

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131499.D
 Acq On : 02 Dec 2022 16:57
 Operator : CG\JU
 Sample : N5848-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Dec 05 00:03:23 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)

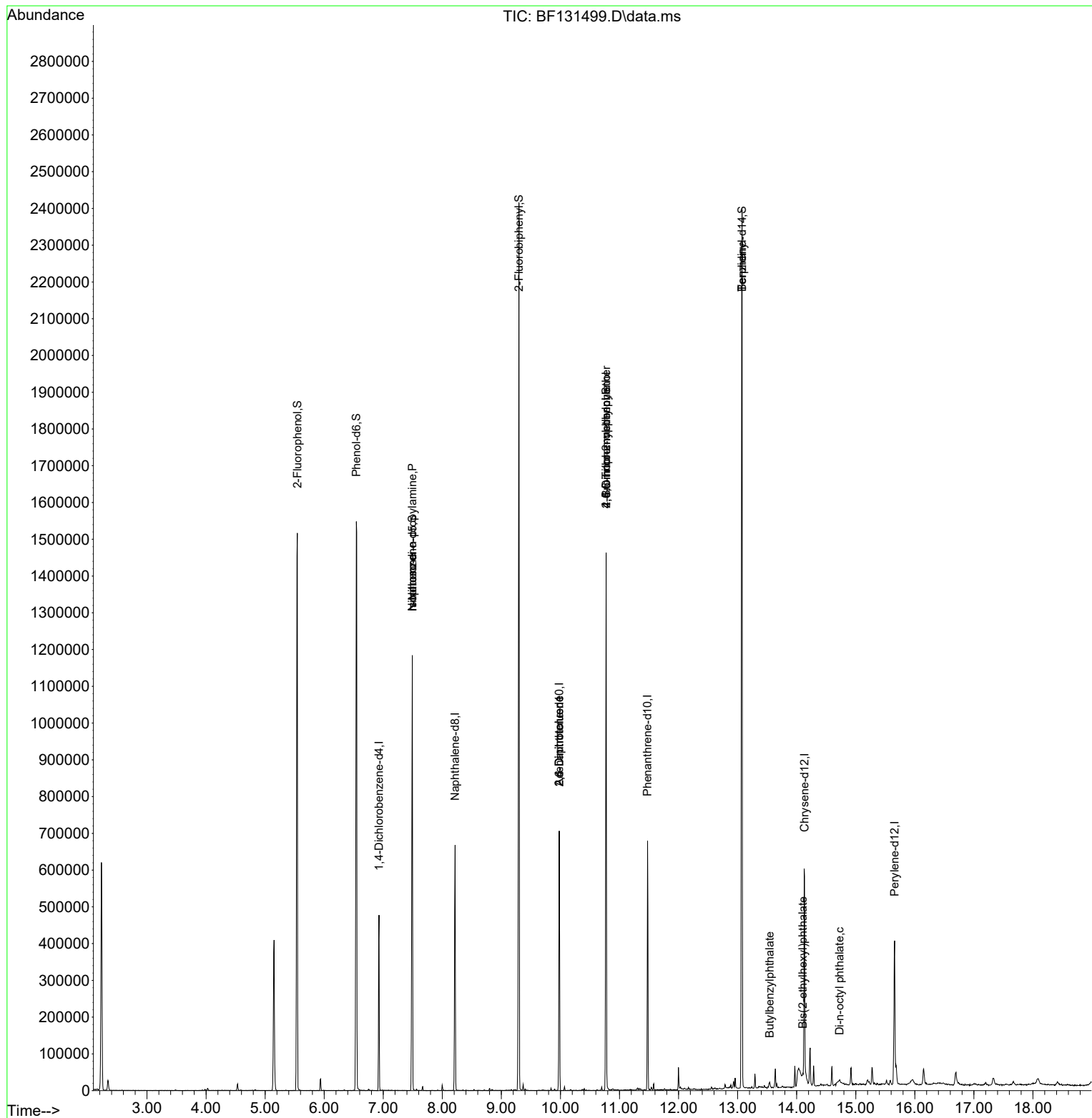
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	68001	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	268894	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	128509	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	231584	20.000	ng	0.00
76) Chrysene-d12	14.133	240	201778	20.000	ng	0.00
86) Perylene-d12	15.656	264	185213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	389194	108.928	ng	0.01
7) Phenol-d6	6.545	99	565426	124.033	ng	-0.01
23) Nitrobenzene-d5	7.492	82	362899	68.031	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	148426	137.285	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	723152	81.866	ng	0.00
79) Terphenyl-d14	13.074	244	900334	72.966	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.545	77	1032	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.492	70	51096	15.311	ng	# 75
25) Isophorone	7.492	82	362891	38.131	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	17612	9.836	ng	# 15
57) 2,4-Dinitrotoluene	9.980	165	17612	7.817	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.774	198	441	5.071	ng	# 20
67) 4-Bromophenyl-phenylether	10.774	248	9874	3.479	ng	# 1
77) Benzidine	13.074	184	11487	3.082	ng	# 93
80) Butylbenzylphthalate	13.545	149	1199	4.326	ng	# 88
84) Bis(2-ethylhexyl)phtha...	14.104	149	3509	4.156	ng	# 98
85) Di-n-octyl phthalate	14.727	149	2752	4.180	ng	# 29

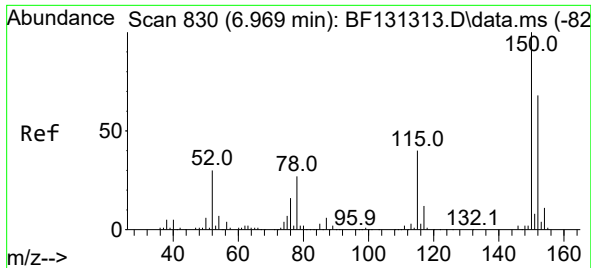
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 00:03:23 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

