol	7.89	162	219820	78.582	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	233599	77.464	ng	100
31) Naphthalene	8.05	128	781182	76.885	ng	99
32) Benzoic acid	7.88	122	158876	94.112	ng	97
33) 4-Chloroaniline	8.10	127	331360	76.793	ng	97
34) Hexachlorobutadiene	8.16	225	132643	76.800	ng	95
35) Caprolactam	8.50	113	68827m	78.569	ng	
36) 4-Chloro-3-methylphenol	8.59	107	242750	76.263	ng	99
37) 2-Methylnaphthalene	8.73	142	523412	76.289	ng	99
38) 1-Methylnaphthalene	8.83	142	492154	76.134	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	218123	77.939	ng	99

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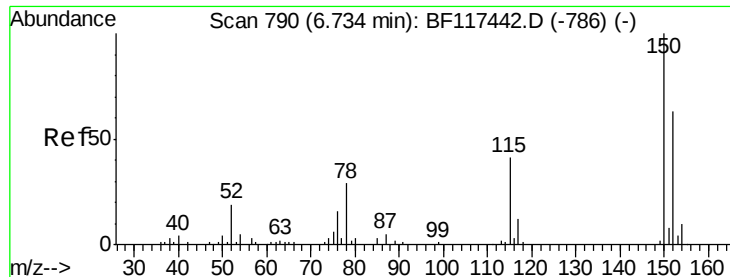
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	62133	118.891	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	136137	76.865	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	138963	76.920	nq	98
46) 1,1'-Biphenyl	9.20	154	652324	76.788	nq	99
47) 2-Chloronaphthalene	9.22	162	501392	75.713	nq	99
48) 2-Nitroaniline	9.33	65	164186	77.706	nq	92
49) Acenaphthylene	9.63	152	732015	75.402	nq	99
50) Dimethylphthalate	9.50	163	569154	76.211	nq	99
51) 2,6-Dinitrotoluene	9.57	165	120698	76.891	nq	94
52) Acenaphthene	9.81	154	443613	75.201	nq	100
53) 3-Nitroaniline	9.75	138	143086	74.645	nq	98
54) 2,4-Dinitrophenol	9.86	184	49106	81.649	nq	89
55) Dibenzofuran	9.98	168	638450	74.193	nq	99
56) 4-Nitrophenol	9.92	139	66528	87.209	nq	96
57) 2,4-Dinitrotoluene	9.98	165	156451	75.535	nq	92
58) Fluorene	10.32	166	529225	73.862	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	104586	74.885	nq	97
60) Diethylphthalate	10.20	149	565158	75.075	nq	97
61) 4-Chlorophenyl-phenylether	10.31	204	236682	74.610	nq	95
62) 4-Nitroaniline	10.37	138	135618	74.428	nq	97
63) Azobenzene	10.47	77	583997	75.607	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	71686	89.171	nq	95
66) n-Nitrosodiphenylamine	10.44	169	452337	75.660	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	134527	76.639	nq	97
68) Hexachlorobenzene	10.87	284	144161	76.473	nq	96
70) Pentachlorophenol	11.07	266	49037	86.950	nq	94
71) Phenanthrene	11.28	178	723279	76.453	nq	99
72) Anthracene	11.33	178	740592	75.832	nq	99
73) Carbazole	11.49	167	663448	74.786	nq	100
74) Di-n-butylphthalate	11.82	149	884134	73.601	nq	99
75) Fluoranthene	12.47	202	696098	73.997	nq	99
77) Benzidine	12.59	184	160032m	66.193	nq	
78) Pyrene	12.70	202	694971	80.428	nq	99
80) Butylbenzylphthalate	13.31	149	338523	77.910	nq	98
81) Benzo(a)anthracene	13.89	228	512324	76.383	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	143997	67.902	nq	# 98
83) Chrysene	13.93	228	501242	75.779	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	470613	76.817	nq	96
85) Di-n-octyl phthalate	14.48	149	701636	75.226	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	407859	88.185	nq	99
88) Benzo(b)fluoranthene	14.92	252	399026	73.632	nq	98
89) Benzo(k)fluoranthene	14.95	252	397543	73.816	nq	99
90) Benzo(a)pyrene	15.27	252	363235	75.693	nq	96
91) Dibenzo(a,h)anthracene	16.74	278	343266	83.478	nq	98
92) Benzo(g,h,i)perylene	17.16	276	334017	85.336	nq	97

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



#1

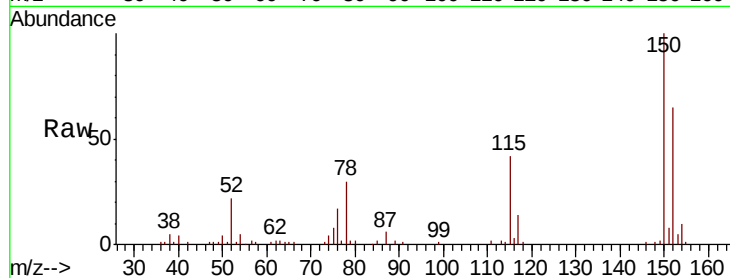
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.8	190.2
115	64.6	51.6	77.4

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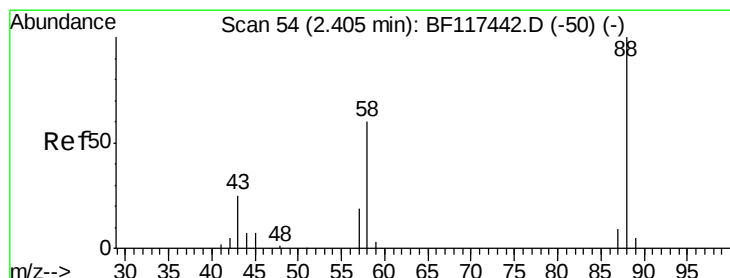
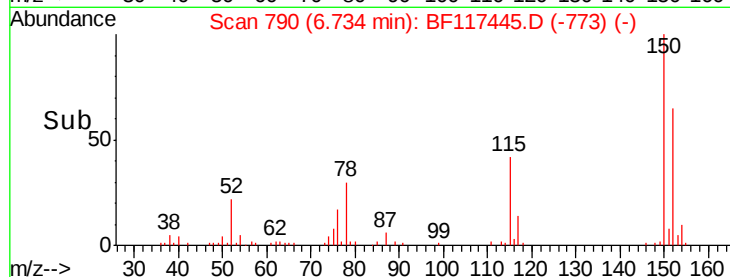
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

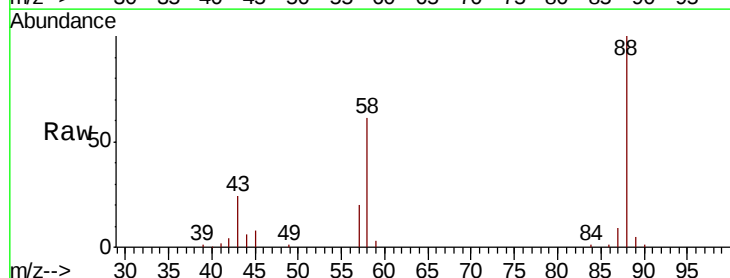
Time-->



#2

1,4-Dioxane
Concen: 83.566 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	48.8	73.2
43	23.5	18.5	27.7



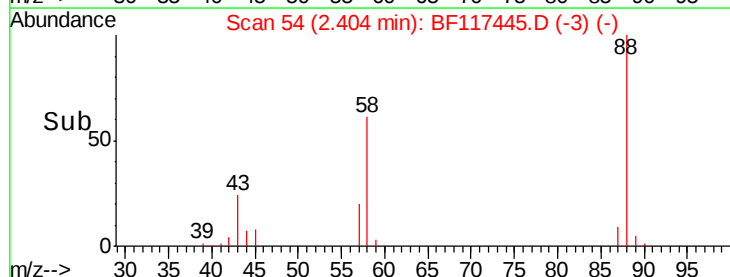
Abundance

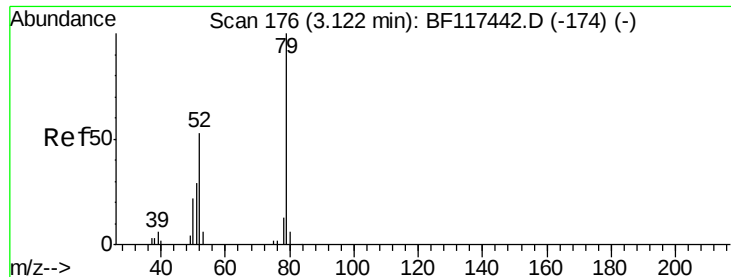
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 83.040 ng

RT: 3.12 min Scan# 176

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

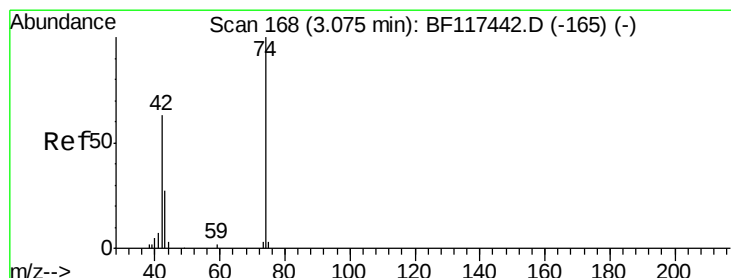
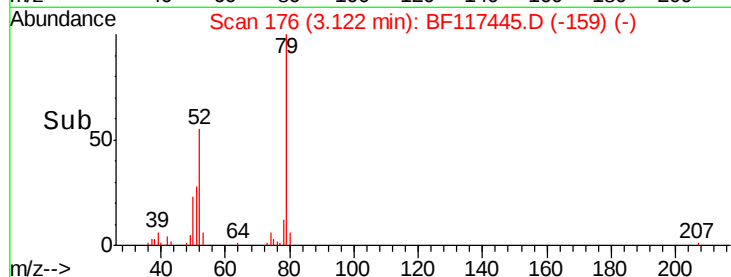
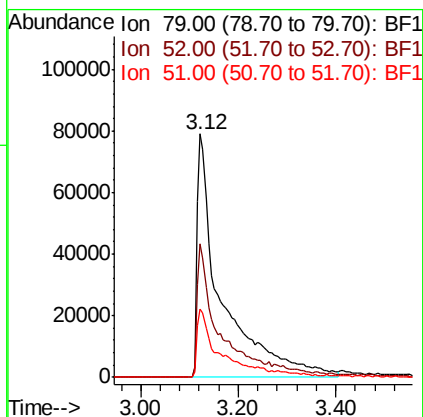
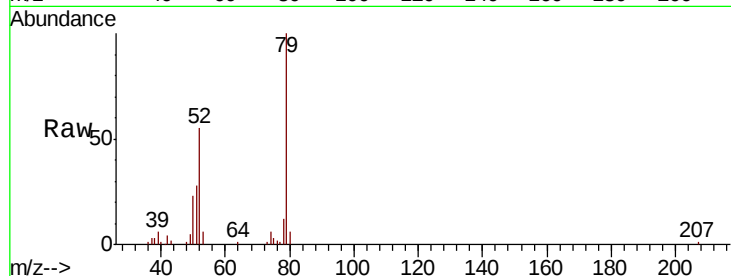
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	274455
Ion	Ratio	Lower	Upper
79	100		
52	55.1	42.4	63.6
51	28.1	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 88.966 ng

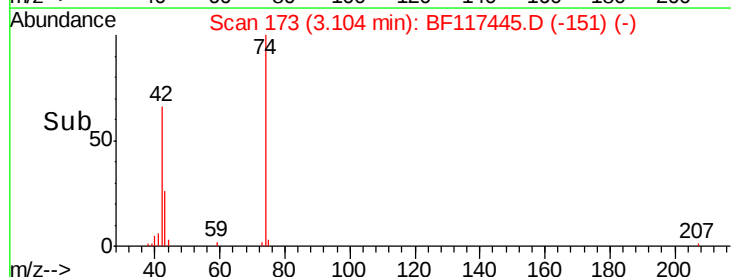
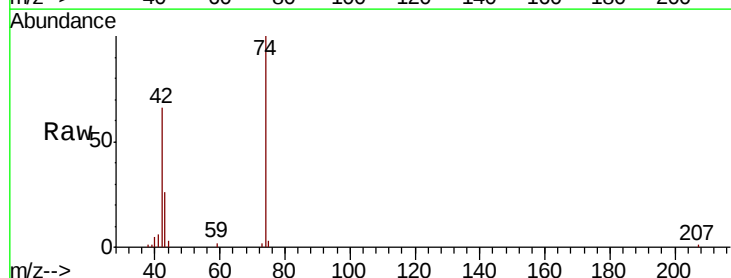
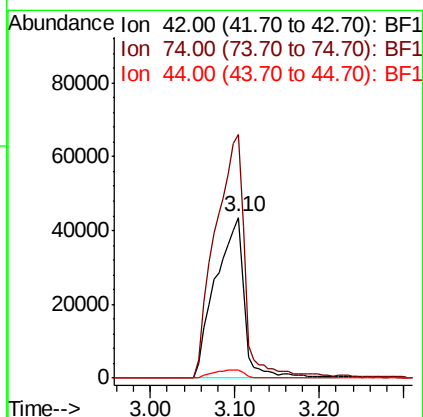
RT: 3.10 min Scan# 173

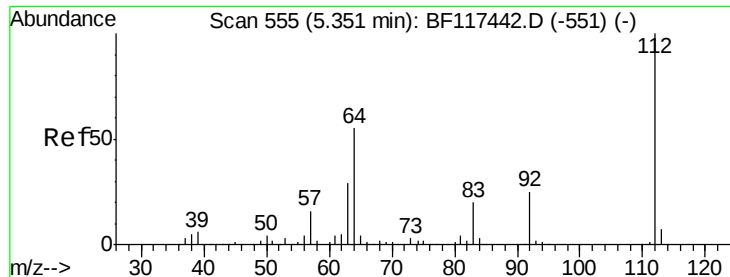
Delta R.T. 0.03 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:	42	Resp:	103617
Ion	Ratio	Lower	Upper
42	100		
74	151.4	124.2	186.4
44	4.7	4.2	6.4





#5

2-Fluorophenol

Concen: 165.112 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

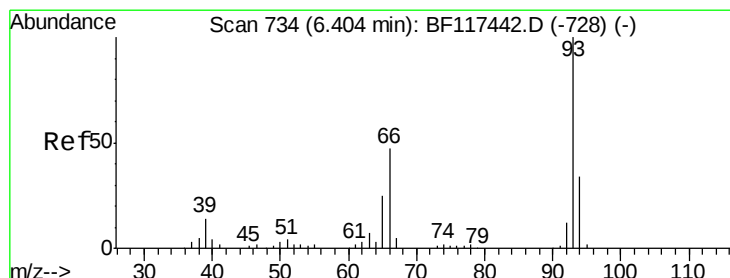
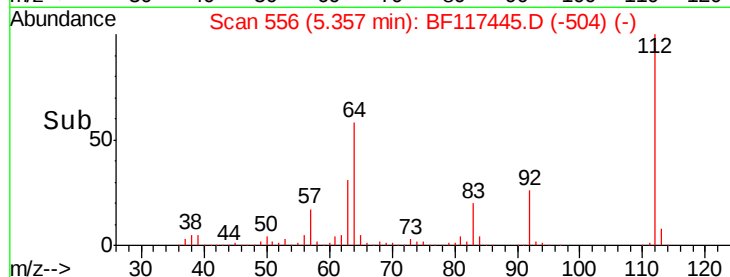
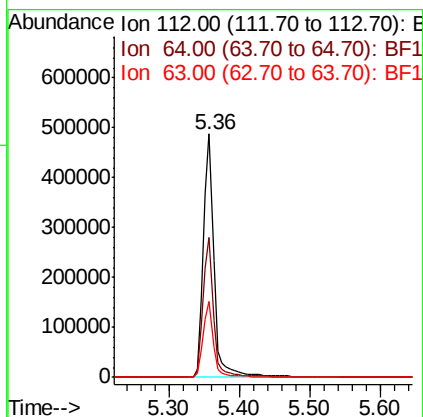
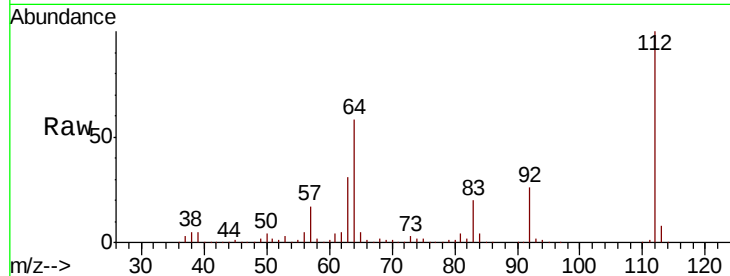
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		520879		
64	57.6	44.1	66.1		
63	31.1	23.4	35.2		

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#6

Aniline

Concen: 76.557 ng

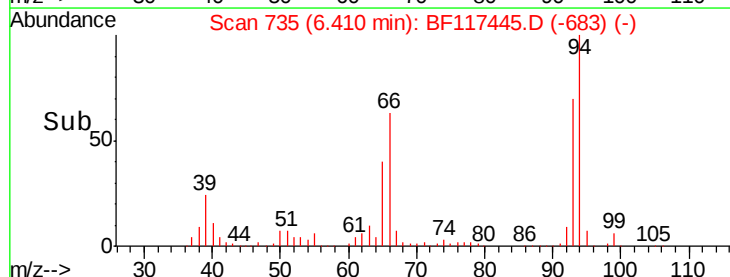
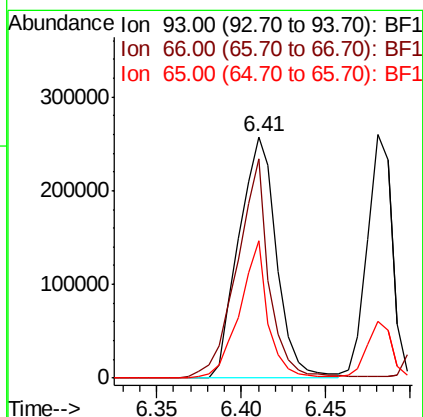
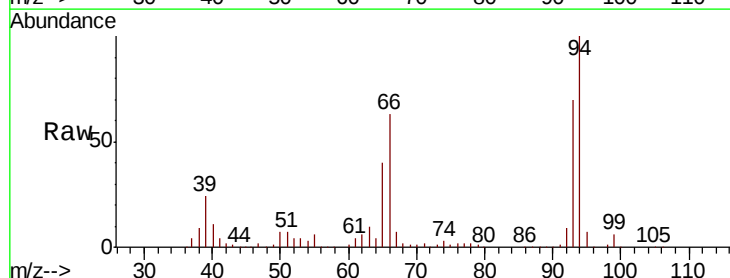
RT: 6.41 min Scan# 735

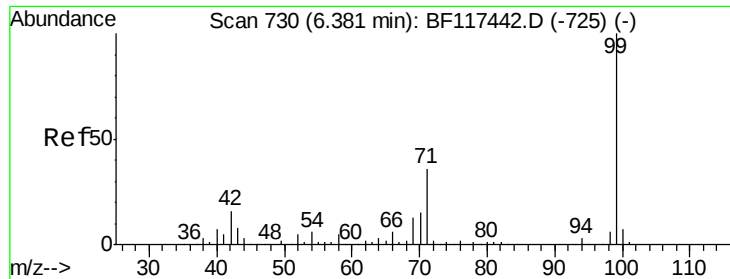
Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		400305		
66	90.8	38.7	58.1#		
65	56.8	20.1	30.1#		





#7

Phenol-d6

Concen: 162.148 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

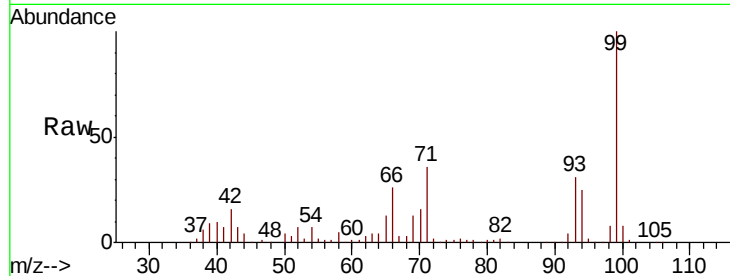
ClientSampleId :

SSTDIC080

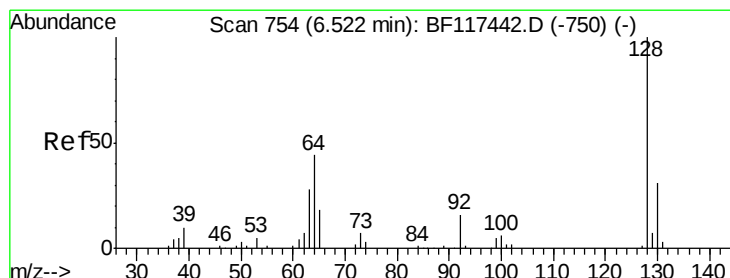
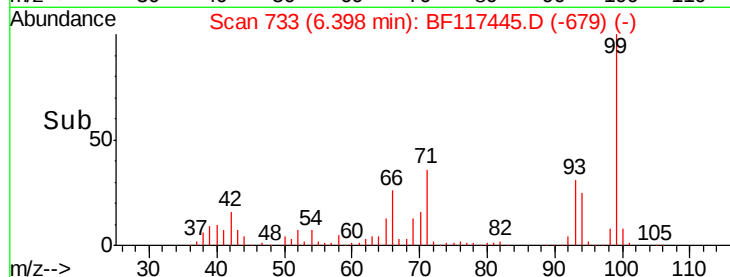
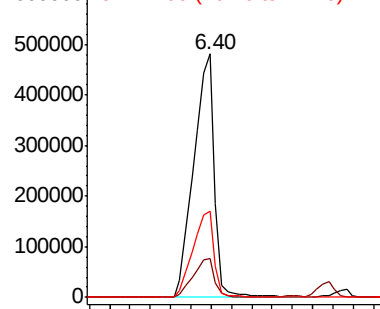
Tot Ion:	99	Resp:	678699
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.8	19.2
71	35.6	28.6	43.0

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



#8

2-Chlorophenol

Concen: 76.673 ng

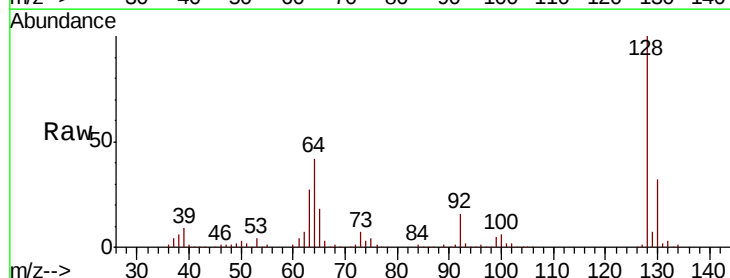
RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

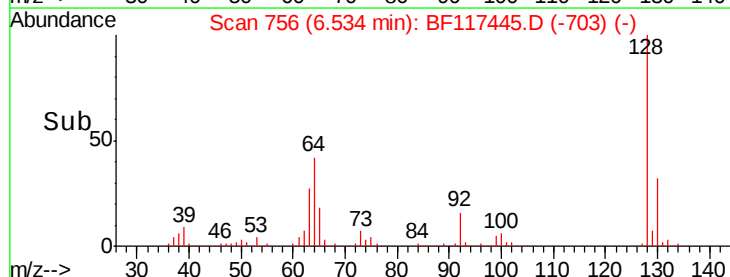
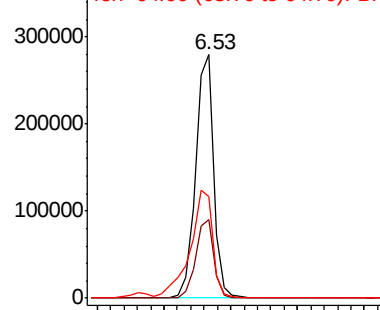
Lab File: BF117445.D

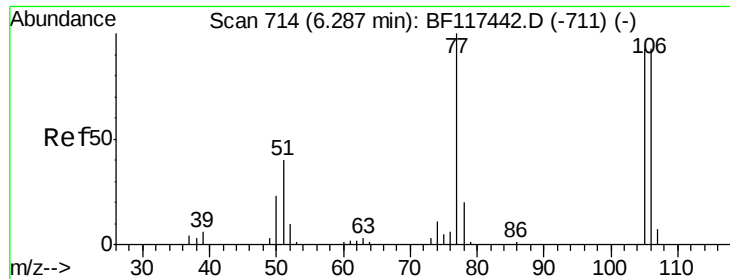
Acq: 18 Oct 2019 17:27

Tgt Ion:	128	Resp:	268915
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.1	51.1
64	41.9	27.1	67.1



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: 63.783 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

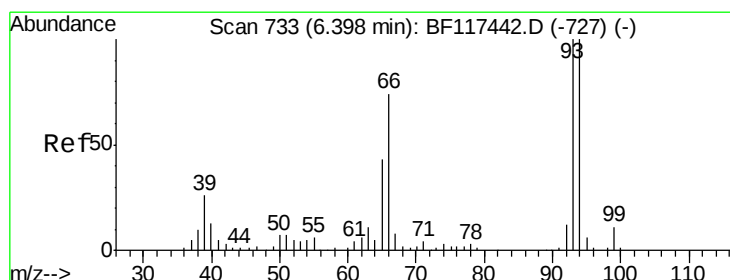
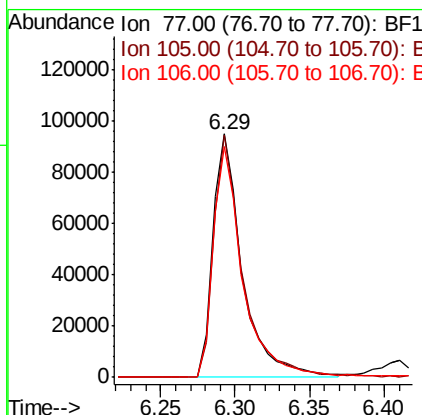
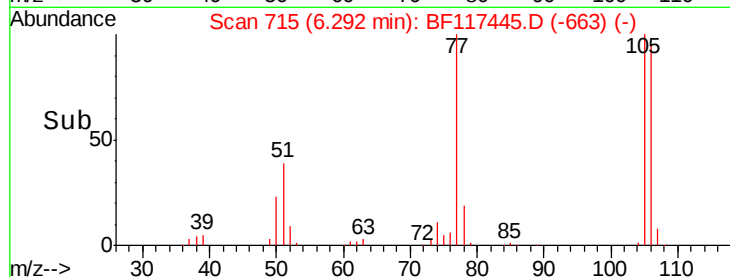
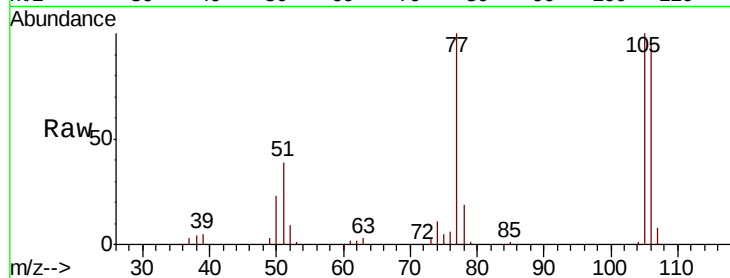
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	130171
Ion Ratio	Lower	Upper	
77	100		
105	99.7	73.4	113.4
106	94.9	73.0	113.0

Manual Integrations
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#10

Phenol

Concen: 78.267 ng

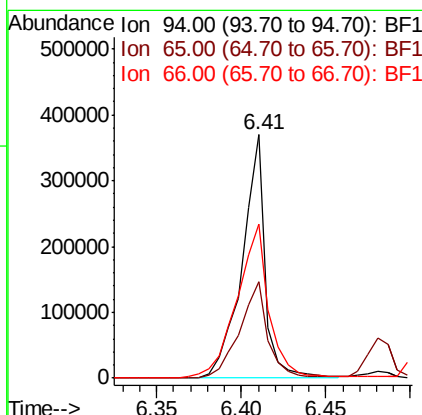
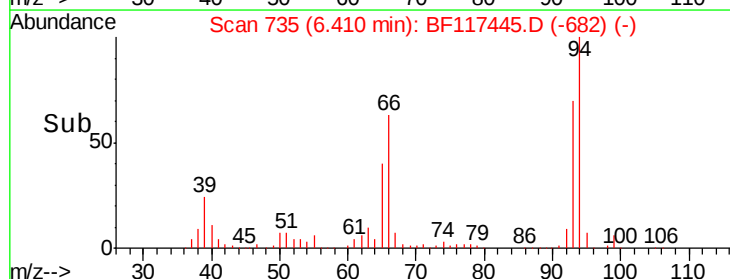
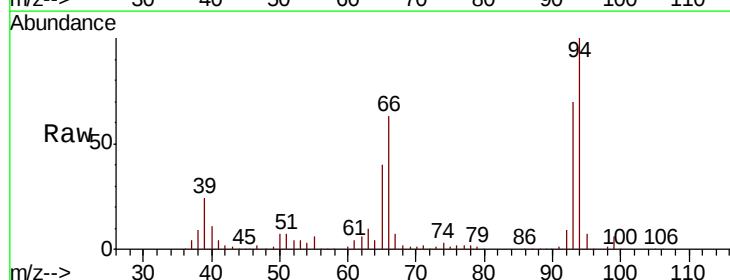
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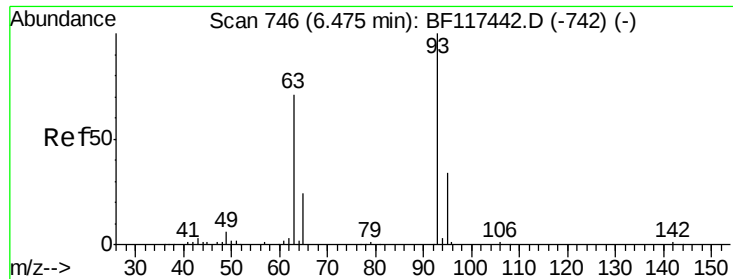
Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:	94	Resp:	353672
Ion Ratio	Lower	Upper	
94	100		
65	39.5	23.4	63.4
66	63.1	54.7	94.7





