

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131498.D
 Acq On : 02 Dec 2022 16:25
 Operator : CG\JU
 Sample : N5848-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Dec 05 00:03:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 05 00:00:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

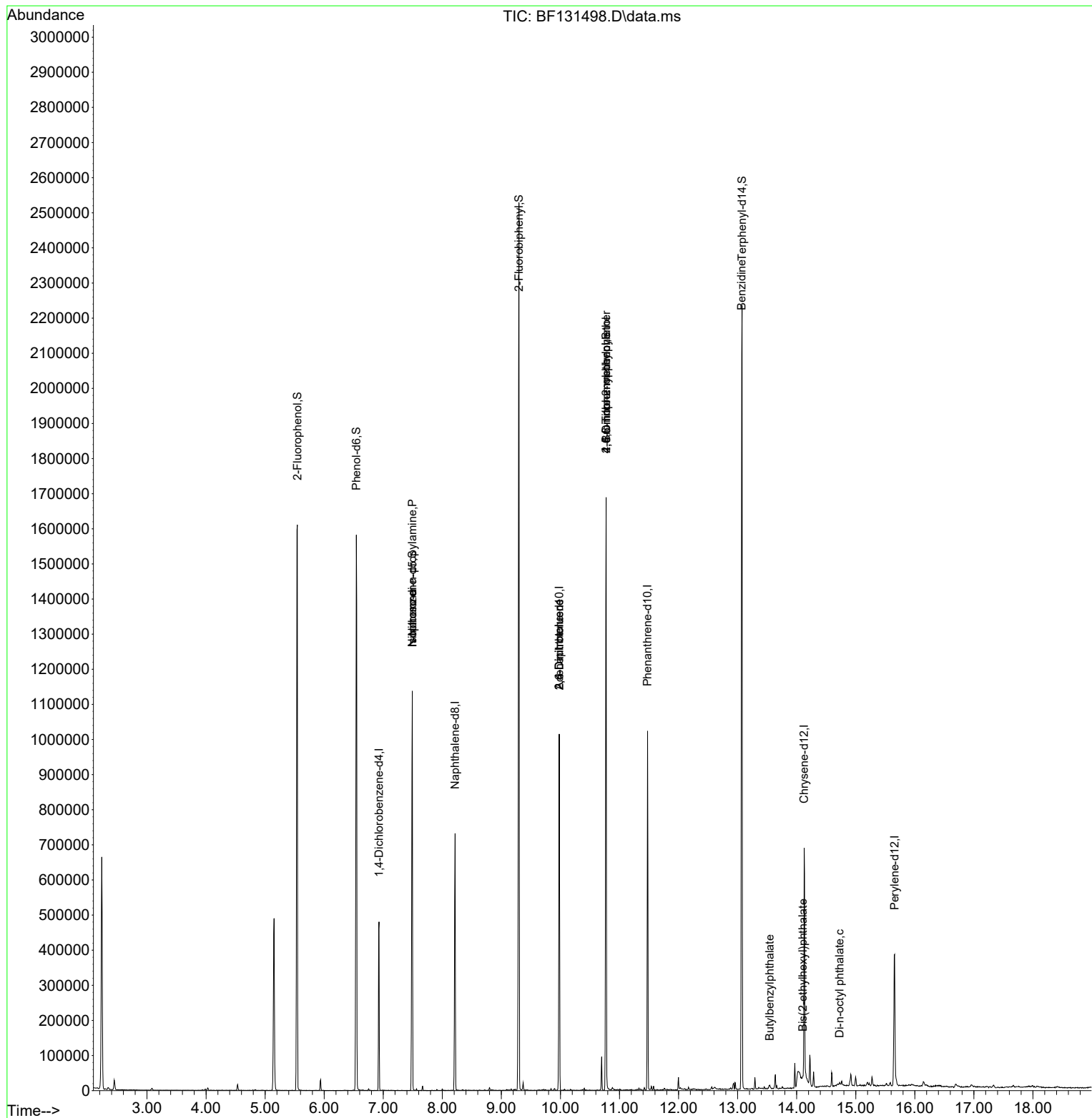
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	69618	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	296662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	193333	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	350230	20.000	ng	0.00
76) Chrysene-d12	14.127	240	229813	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	193908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	431136	117.864	ng	0.01
7) Phenol-d6	6.545	99	558045	119.571	ng	-0.01
23) Nitrobenzene-d5	7.492	82	358697	60.950	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	199278	122.518	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	808298	60.824	ng	0.00
79) Terphenyl-d14	13.074	244	857734	61.033	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	58	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.492	70	50208	14.695	ng	# 72
25) Isophorone	7.492	82	358663	34.160	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	25153	9.337	ng	# 15
57) 2,4-Dinitrotoluene	9.980	165	25153	7.421	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.775	198	386	4.861	ng	# 1
67) 4-Bromophenyl-phenylether	10.775	248	12786	2.979	ng	# 1
77) Benzidine	13.068	184	10900	2.568	ng	# 89
80) Butylbenzylphthalate	13.545	149	1312	4.319	ng	94
84) Bis(2-ethylhexyl)phtha...	14.104	149	3242	4.079	ng	# 94
85) Di-n-octyl phthalate	14.727	149	2282	4.105	ng	# 33

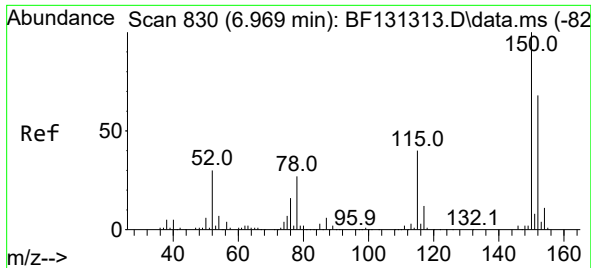
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 05 00:00:18 2022
Response via : Initial Calibration