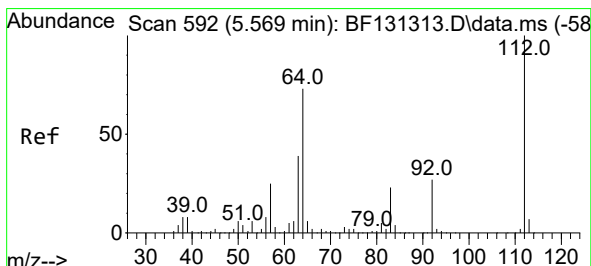
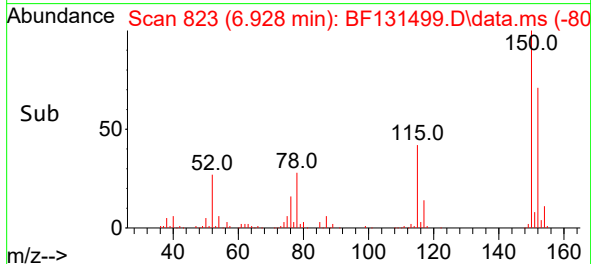
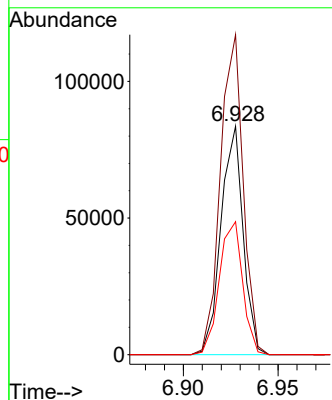
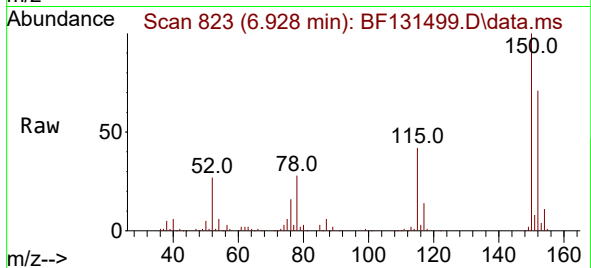




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

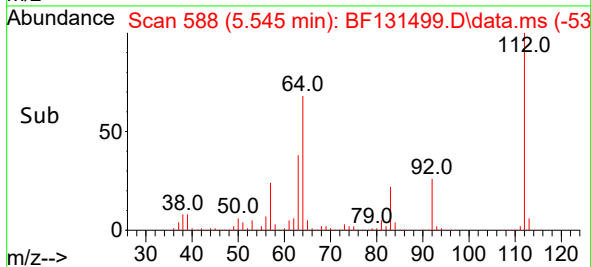
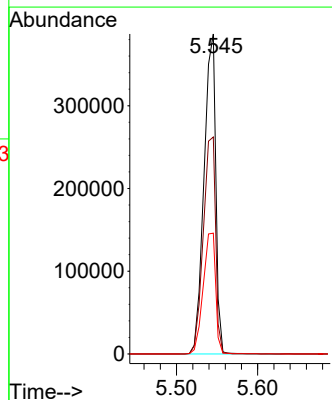
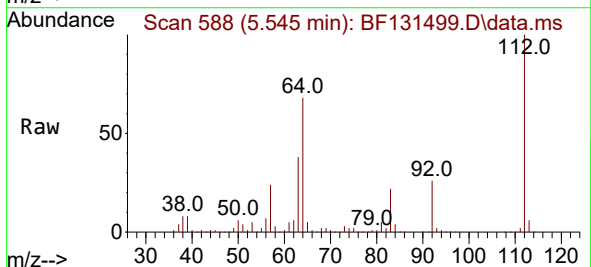
Instrument :
 BNA_F
 ClientSampleId :
 PE-1

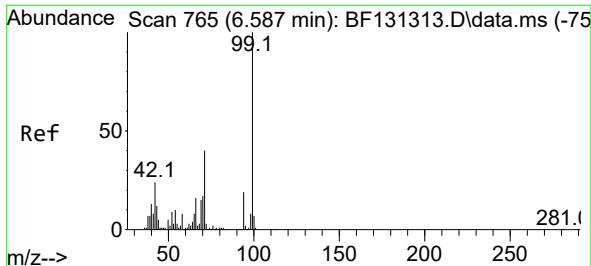
Tgt Ion:152 Resp: 68001
 Ion Ratio Lower Upper
 152 100
 150 140.0 117.8 176.8
 115 58.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 108.928 ng
 RT: 5.545 min Scan# 588
 Delta R.T. 0.012 min
 Lab File: BF131499.D
 Acq: 02 Dec 2022 16:57

Tgt Ion:112 Resp: 389194
 Ion Ratio Lower Upper
 112 100
 64 67.8 58.6 88.0
 63 37.8 31.4 47.0

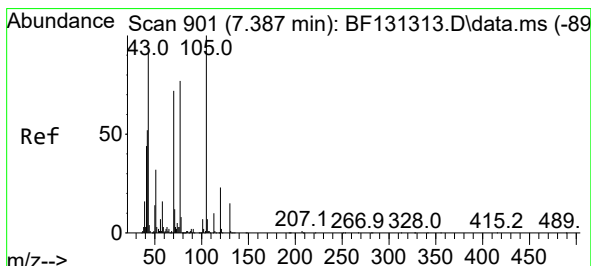
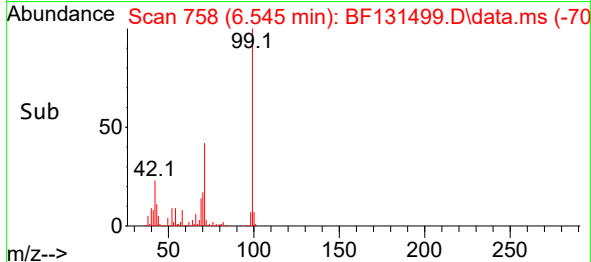
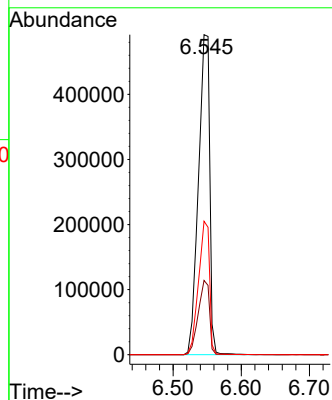
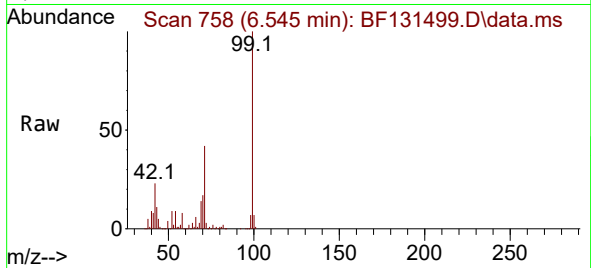




#7
Phenol-d6
Concen: 124.033 ng
RT: 6.545 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

