

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
 Data File : BF131494.D
 Acq On : 02 Dec 2022 11:27
 Operator : CG\JU
 Sample : PB149361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149361BL

Quant Time: Dec 05 00:02:21 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

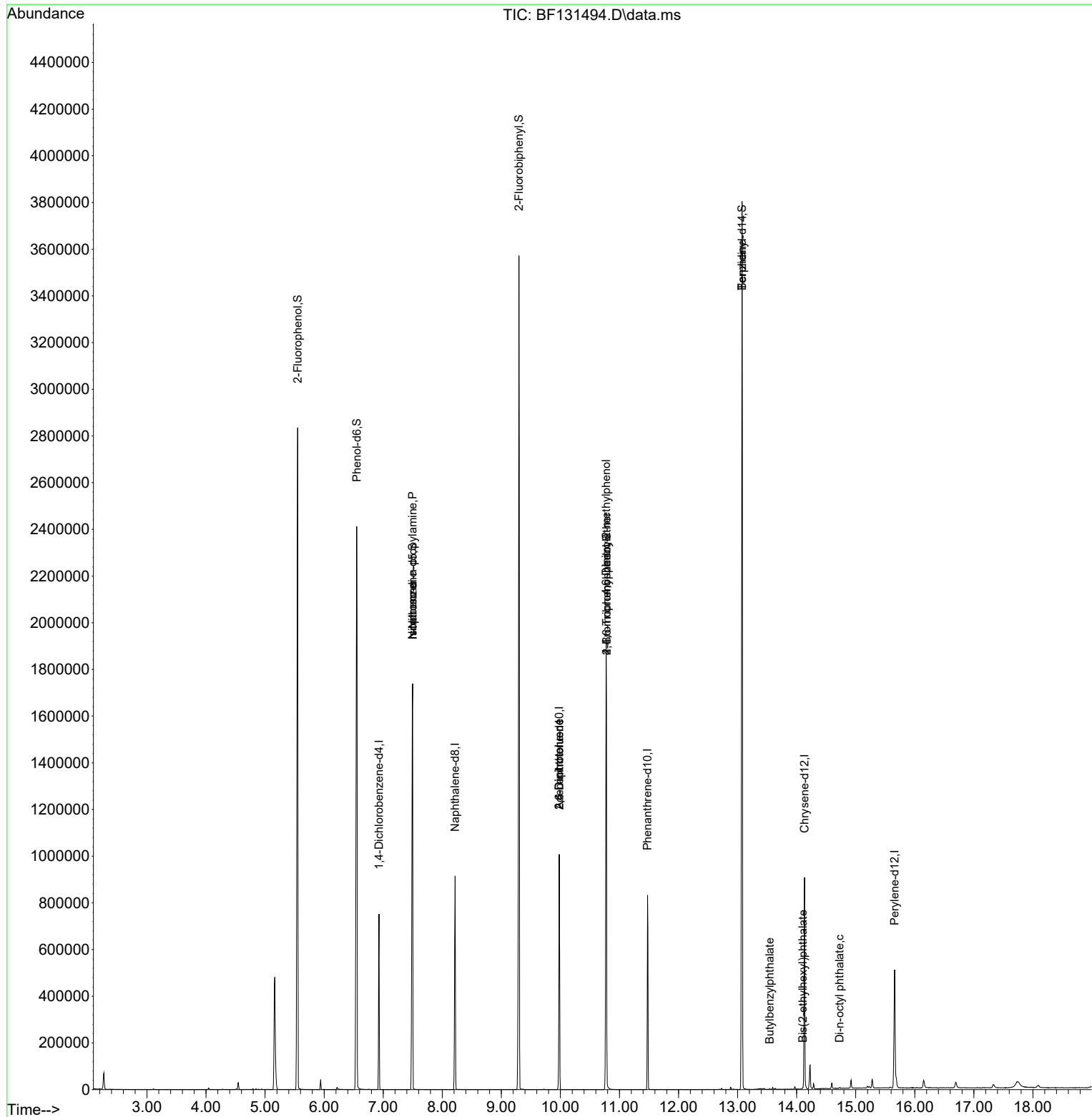
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	104014	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	387298	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	185442	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	296377	20.000	ng	0.00
76) Chrysene-d12	14.133	240	313344	20.000	ng	0.00
86) Perylene-d12	15.657	264	253330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	796116	145.671	ng	0.02
7) Phenol-d6	6.551	99	1014537	145.497	ng	0.00
23) Nitrobenzene-d5	7.498	82	656561	85.454	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	251615	161.277	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1231178	96.588	ng	0.00
79) Terphenyl-d14	13.074	244	1501483	78.359	ng	0.00
Target Compounds						
9) Benzaldehyde	6.551	77	1620	Below Cal		Qvalue # 4
19) n-Nitroso-di-n-propyla...	7.498	70	89801	17.592	ng	# 70
25) Isophorone	7.498	82	655376	47.812	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	24325	9.414	ng	# 14
57) 2,4-Dinitrotoluene	9.981	165	24325	7.482	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.775	198	513	5.026	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	16557	4.558	ng	# 1
77) Benzidine	13.074	184	18016	3.113	ng	# 93
80) Butylbenzylphthalate	13.545	149	586	4.201	ng	# 62
84) Bis(2-ethylhexyl)phtha...	14.104	149	1693	3.875	ng	# 97
85) Di-n-octyl phthalate	14.727	149	2658	4.075	ng	# 82

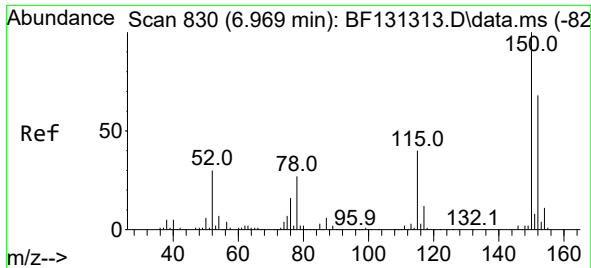
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120222\
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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