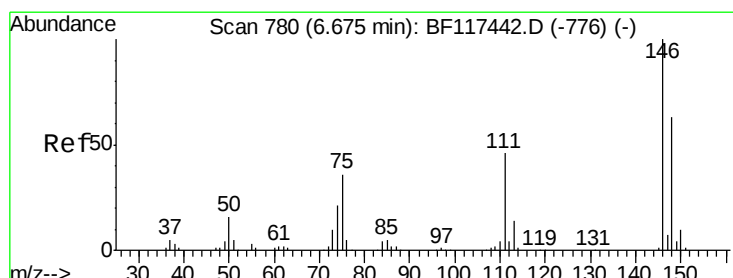
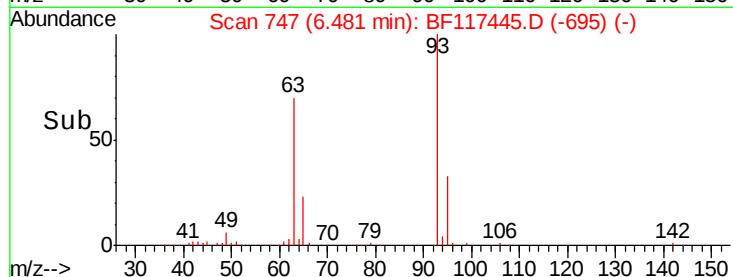
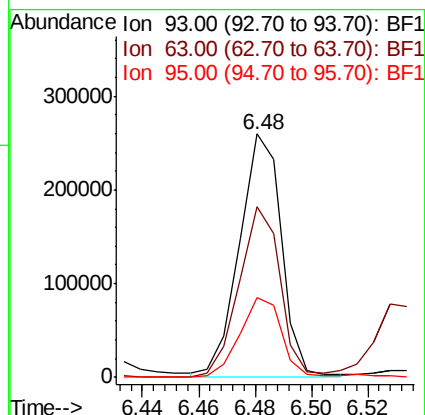
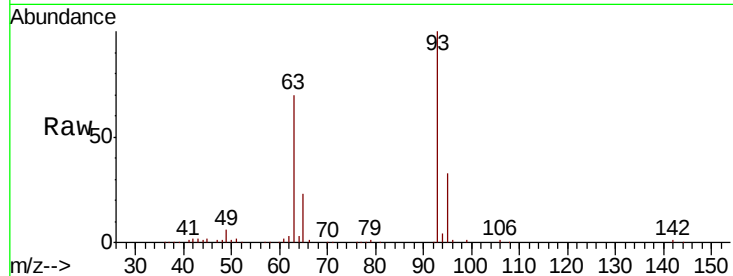
#11
bis(2-Chloroethyl)ether
Concen: 78.448 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
93	100	269516		
63	70.3		50.2	90.2
95	32.7		13.9	53.9

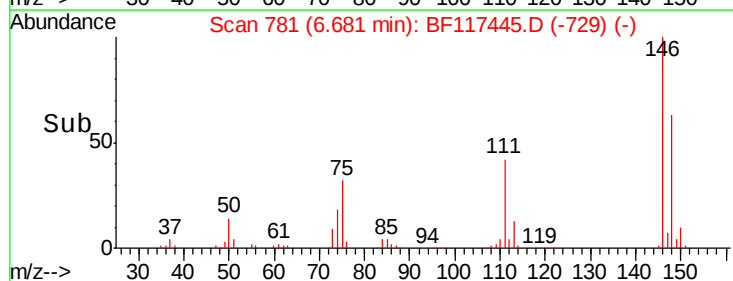
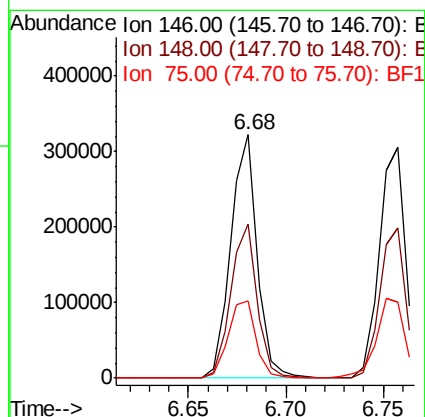
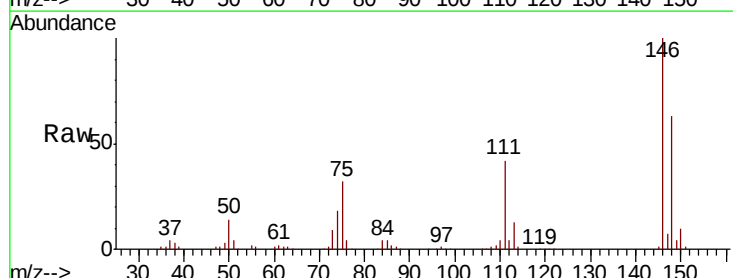
Manual Integrations
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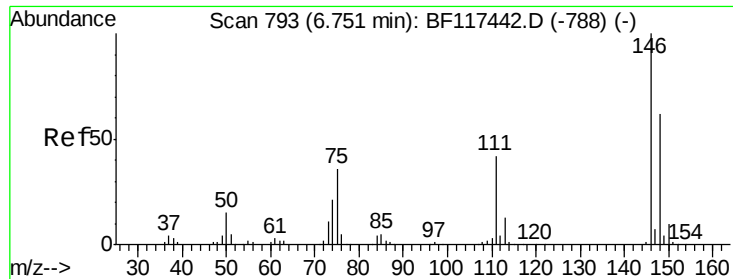
mohammad
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#12
1,3-Dichlorobenzene
Concen: 76.955 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	301835		
148	63.0		50.6	75.8
75	31.9		28.6	43.0





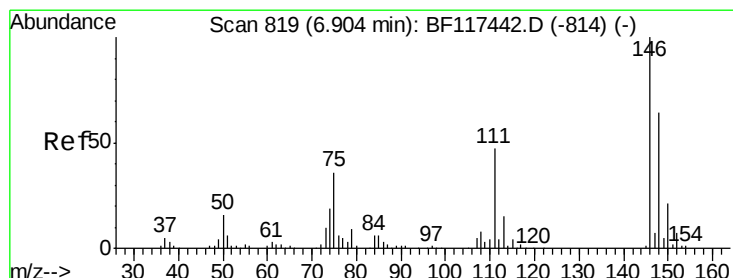
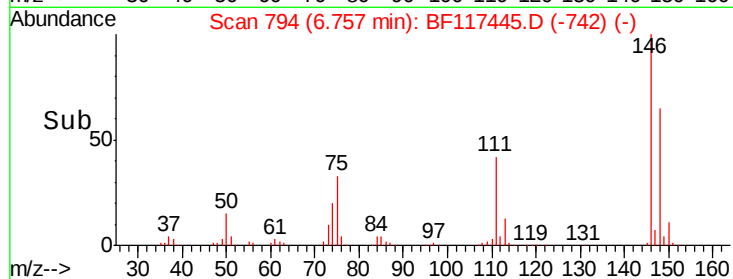
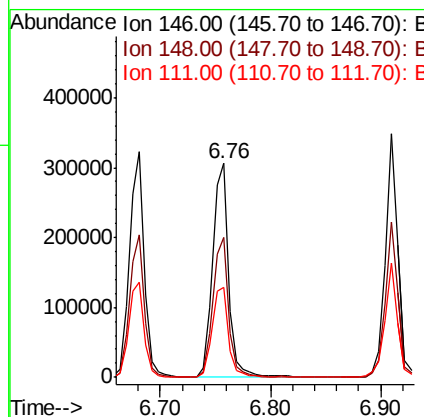
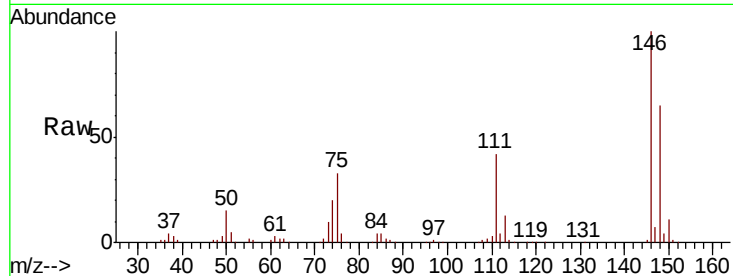
#13
1,4-Dichlorobenzene
Concen: 75.454 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	49.3	73.9
111	42.3	33.6	50.4

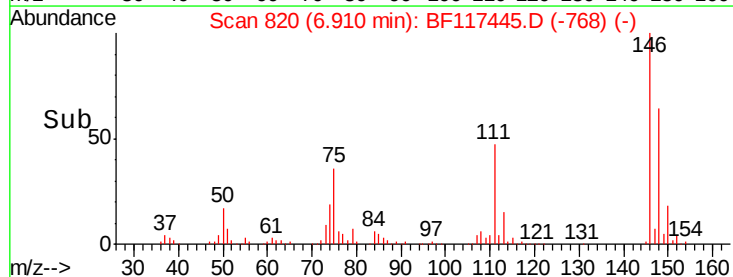
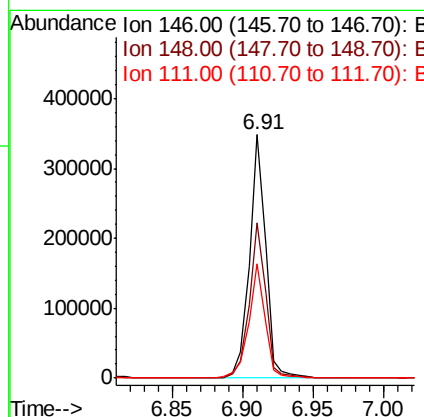
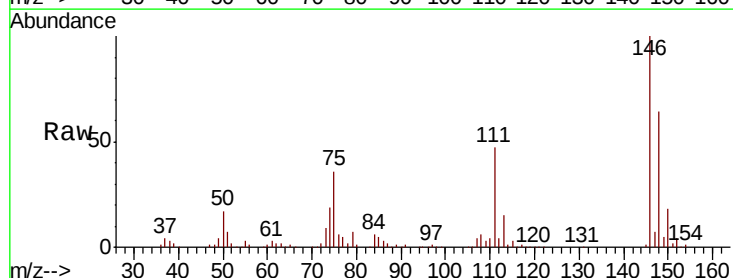
Manual Integrations
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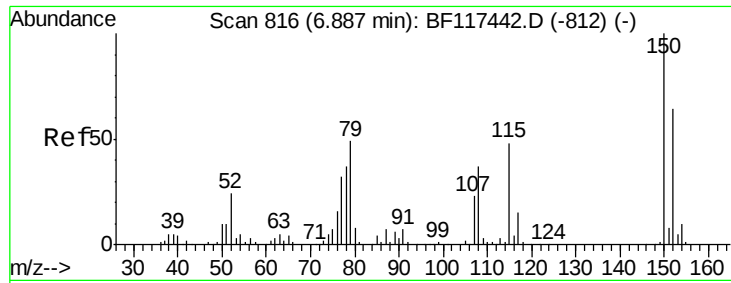
mohammad
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#14
1,2-Dichlorobenzene
Concen: 74.385 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	47.2	37.7	56.5





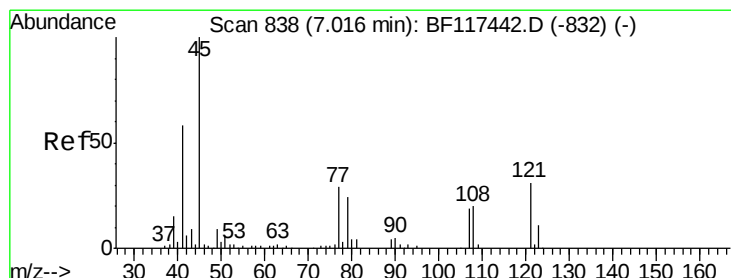
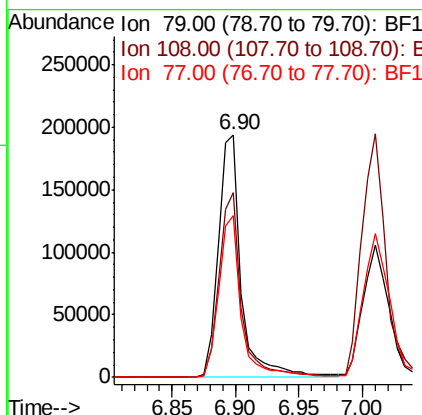
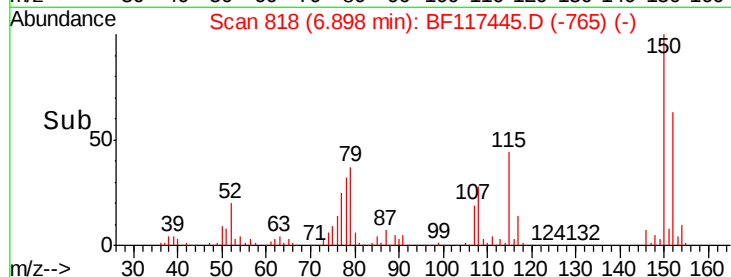
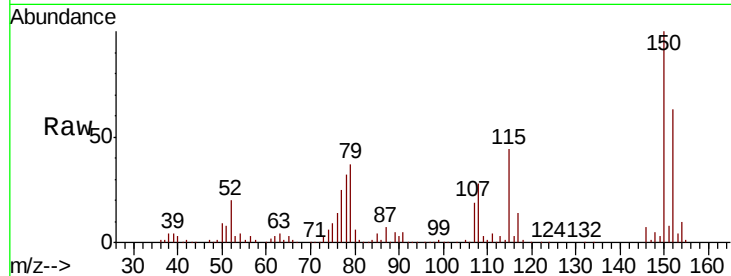
#15
Benzyl Alcohol
Concen: 76.639 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	59.8	89.8
77	66.8	51.4	77.0

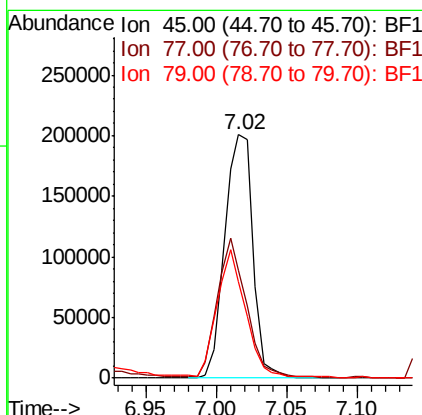
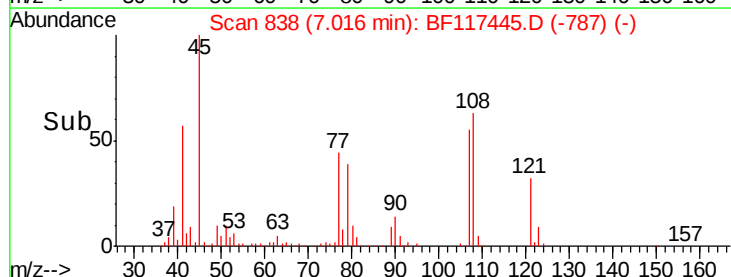
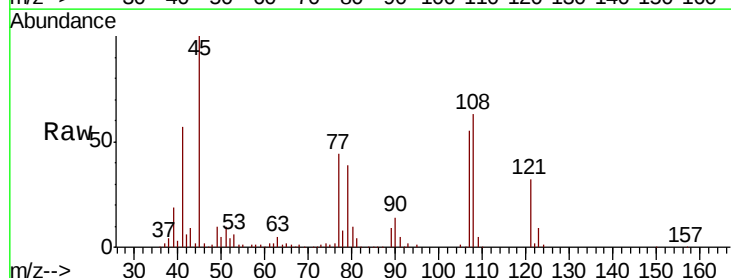
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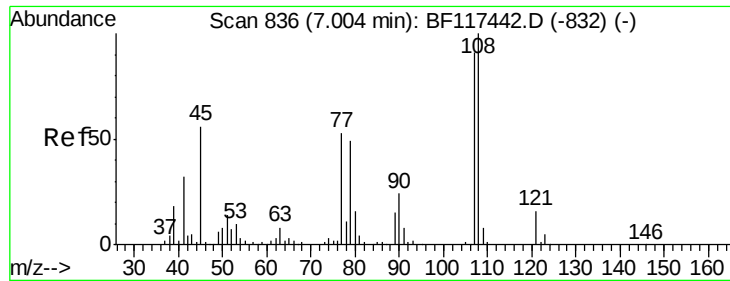
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.136 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	44.2	9.9	49.9
79	39.4	5.5	45.5





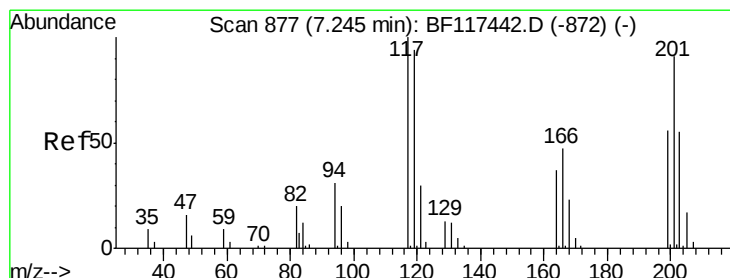
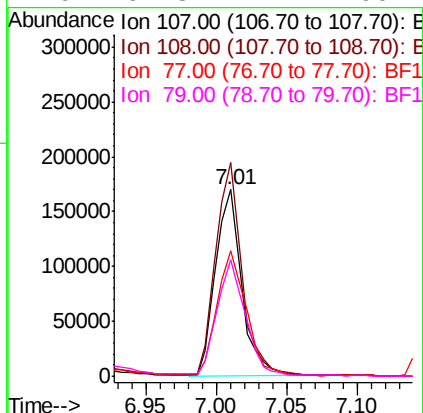
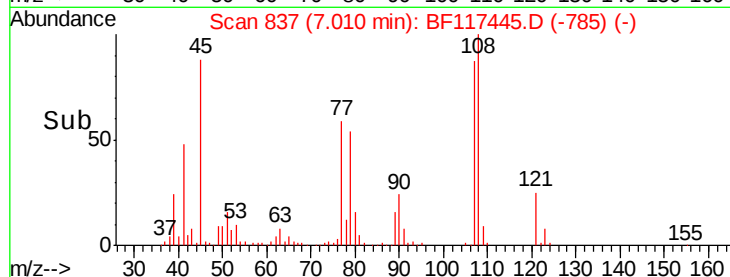
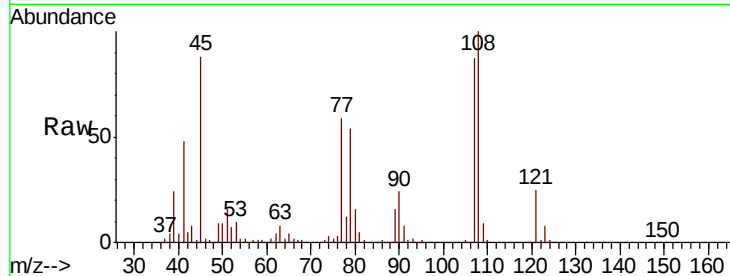
#17
2-Methylphenol
Concen: 75.141 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	107	Resp:	220011
Ion Ratio	Lower	Upper	
107	100		
108	114.4	88.0	132.0
77	67.6	47.2	70.8
79	62.3	44.1	66.1

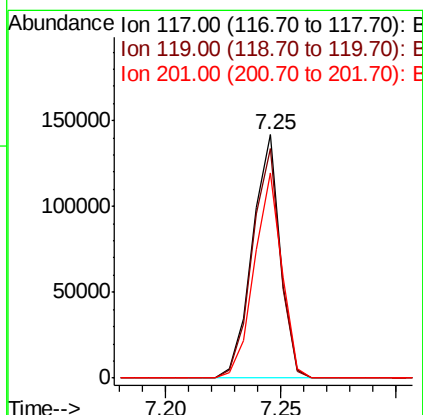
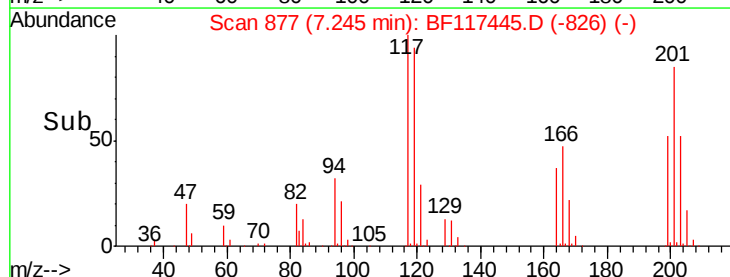
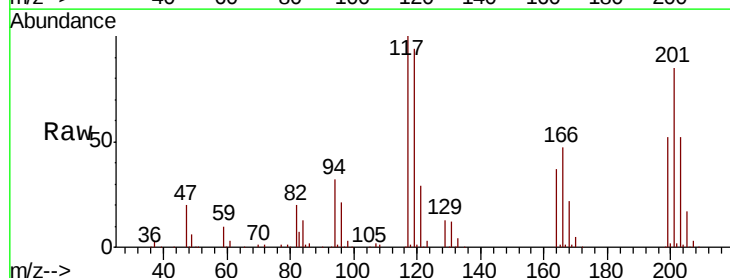
Manual Integrations
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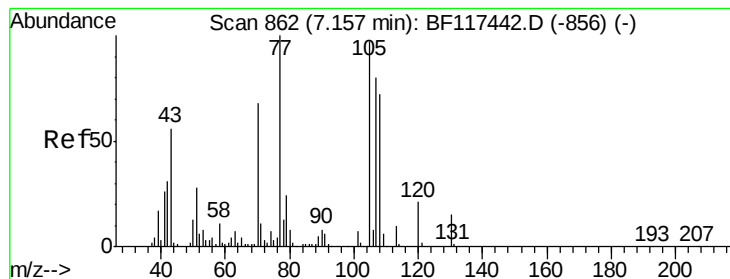
mohammad
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#18
Hexachloroethane
Concen: 77.173 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:	117	Resp:	119965
Ion Ratio	Lower	Upper	
117	100		
119	94.2	75.4	113.0
201	84.5	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 78.222 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 70 Resp: 208760

Ion Ratio Lower Upper

70 100

42 47.8 36.7 55.1

101 9.7 8.3 12.5

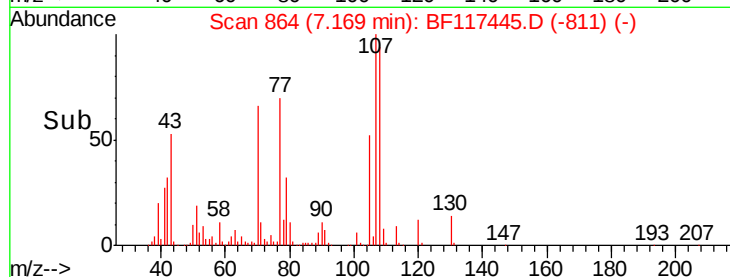
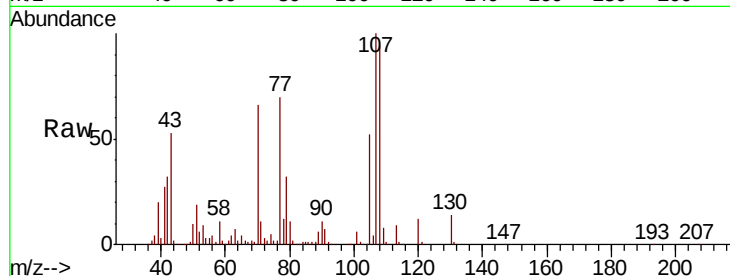
130 20.4 18.1 27.1

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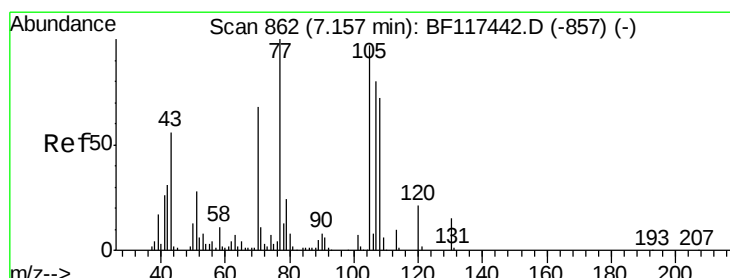
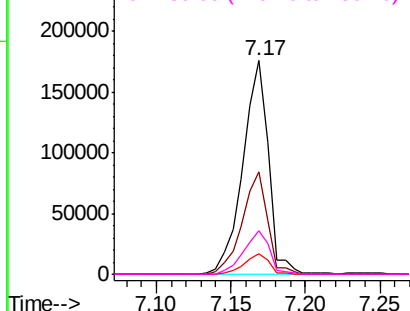
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 75.335 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion: 107 Resp: 284019

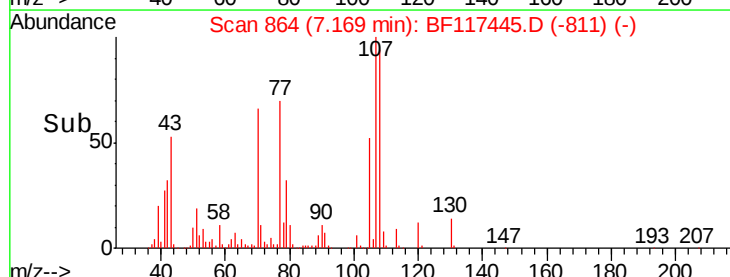
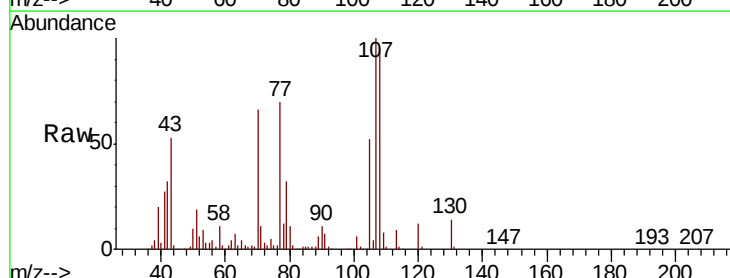
Ion Ratio Lower Upper

107 100

108 94.2 70.3 110.3

77 70.3 104.8 144.8#

79 31.7 10.0 50.0



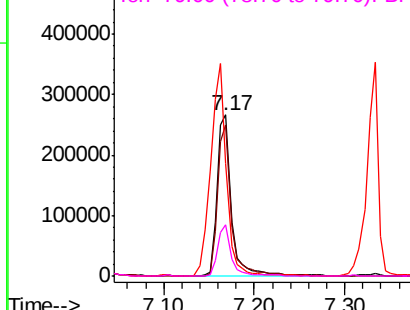
Abundance

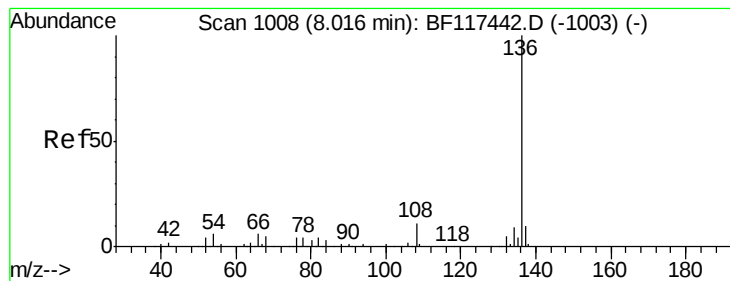
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

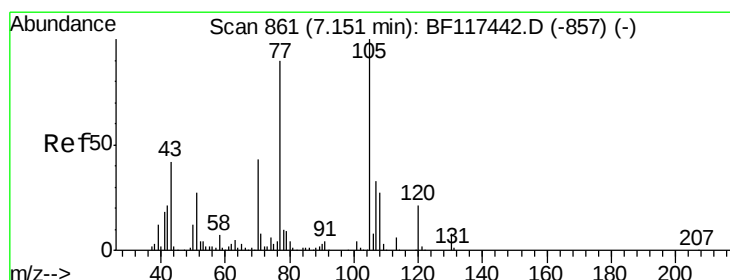
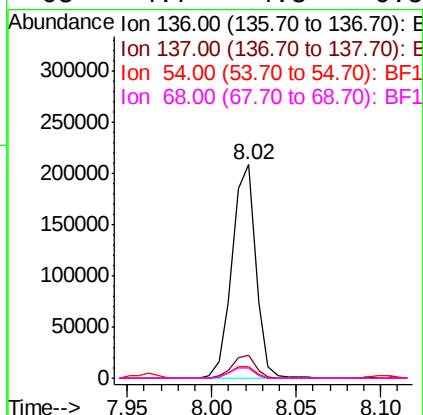
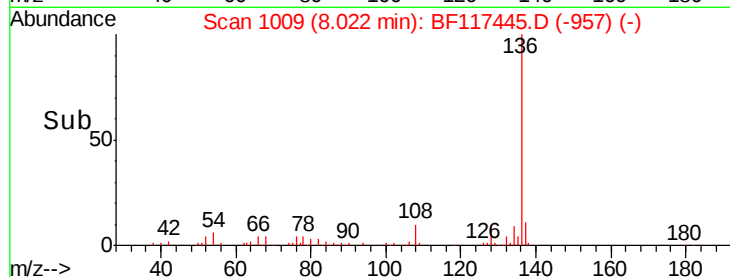
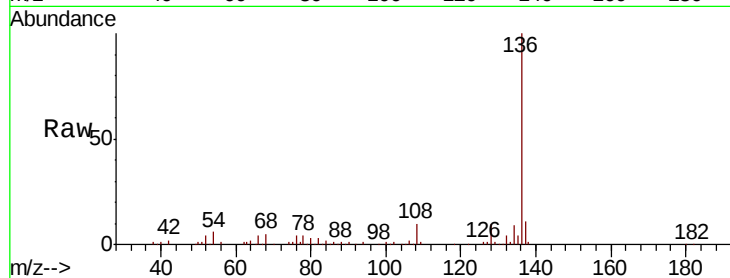
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	203451		
137	10.6	8.2	12.4	
54	5.6	4.5	6.7	
68	4.7	4.3	6.5	