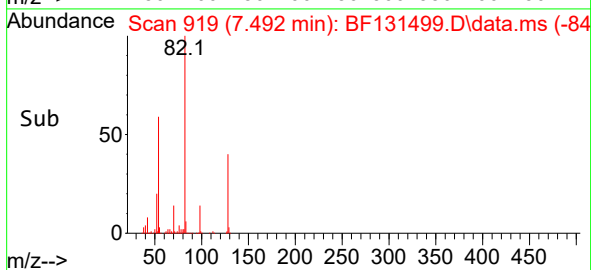
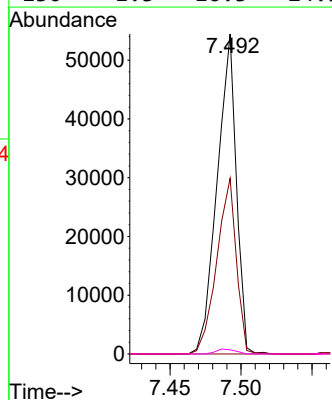
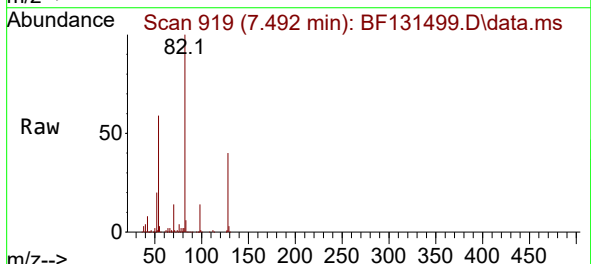
Instrument :
BNA_F
ClientSampleId :
PE-1

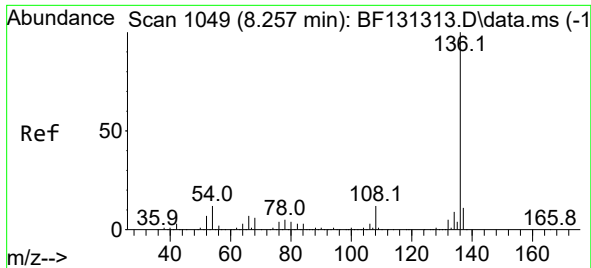
Tgt Ion:	99	Resp:	565426
Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.4	29.2
71	41.7	32.3	48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.311 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.147 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:	70	Resp:	51096
Ion	Ratio	Lower	Upper
70	100		
42	54.9	57.6	86.4#
101	0.0	8.2	12.2#
130	1.3	16.3	24.5#



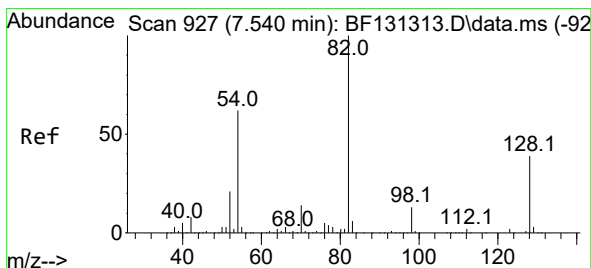
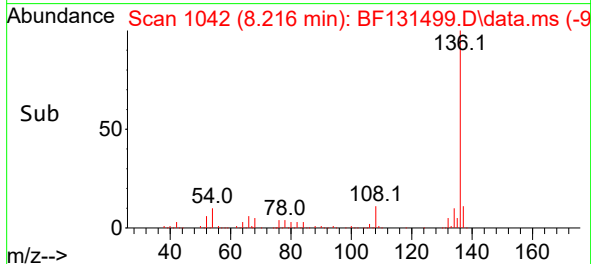
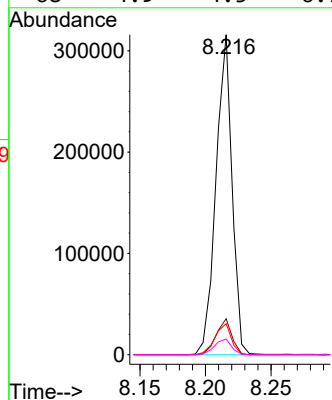
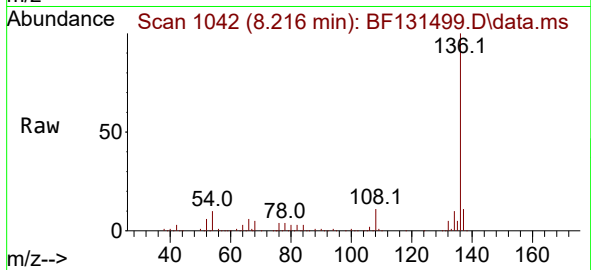


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Instrument :
BNA_F
ClientSampleId :
PE-1

Tgt Ion:136 Resp: 268894

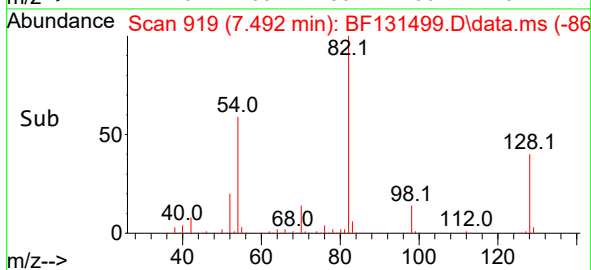
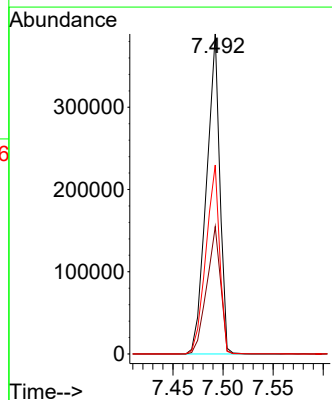
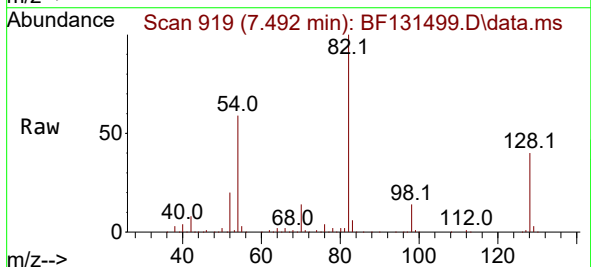
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	9.4	14.0
68	4.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 68.031 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion: 82 Resp: 362899