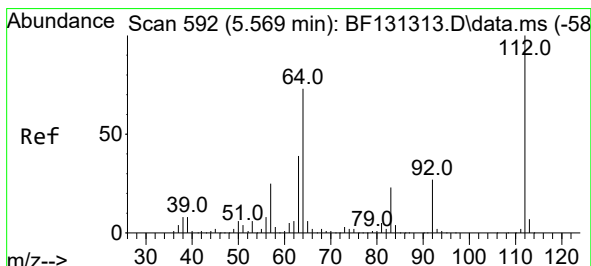
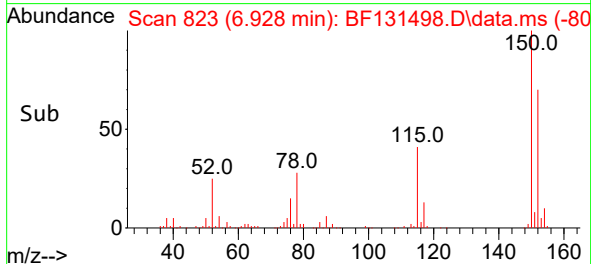
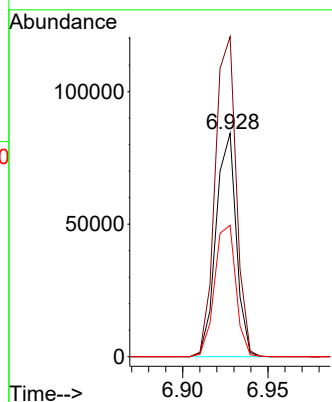
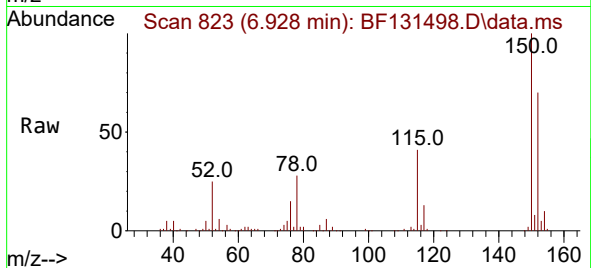




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

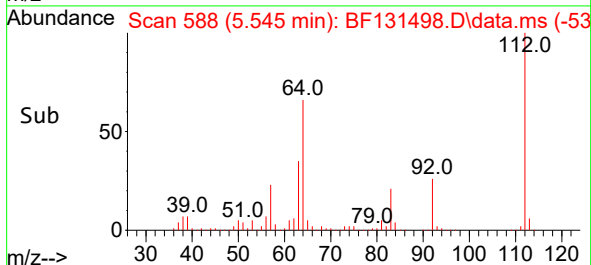
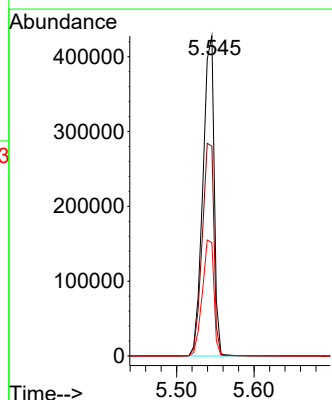
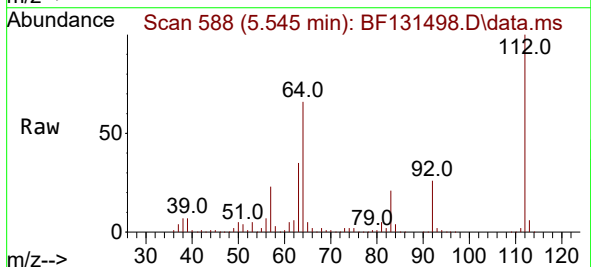
Instrument :
 BNA_F
 ClientSampleId :
 PE-3

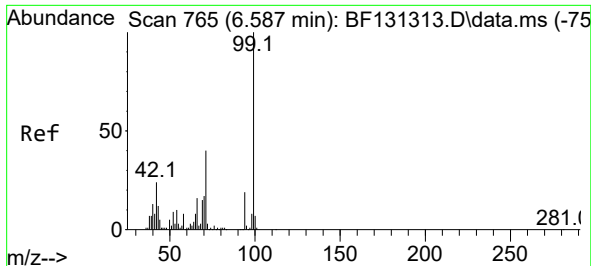
Tgt Ion:152 Resp: 69618
 Ion Ratio Lower Upper
 152 100
 150 143.3 117.8 176.8
 115 58.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 117.864 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131498.D
 Acq: 02 Dec 2022 16:25

Tgt Ion:112 Resp: 431136
 Ion Ratio Lower Upper
 112 100
 64 65.5 58.6 88.0
 63 35.4 31.4 47.0

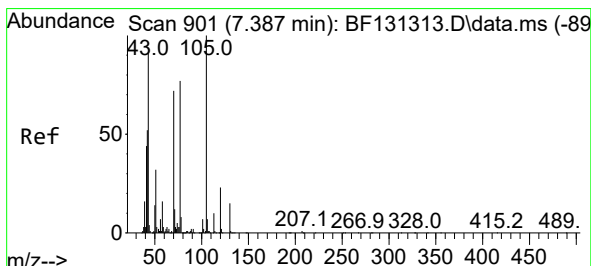
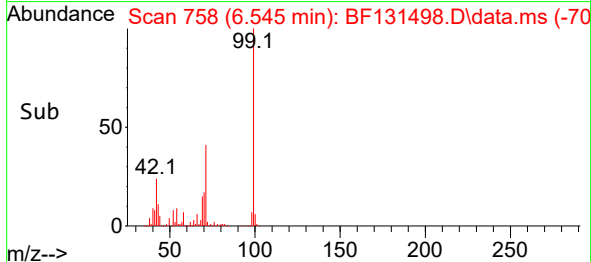
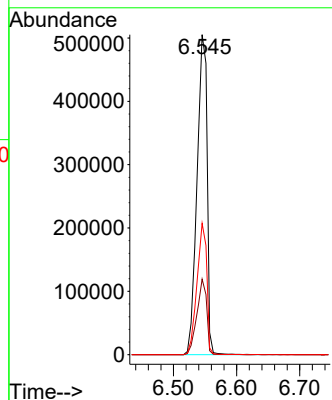
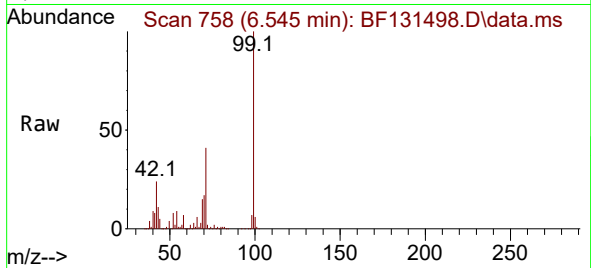




#7
Phenol-d6
Concen: 119.571 ng
RT: 6.545 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