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#22

Acetophenone

Concen: 79.525 ng

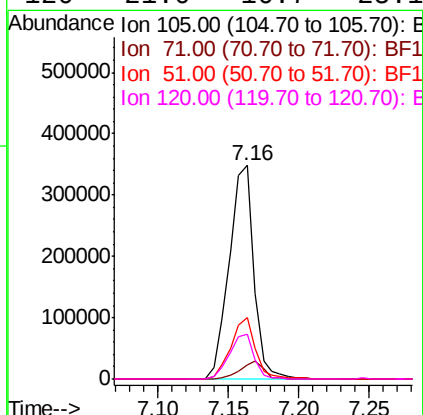
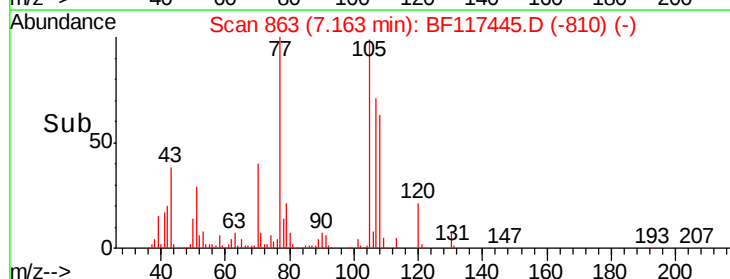
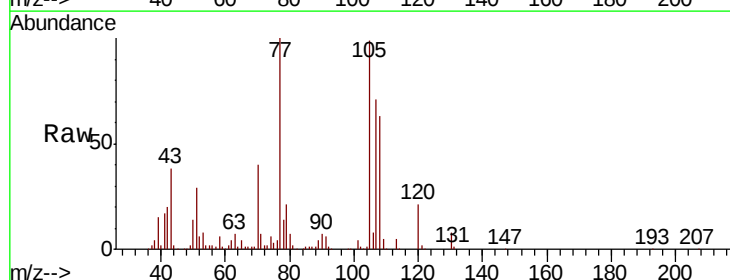
RT: 7.16 min Scan# 863

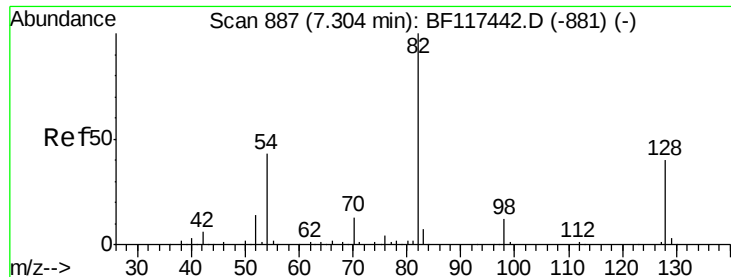
Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424557		
71	6.7	6.2	9.2	
51	28.9	21.8	32.6	
120	21.0	16.7	25.1	





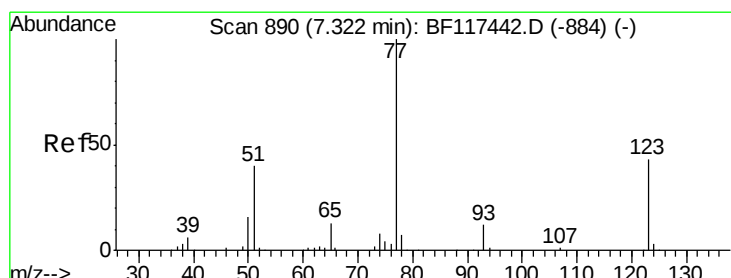
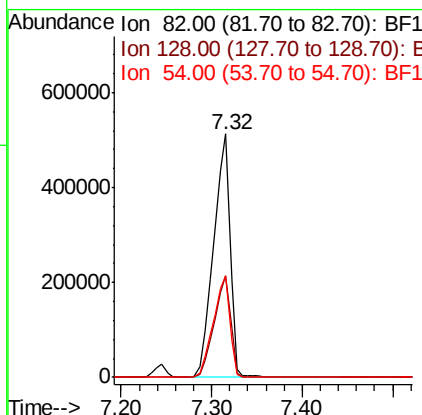
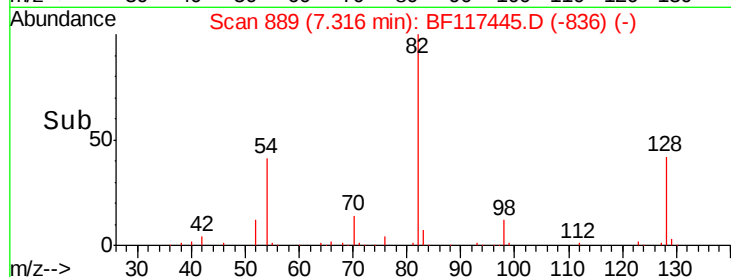
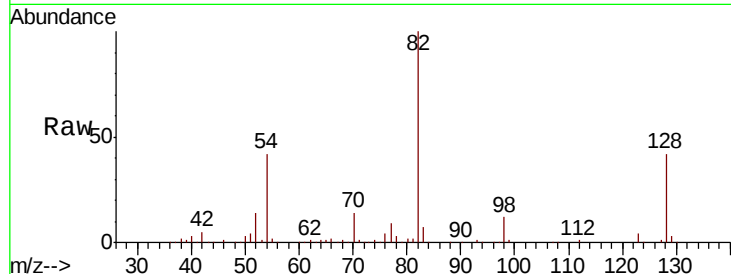
#23
Nitrobenzene-d5
Concen: 162.056 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100	650425		
128	41.8		32.2	48.2
54	41.9		34.2	51.2

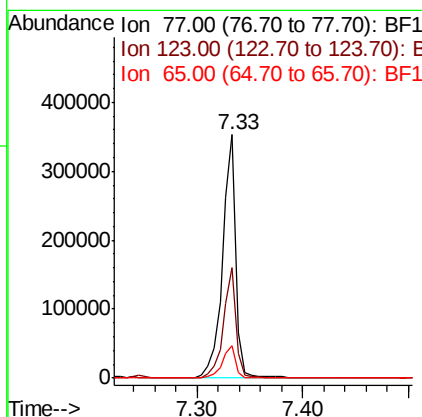
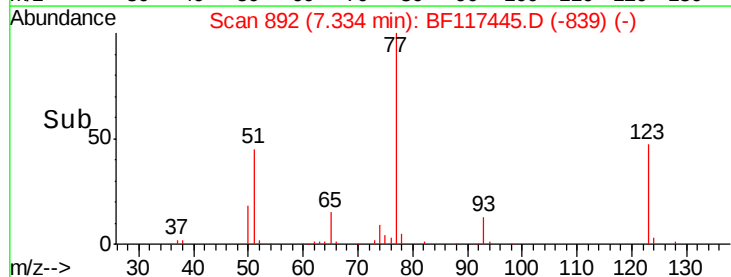
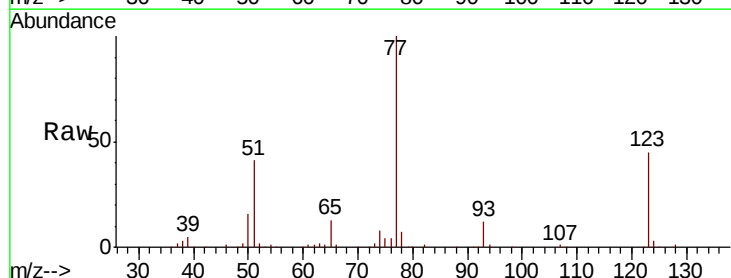
Manual Integrations
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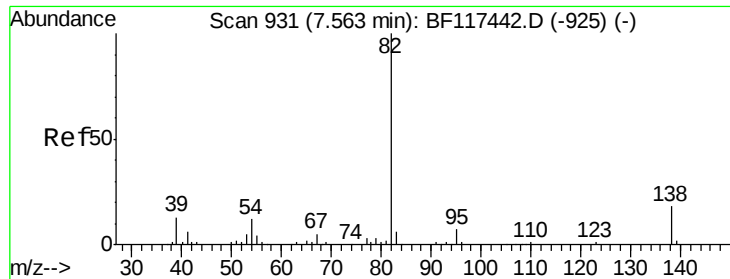
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#24
Nitrobenzene
Concen: 77.199 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	310378		
123	45.2		34.2	51.2
65	13.1		10.3	15.5





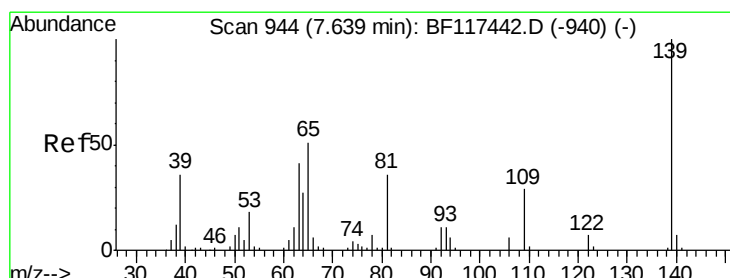
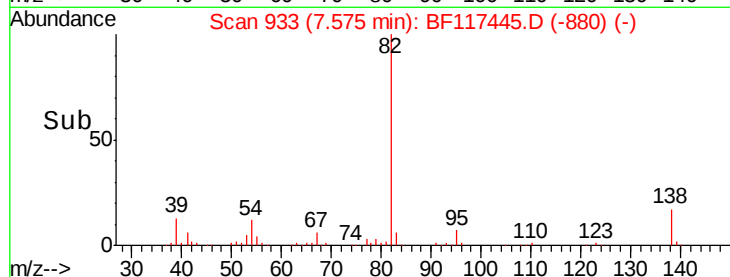
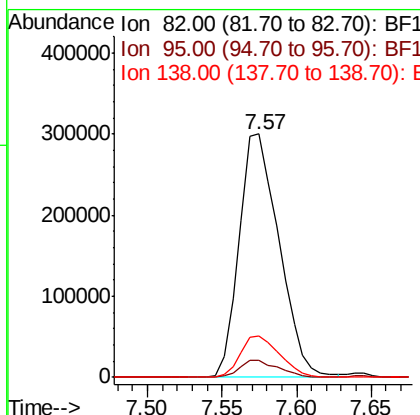
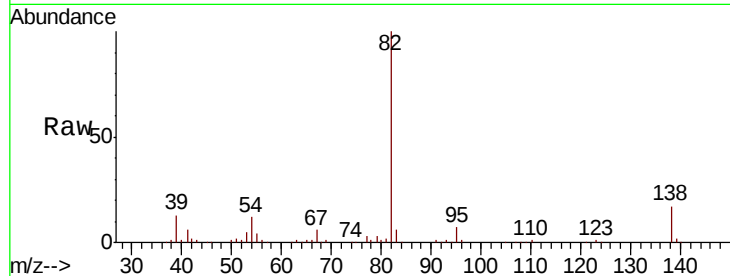
#25
Isophorone
Concen: 77.924 ng
RT: 7.57 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100	557132		
95	6.8		5.4	8.0
138	17.0		14.2	21.2

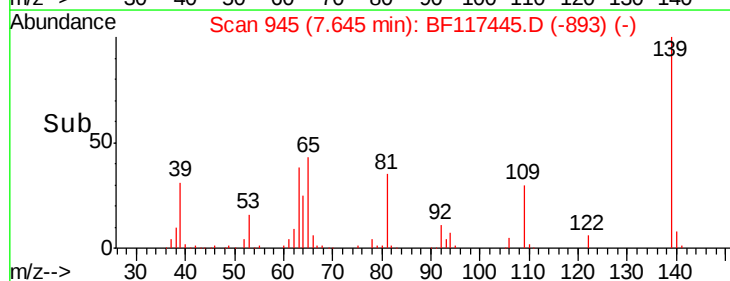
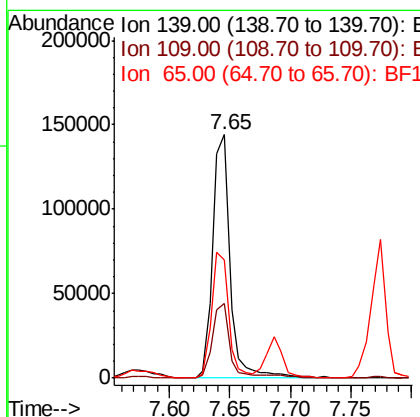
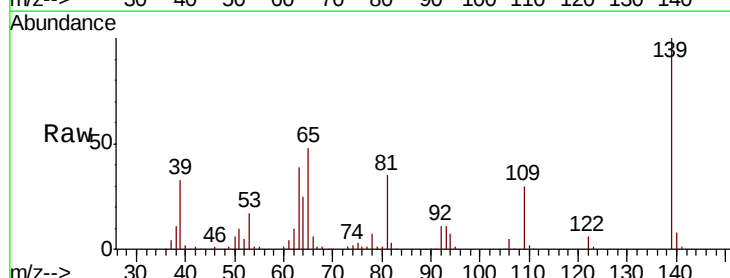
Manual Integrations
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#26
2-Nitrophenol
Concen: 80.329 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	143292		
109	30.4		23.2	34.8
65	48.5		41.1	61.7





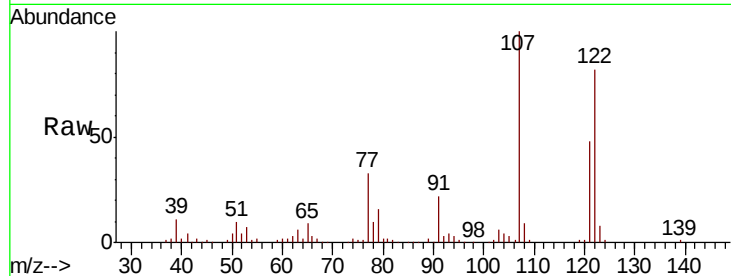
#27
2,4-Dimethylphenol
Concen: 76.150 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
122	100	206448		
107	122.1	96.8	145.2	
121	58.1	46.4	69.6	

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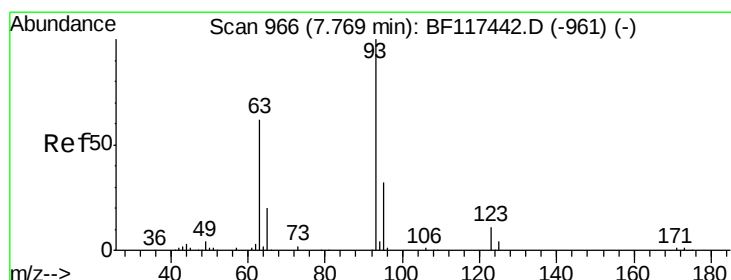
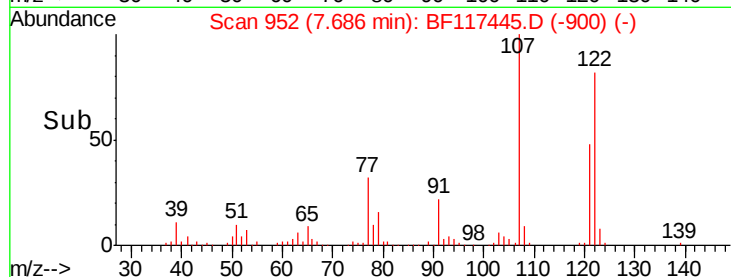
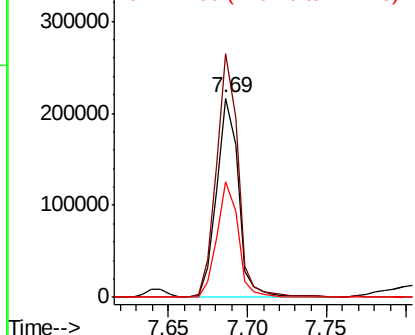


Abundance

Ion 122.00 (121.70 to 122.70): E

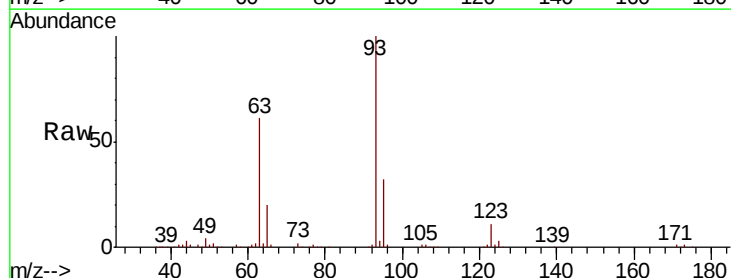
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 77.529 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343630		
95	31.6	25.5	38.3	
123	11.0	9.0	13.6	

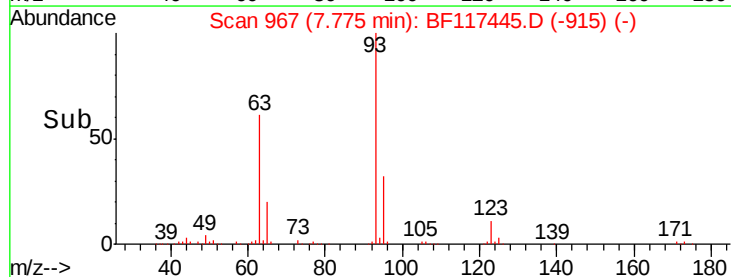
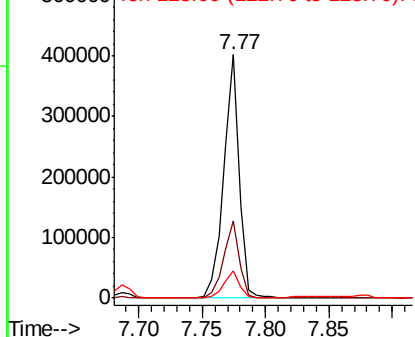


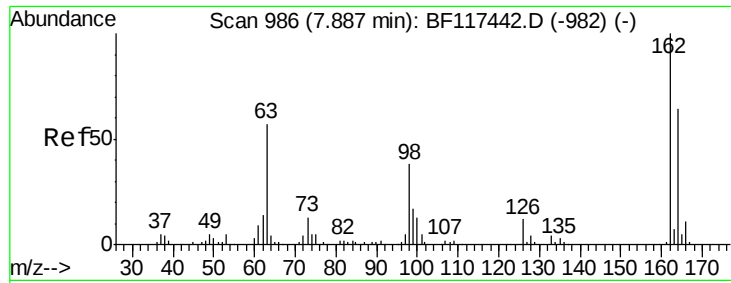
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





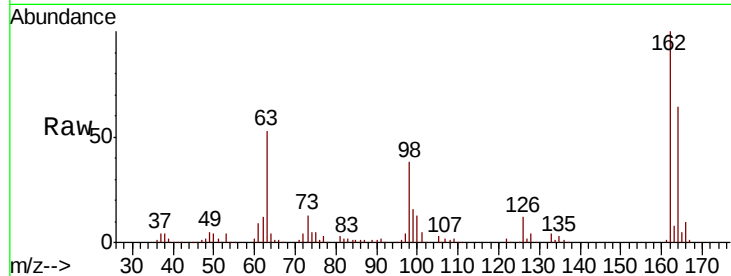
#29
2,4-Dichlorophenol
Concen: 78.582 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

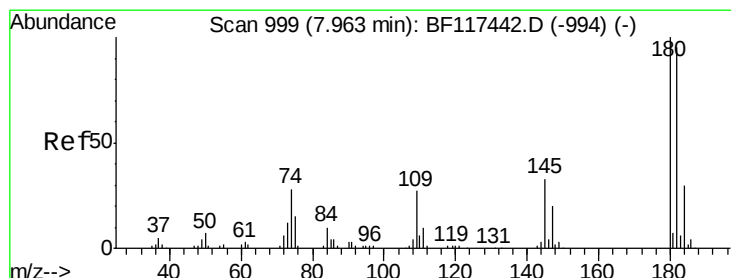
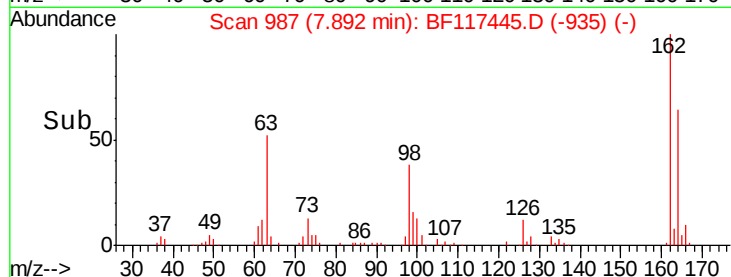
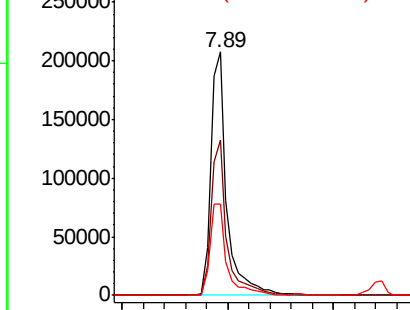
Tot Ion:	162	Resp:	219820
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.4	84.4
98	37.7	18.2	58.2

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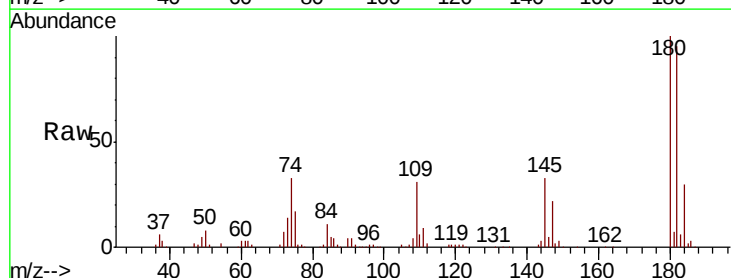


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

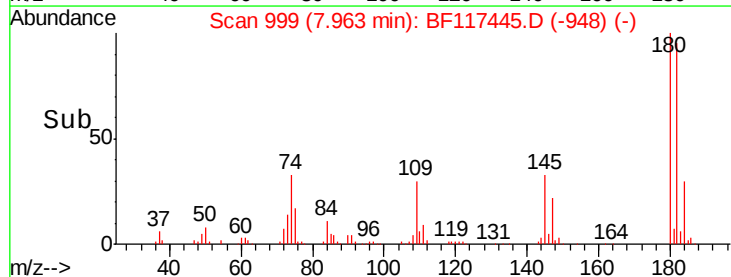
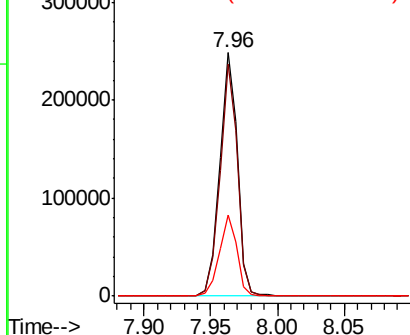


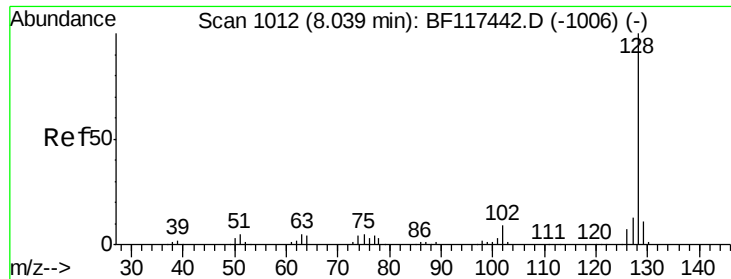
#30
1,2,4-Trichlorobenzene
Concen: 77.464 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion:	180	Resp:	233599
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.8	113.8
145	33.3	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 76.885 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

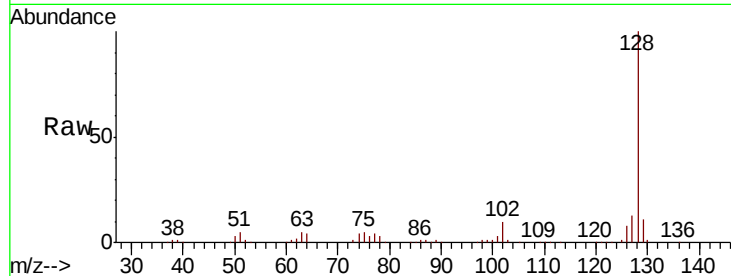
ClientSampleId :

SSTDIC080

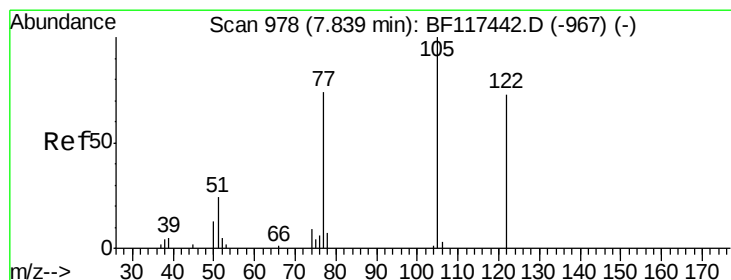
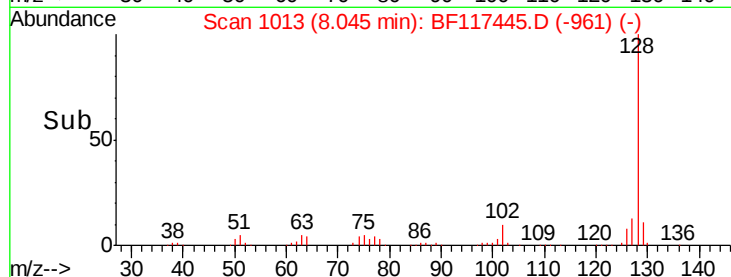
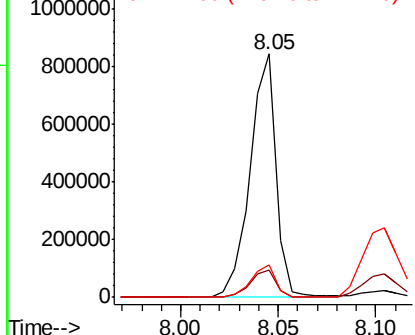
Tot Ion:	128	Resp:	781182
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	13.4	10.2	15.2

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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: 94.112 ng

RT: 7.88 min Scan# 985

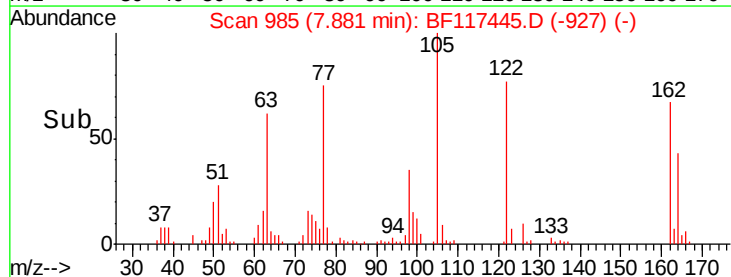
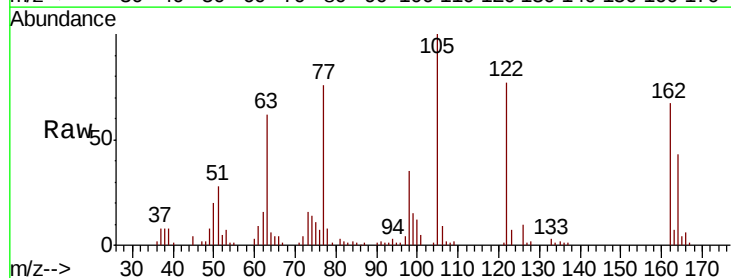
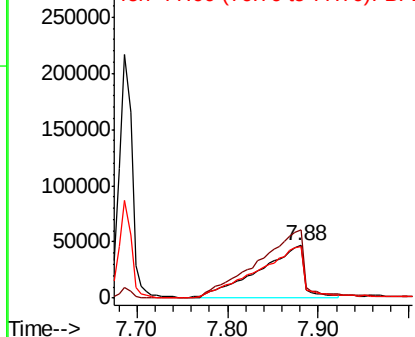
Delta R.T. 0.04 min

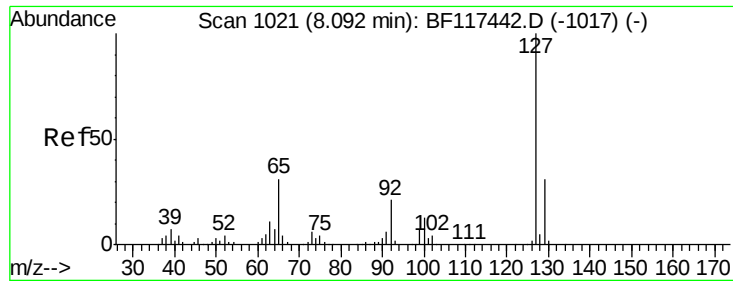
Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:	122	Resp:	158876
Ion Ratio	Lower	Upper	
122	100		
105	129.9	115.0	155.0
77	98.6	79.7	119.7