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.4	47.0
54	59.0	49.8	74.6

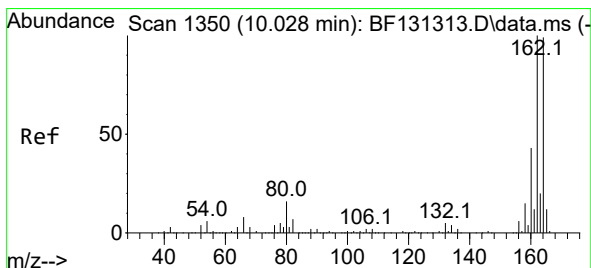
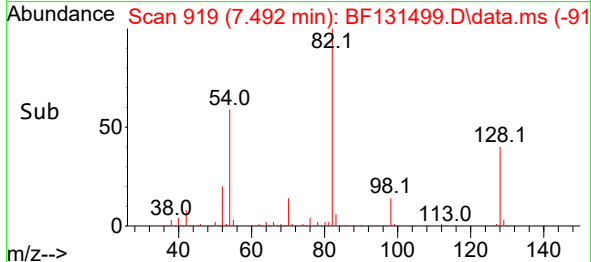
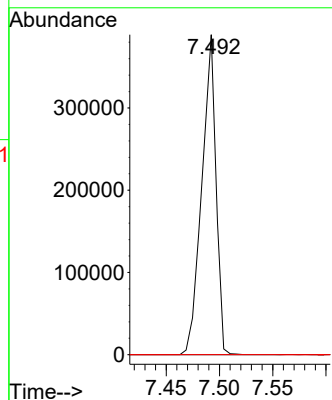
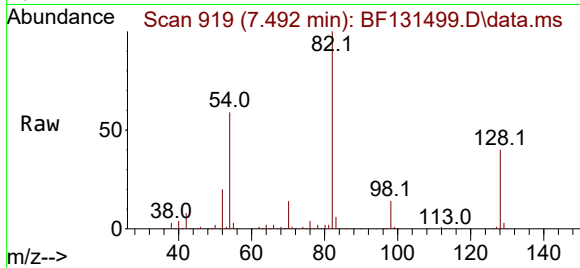




#25
Isophorone
Concen: 38.131 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

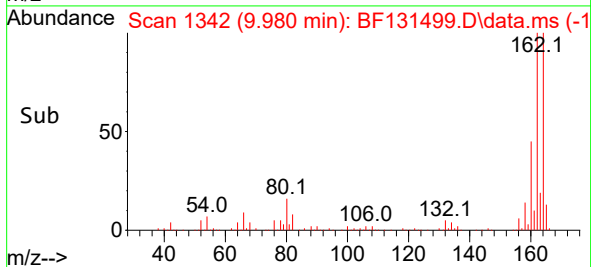
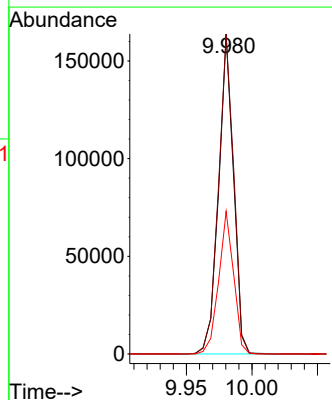
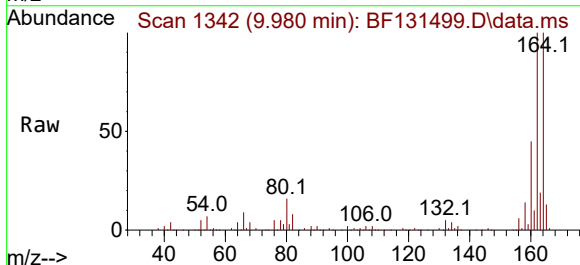
Instrument :
BNA_F
ClientSampleId :
PE-1

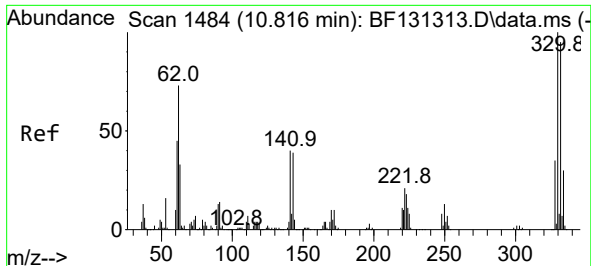
Tgt Ion: 82 Resp: 362891
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:164 Resp: 128509
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 137.285 ng

RT: 10.774 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

Instrument :

BNA_F

ClientSampleId :

PE-1

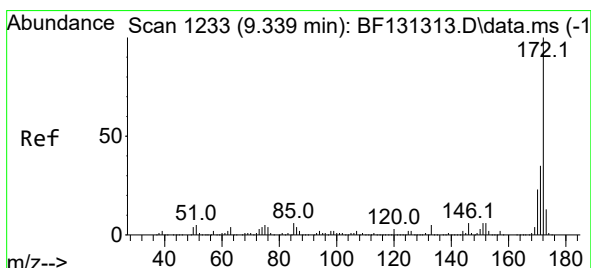
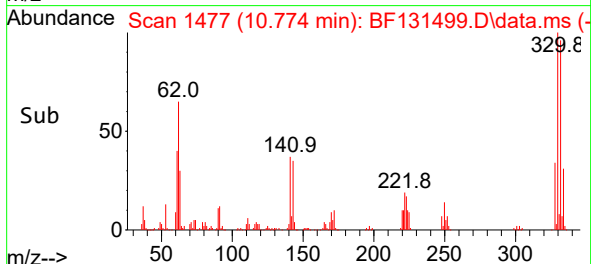
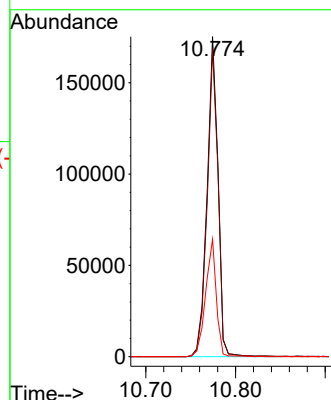
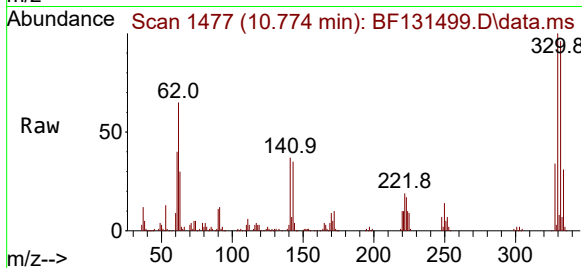
Tgt Ion:330 Resp: 148426

Ion Ratio Lower Upper

330 100

332 95.4 77.5 116.3

141 36.0 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 81.866 ng

RT: 9.298 min Scan# 1226

Delta R.T. -0.006 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

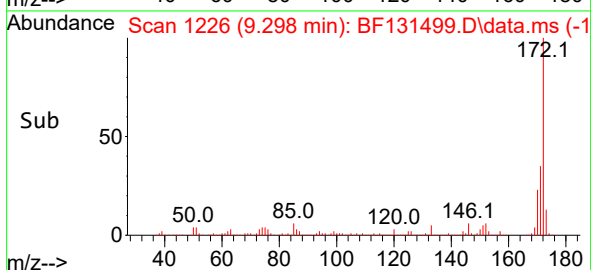
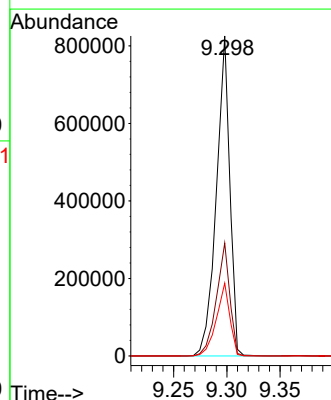
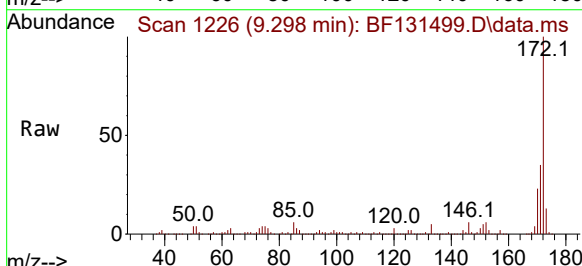
Tgt Ion:172 Resp: 723152