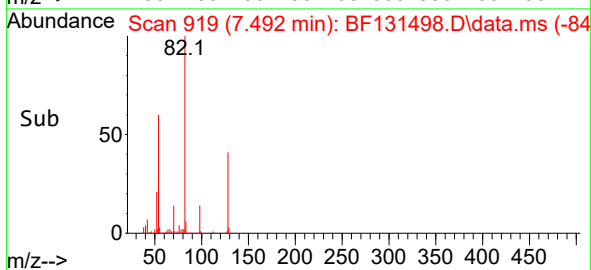
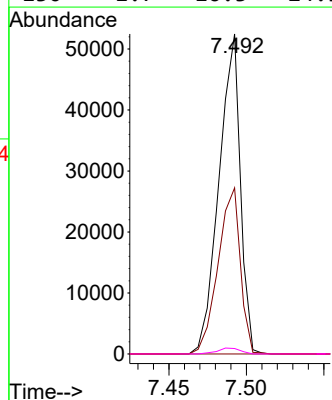
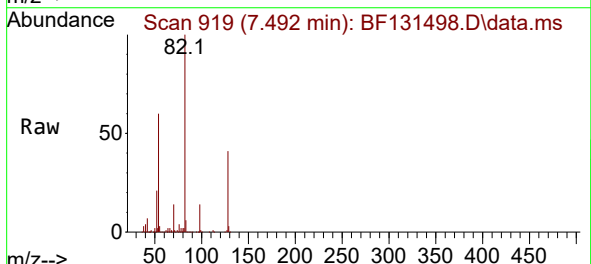
Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 99 Resp: 558045
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 41.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.695 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion: 70 Resp: 50208
Ion Ratio Lower Upper
70 100
42 51.9 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#



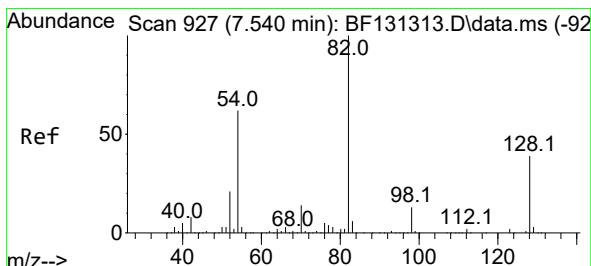
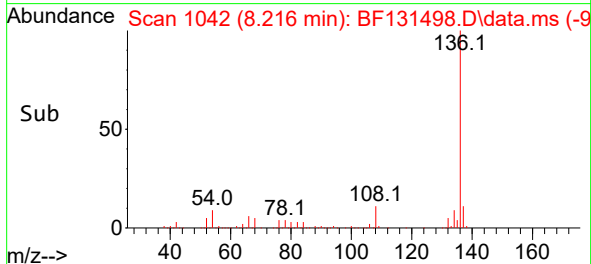
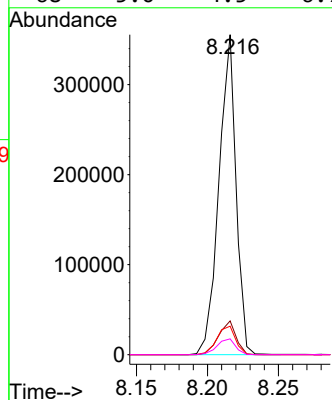
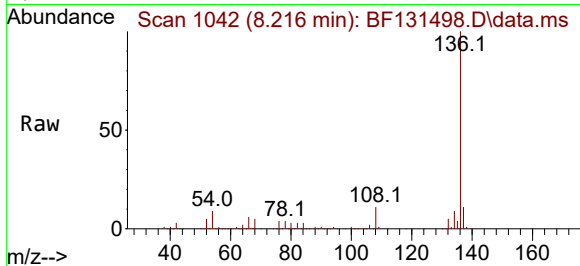


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:136 Resp: 296662

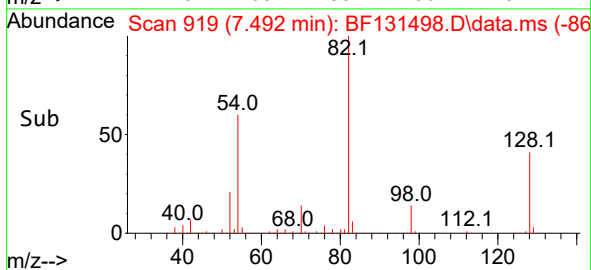
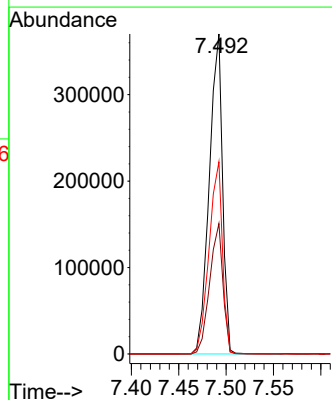
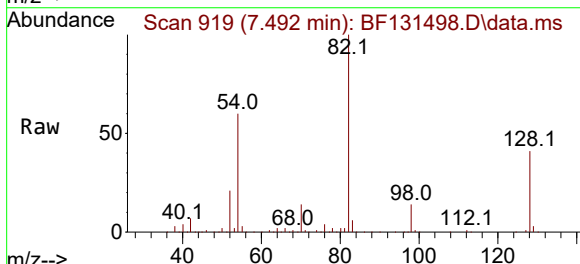
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	8.9	9.4	14.0
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 60.950 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion: 82 Resp: 358697

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.4	47.0
54	60.1	49.8	74.6

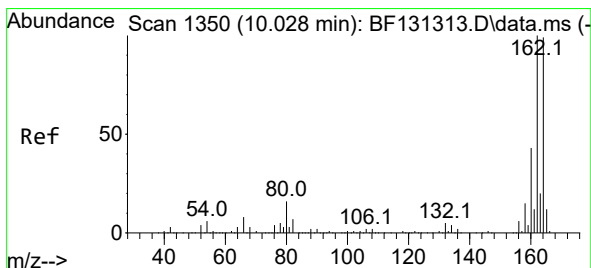
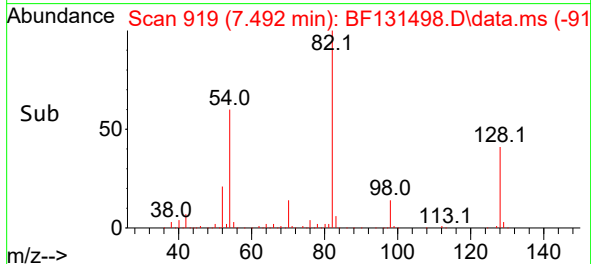
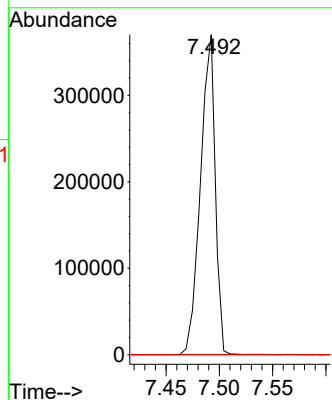
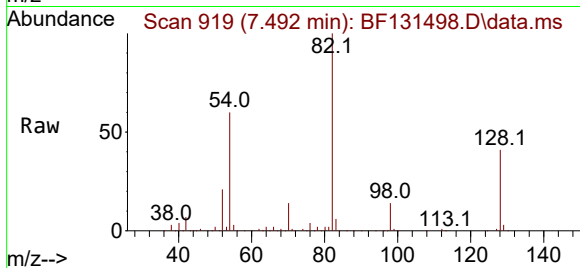