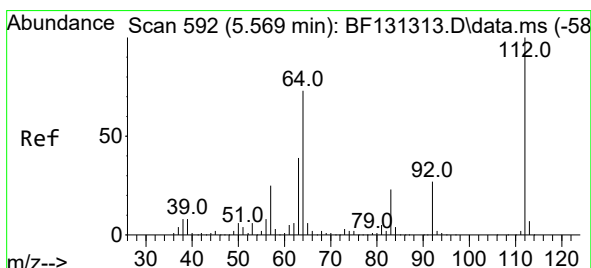
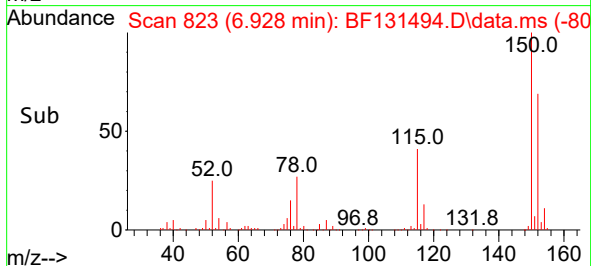
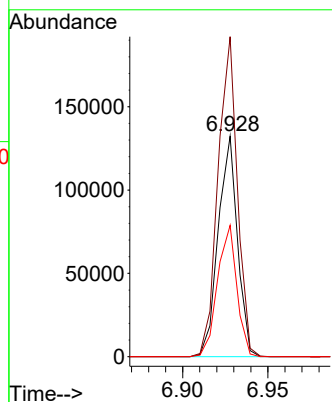
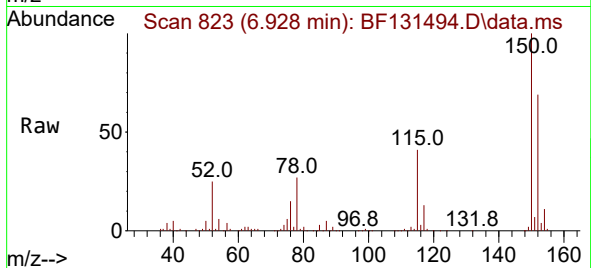




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

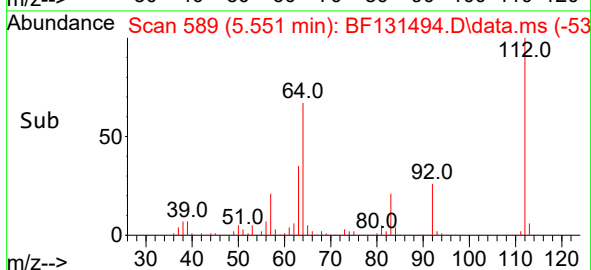
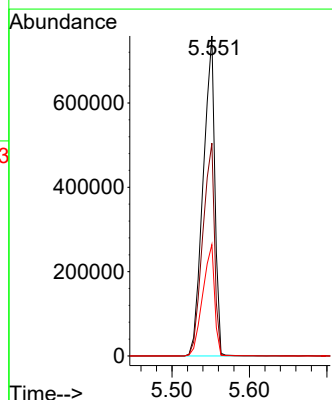
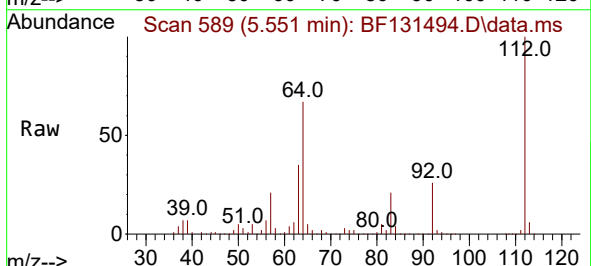
Instrument :
BNA_F
ClientSampleId :
PB149361BL

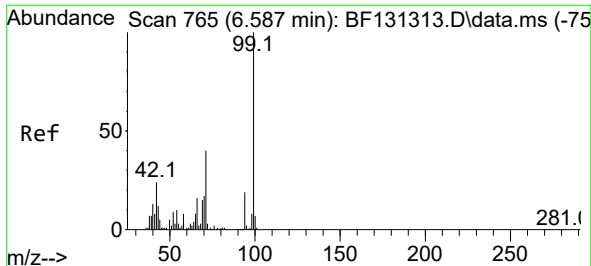
Tgt Ion:152 Resp: 104014
Ion Ratio Lower Upper
152 100
150 145.1 117.8 176.8
115 59.6 47.1 70.7



#5
2-Fluorophenol
Concen: 145.671 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.018 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:112 Resp: 796116
Ion Ratio Lower Upper
112 100
64 66.5 58.6 88.0
63 34.8 31.4 47.0

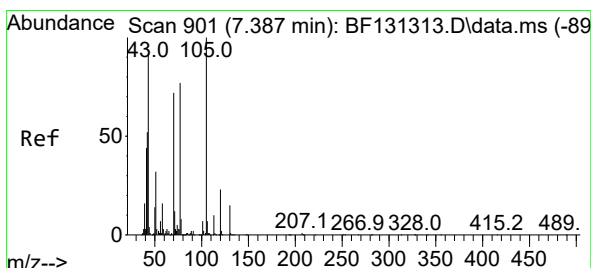
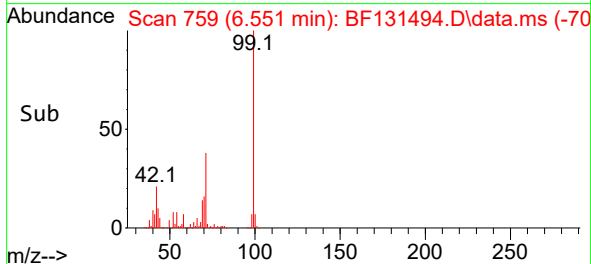
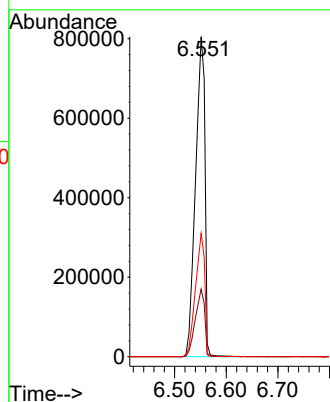
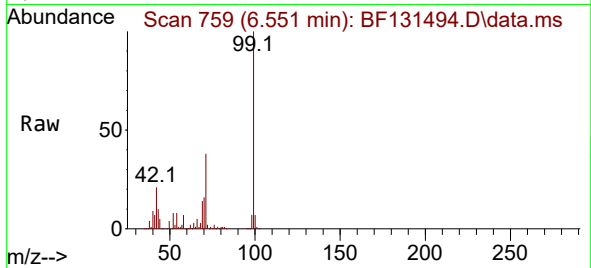




#7
Phenol-d6
Concen: 145.497 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