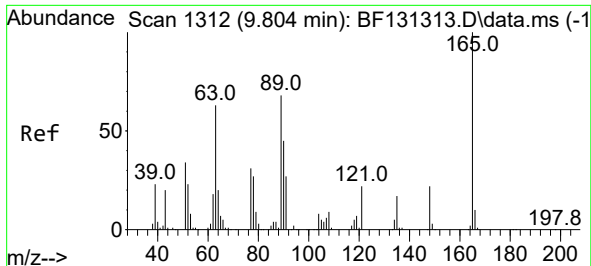
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 22.8 18.7 28.1

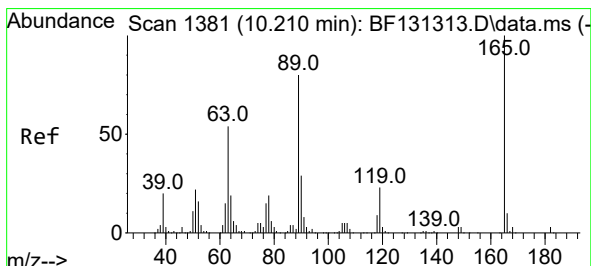
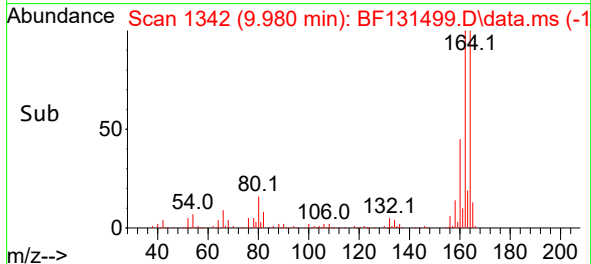
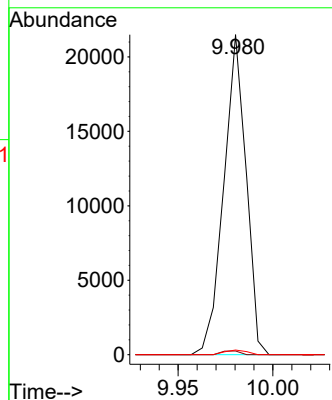
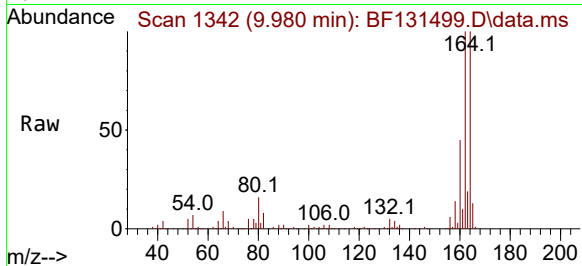




#51
2,6-Dinitrotoluene
Concen: 9.836 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.212 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

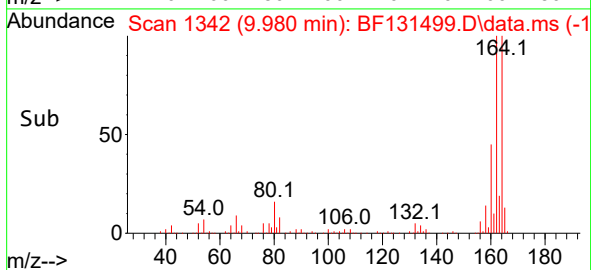
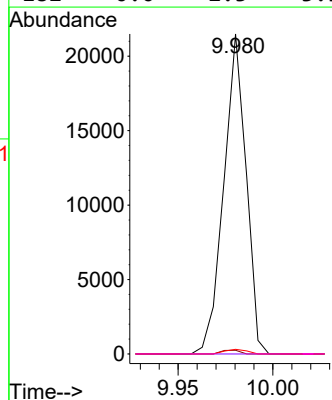
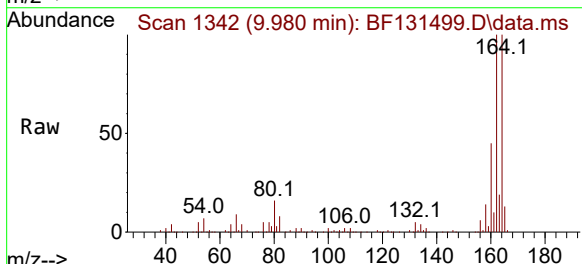
Instrument :
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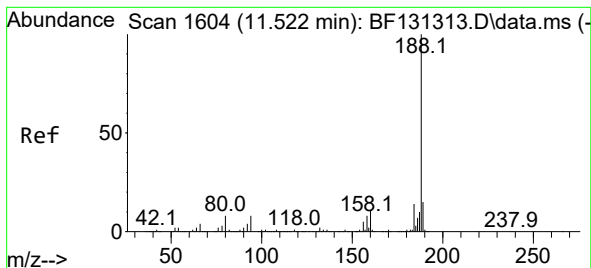
Tgt Ion:165 Resp: 17612
Ion Ratio Lower Upper
165 100
63 1.2 62.0 93.0#
89 1.5 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.817 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.194 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:165 Resp: 17612
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.2#
89 1.5 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: BF131499.D

Acq: 02 Dec 2022 16:57

Instrument :

BNA_F

ClientSampleId :