#25
Isophorone
Concen: 34.160 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

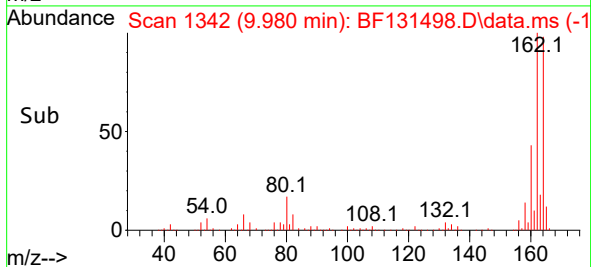
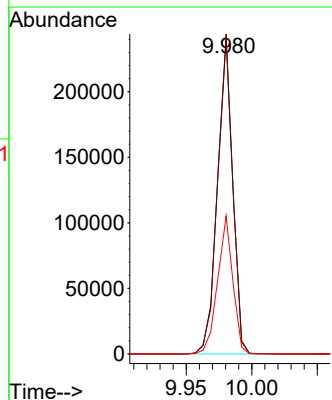
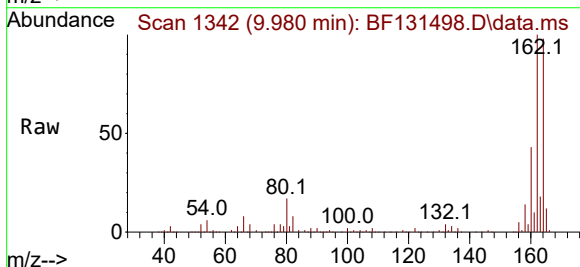
Instrument :
BNA_F
ClientSampleId :
PE-3

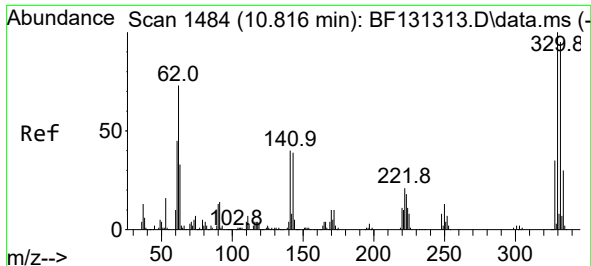
Tgt Ion: 82 Resp: 358663
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:164 Resp: 193333
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 43.9 34.4 51.6

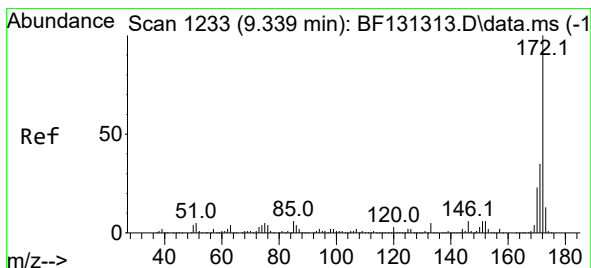
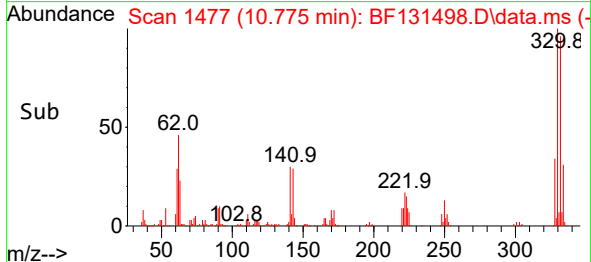
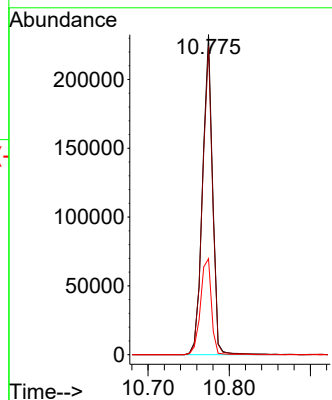
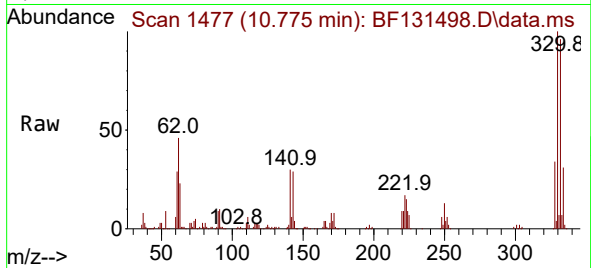




#42
2,4,6-Tribromophenol
Concen: 122.518 ng
RT: 10.775 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

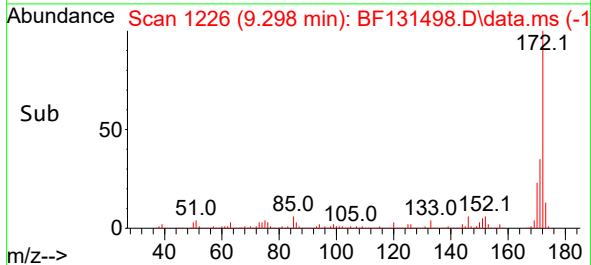
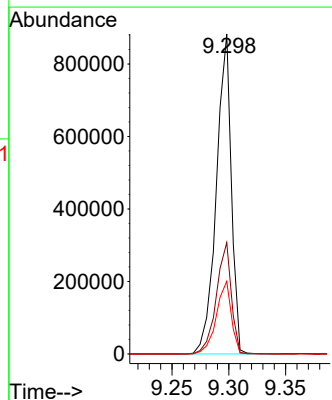
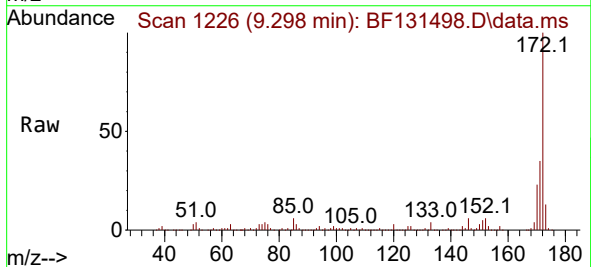
Instrument :
BNA_F
ClientSampleId :
PE-3