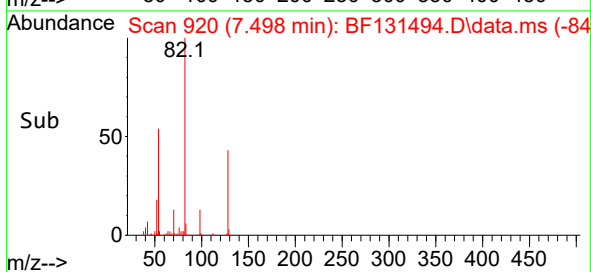
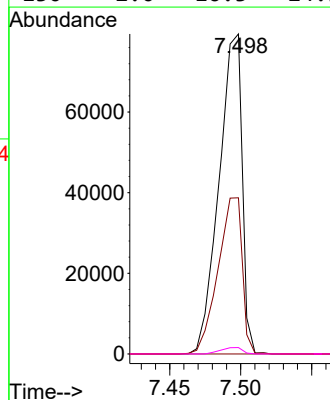
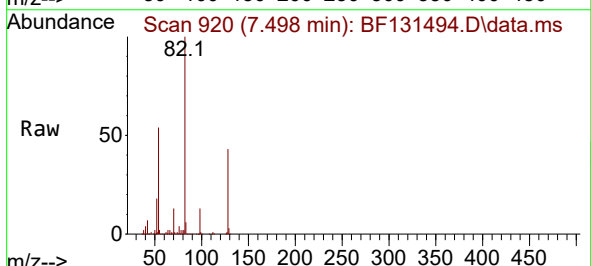
Instrument :
BNA_F
ClientSampleId :
PB149361BL

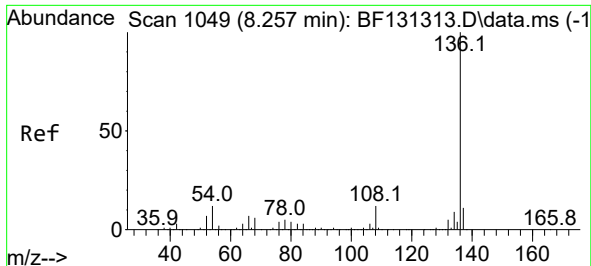
Tgt Ion: 99 Resp: 1014537
Ion Ratio Lower Upper
99 100
42 21.2 19.4 29.2
71 38.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.592 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.153 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion: 70 Resp: 89801
Ion Ratio Lower Upper
70 100
42 48.8 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

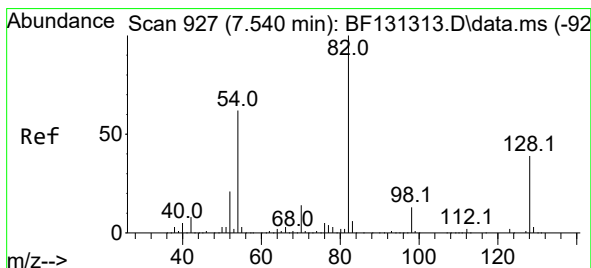
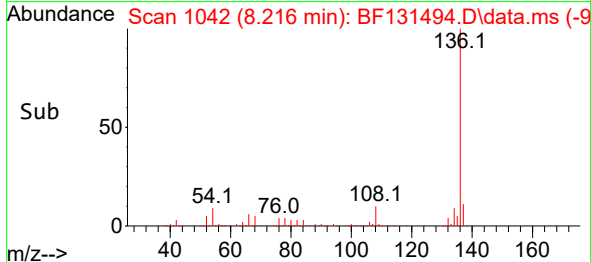
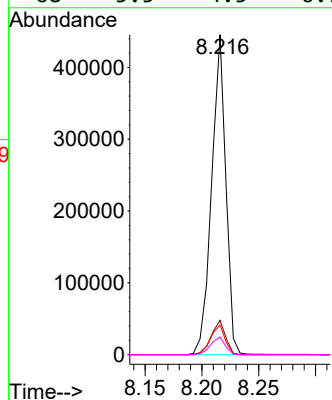
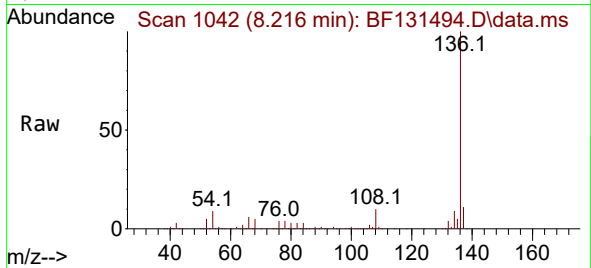




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

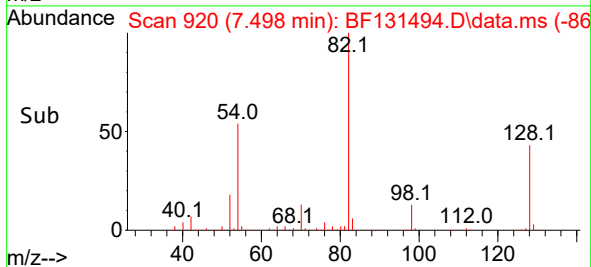
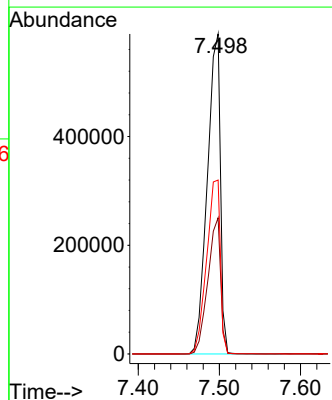
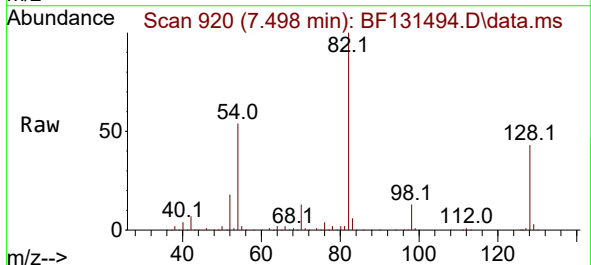
Instrument :
BNA_F
ClientSampleId :
PB149361BL

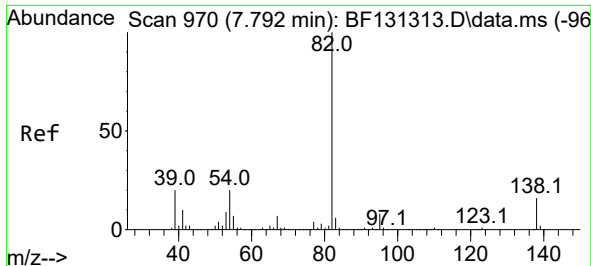
Tgt Ion:136 Resp: 387298
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.2 9.4 14.0#
68 5.5 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.454 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion: 82 Resp: 656561
Ion Ratio Lower Upper
82 100
128 42.5 31.4 47.0
54 54.4 49.8 74.6