PE-1

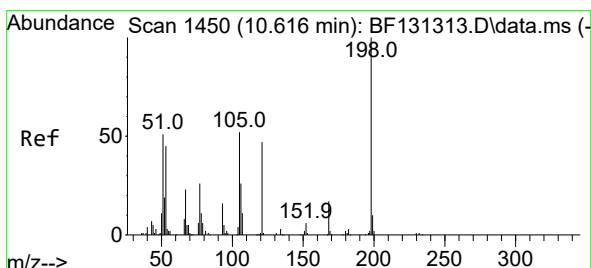
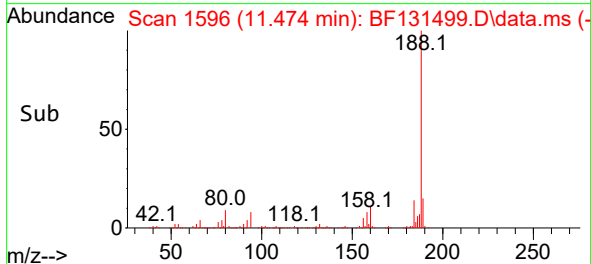
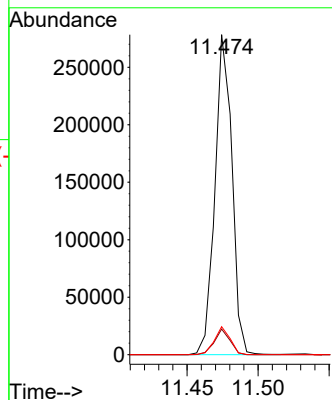
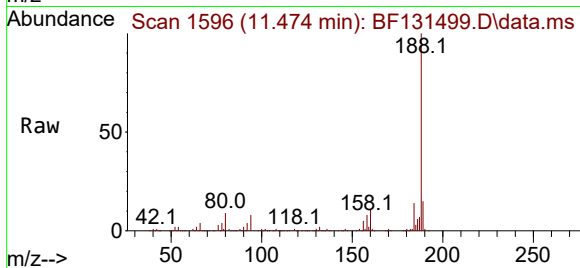
Tgt Ion:188 Resp: 231584

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 8.8 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.071 ng

RT: 10.774 min Scan# 1477

Delta R.T. 0.194 min

Lab File: BF131499.D

Acq: 02 Dec 2022 16:57

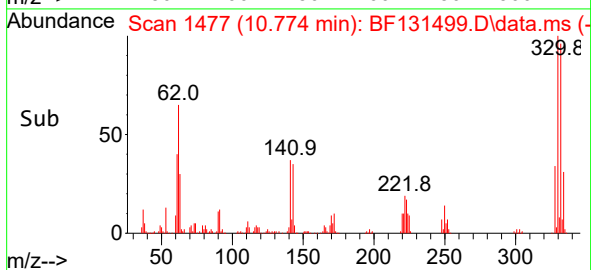
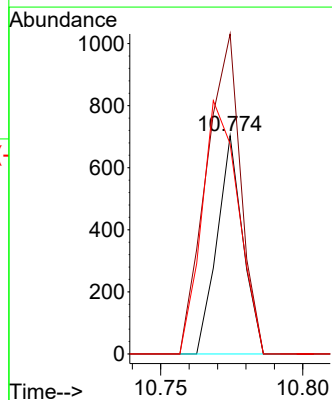
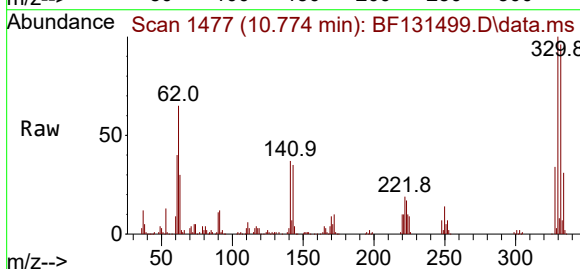
Tgt Ion:198 Resp: 441

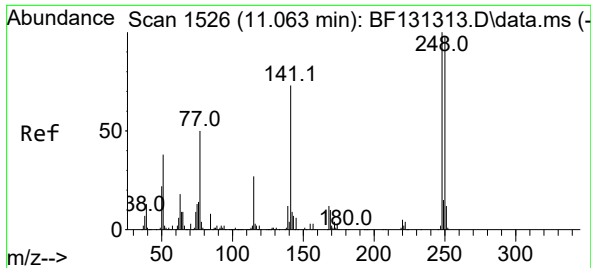
Ion Ratio Lower Upper

198 100

51 146.7 50.1 90.1#

105 96.3 32.5 72.5#

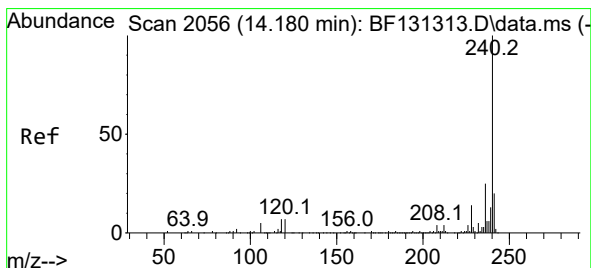
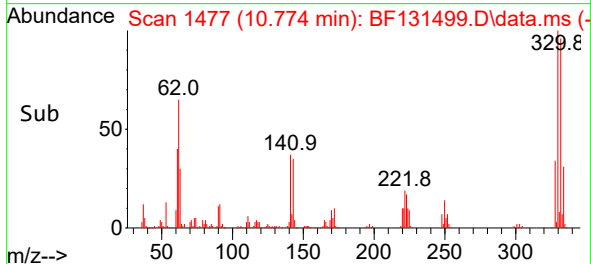
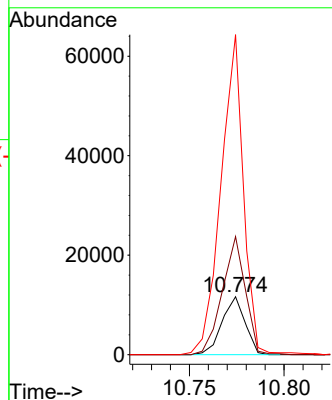
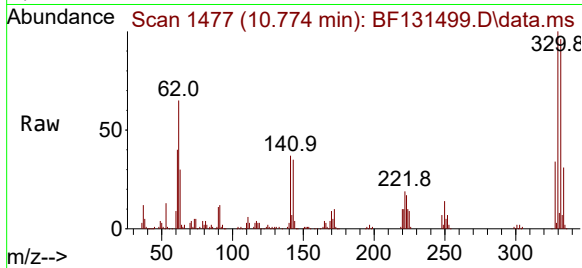




#67
4-Bromophenyl-phenylether
Concen: 3.479 ng
RT: 10.774 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