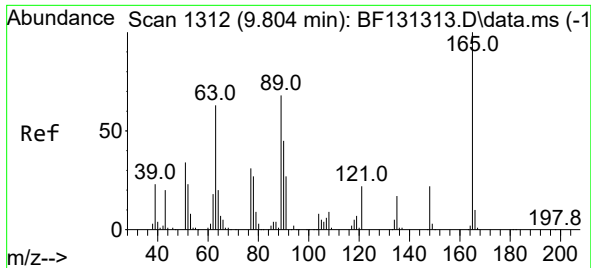
Tgt Ion:330 Resp: 199278
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 32.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 60.824 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:172 Resp: 808298
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.7 18.7 28.1

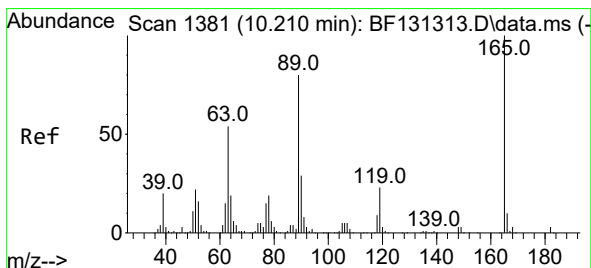
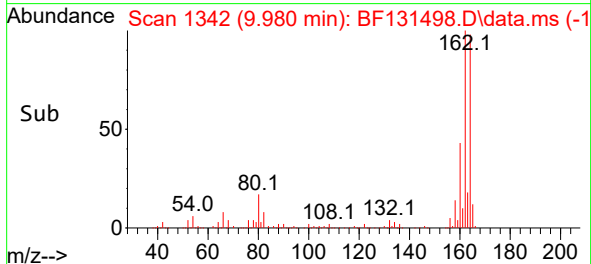
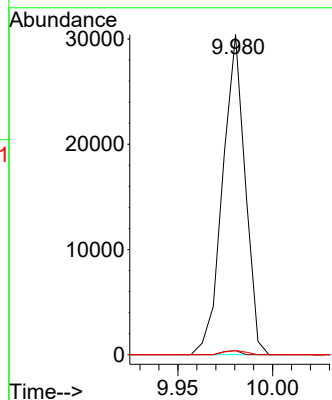
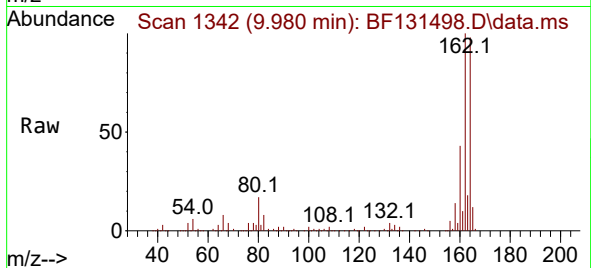




#51
2,6-Dinitrotoluene
Concen: 9.337 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

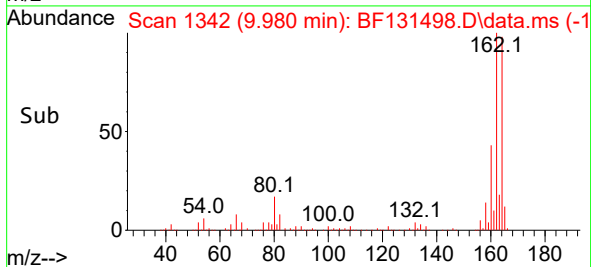
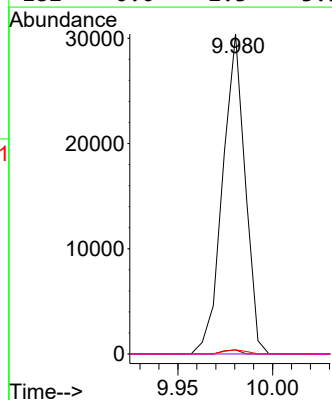
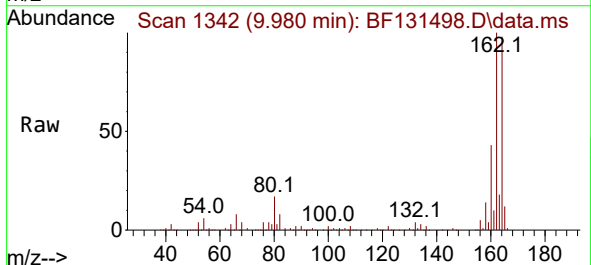
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ClientSampleId :
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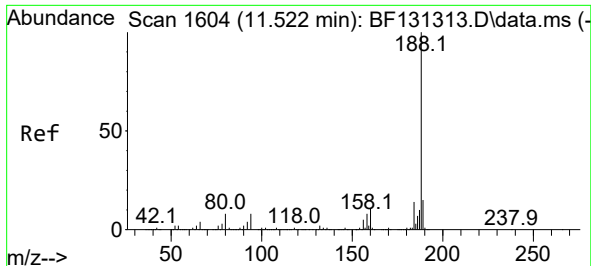
Tgt Ion:165 Resp: 25153
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.421 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:165 Resp: 25153
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#

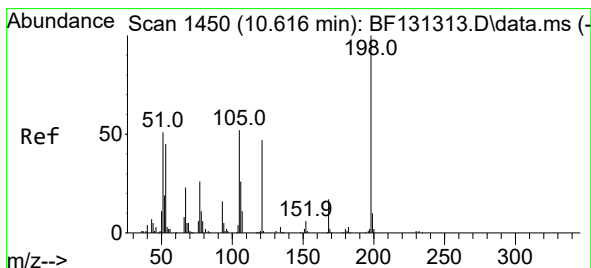
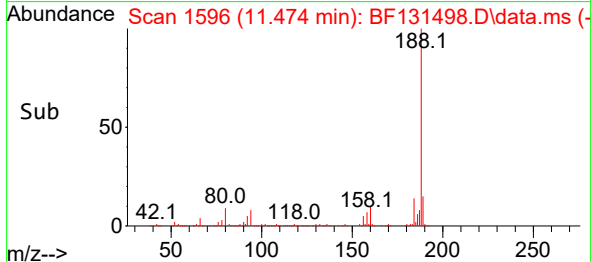
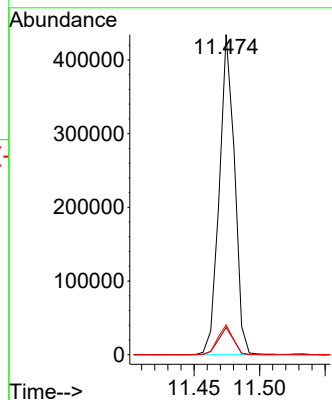
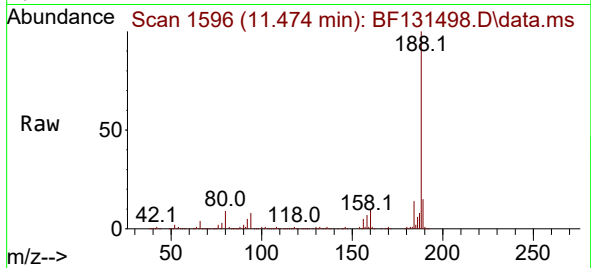