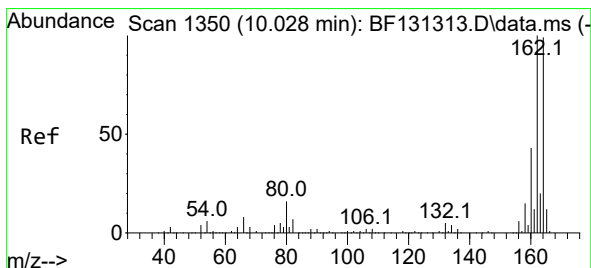
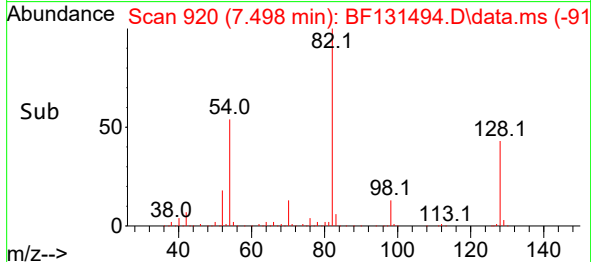
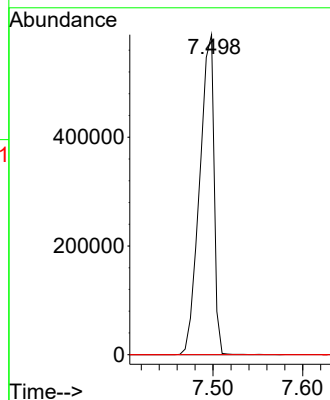
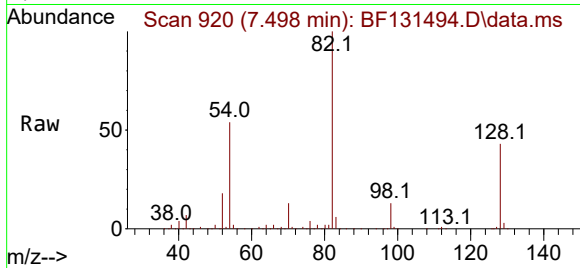




#25
Isophorone
Concen: 47.812 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

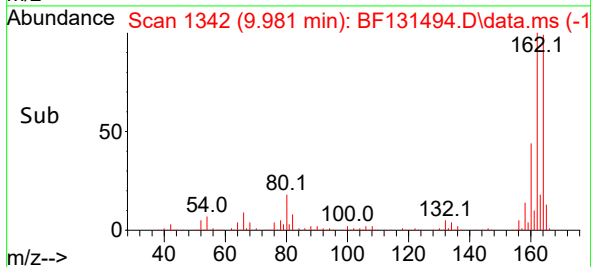
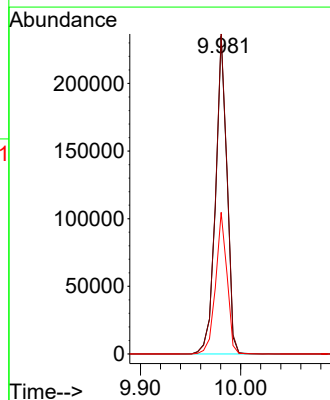
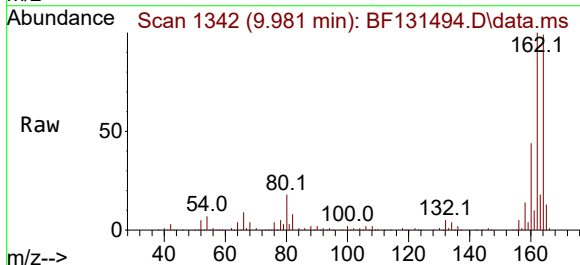
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ClientSampleId :
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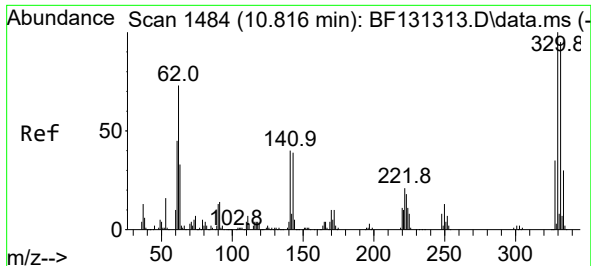
Tgt Ion: 82 Resp: 655376
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

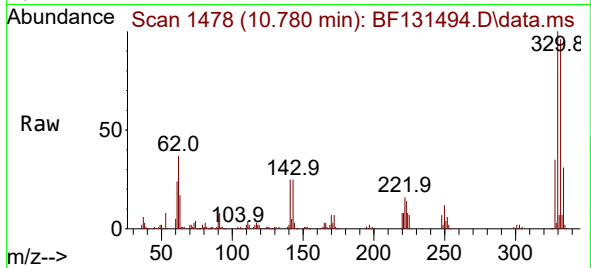
Tgt Ion:164 Resp: 185442
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.6 34.4 51.6



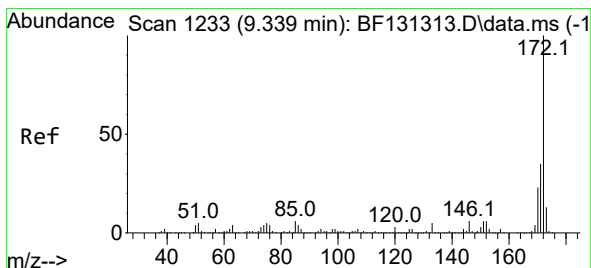
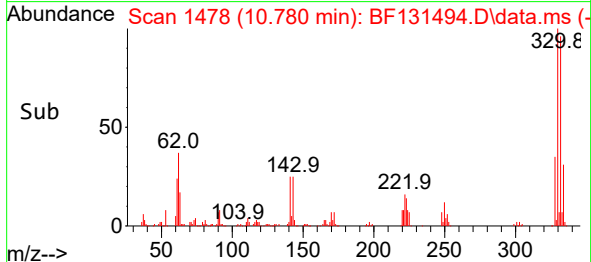
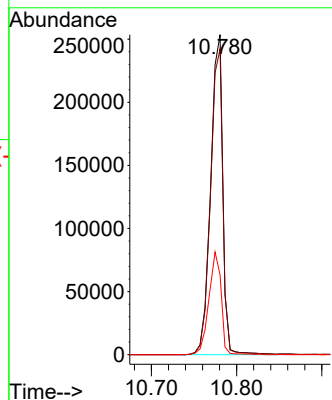


#42
2,4,6-Tribromophenol
Concen: 161.277 ng
RT: 10.780 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Instrument :
BNA_F
ClientSampleId :
PB149361BL