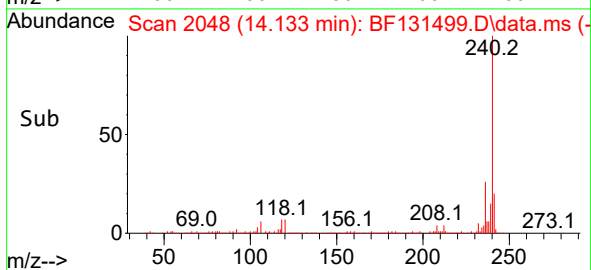
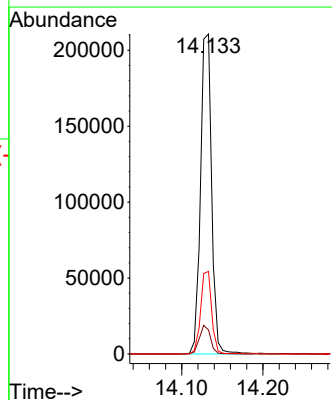
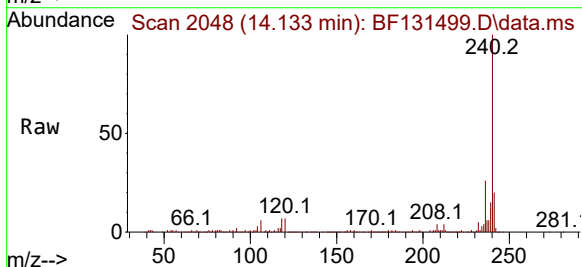
Instrument :
BNA_F
ClientSampleId :
PE-1

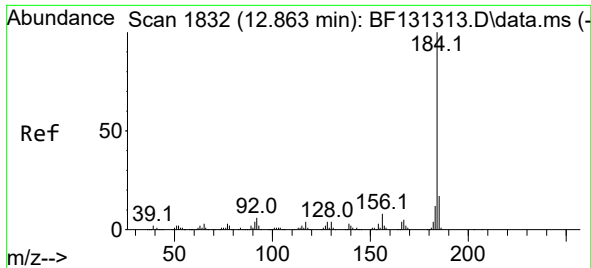
Tgt Ion:248 Resp: 9874
Ion Ratio Lower Upper
248 100
250 203.8 78.3 117.5#
141 552.6 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:240 Resp: 201778
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.8 20.3 30.5

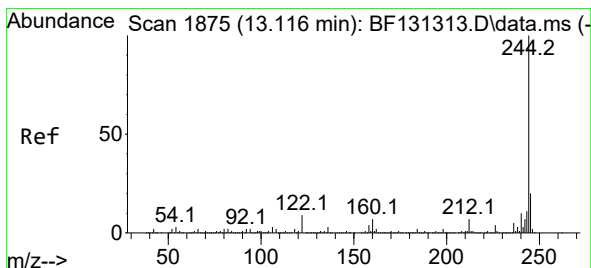
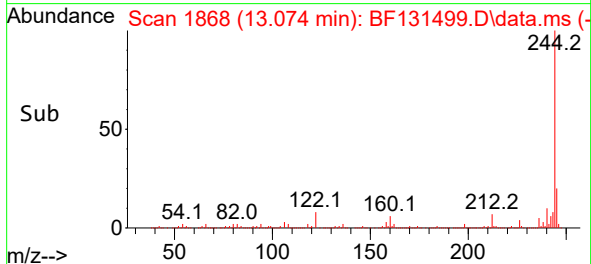
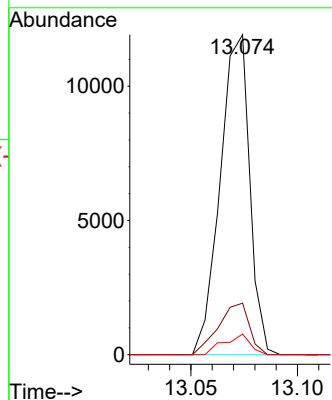
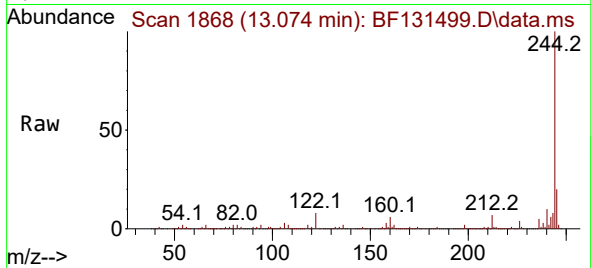




#77
Benzidine
Concen: 3.082 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

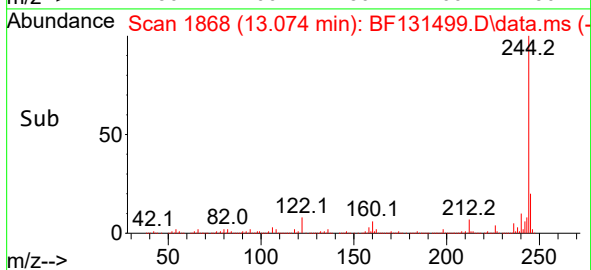
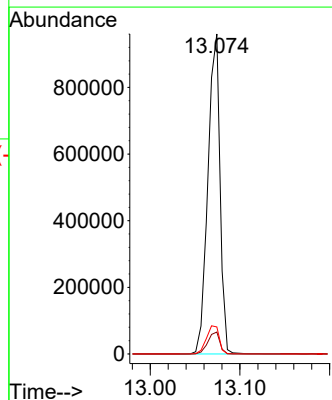
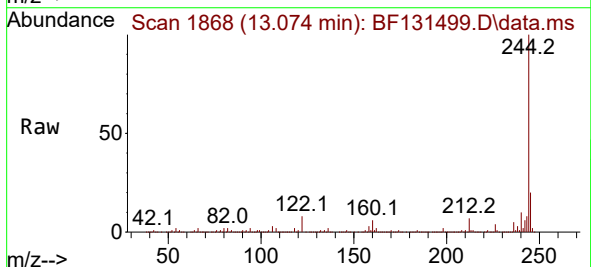
Instrument :
BNA_F
ClientSampleId :
PE-1

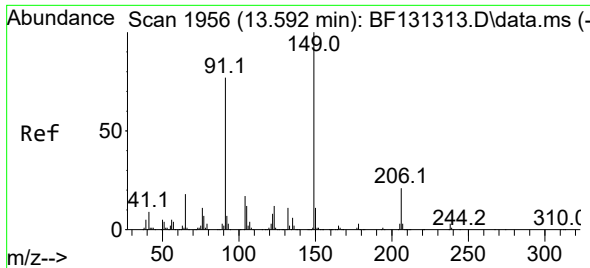
Tgt Ion:184 Resp: 11487
Ion Ratio Lower Upper
184 100
185 16.1 13.8 20.8
183 6.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 72.966 ng
RT: 13.074 min Scan# 1868
Delta R.T. -0.000 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:244 Resp: 900334
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.4 7.5 11.3