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

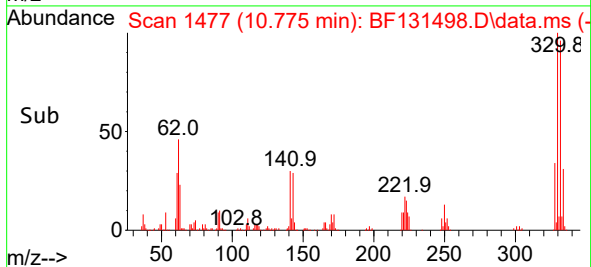
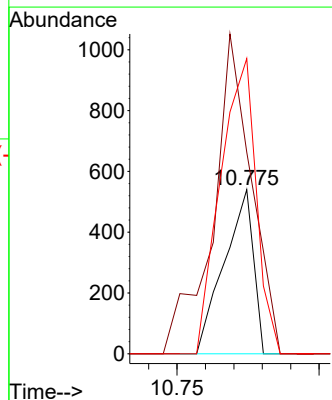
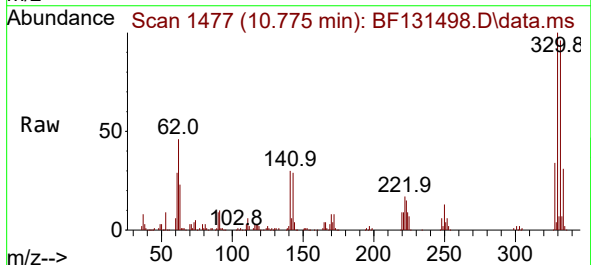
Instrument :
BNA_F
ClientSampleId :
PE-3

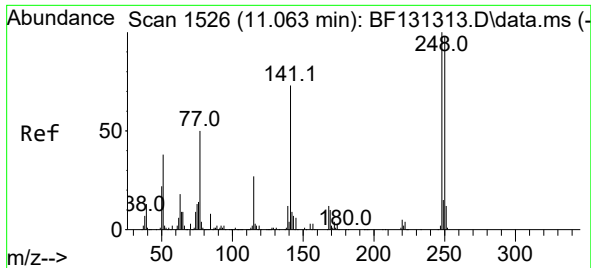
Tgt Ion:188 Resp: 350230
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.3 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.861 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:198 Resp: 386
Ion Ratio Lower Upper
198 100
51 122.8 50.1 90.1#
105 179.8 32.5 72.5#

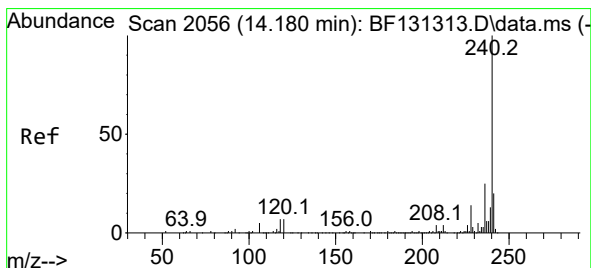
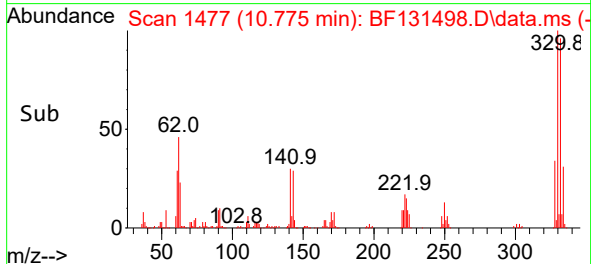
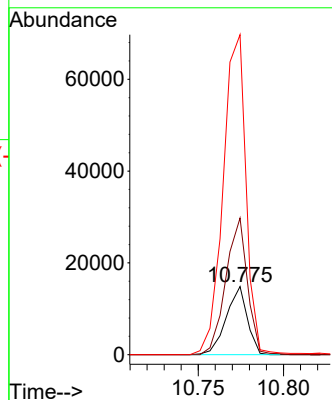
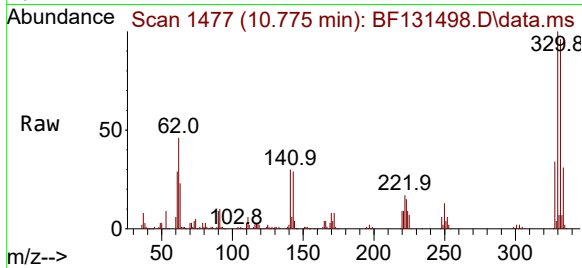




#67
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 10.775 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

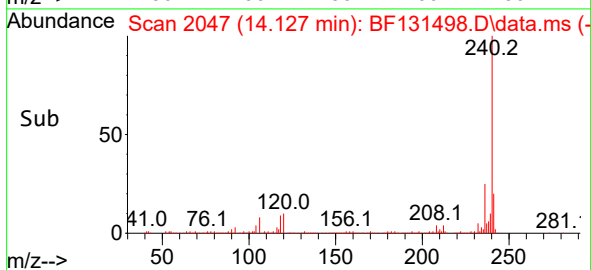
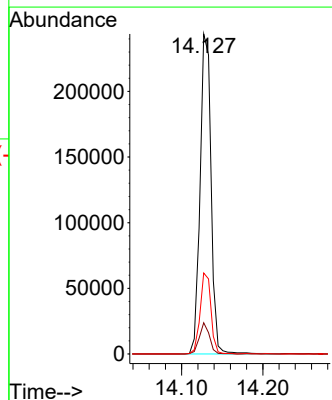
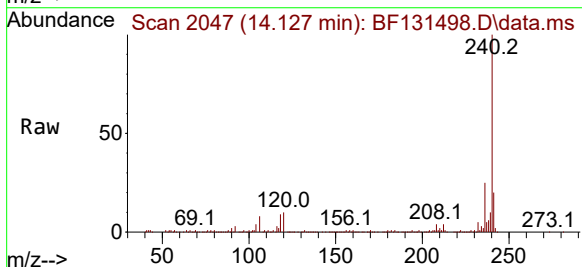
Instrument :
BNA_F
ClientSampleId :
PE-3