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





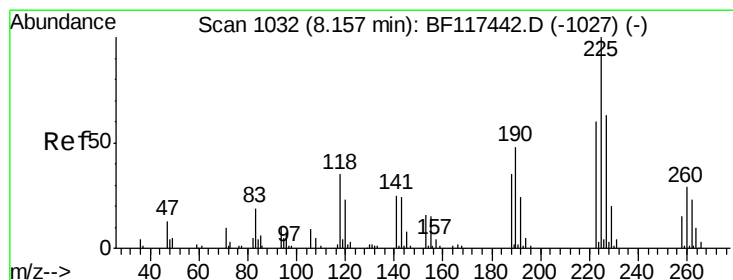
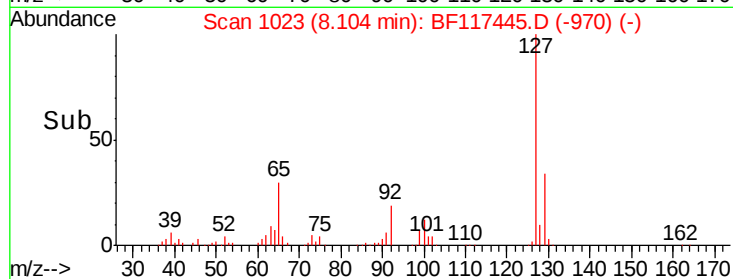
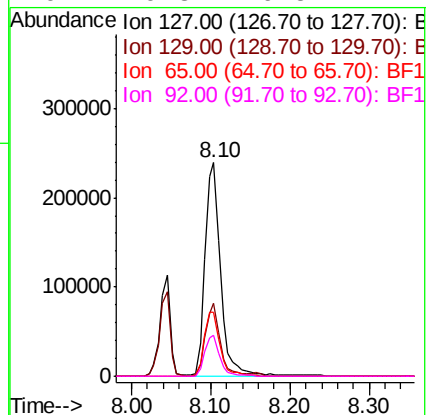
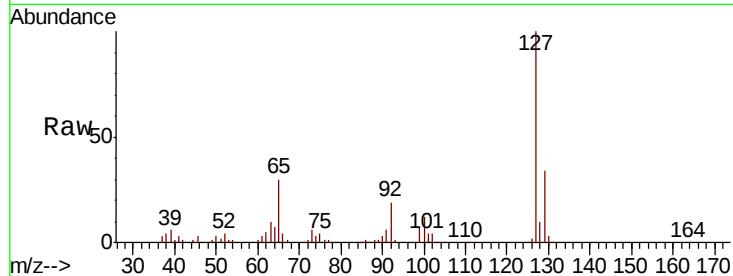
#33
4-Chloroaniline
Concen: 76.793 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		331360		
129	33.9	24.8	37.2		
65	30.3	24.6	37.0		
92	19.3	16.5	24.7		

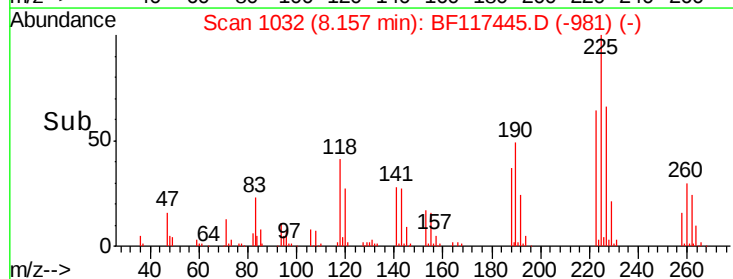
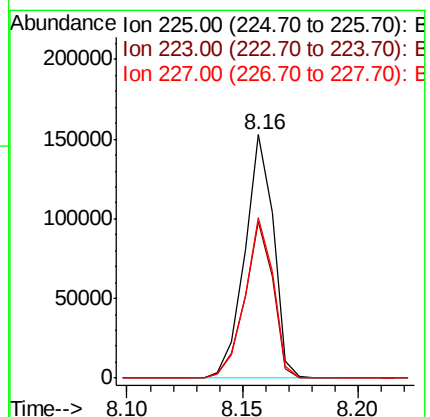
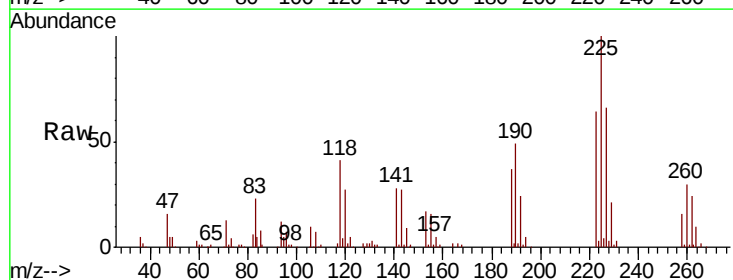
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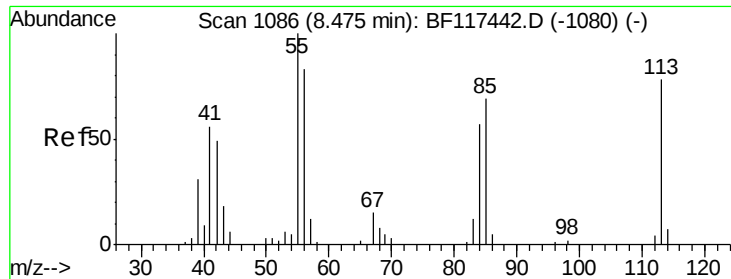
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#34
Hexachlorobutadiene
Concen: 76.800 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		132643		
223	64.3	48.2	72.4		
227	65.8	50.2	75.4		





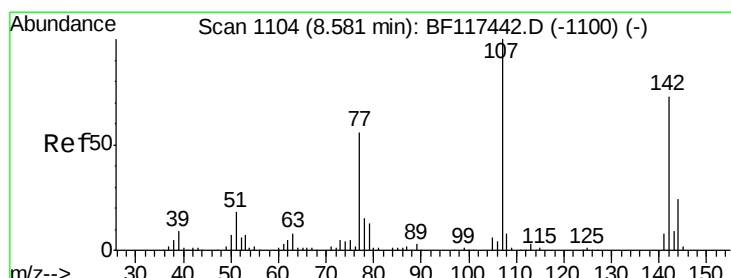
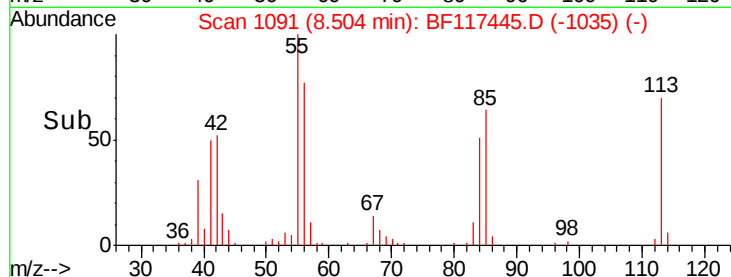
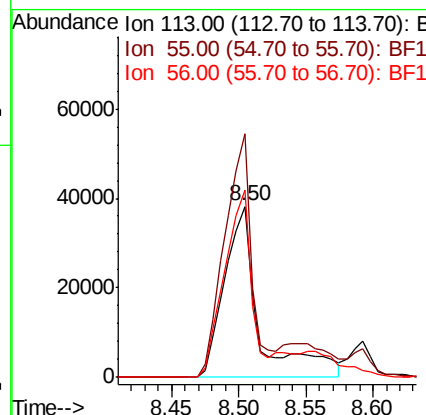
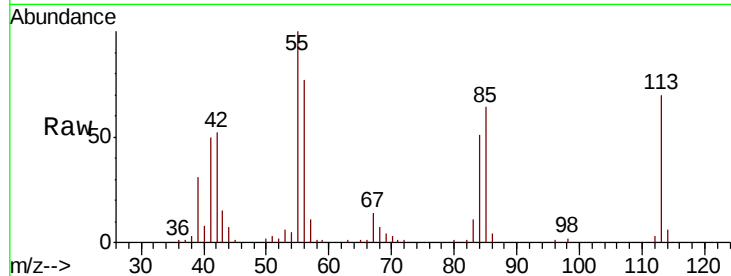
#35
Caprolactam
Concen: 78.569 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. 0.03 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.3	108.8	148.8
56	109.2	87.2	127.2

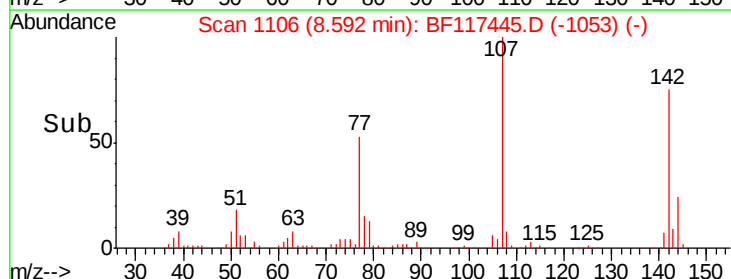
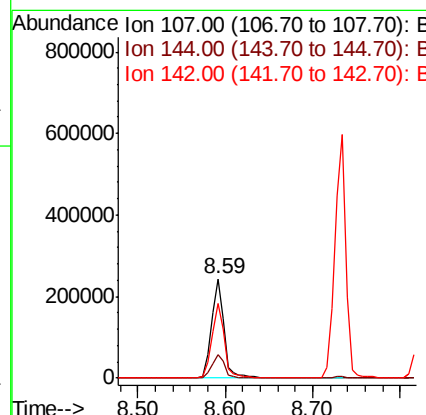
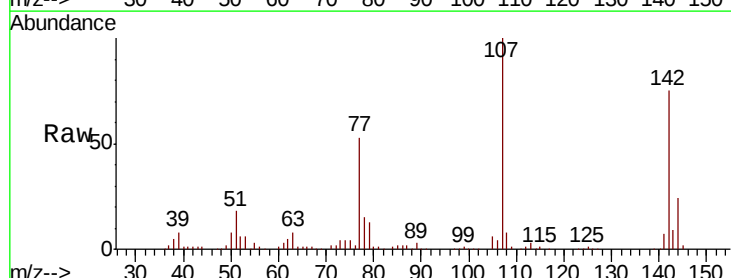
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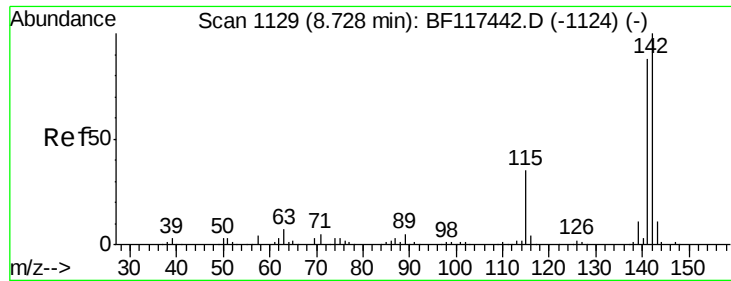
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#36
4-Chloro-3-methylphenol
Concen: 76.263 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.9	28.3
142	74.7	58.6	88.0





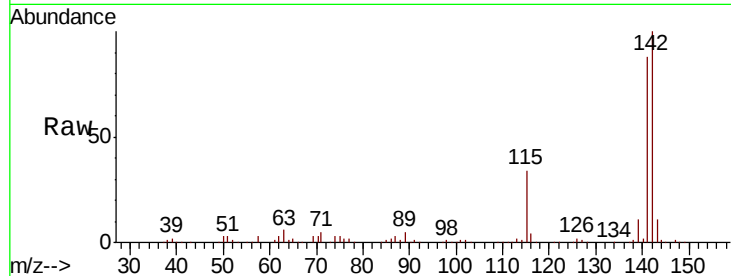
#37
2-Methylnaphthalene
Concen: 76.289 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	34.4	28.2	42.2

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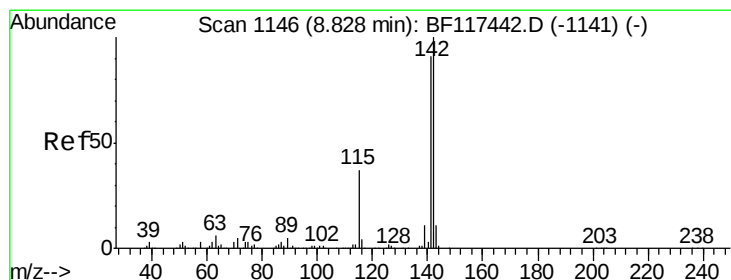
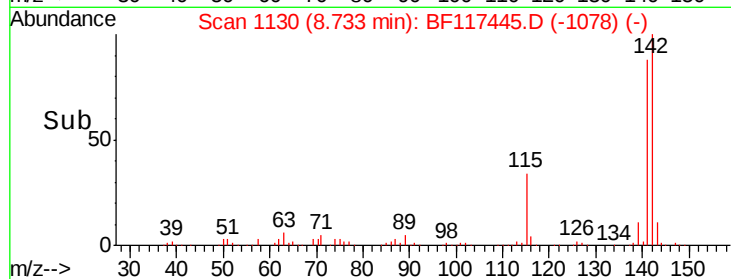
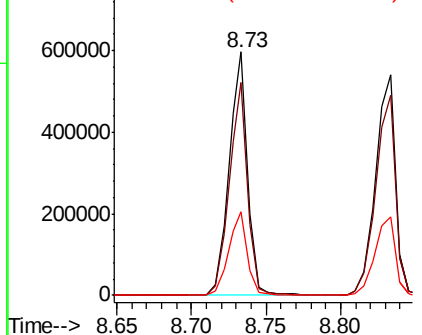


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 76.134 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

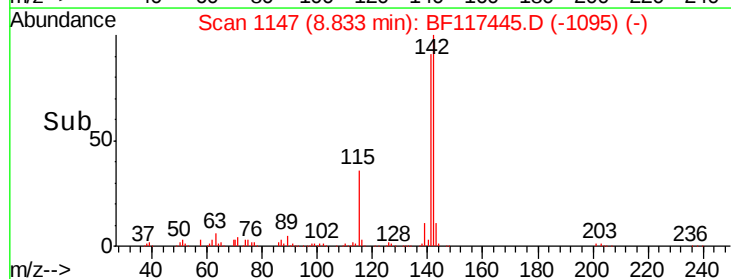
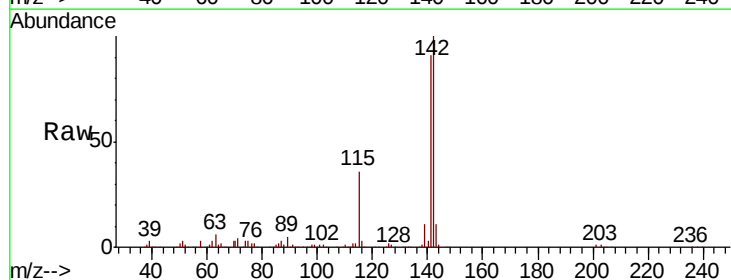
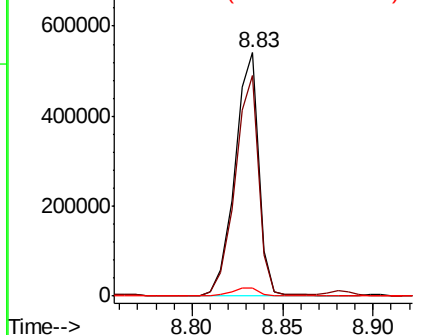
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.3	109.9
116	3.4	3.1	4.7

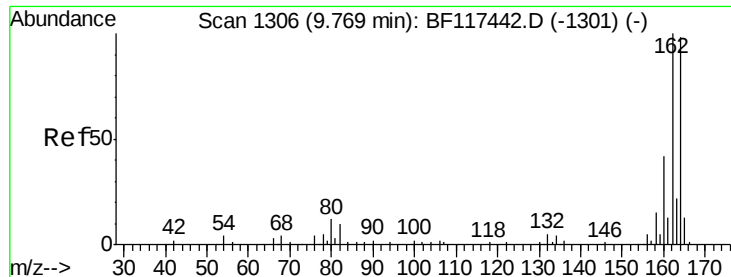
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





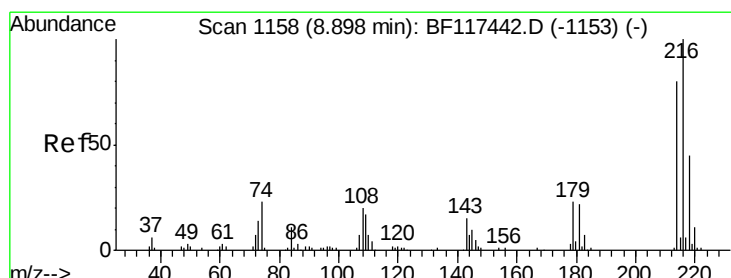
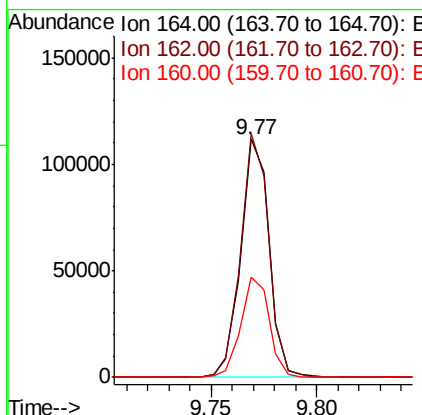
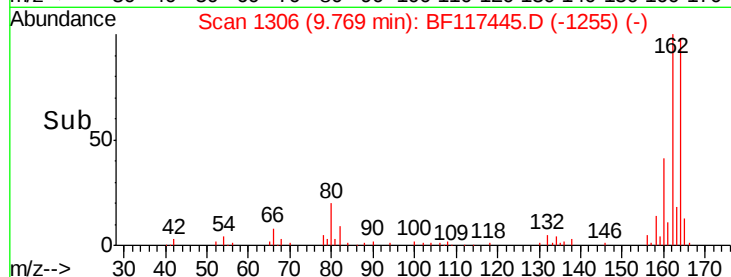
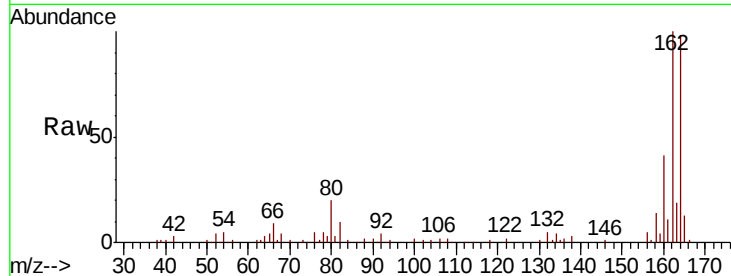
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	42.0	34.4	51.6

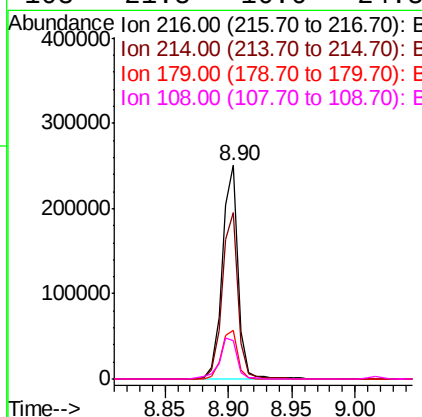
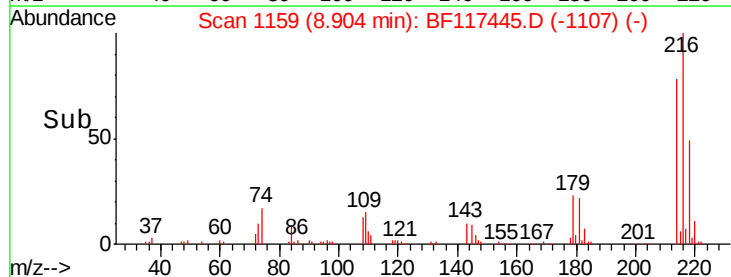
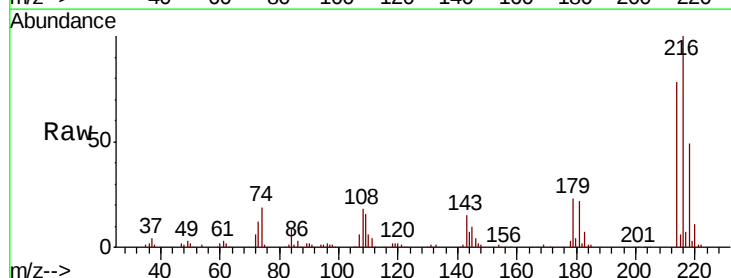
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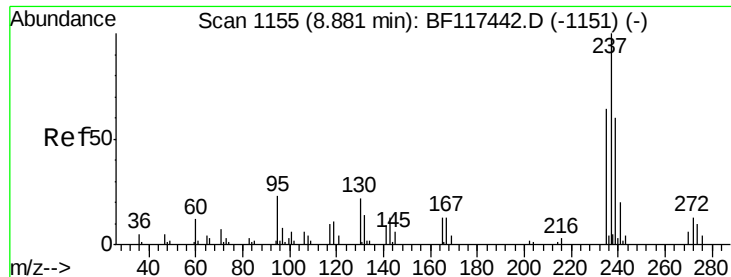
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.939 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.4	93.6
179	23.6	18.1	27.1
108	21.8	16.6	24.8





#41

Hexachlorocyclopentadiene

Concen: 118.891 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

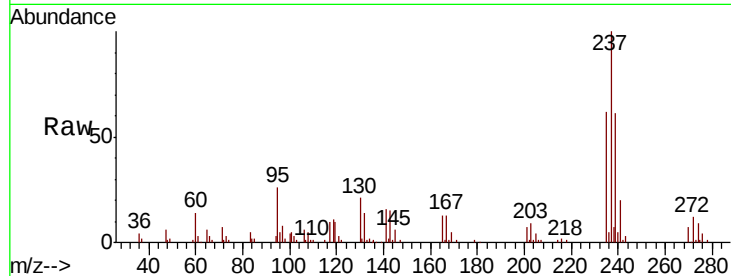
ClientSampleId :

SSTDICC080

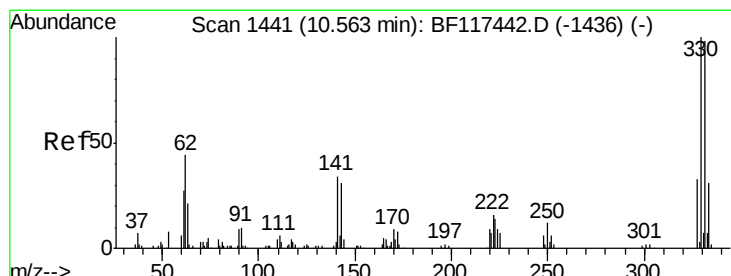
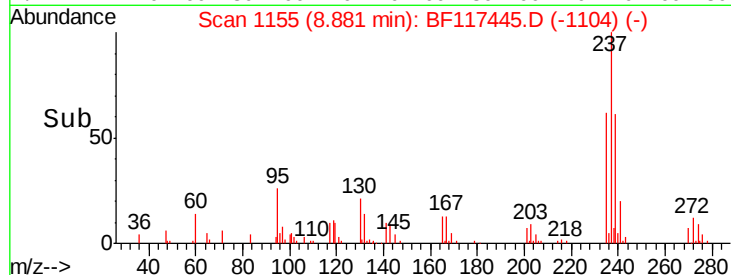
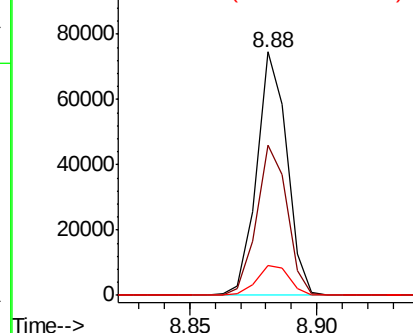
Tot Ion:	237	Resp:	62133
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.3	84.3
272	12.0	0.0	33.2

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 163.674 ng

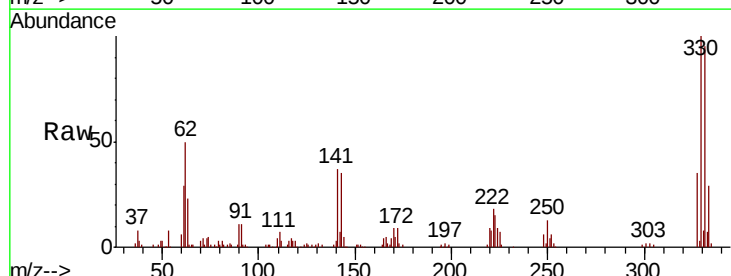
RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

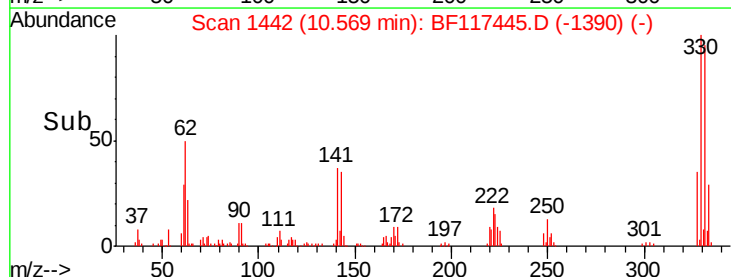
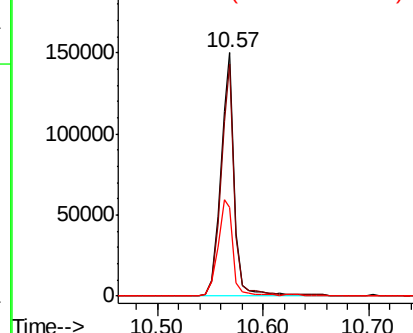
Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion:	330	Resp:	138520
Ion Ratio	Lower	Upper	
330	100		
332	94.5	78.5	117.7
141	43.7	37.0	55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





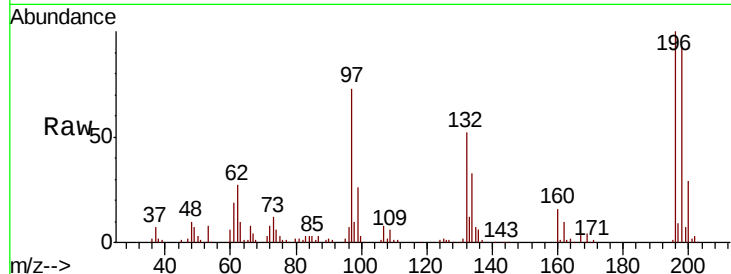
#43
 2,4,6-Trichlorophenol
 Concen: 76.865 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

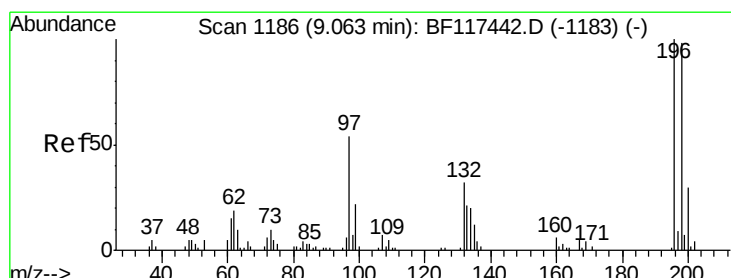
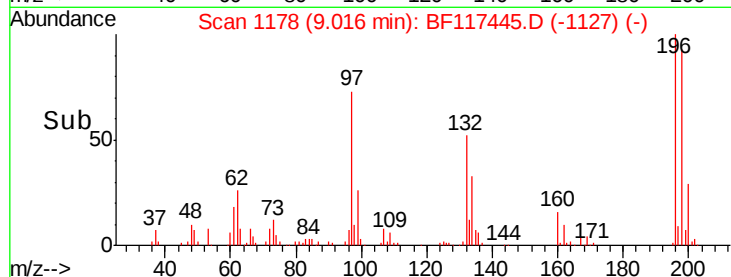
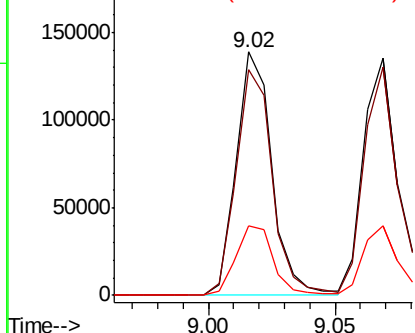
Tot Ion:	196	Resp:	136137
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.1	111.1
200	28.8	23.9	35.9

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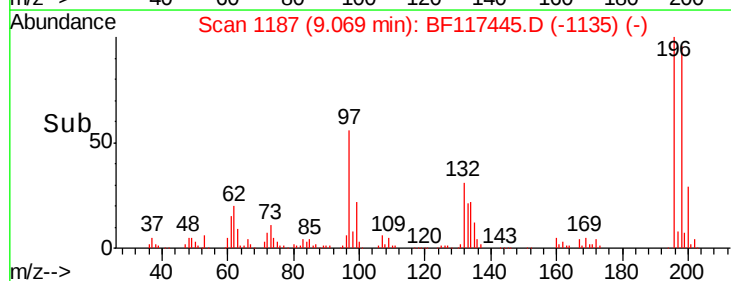
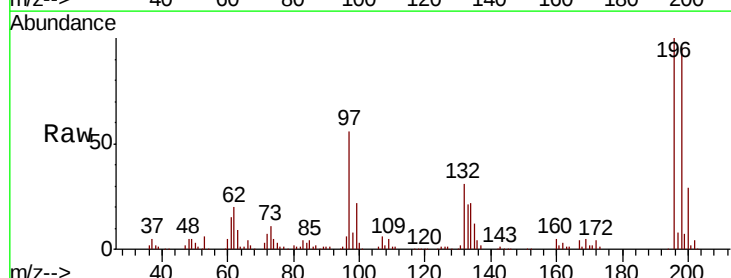
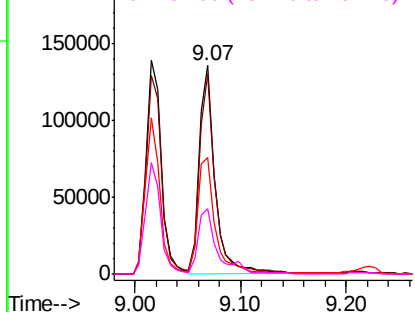
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

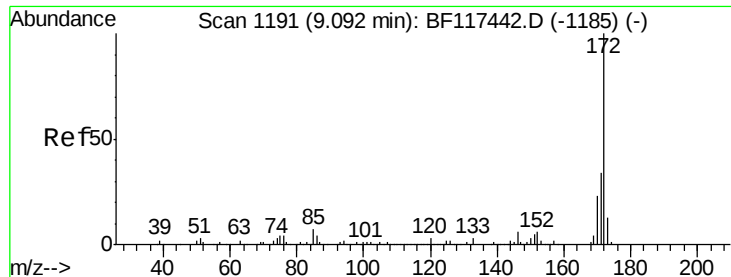


#44
 2,4,5-Trichlorophenol
 Concen: 76.920 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion:	196	Resp:	138963
Ion Ratio	Lower	Upper	
196	100		
198	96.2	78.6	117.8
97	55.9	43.4	65.2
132	31.2	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