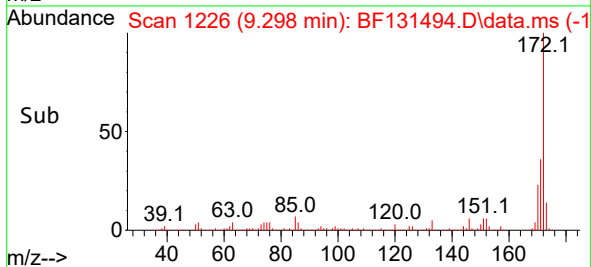
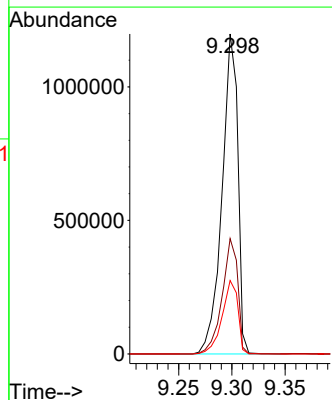
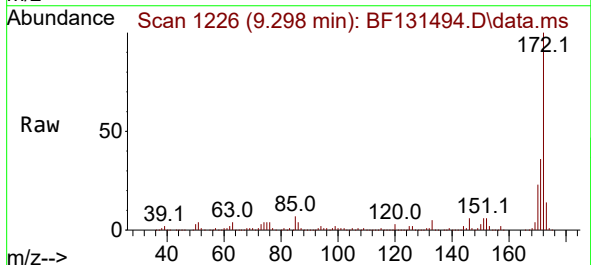


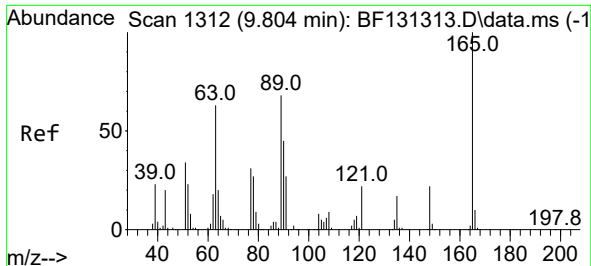
Tgt Ion:330 Resp: 251615
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 32.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 96.588 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:172 Resp: 1231178
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 22.9 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.414 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.212 min

Lab File: BF131494.D

Acq: 02 Dec 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB149361BL

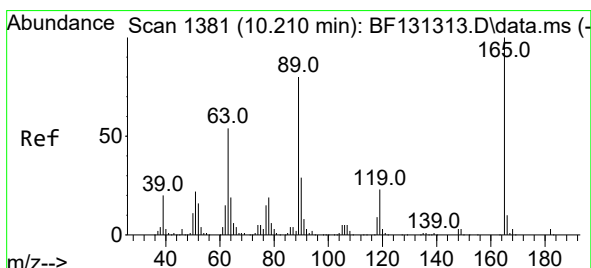
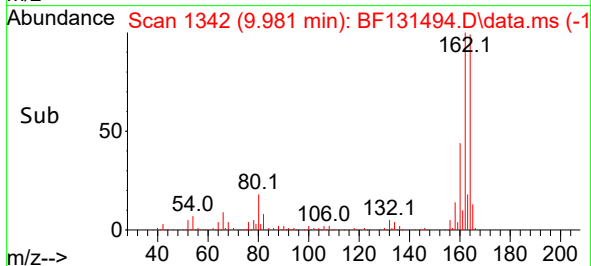
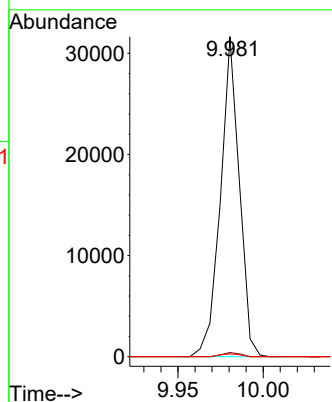
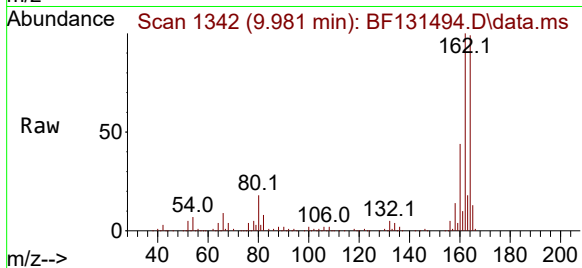
Tgt Ion:165 Resp: 24325

Ion Ratio Lower Upper

165 100

63 1.3 62.0 93.0#

89 0.9 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.482 ng

RT: 9.981 min Scan# 1342

Delta R.T. -0.194 min

Lab File: BF131494.D

Acq: 02 Dec 2022 11:27

Tgt Ion:165 Resp: 24325

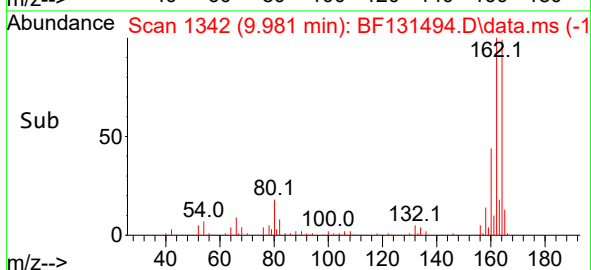
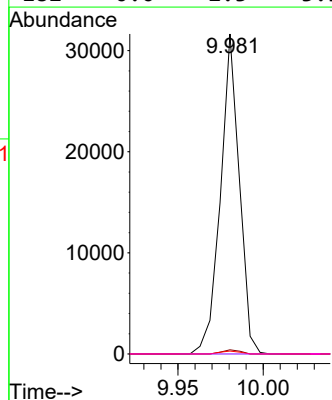
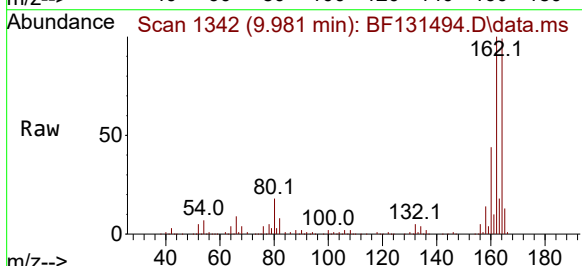
Ion Ratio Lower Upper