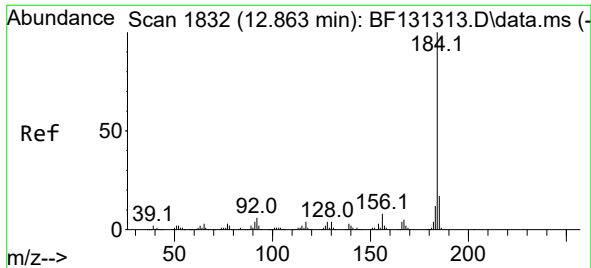
Tgt Ion:248 Resp: 12786
Ion Ratio Lower Upper
248 100
250 200.3 78.3 117.5#
141 469.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:240 Resp: 229813
Ion Ratio Lower Upper
240 100
120 9.8 5.8 8.8#
236 25.3 20.3 30.5





#77

Benzidine

Concen: 2.568 ng

RT: 13.068 min Scan# 1867

Delta R.T. 0.247 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

Instrument :

BNA_F

ClientSampleId :

PE-3

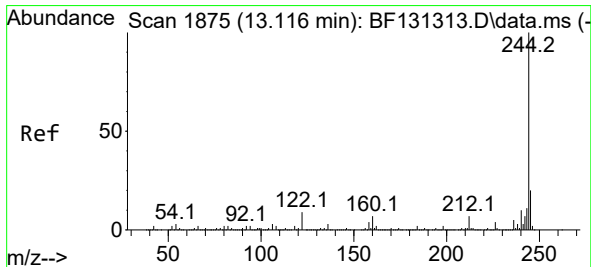
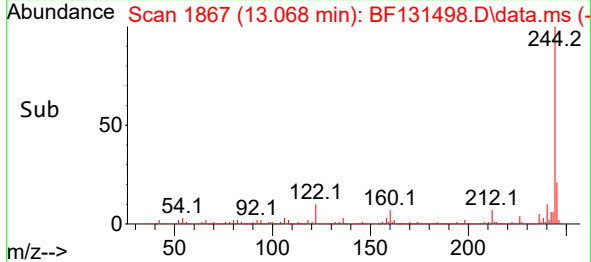
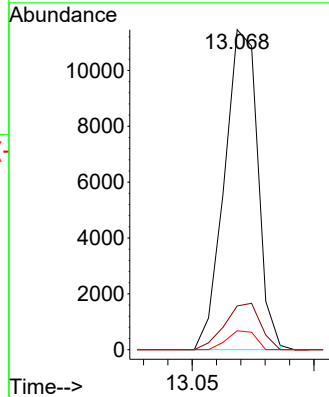
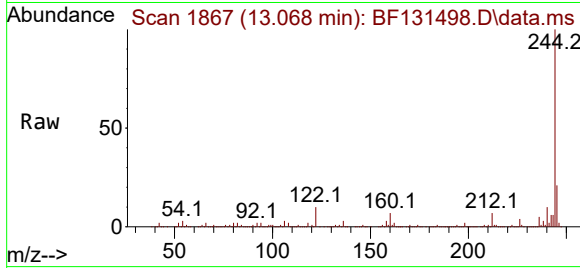
Tgt Ion:184 Resp: 10900

Ion Ratio Lower Upper

184 100

185 13.6 13.8 20.8#

183 5.9 9.6 14.4#



#79

Terphenyl-d14

Concen: 61.033 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

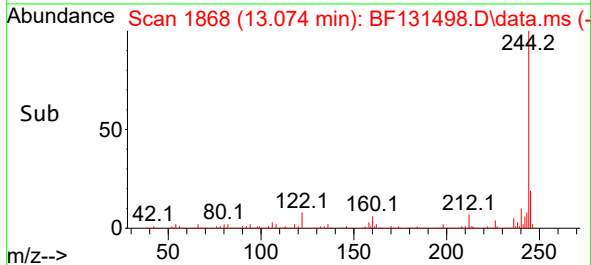
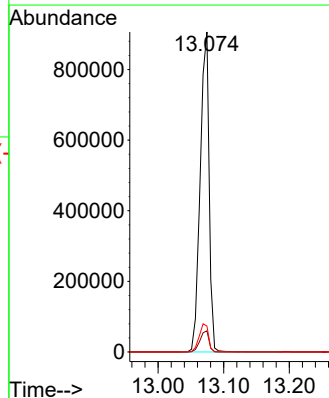
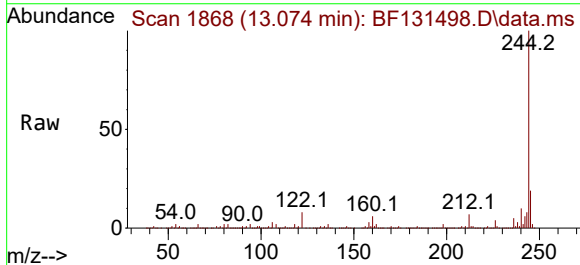
Tgt Ion:244 Resp: 857734

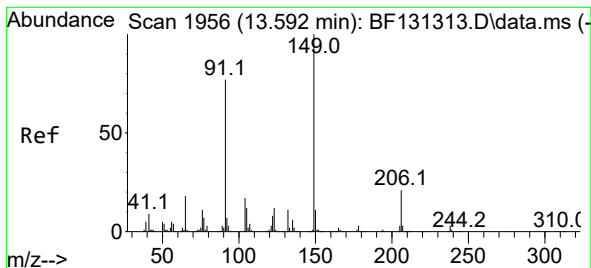
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 8.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.319 ng