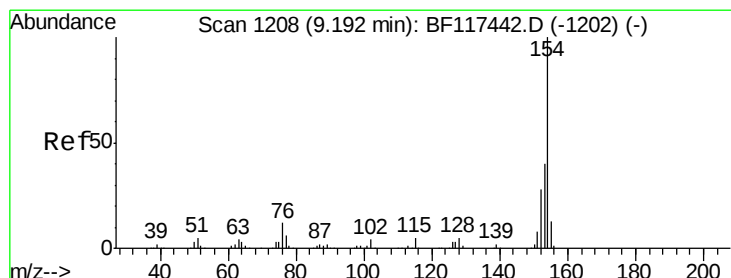
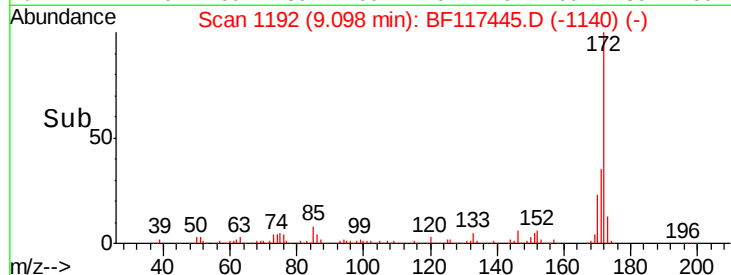
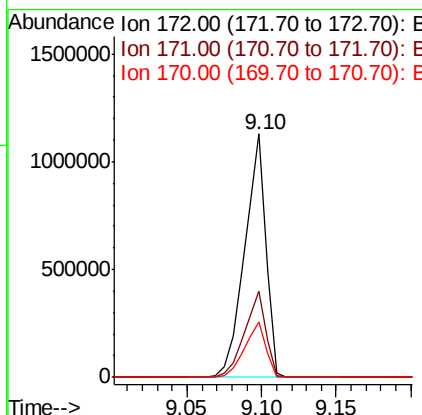
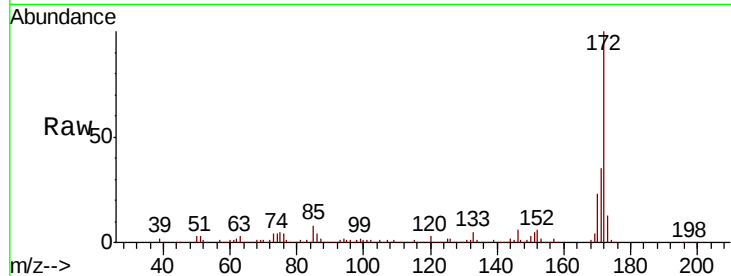
#45
2-Fluorobiphenyl
Concen: 155.884 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.5	41.3
170	22.8	18.6	27.8

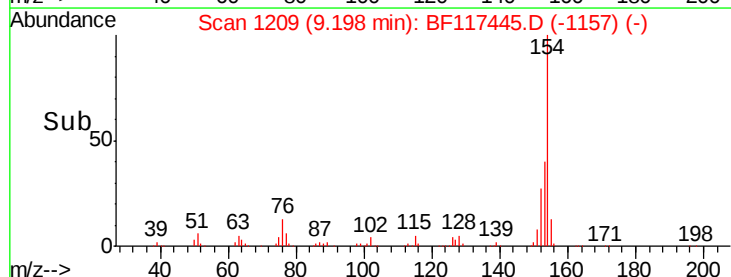
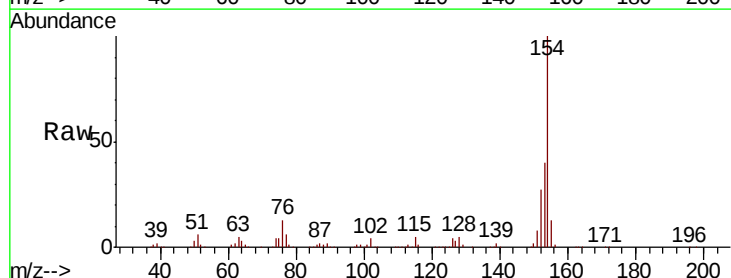
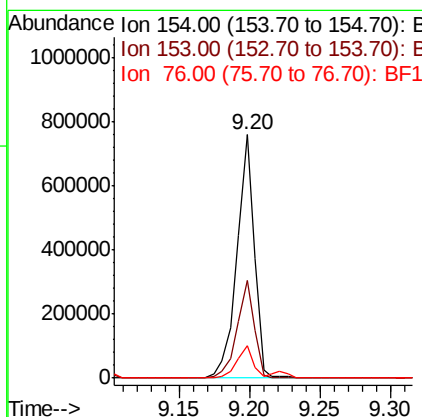
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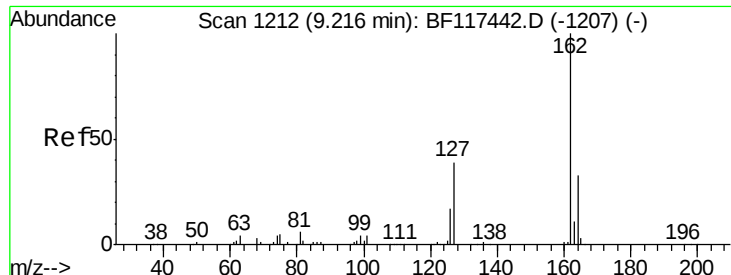
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#46
1,1'-Biphenyl
Concen: 76.788 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	13.5	0.0	32.1





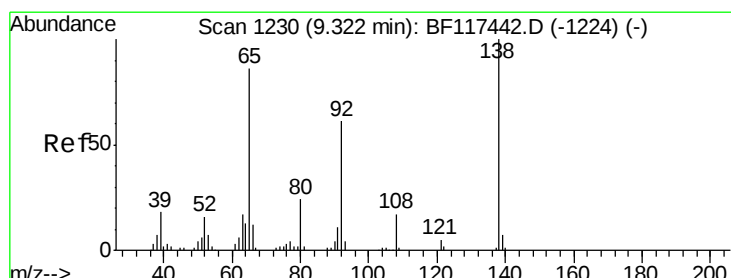
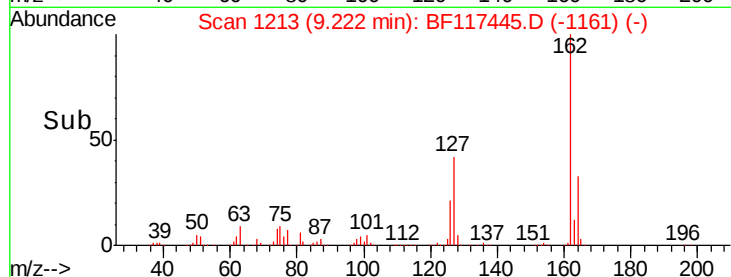
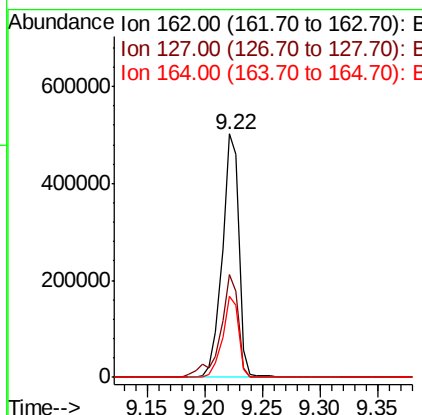
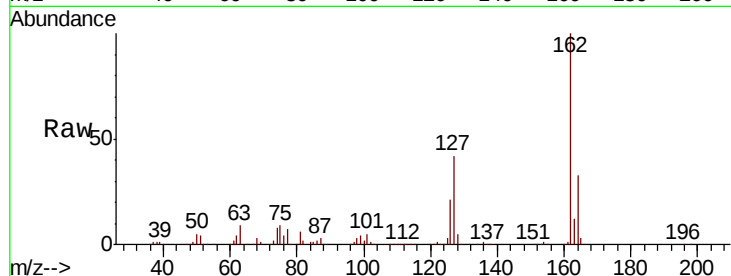
#47
2-Chloronaphthalene
Concen: 75.713 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501392		
127	42.3		34.2	51.4
164	33.4		26.4	39.6

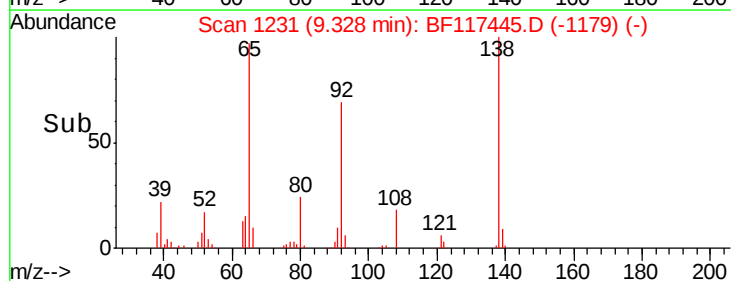
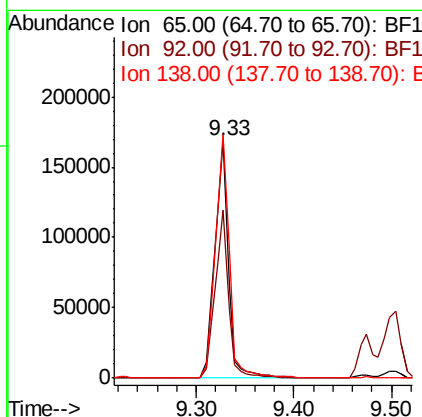
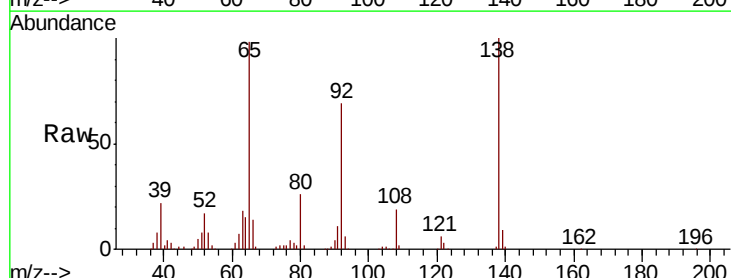
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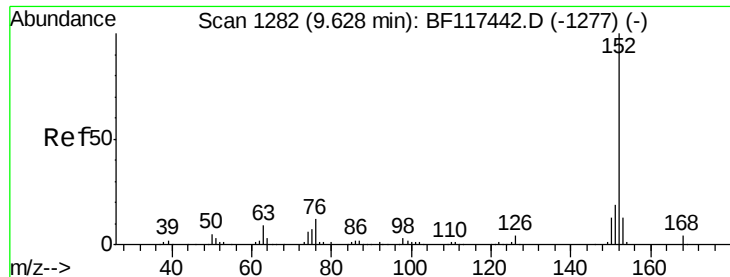
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#48
2-Nitroaniline
Concen: 77.706 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164186		
92	70.6		57.3	85.9
138	102.5		93.3	139.9





#49

Acenaphthylene

Concen: 75.402 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

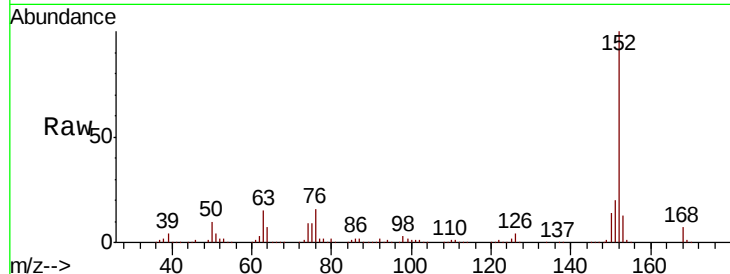
ClientSampleId :

SSTDICC080

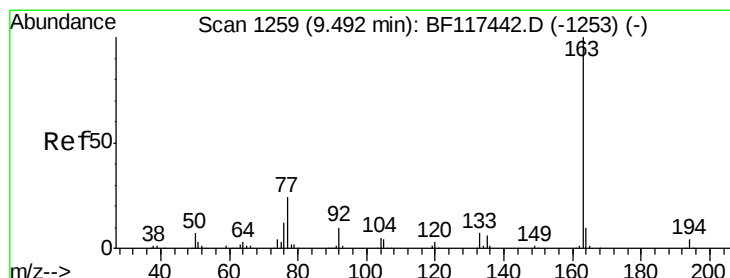
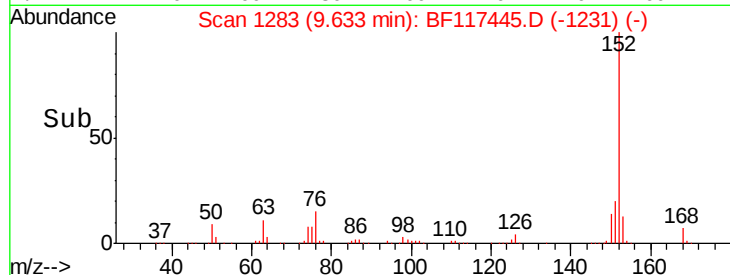
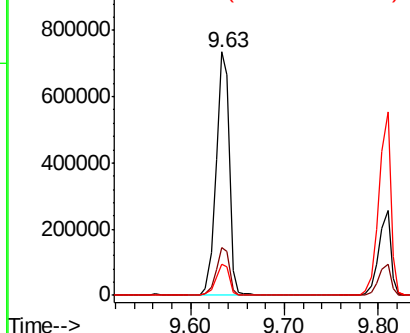
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0
153	12.9	10.3	15.5

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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: 76.211 ng

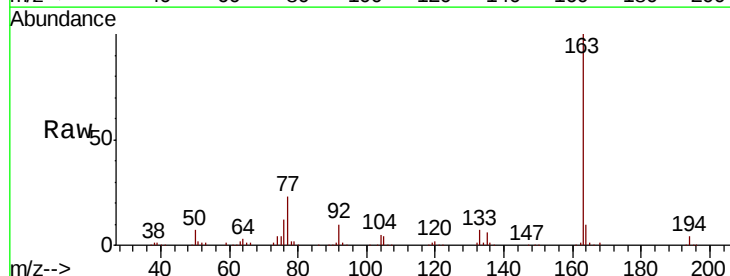
RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

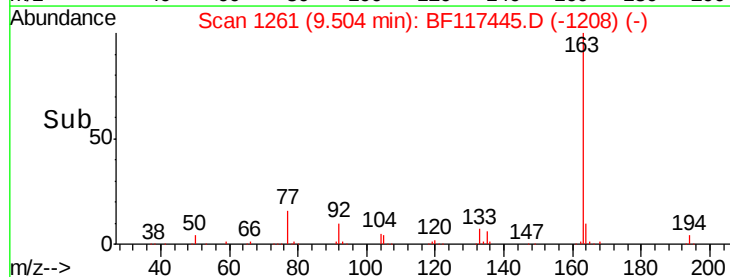
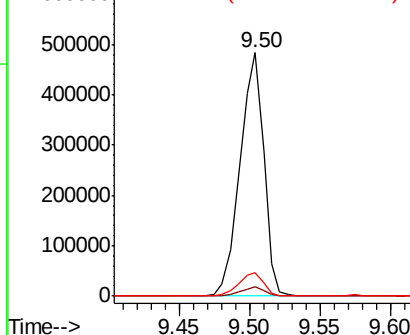
Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.8	8.2	12.2



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





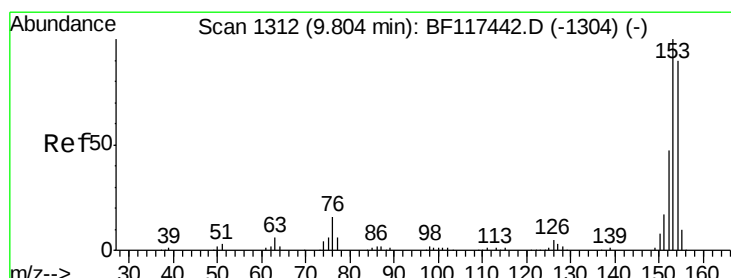
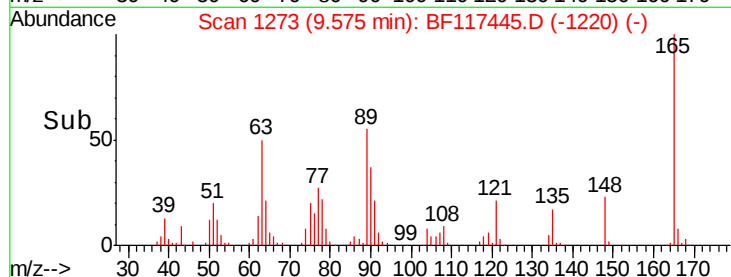
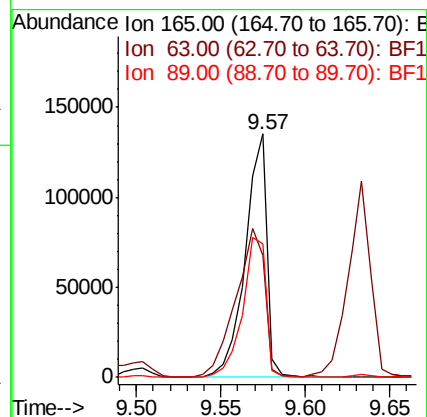
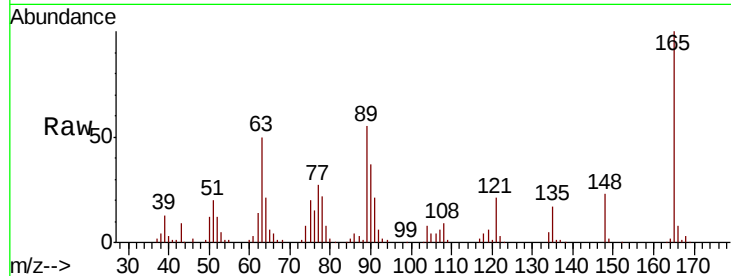
#51
2,6-Dinitrotoluene
Concen: 76.891 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120698		
63	50.3	43.8	65.8	
89	55.1	47.6	71.4	

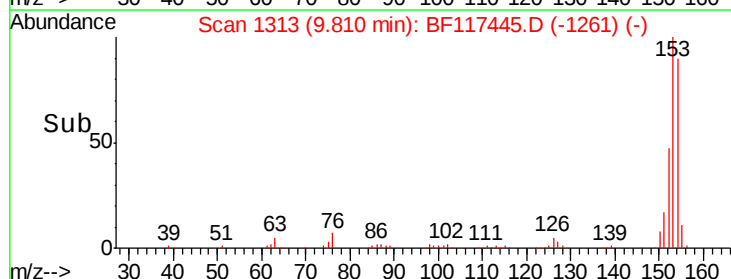
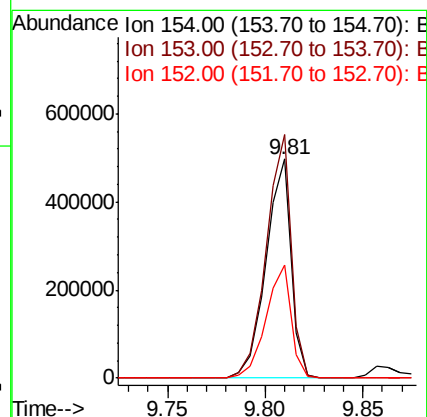
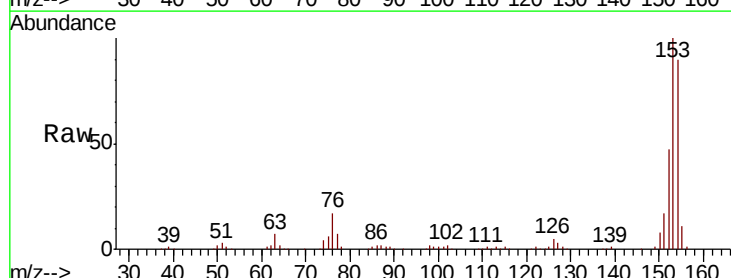
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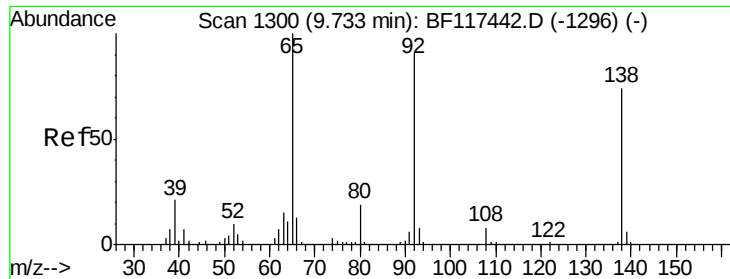
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#52
Acenaphthene
Concen: 75.201 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	443613		
153	111.3	89.2	133.8	
152	51.9	41.8	62.6	





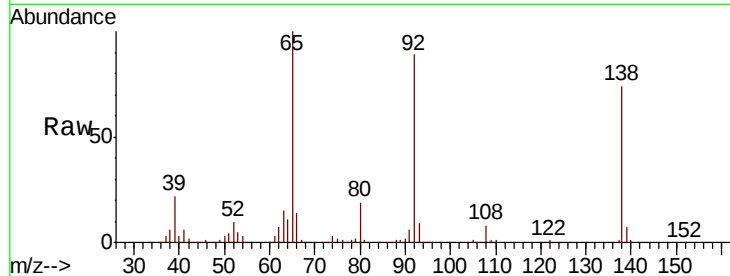
#53
3-Nitroaniline
Concen: 74.645 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

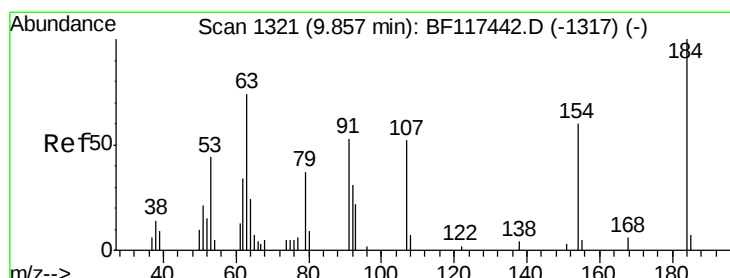
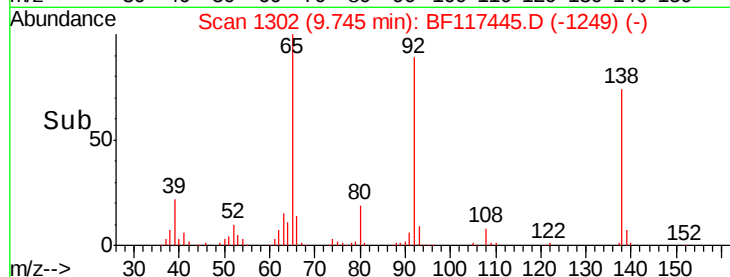
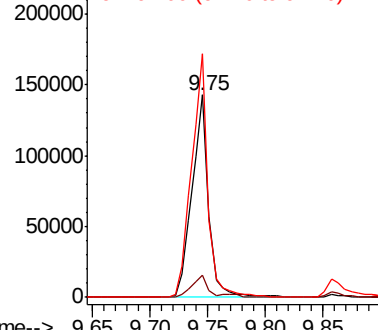
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	120.3	98.4	147.6

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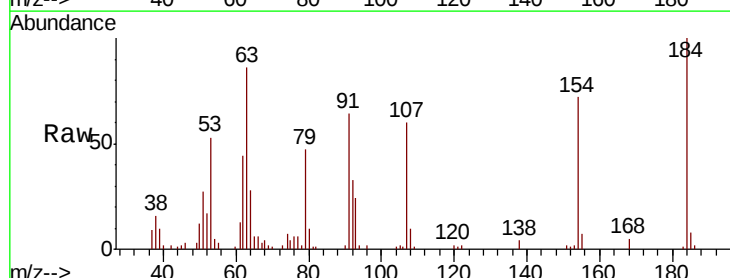


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

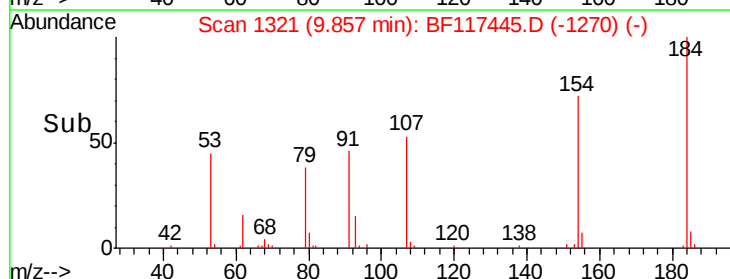
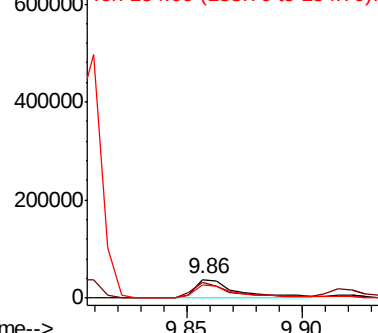


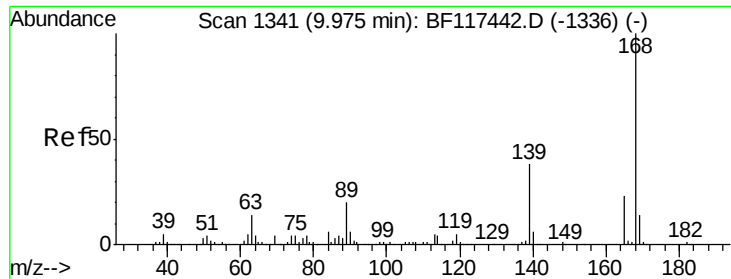
#54
2,4-Dinitrophenol
Concen: 81.649 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.6	59.2	88.8
154	72.5	53.4	80.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





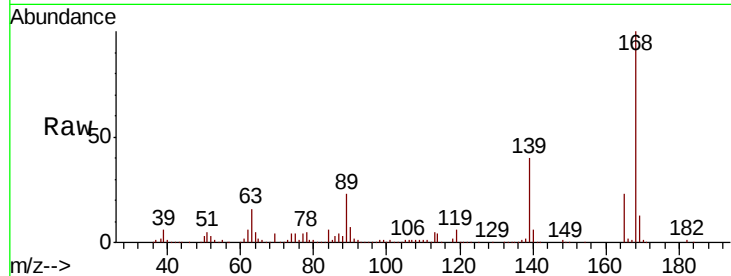
#55
Dibenzofuran
Concen: 74.193 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.8	47.6
169	13.2	11.2	16.8

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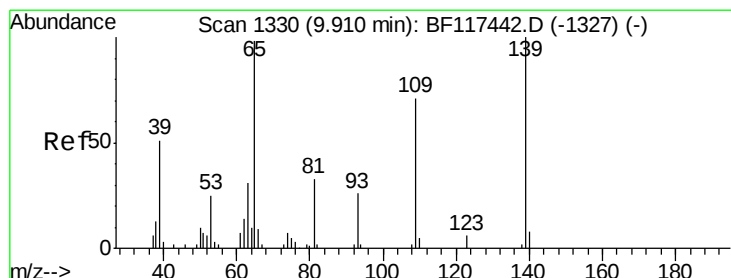
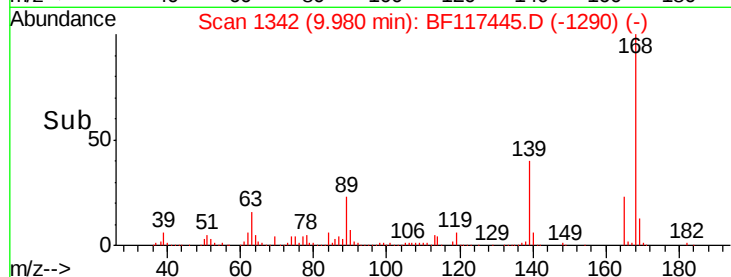
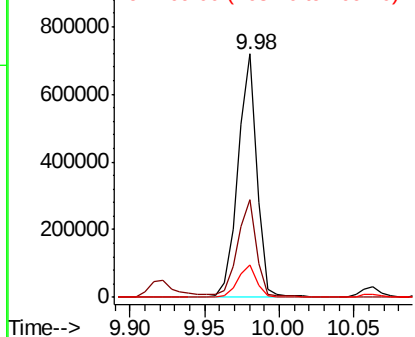


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.209 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

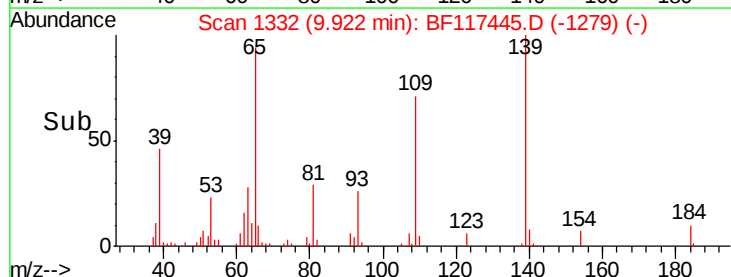
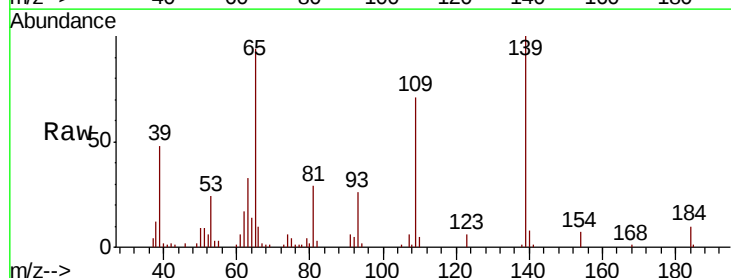
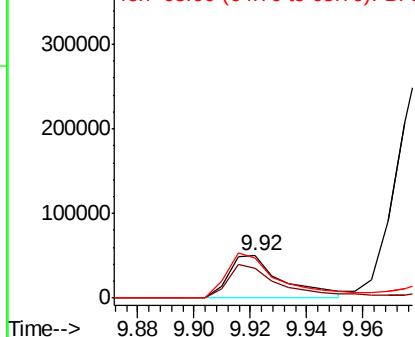
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.6	51.4	91.4
65	93.5	79.4	119.4