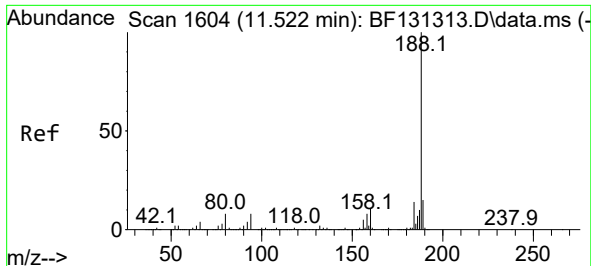
165 100

63 1.3 43.4 65.2#

89 0.9 64.0 96.0#

182 0.0 2.3 3.5#

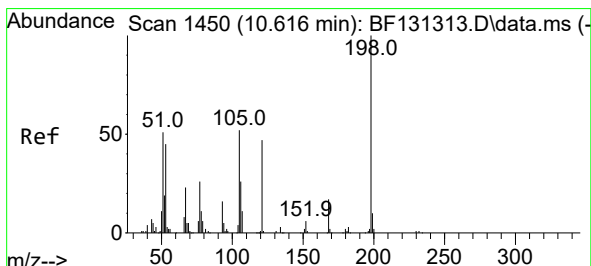
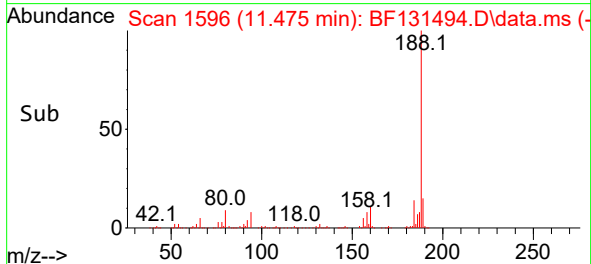
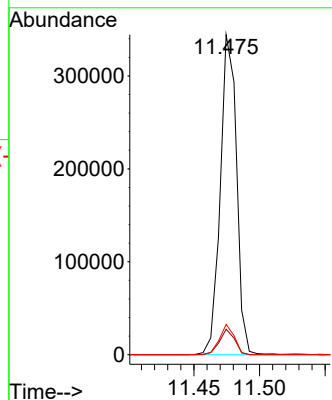
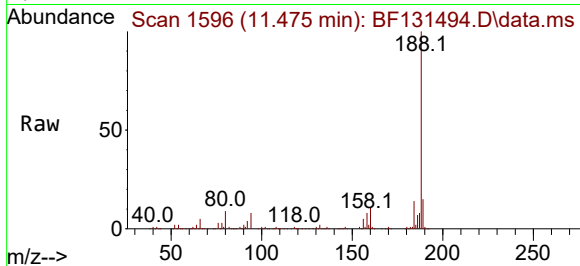




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

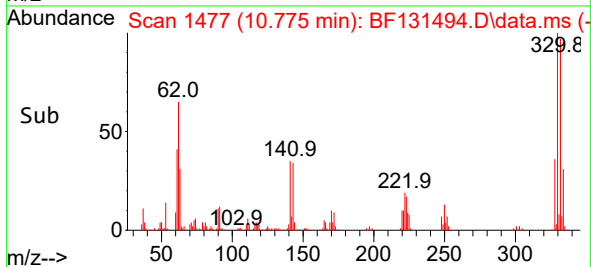
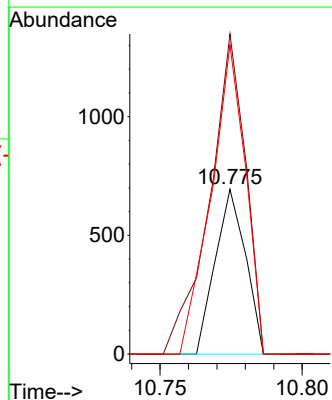
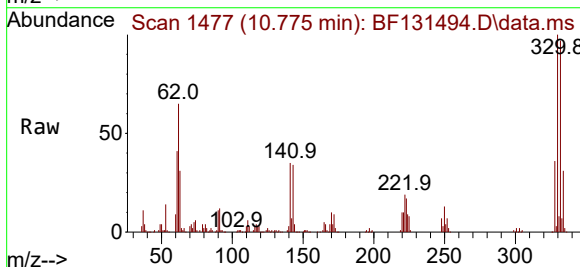
Instrument :
BNA_F
ClientSampleId :
PB149361BL

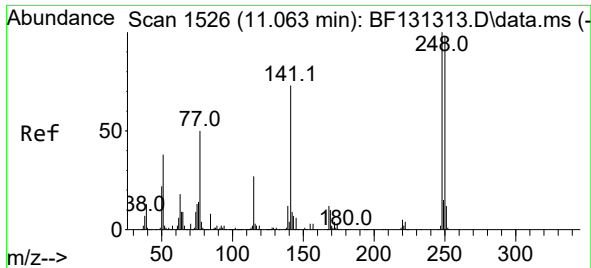
Tgt Ion:188 Resp: 296377
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 9.5 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.026 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.194 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:198 Resp: 513
Ion Ratio Lower Upper
198 100
51 194.2 50.1 90.1#
105 187.6 32.5 72.5#

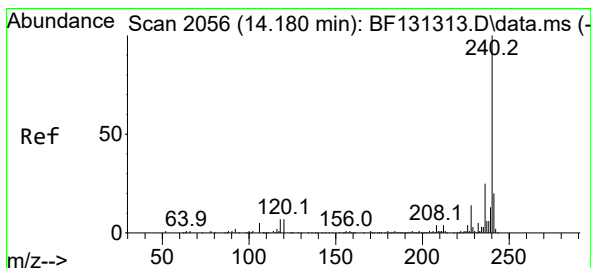
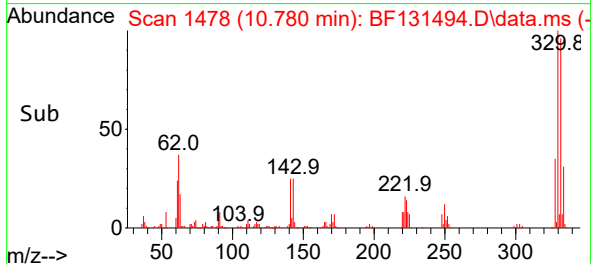
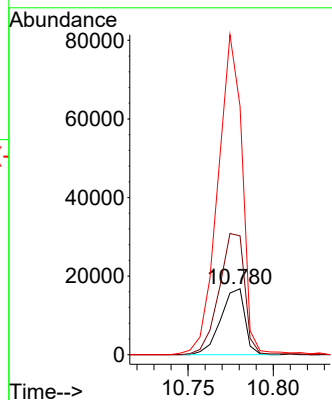
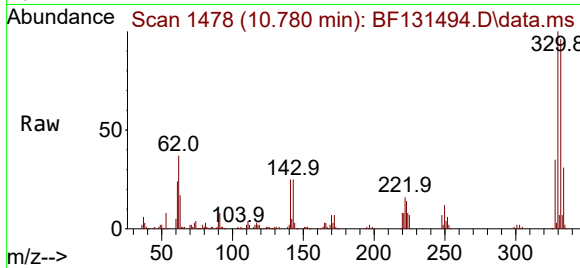




#67
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 10.780 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