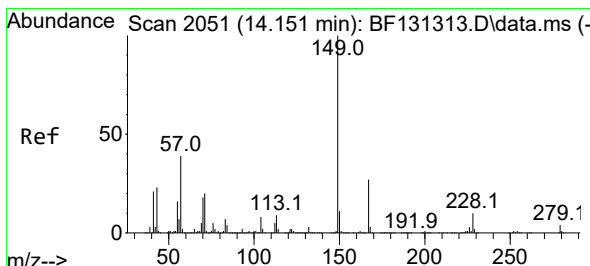
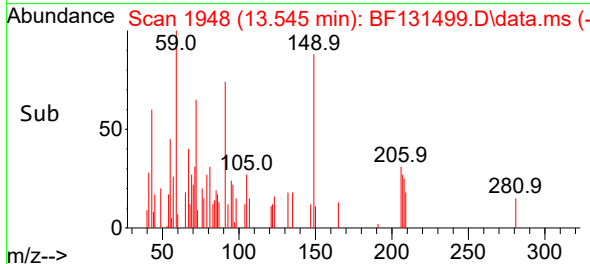
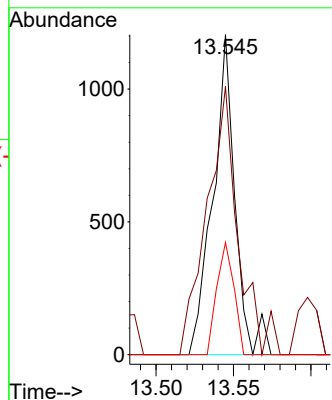
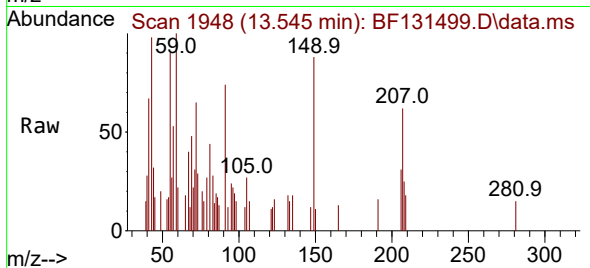




#80
Butylbenzylphthalate
Concen: 4.326 ng
RT: 13.545 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

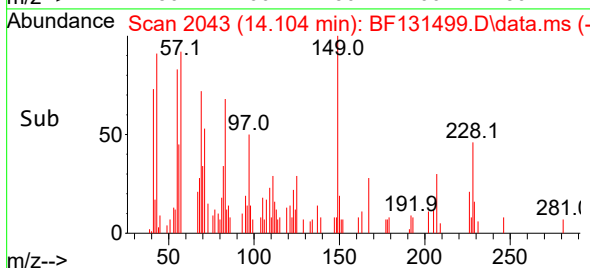
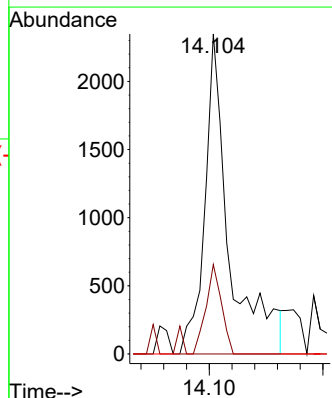
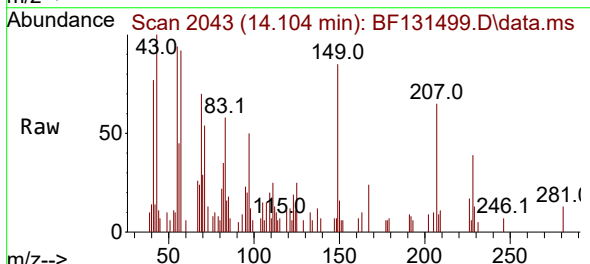
Instrument :
BNA_F
ClientSampleId :
PE-1

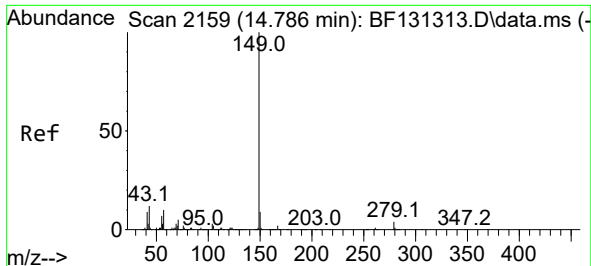
Tgt Ion:149 Resp: 1199
Ion Ratio Lower Upper
149 100
91 83.8 61.9 92.9
206 35.1 16.5 24.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.156 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:149 Resp: 3509
Ion Ratio Lower Upper
149 100
167 28.0 21.9 32.9
279 0.0 3.0 4.4#

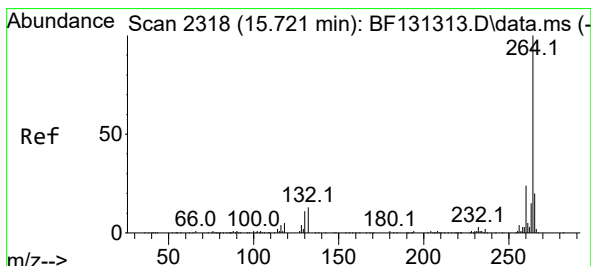
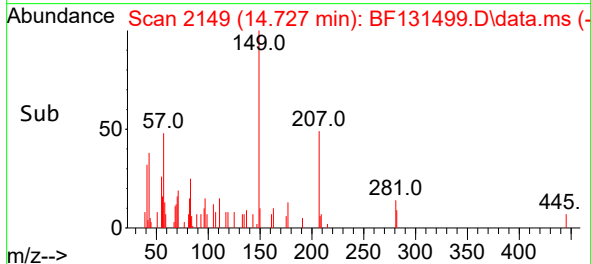
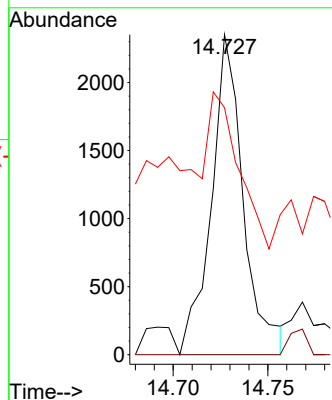
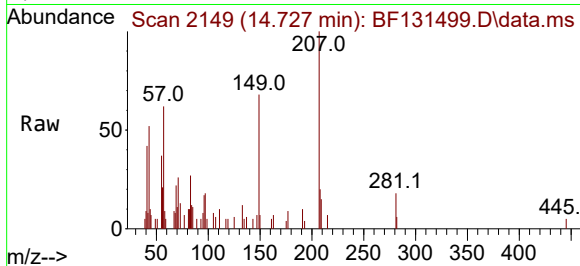




#85
Di-n-octyl phthalate
Concen: 4.180 ng
RT: 14.727 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Instrument :
BNA_F
ClientSampleId :
PE-1

Tgt Ion:149 Resp: 2752
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 45.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2307
Delta R.T. -0.006 min
Lab File: BF131499.D
Acq: 02 Dec 2022 16:57

Tgt Ion:264 Resp: 185213
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.5 16.4 24.6