RT: 13.545 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

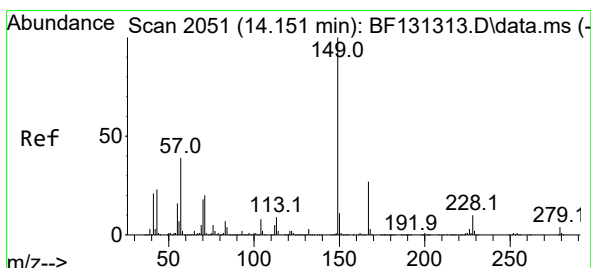
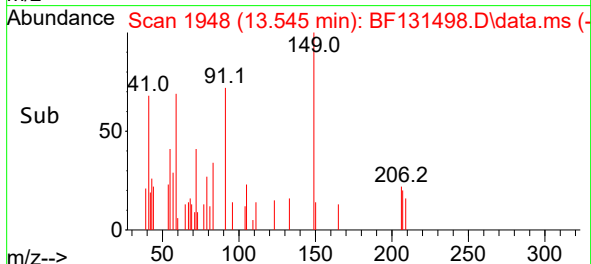
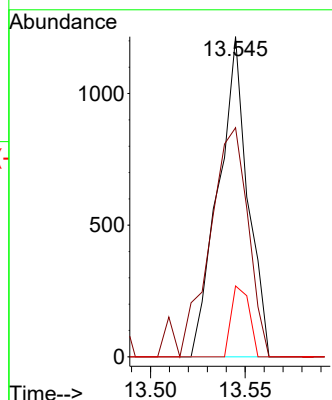
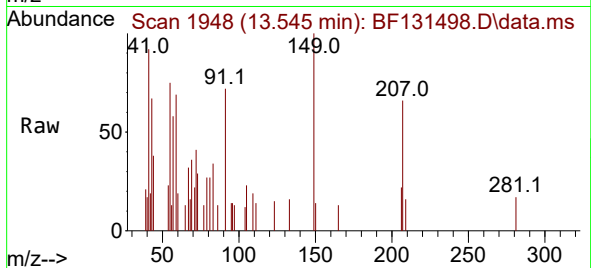
Instrument :

BNA_F

ClientSampleId :

PE-3

Tgt Ion:149	Resp:	1312
Ion	Ratio	Lower Upper
149	100	
91	71.5	61.9 92.9
206	22.1	16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.079 ng

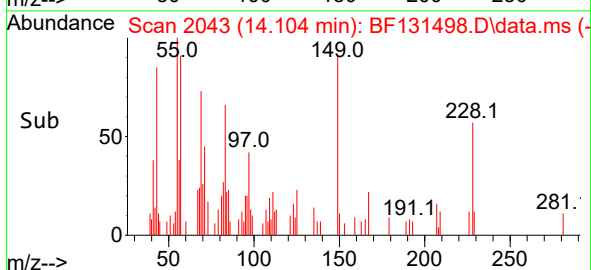
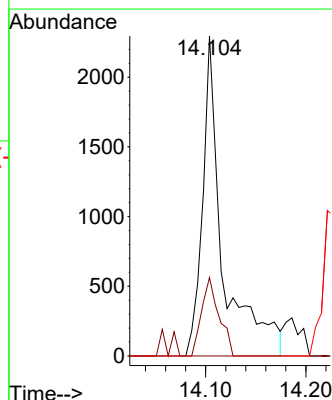
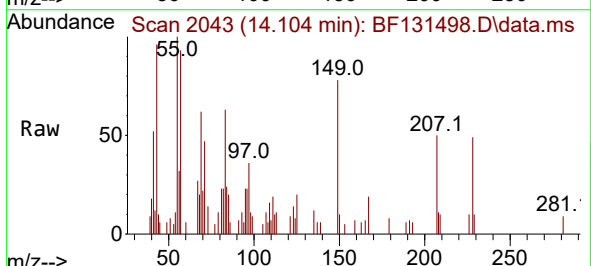
RT: 14.104 min Scan# 2043

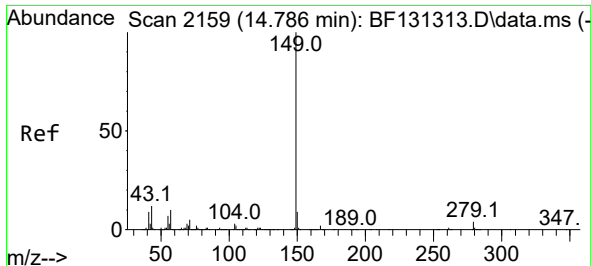
Delta R.T. -0.006 min

Lab File: BF131498.D

Acq: 02 Dec 2022 16:25

Tgt Ion:149	Resp:	3242
Ion	Ratio	Lower Upper
149	100	
167	24.5	21.9 32.9
279	0.0	3.0 4.4#

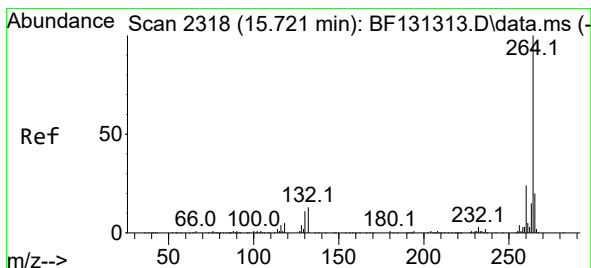
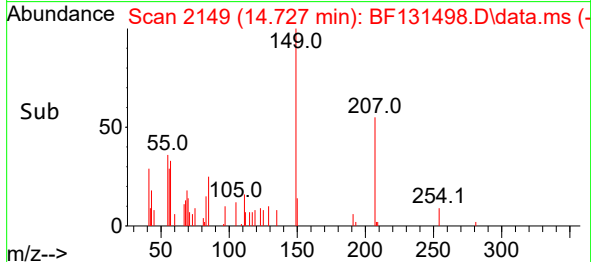
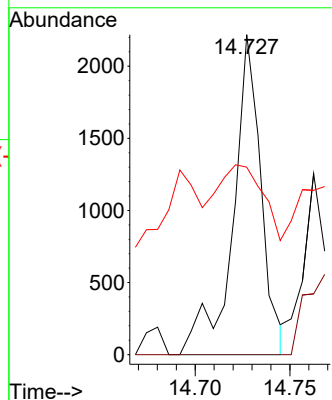
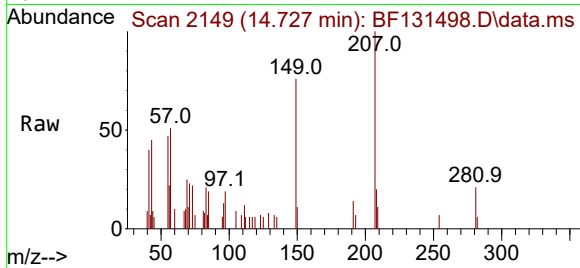




#85
Di-n-octyl phthalate
Concen: 4.105 ng
RT: 14.727 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion:149 Resp: 2282
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 43.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF131498.D
Acq: 02 Dec 2022 16:25

Tgt Ion:264 Resp: 193908
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.7 16.4 24.6