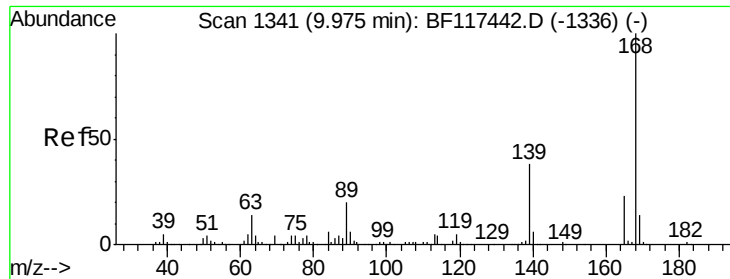
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





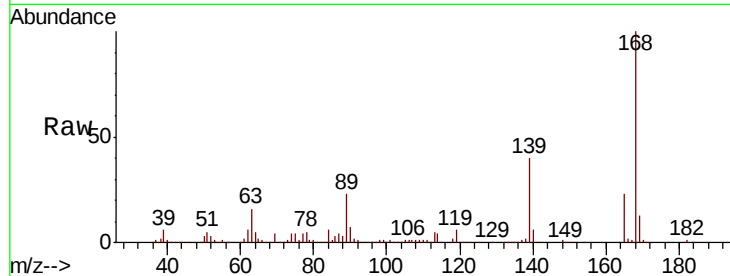
#57
2,4-Dinitrotoluene
Concen: 75.535 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156451		
63	69.5	51.4	77.0	
89	96.0	69.9	104.9	
182	2.4	1.9	2.9	

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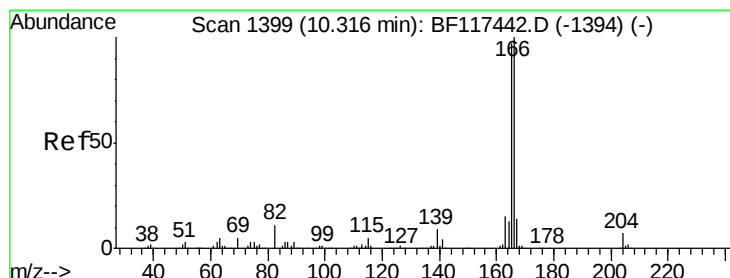
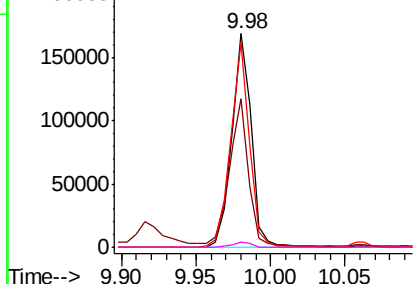
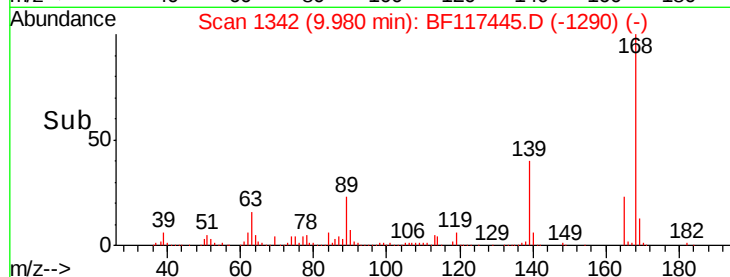
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

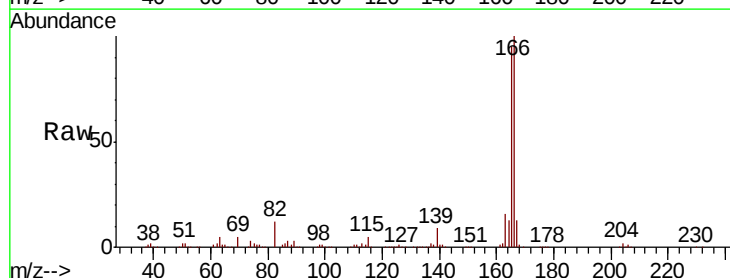
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 73.862 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	529225		
165	94.8	77.6	116.4	
167	13.0	11.0	16.4	

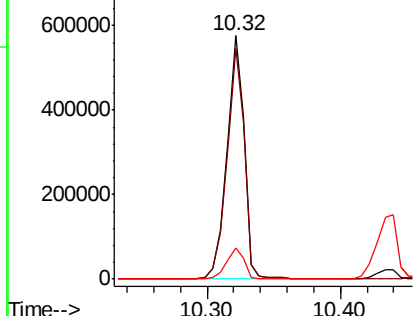
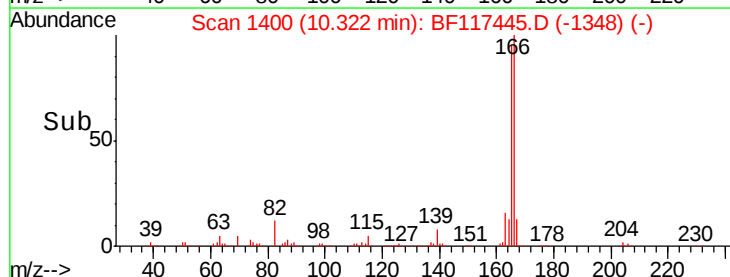


Abundance

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





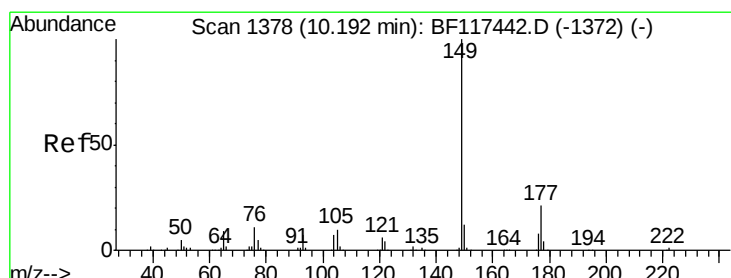
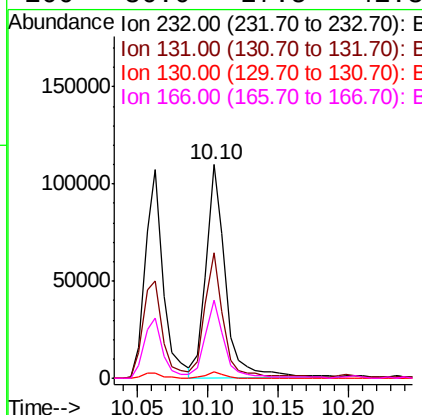
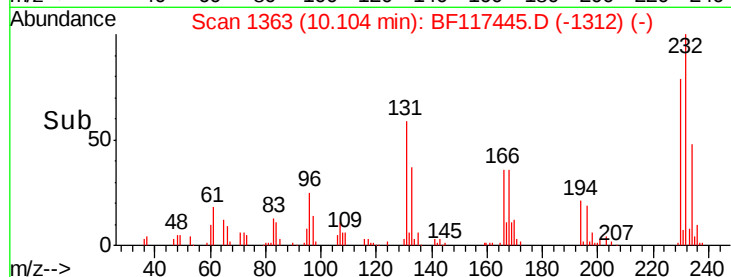
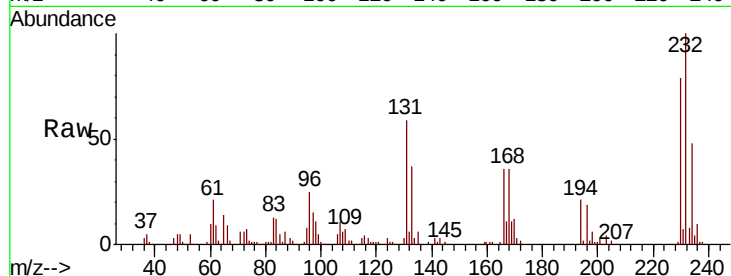
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.885 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.6	42.6	63.8
130	2.7	2.2	3.4
166	36.0	27.5	41.3

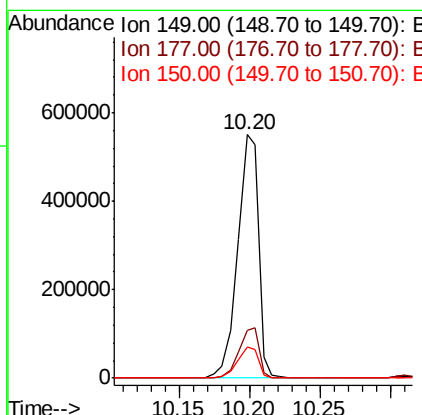
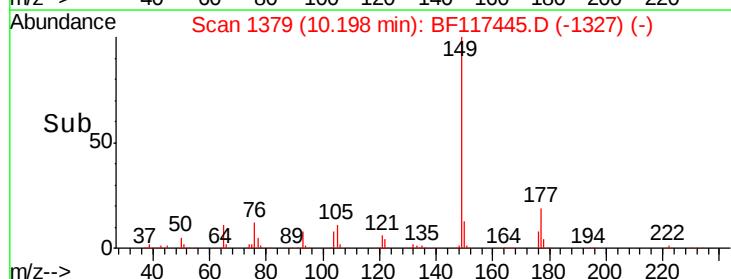
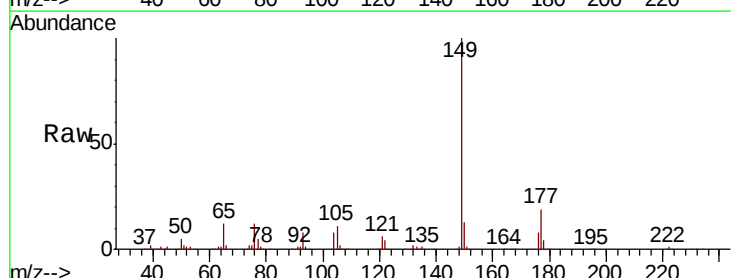
Manual Integrations
APPROVED

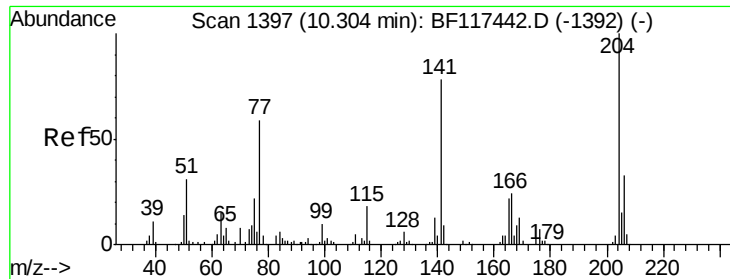
mohammad
10/20/2019 8:04:40 PM



#60
Diethylphthalate
Concen: 75.075 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.4	17.0	25.4
150	12.8	9.8	14.6





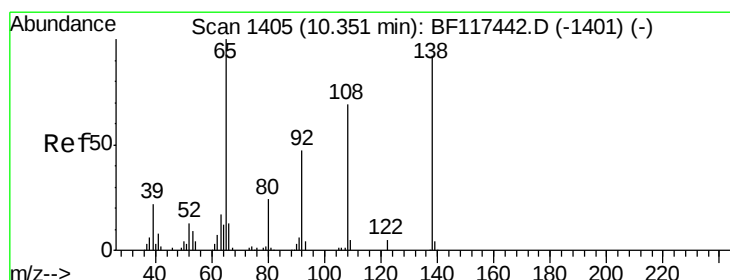
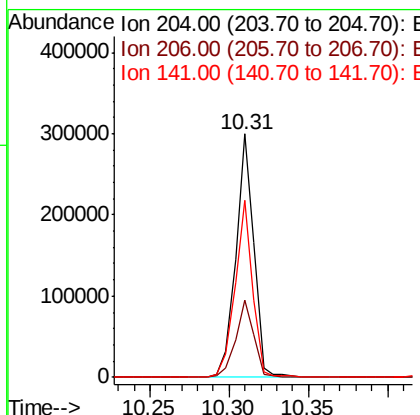
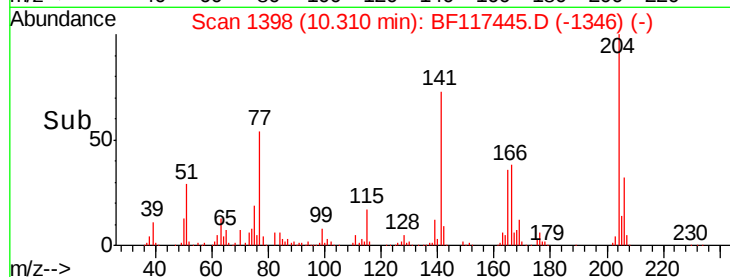
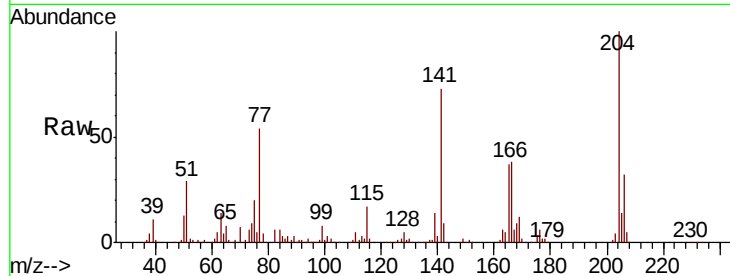
#61
4-Chlorophenyl-phenylether
Concen: 74.610 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.3	39.5
141	72.6	62.2	93.4

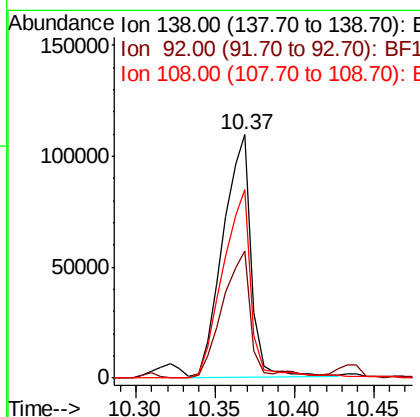
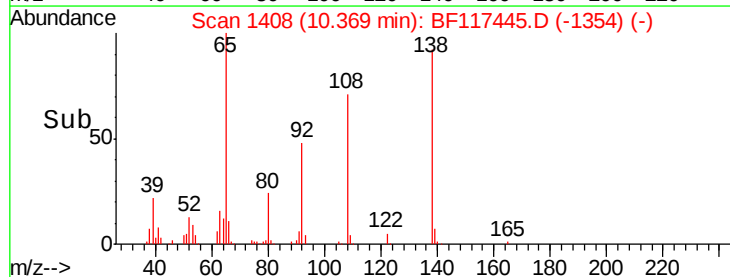
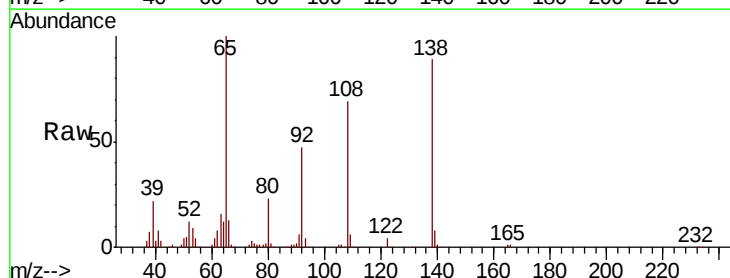
Manual Integrations
APPROVED

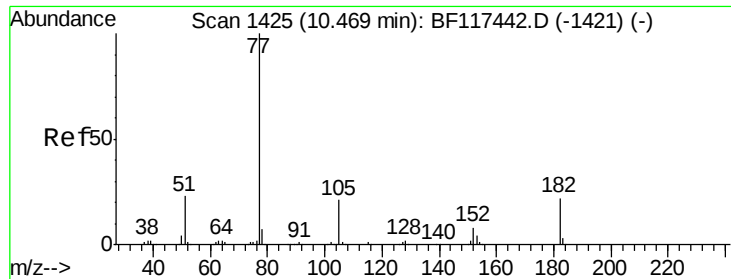
mohammad
10/20/2019 8:04:40 PM



#62
4-Nitroaniline
Concen: 74.428 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	30.3	70.3
108	77.7	54.9	94.9





#63

Azobenzene

Concen: 75.607 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

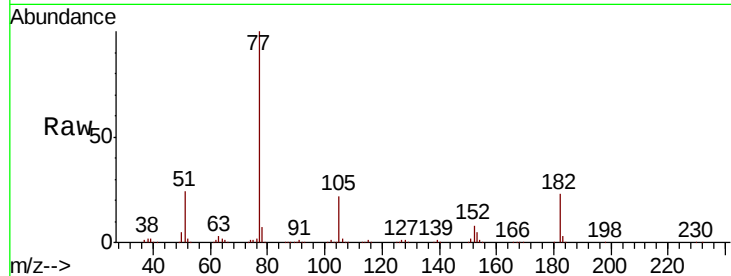
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.6	2.3	42.3	
105	21.8	1.3	41.3	
51	24.0	3.5	43.5	

Manual Integrations
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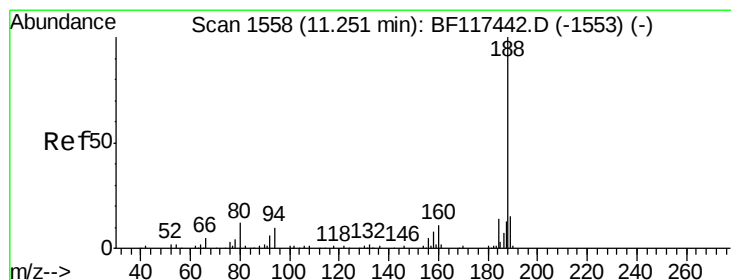
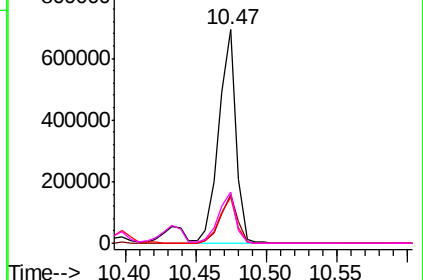
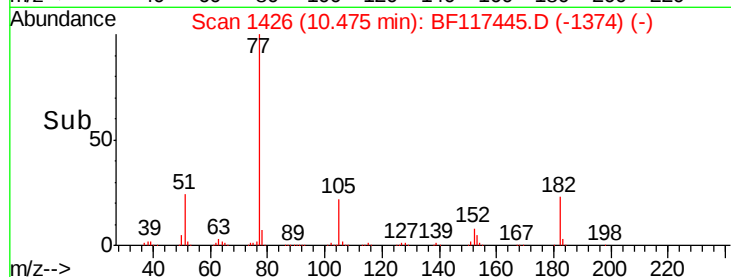


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

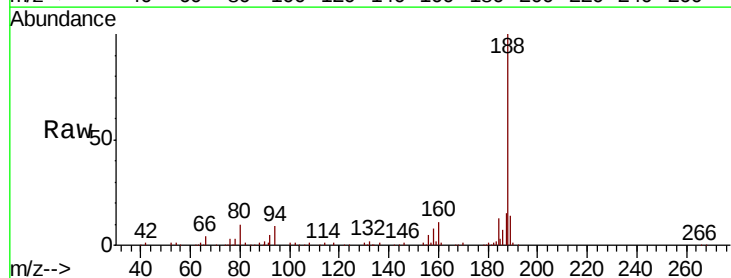
RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

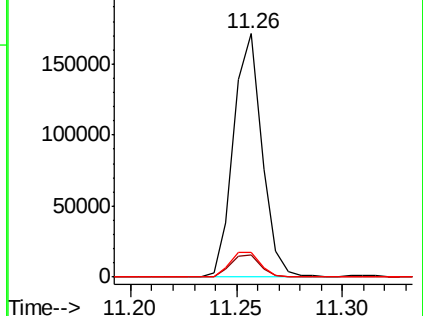
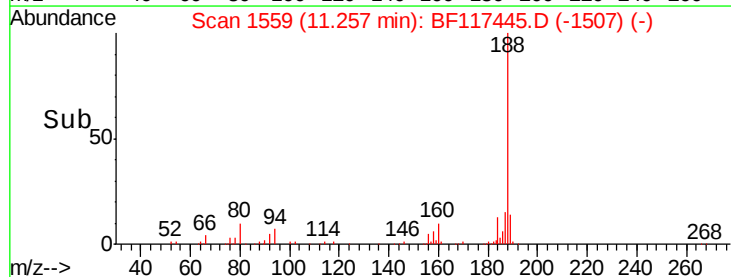
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	8.0	12.0	
80	10.1	9.5	14.3	

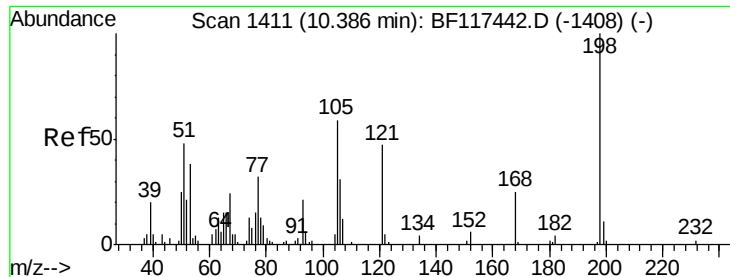


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 89.171 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 71686

Ion Ratio Lower Upper

198 100

51 49.2 29.1 69.1

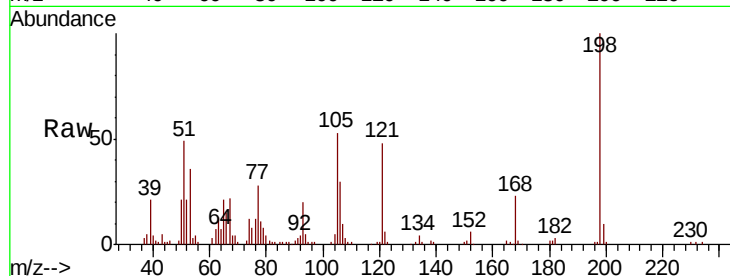
105 53.0 39.4 79.4

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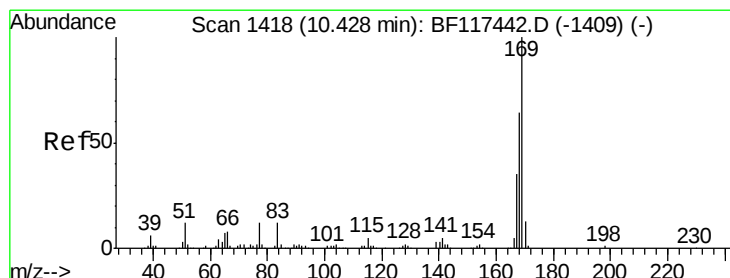
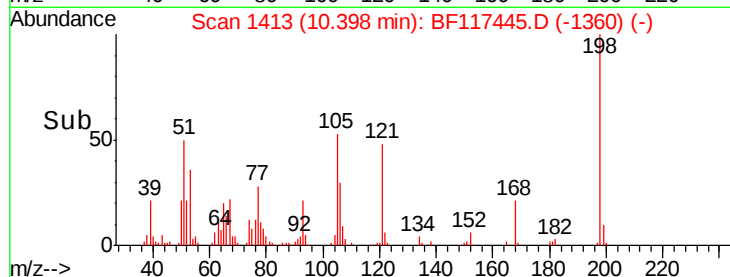
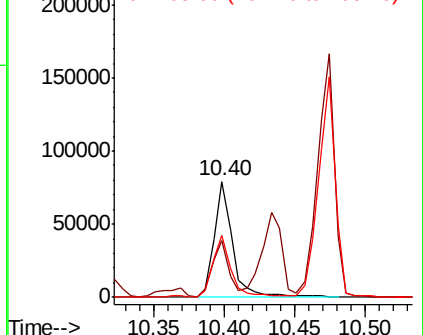
10/20/2019 8:04:40 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 75.660 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

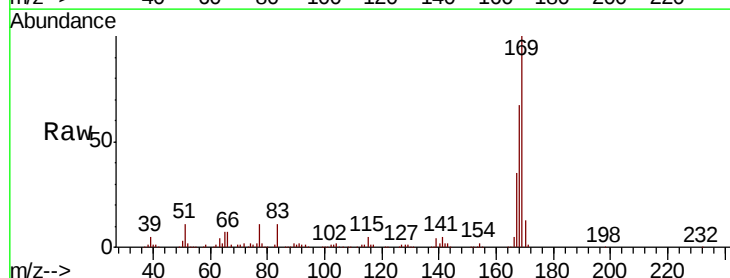
Tgt Ion:169 Resp: 452337

Ion Ratio Lower Upper

169 100

168 66.5 51.3 76.9

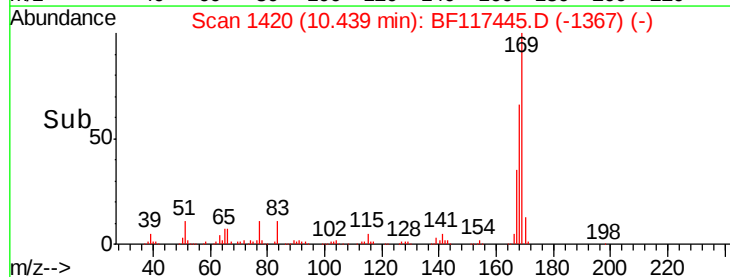
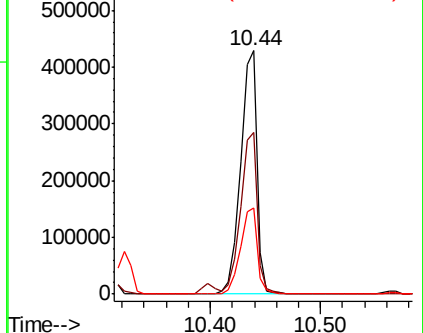
167 35.3 28.2 42.4

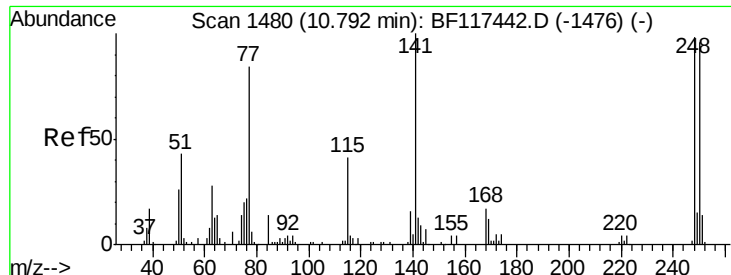


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





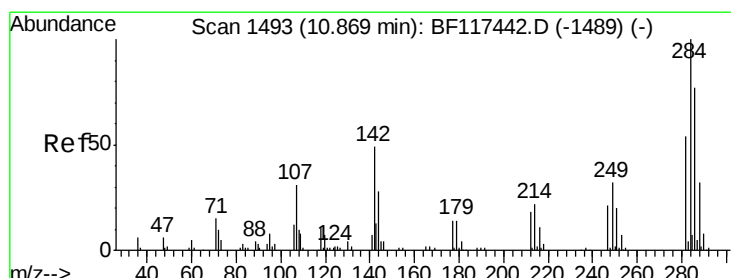
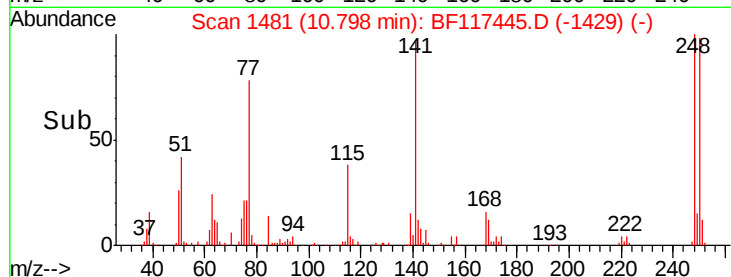
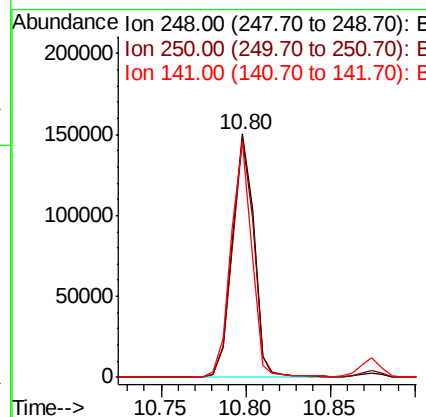
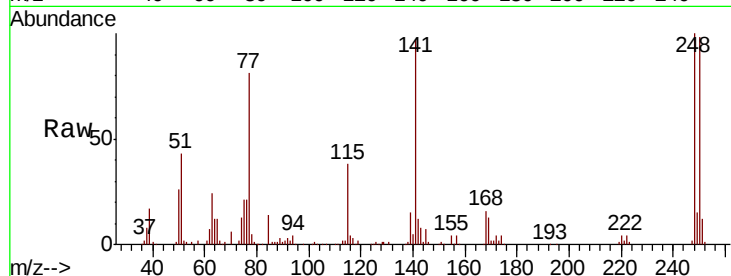
#67
 4-Bromophenyl-phenylether
 Concen: 76.639 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	96.8	81.7	122.5