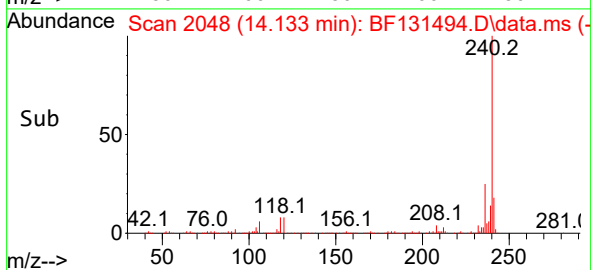
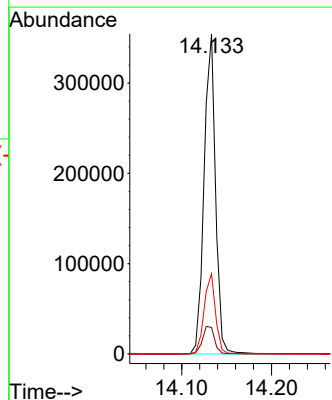
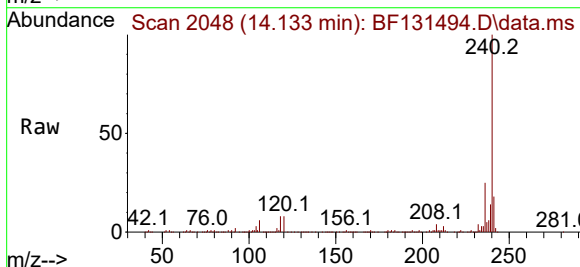
Instrument :
BNA_F
ClientSampleId :
PB149361BL

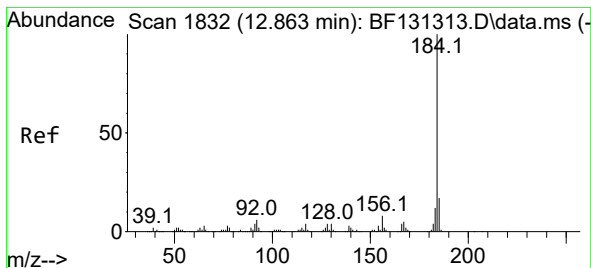
Tgt Ion:248 Resp: 16557
Ion Ratio Lower Upper
248 100
250 180.0 78.3 117.5#
141 376.4 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:240 Resp: 313344
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 25.0 20.3 30.5





#77

Benzidine

Concen: 3.113 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.253 min

Lab File: BF131494.D

Acq: 02 Dec 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB149361BL

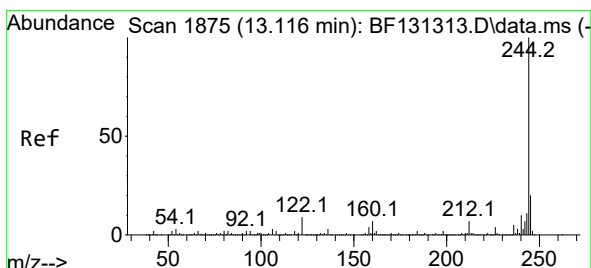
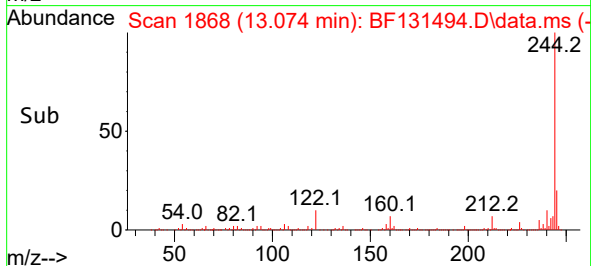
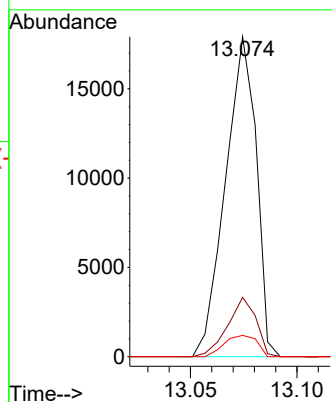
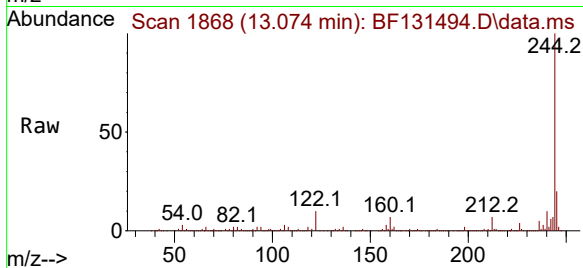
Tgt Ion:184 Resp: 18016

Ion Ratio Lower Upper

184 100

185 18.6 13.8 20.8

183 6.7 9.6 14.4#



#79

Terphenyl-d14

Concen: 78.359 ng

RT: 13.074 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BF131494.D

Acq: 02 Dec 2022 11:27

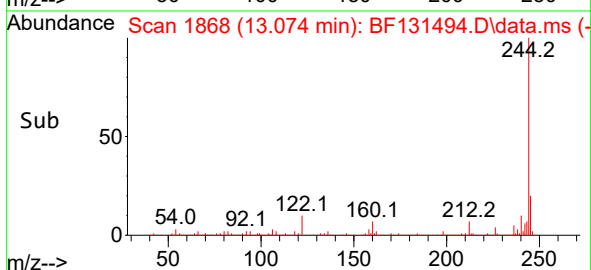
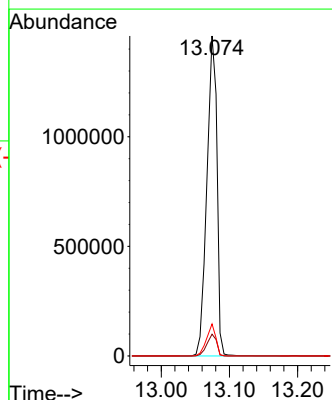
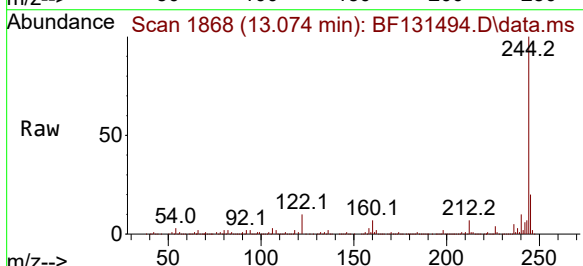
Tgt Ion:244 Resp: 1501483

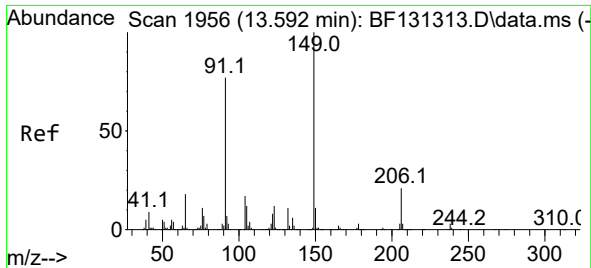
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.0 7.5 11.3