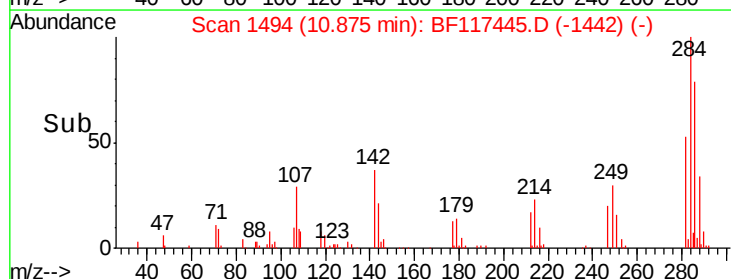
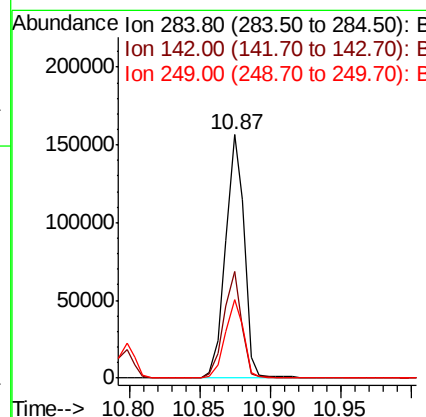
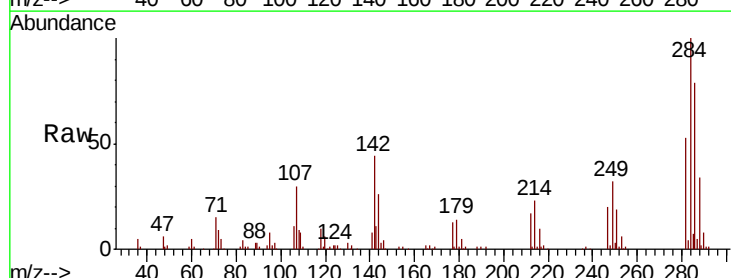
Manual Integrations
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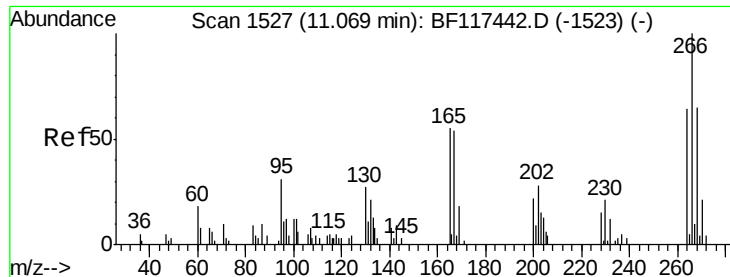
mohammad
 10/20/2019 8:04:40 PM



#68
 Hexachlorobenzene
 Concen: 76.473 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.1	39.0	58.6
249	32.2	25.7	38.5





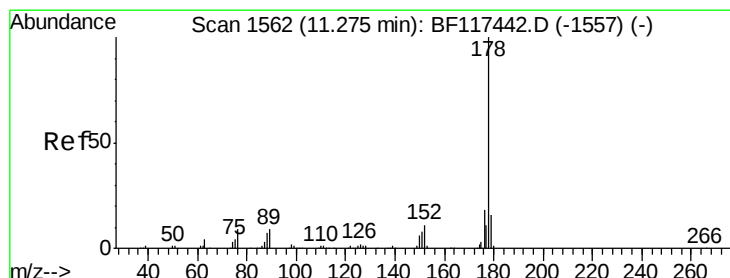
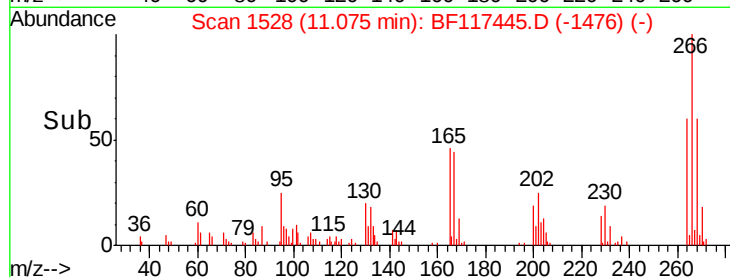
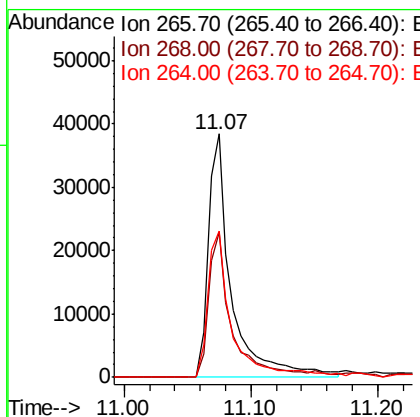
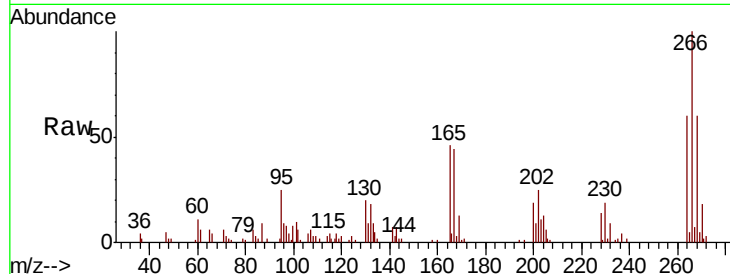
#70
 Pentachlorophenol
 Concen: 86.950 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.6	77.4
264	60.1	51.4	77.2

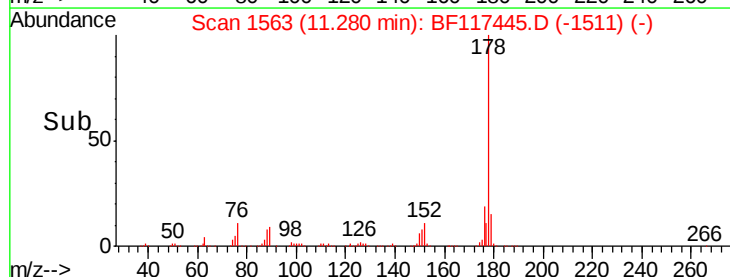
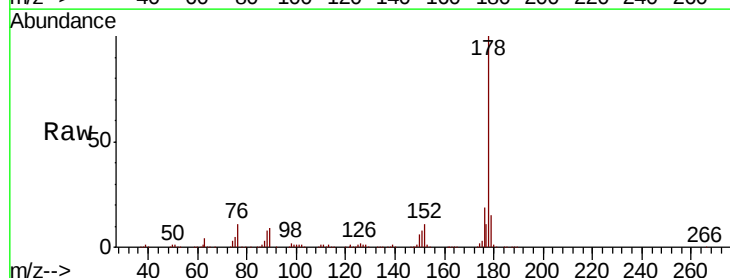
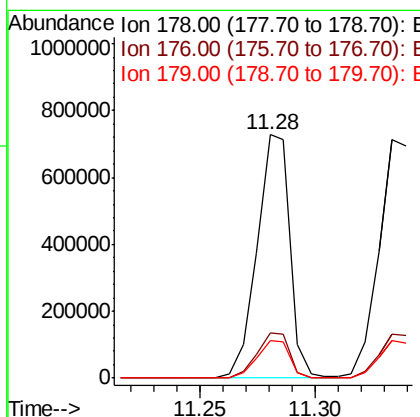
Manual Integrations
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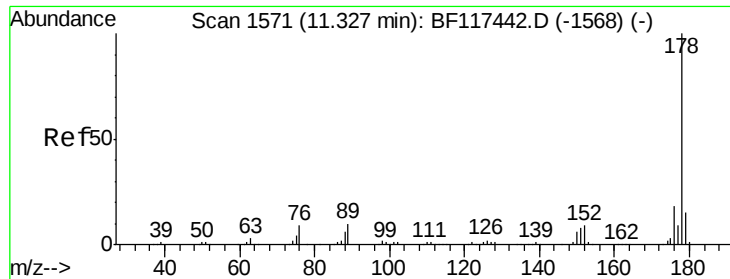
mohammad
 10/20/2019 8:04:40 PM



#71
 Phenanthrene
 Concen: 76.453 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.5	12.6	19.0





#72

Anthracene

Concen: 75.832 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

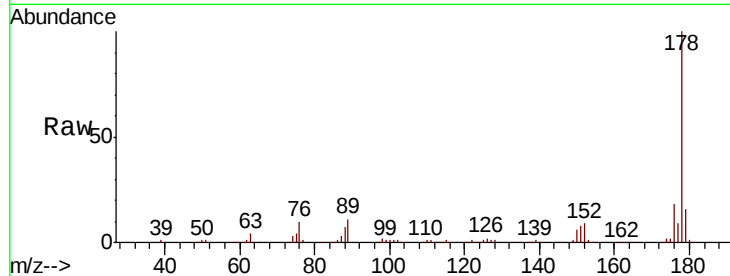
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		740592		
176	18.5	14.7	22.1		
179	15.7	12.2	18.2		

Manual Integrations
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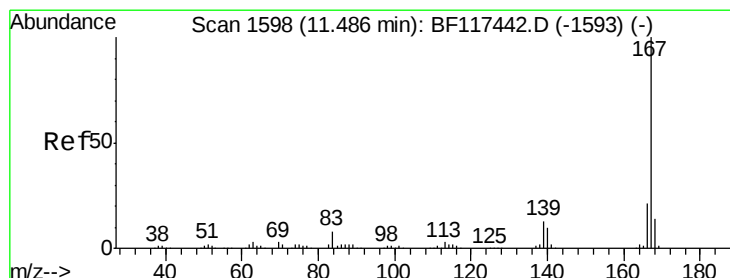
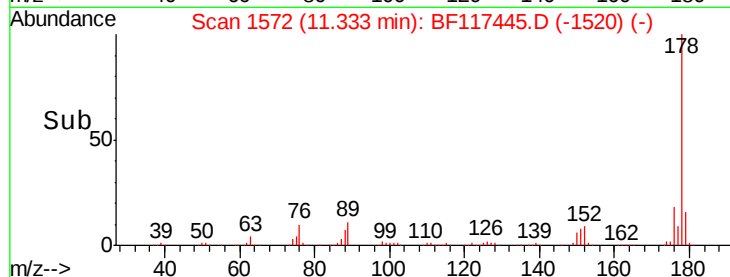
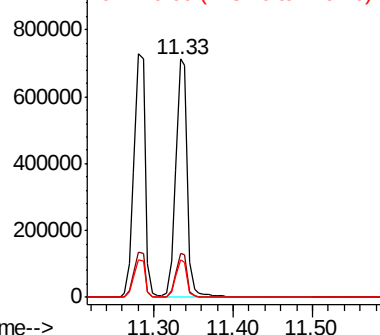


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 74.786 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

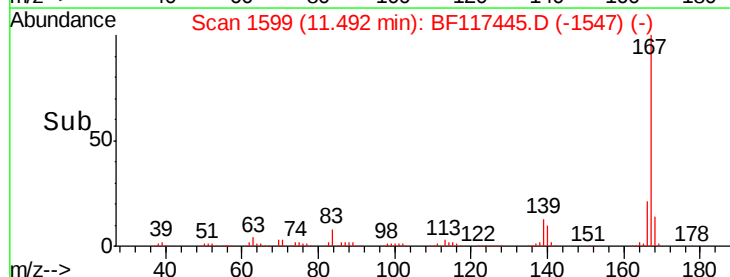
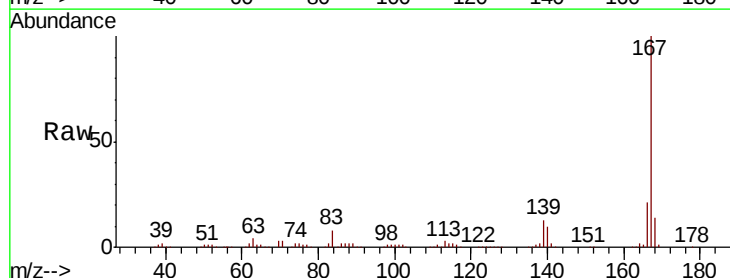
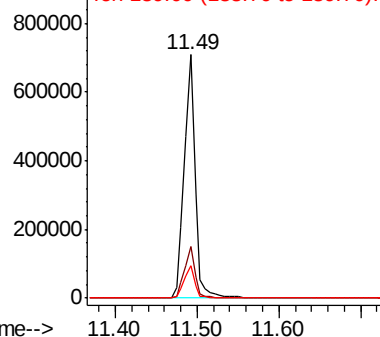
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		663448		
166	21.2	17.0	25.6		
139	13.4	10.6	16.0		

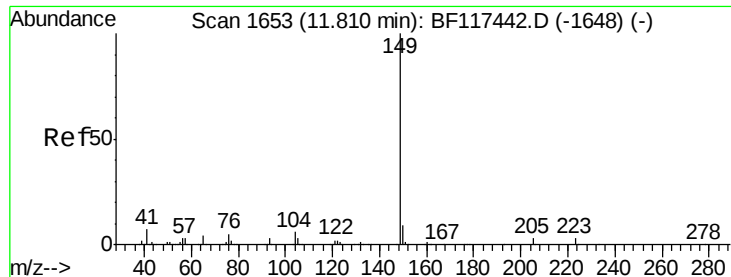
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 73.601 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

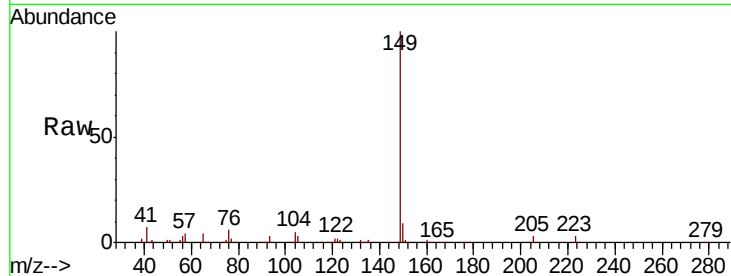
ClientSampleId :

SSTDICC080

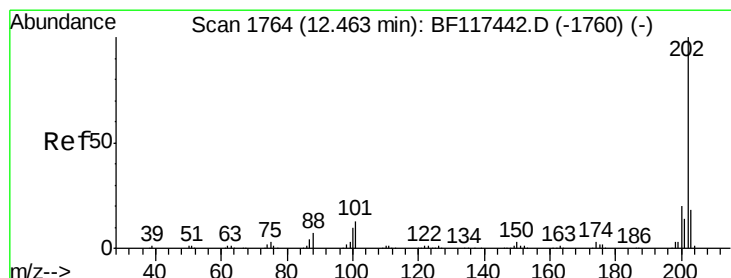
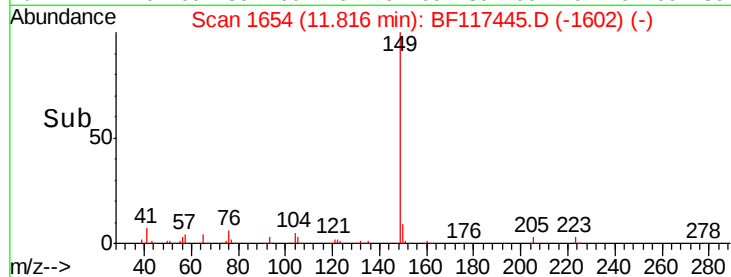
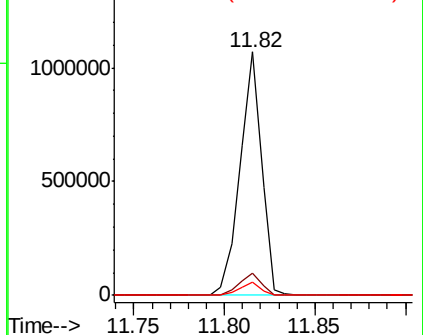
Tot Ion:	149	Resp:	884134
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	5.4	4.6	6.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 73.997 ng

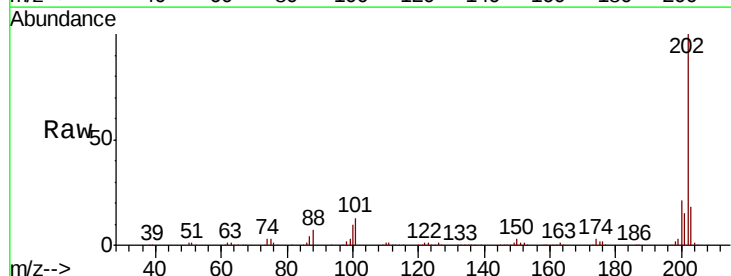
RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

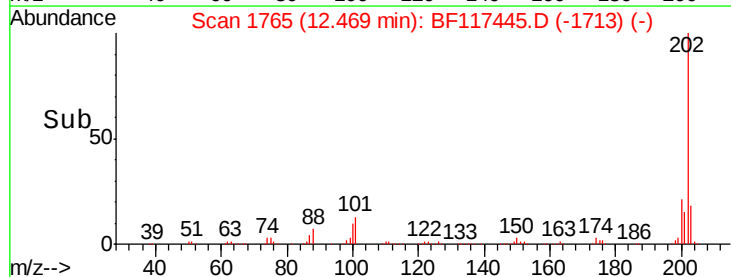
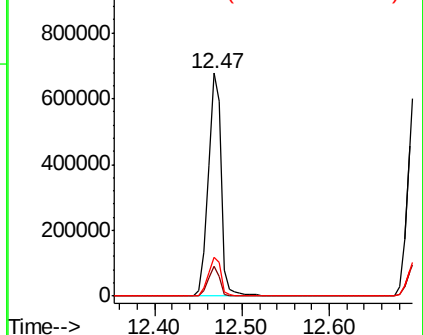
Lab File: BF117445.D

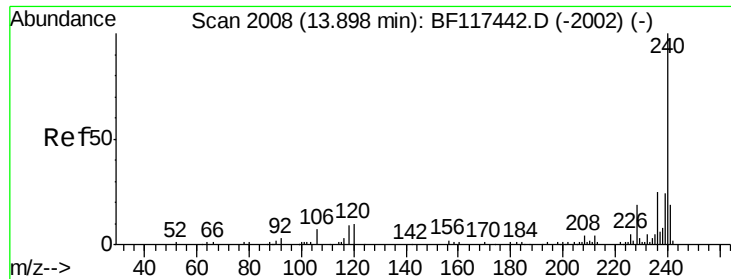
Acq: 18 Oct 2019 17:27

Tgt Ion:	202	Resp:	696098
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	32.7
203	17.5	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





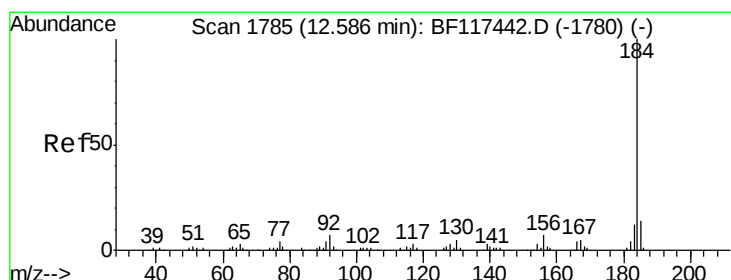
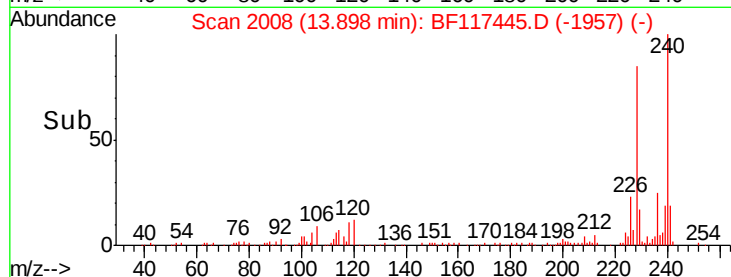
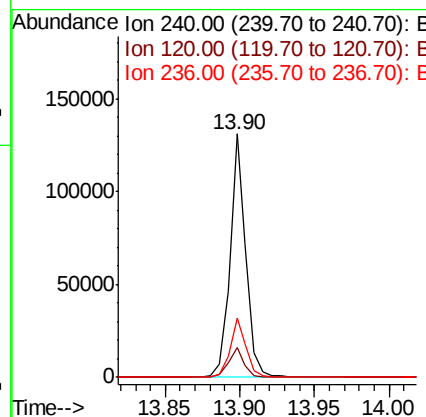
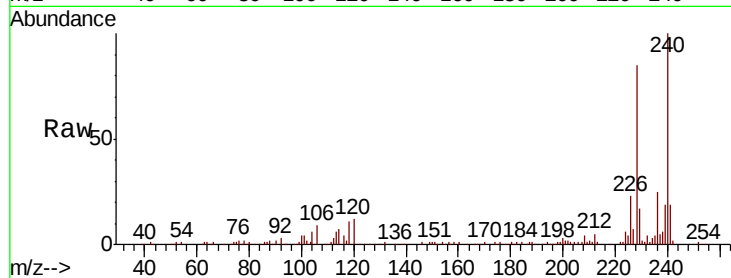
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.4	12.6
236	24.5	20.0	30.0

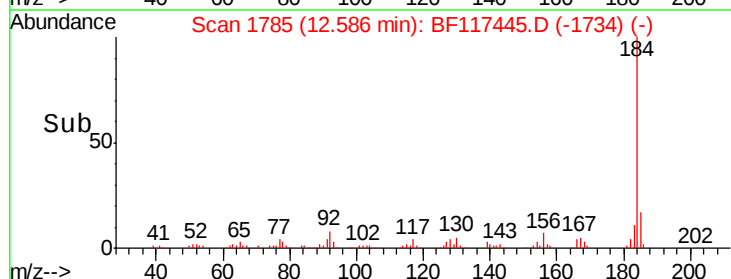
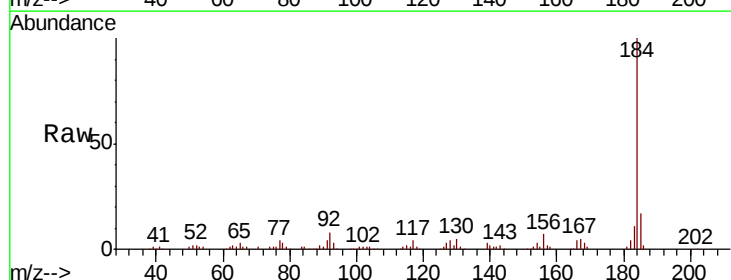
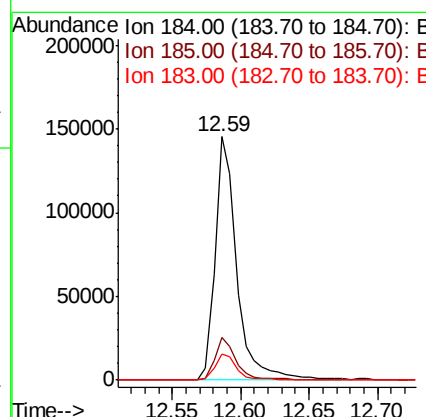
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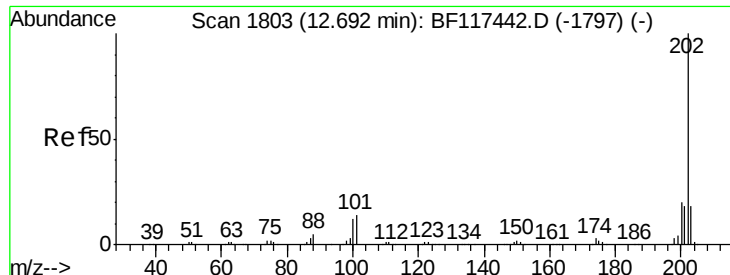
mohammad
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#77
Benzidine
Concen: 66.193 ng m
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	11.4	17.0#
183	10.6	9.6	14.4





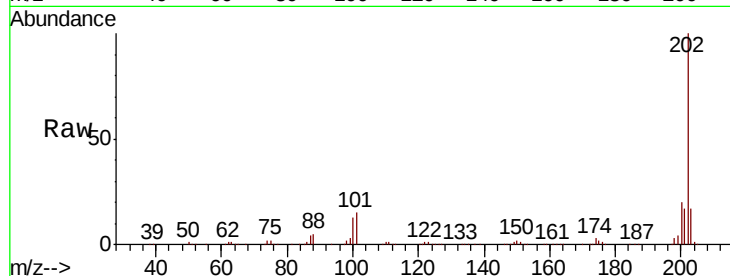
#78
Pvrene
Concen: 80.428 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.2
203	17.1	14.0	21.0

Manual Integrations
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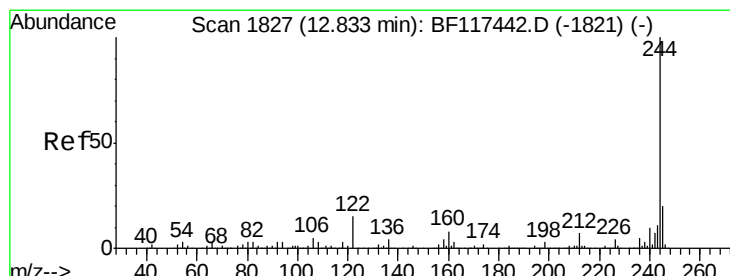
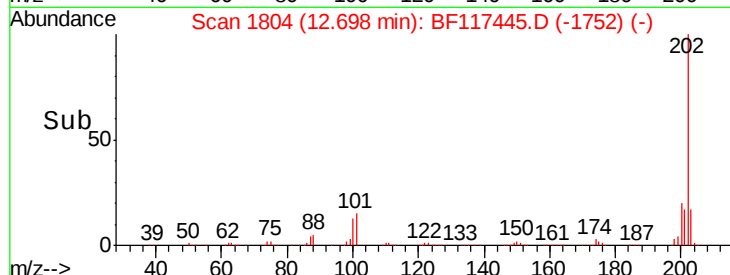
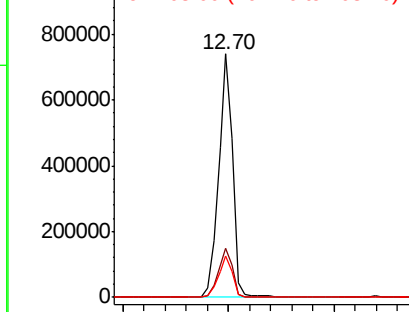


Abundance

Ion 202.00 (201.70 to 202.70): E

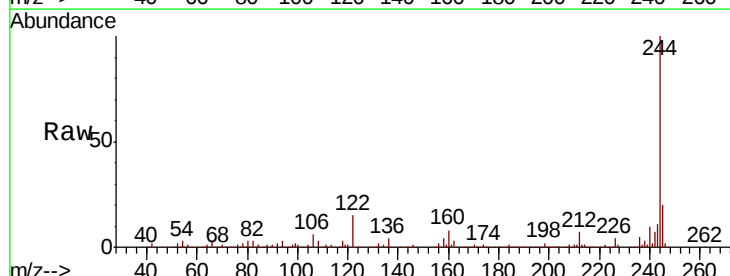
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 164.971 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	15.1	11.8	17.8

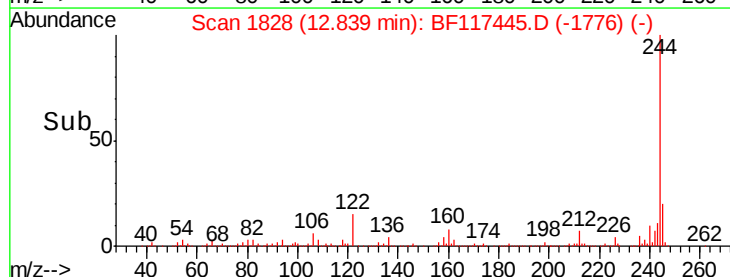
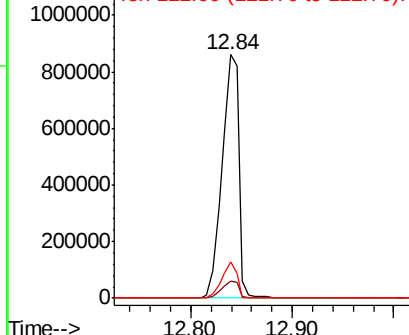


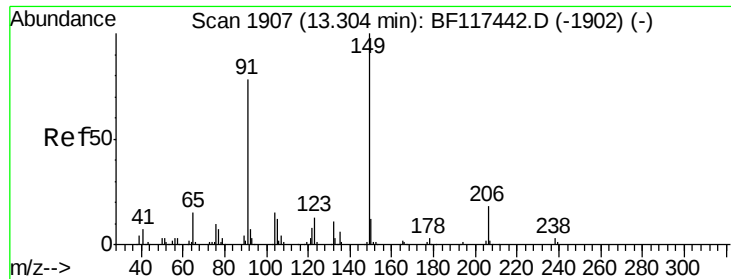
Abundance

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





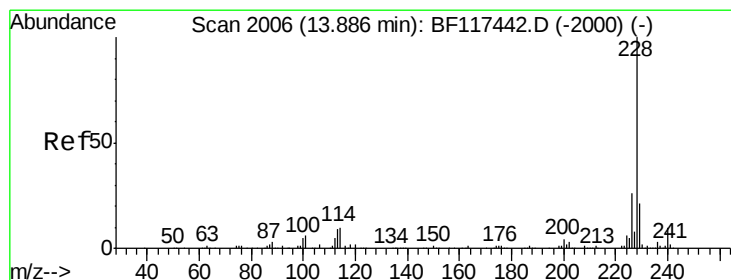
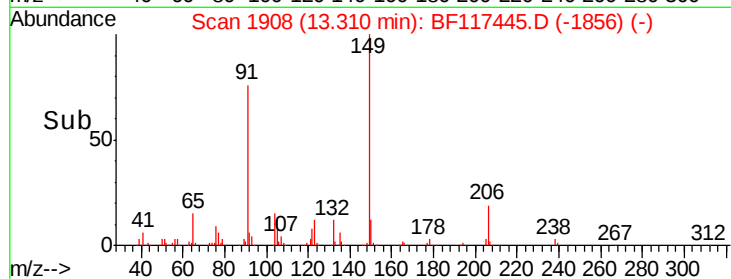
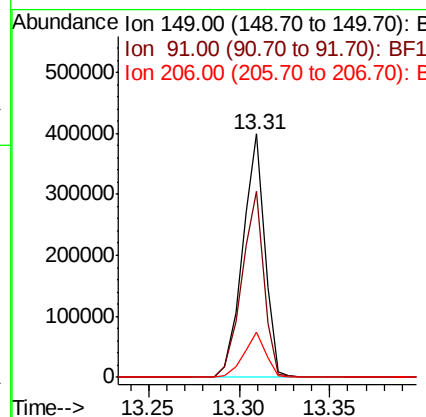
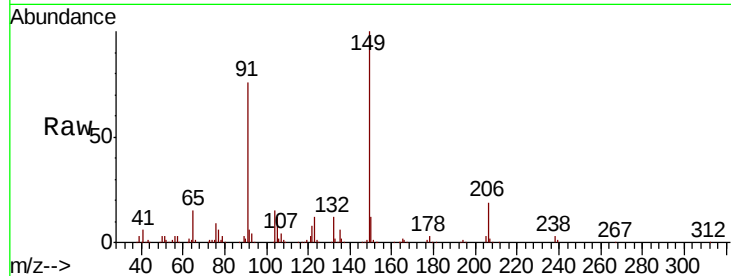
#80
Butylbenzylphthalate
Concen: 77.910 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	62.1	93.1
206	18.7	14.3	21.5

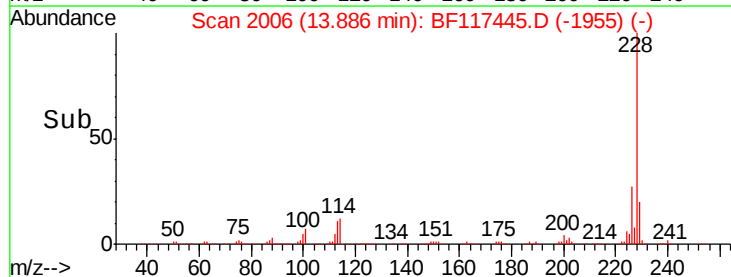
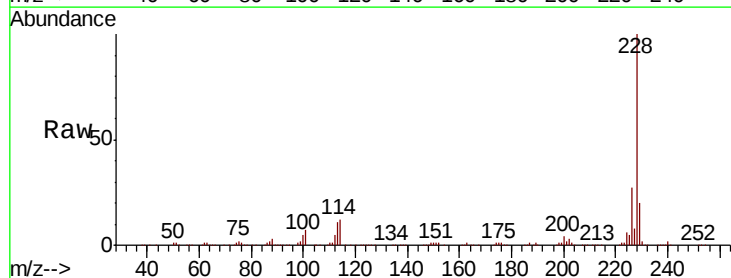
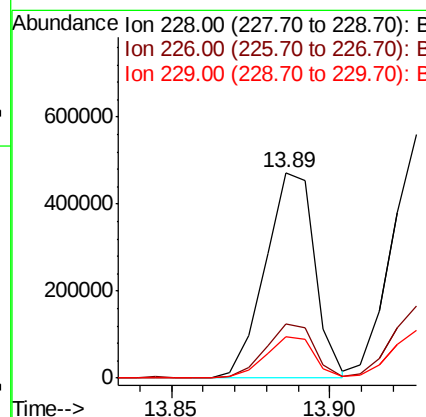
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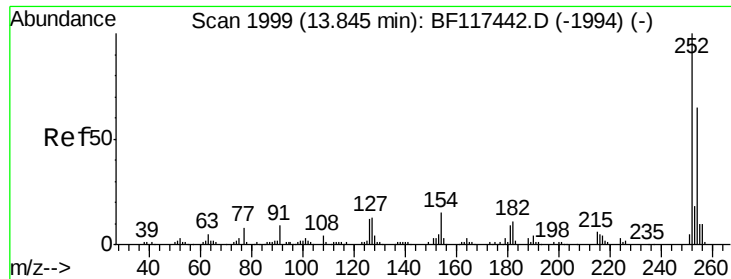
mohammad
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#81
Benzo(a)anthracene
Concen: 76.383 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	19.9	16.4	24.6





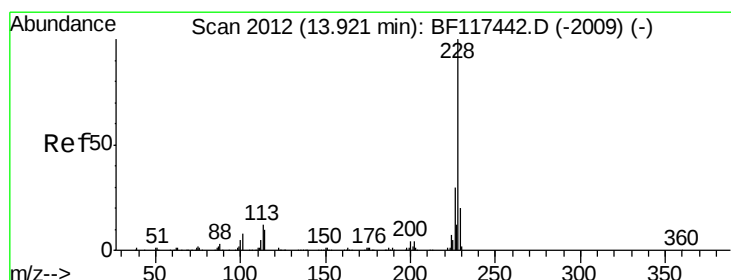
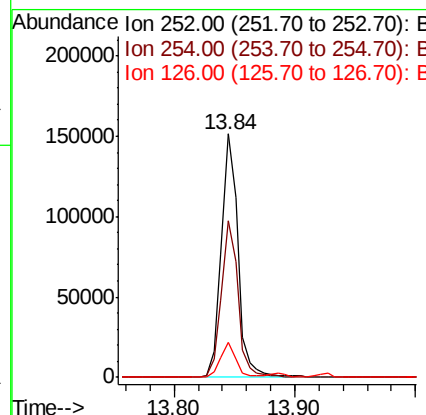
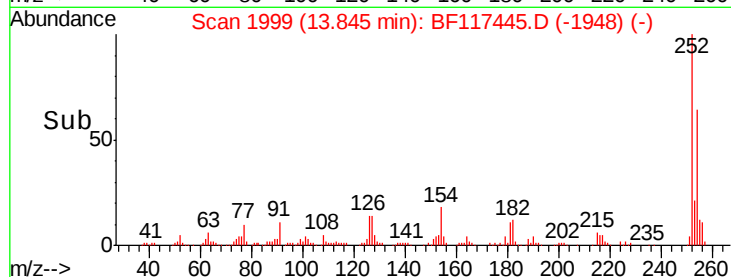
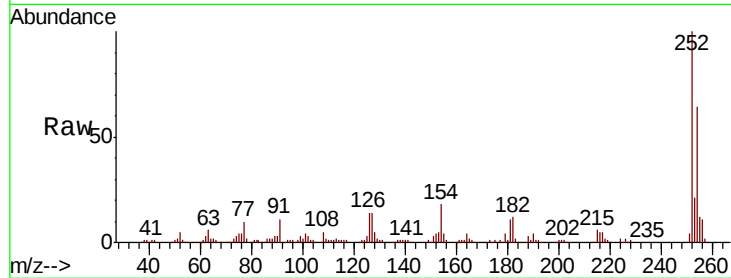
#82
 3,3'-Dichlorobenzidine
 Concen: 67.902 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	52.2	78.4
126	14.2	9.2	13.8

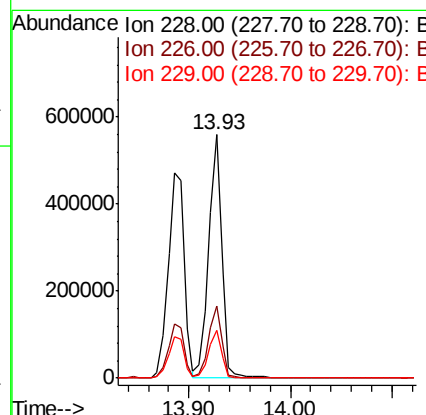
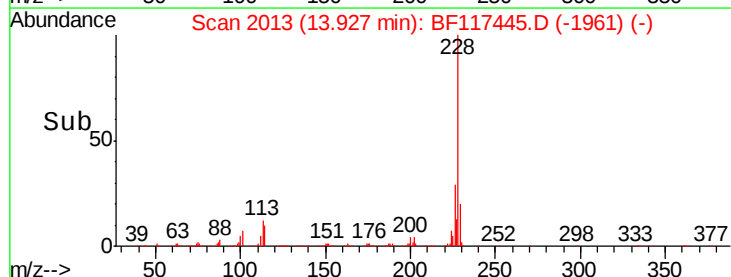
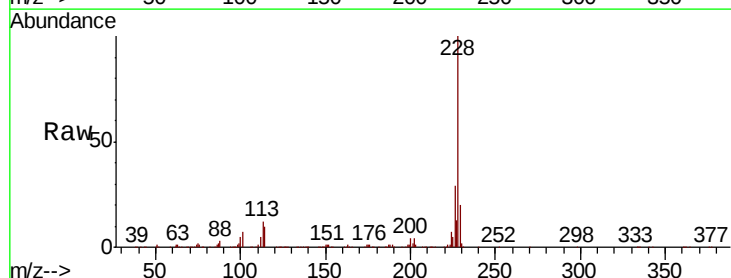
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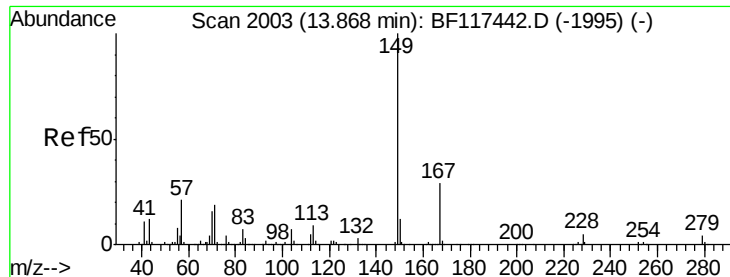
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#83
 Chrysene
 Concen: 75.779 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	23.9	35.9
229	19.7	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 76.817 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF117445.D

Acq: 18 Oct 2019 17:27

Instrument :

BNA_F

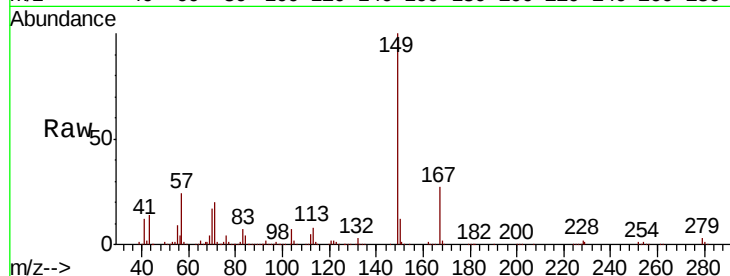
ClientSampleId :

SSTDICC080

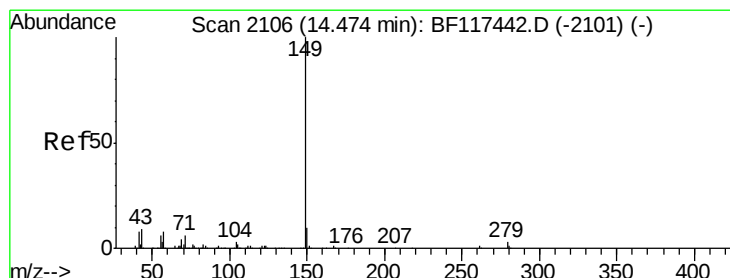
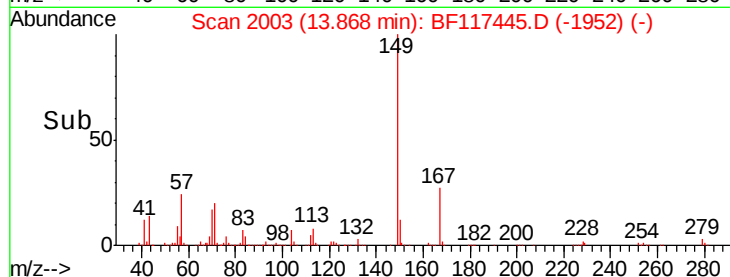
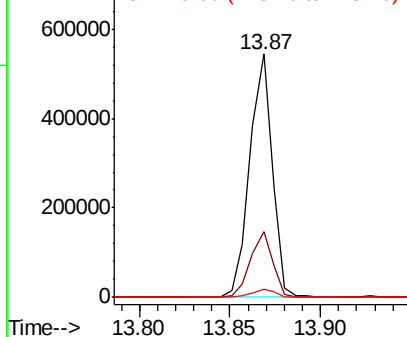
Tot Ion:	149	Resp:	470613
Ion Ratio	Lower	Upper	
149	100		
167	27.0	23.3	34.9
279	3.5	3.2	4.8

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



#85

Di-n-octyl phthalate

Concen: 75.226 ng

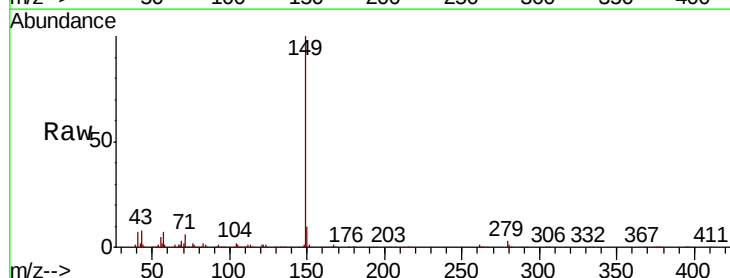
RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

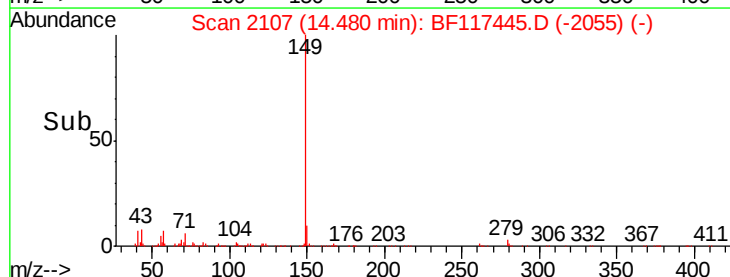
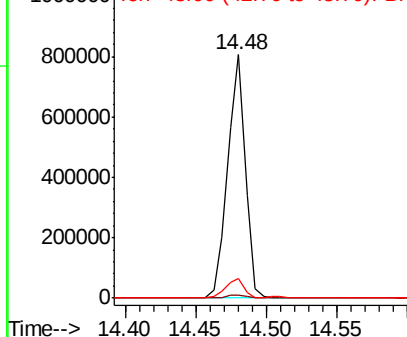
Lab File: BF117445.D

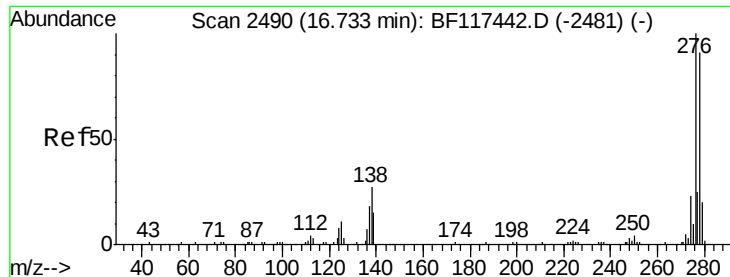
Acq: 18 Oct 2019 17:27

Tgt Ion:	149	Resp:	701636
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.5	6.8	10.2



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





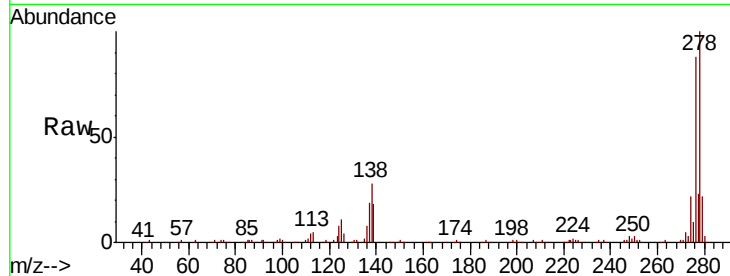
#86
Indeno(1,2,3-cd)pyrene
Concen: 88.185 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.8	32.8
277	25.5	20.0	30.0

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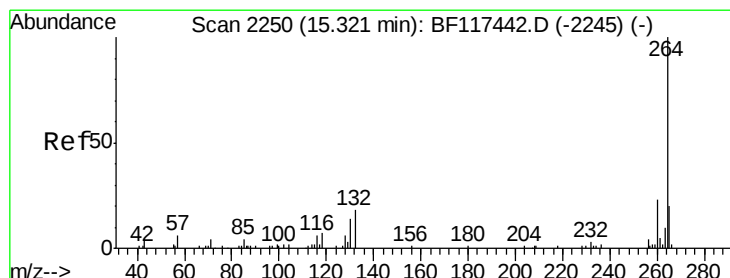
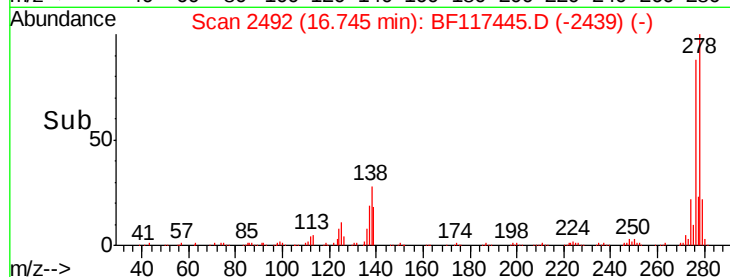
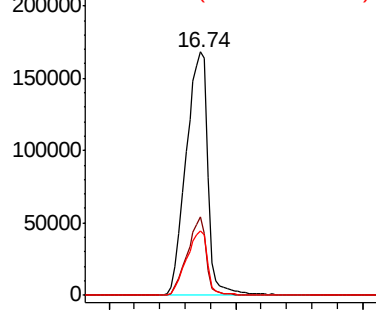


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

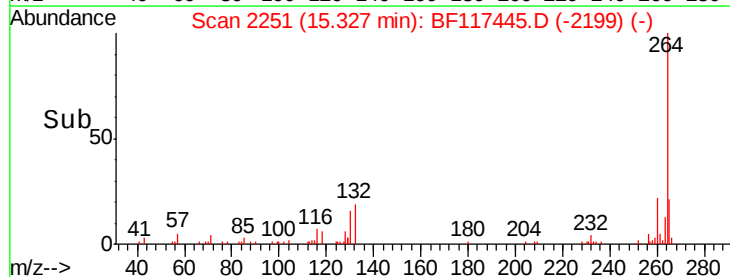
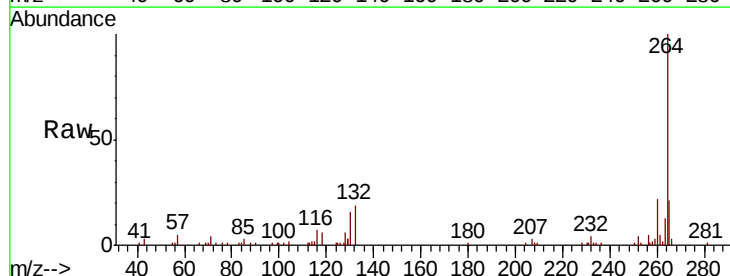
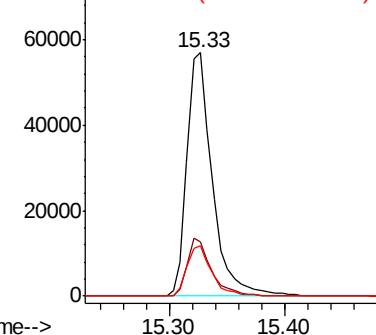
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	20.8	16.1	24.1

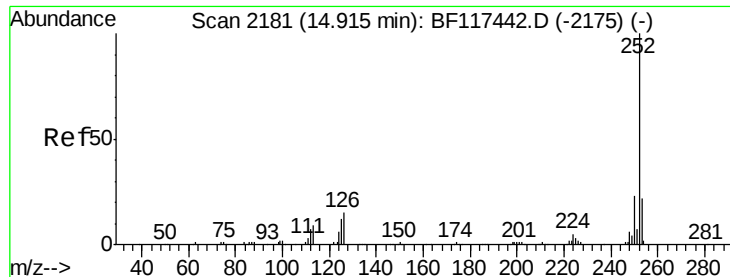
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





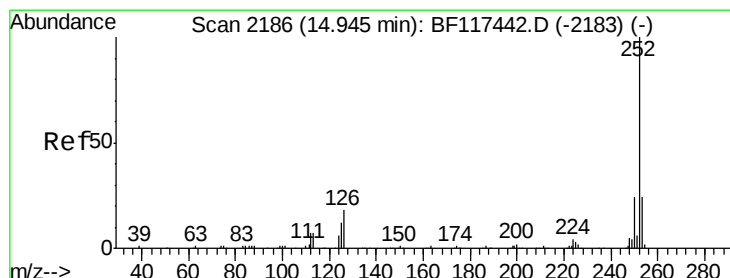
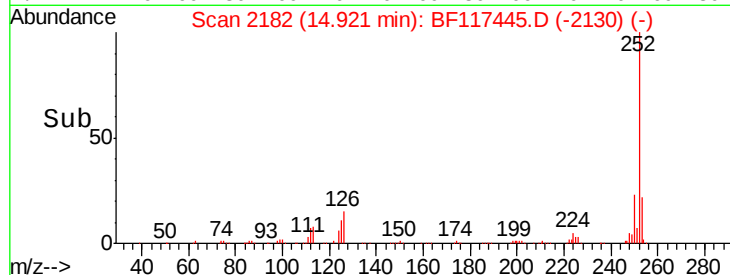
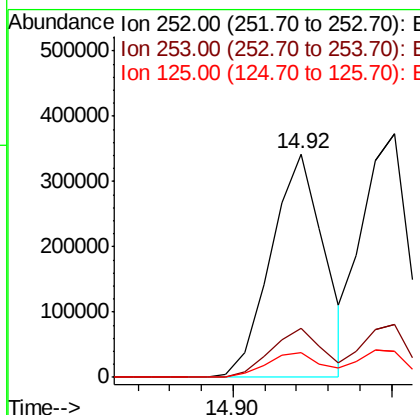
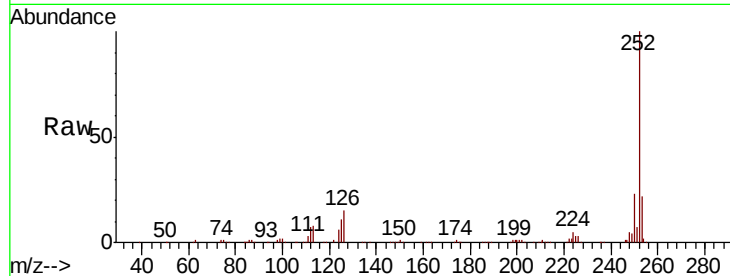
#88
Benzo(b)fluoranthene
Concen: 73.632 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.3	9.9	14.9

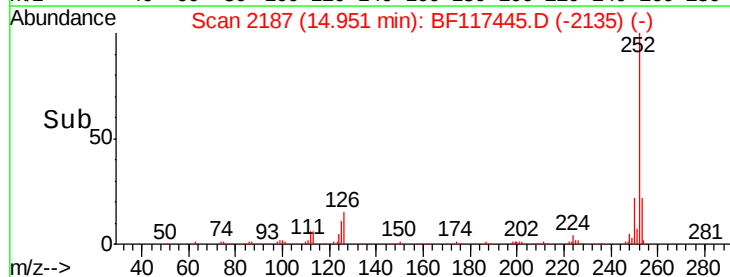
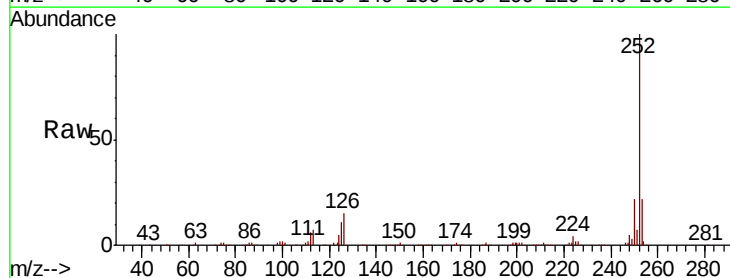
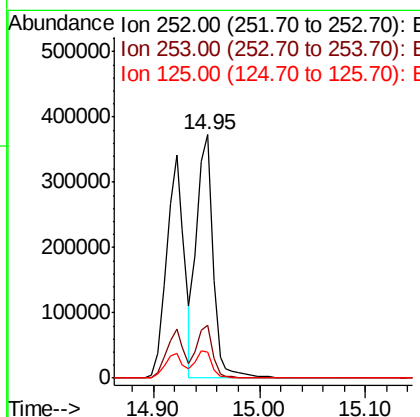
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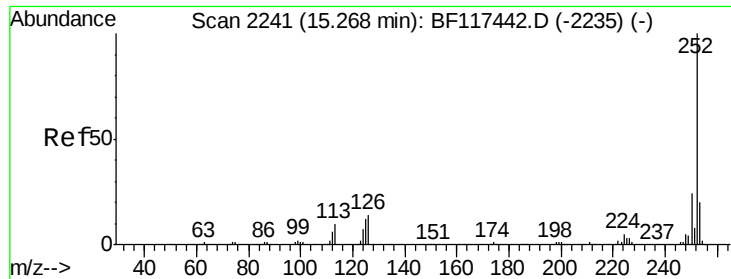
mohammad
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#89
Benzo(k)fluoranthene
Concen: 73.816 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.5	8.9	13.3





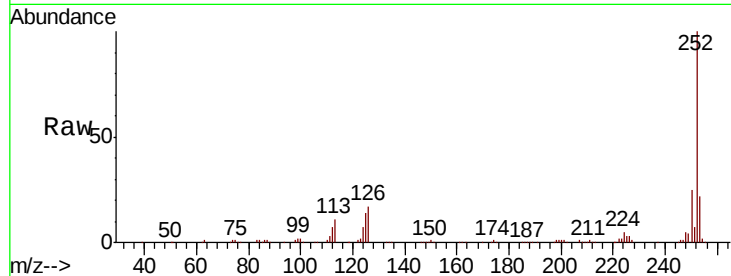
#90
Benzo(a)pyrene
Concen: 75.693 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.3	24.5
125	13.6	9.2	13.8

Manual Integrations
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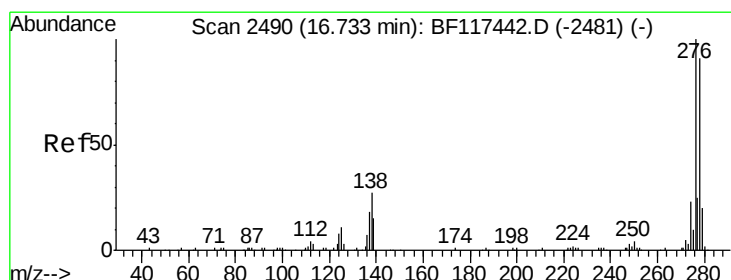
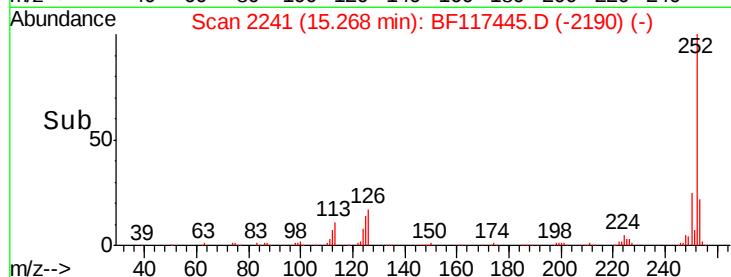
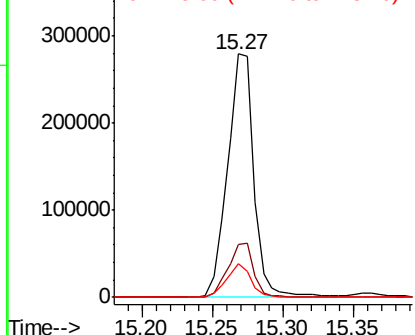


Abundance

Ion 252.00 (251.70 to 252.70): E

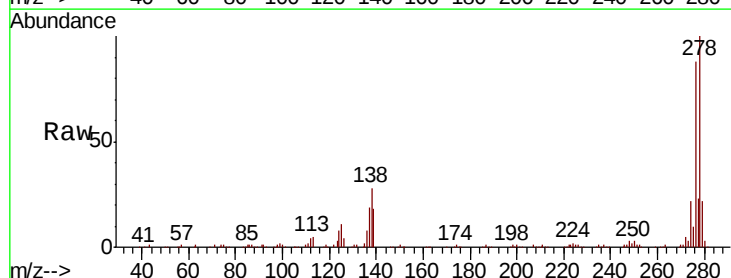
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 83.478 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117445.D
Acq: 18 Oct 2019 17:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.4	20.0
279	22.3	17.8	26.6

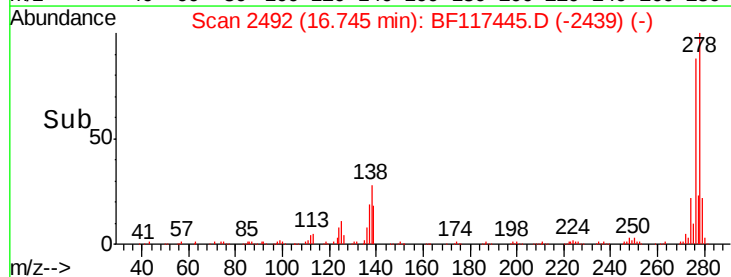
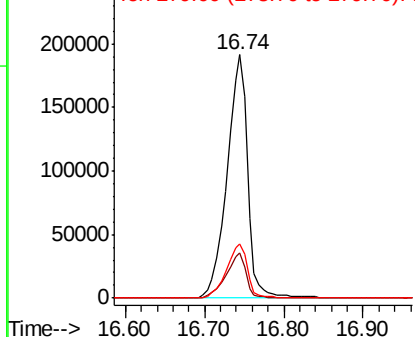


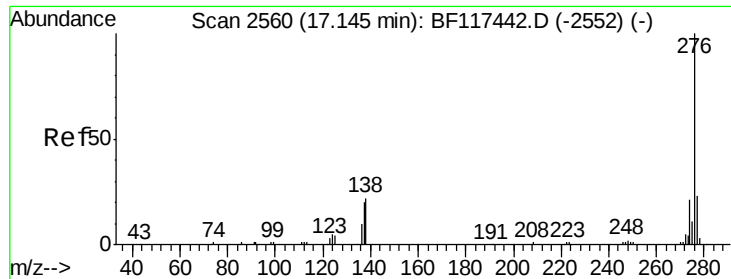
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





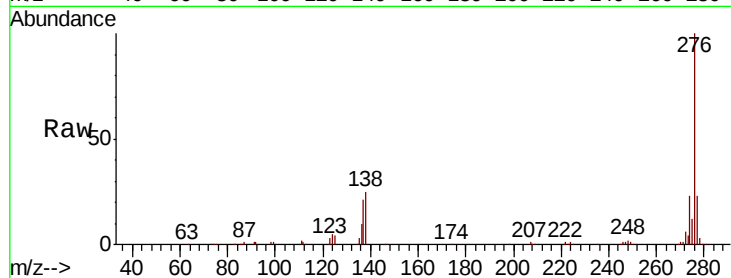
#92
 Benzo(a,h,i)perylene
 Concen: 85.336 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.01 min
 Lab File: BF117445.D
 Acq: 18 Oct 2019 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
276	100	334017		
277	23.4		18.4	27.6
138	24.9		17.8	26.6

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:04:40 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