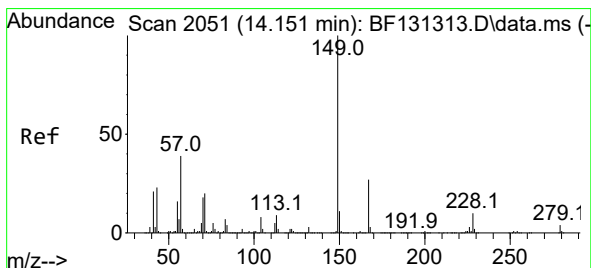
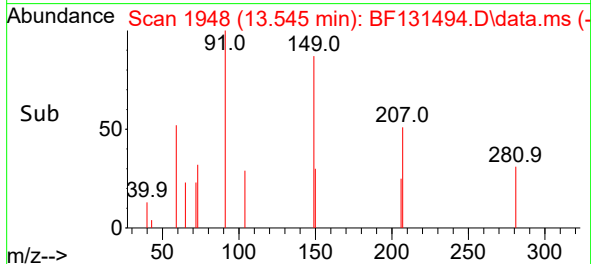
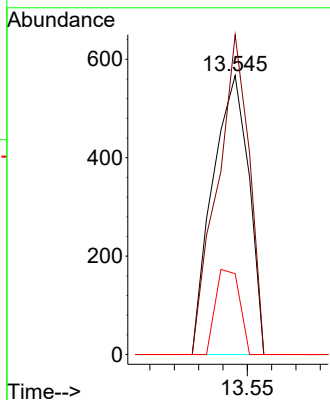
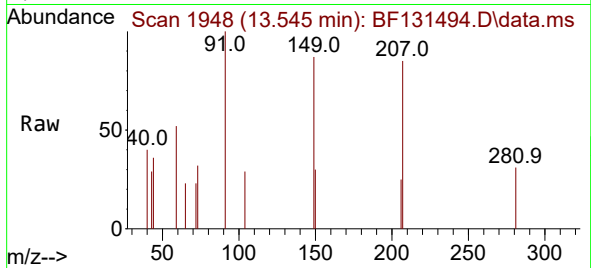




#80
Butylbenzylphthalate
Concen: 4.201 ng
RT: 13.545 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

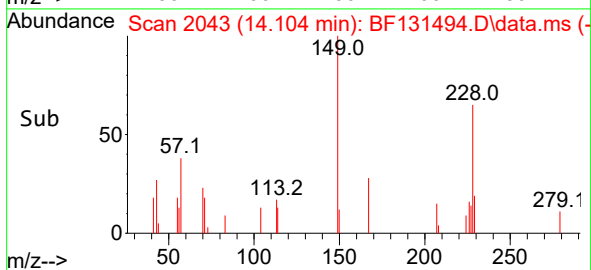
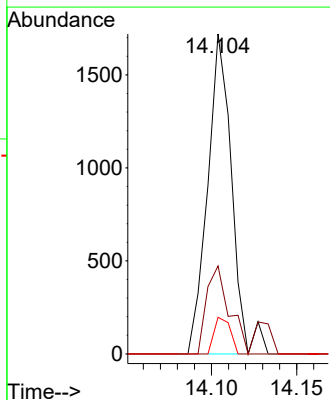
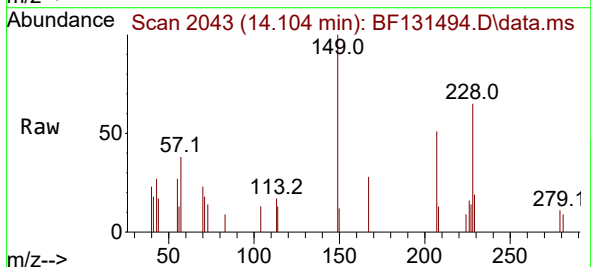
Instrument :
BNA_F
ClientSampleId :
PB149361BL

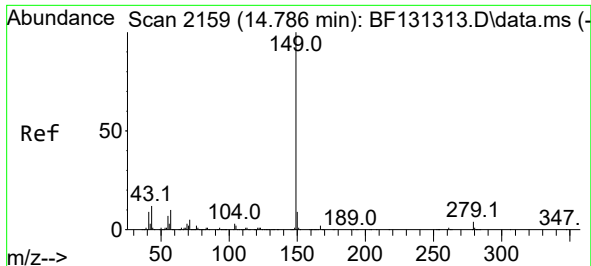
Tgt Ion:149 Resp: 586
Ion Ratio Lower Upper
149 100
91 114.6 61.9 92.9#
206 28.9 16.5 24.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.875 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:149 Resp: 1693
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 11.5 3.0 4.4#

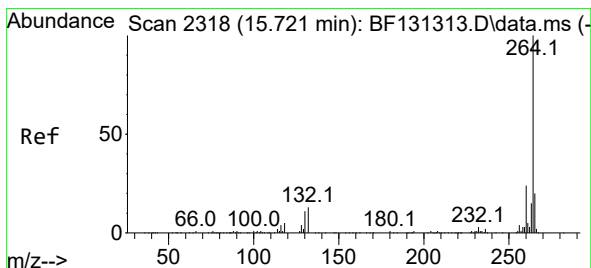
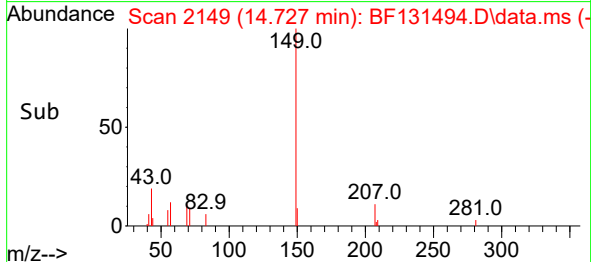
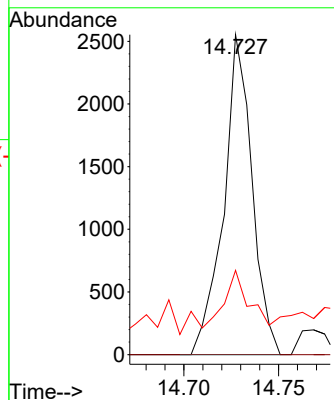
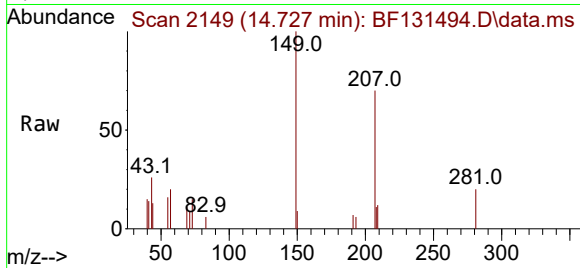




#85
Di-n-octyl phthalate
Concen: 4.075 ng
RT: 14.727 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131494.D
Acq: 02 Dec 2022 11:27

Instrument :
BNA_F
ClientSampleId :
PB149361BL

Tgt Ion:149 Resp: 2658
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 21.1 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: BF131494.D
Acq: 02 Dec 2022 11:27

Tgt Ion:264 Resp: 253330
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.6 16.4 24.6

