

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131580.D
 Acq On : 09 Dec 2022 22:25
 Operator : CG\JU
 Sample : N5965-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Quant Time: Dec 10 04:06:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

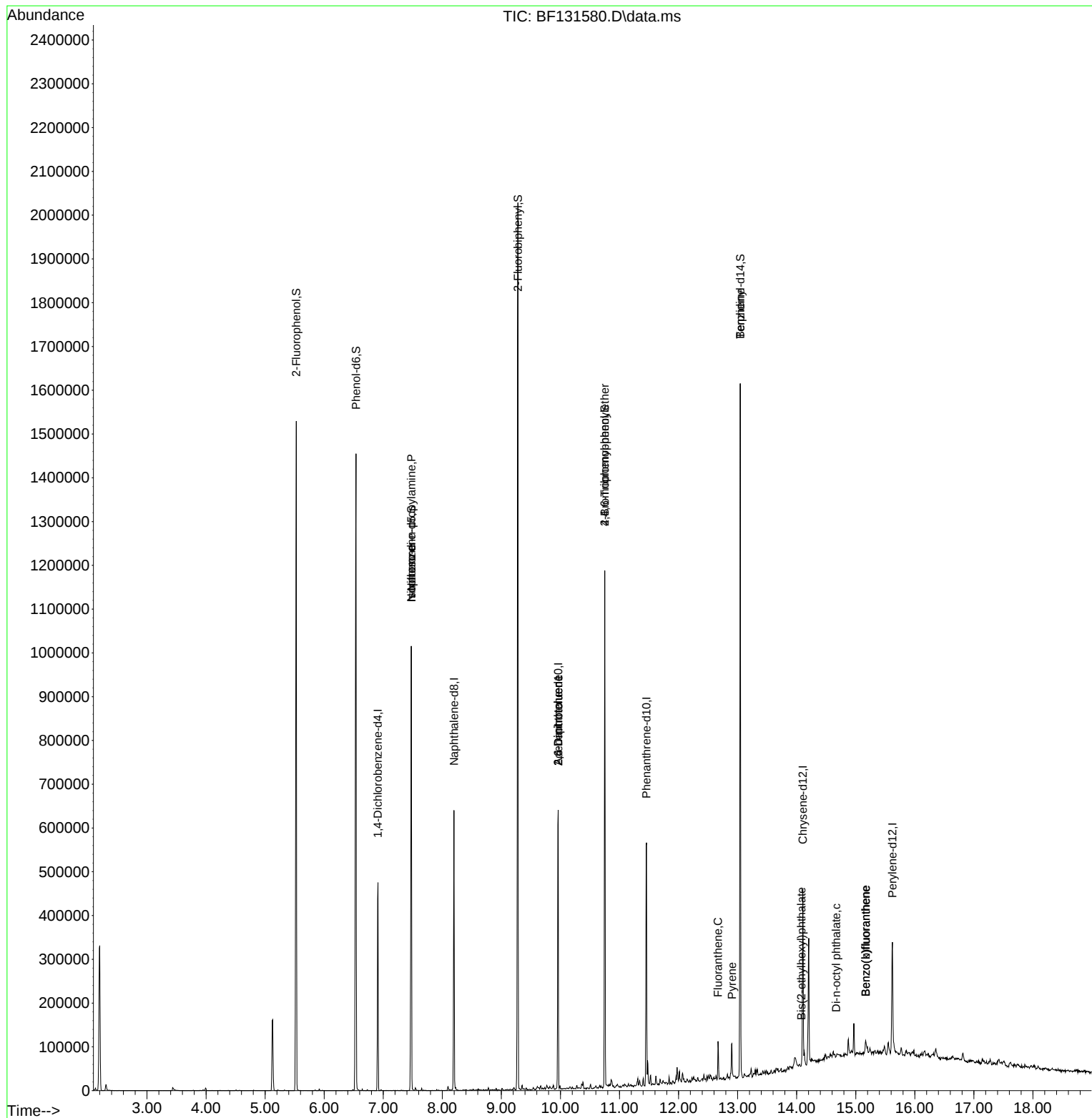
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	65130	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	228095	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	123687	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	206669	20.000	ng	0.00
76) Chrysene-d12	14.104	240	122463	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	127515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	357318	91.526	ng	0.02
7) Phenol-d6	6.539	99	465896	91.068	ng	0.00
23) Nitrobenzene-d5	7.475	82	323886	53.684	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	113402	82.522	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	579510	59.076	ng	0.00
79) Terphenyl-d14	13.045	244	474236	53.107	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	45755	11.927	ng	# 77
25) Isophorone	7.475	82	323848	33.325	ng	# 69
51) 2,6-Dinitrotoluene	9.963	165	15909	8.173	ng	# 10
57) 2,4-Dinitrotoluene	9.963	165	15909	6.161	ng	# 16
67) 4-Bromophenyl-phenylether	10.751	248	7436	2.797	ng	# 1
75) Fluoranthene	12.668	202	31467	2.653	ng	97
77) Benzidine	13.045	184	7976	2.431	ng	# 92
78) Pyrene	12.904	202	33957	2.812	ng	98
84) Bis(2-ethylhexyl)phtha...	14.080	149	1116	3.252	ng	# 97
85) Di-n-octyl phthalate	14.668	149	381	5.262	ng	# 74
88) Benzo(b)fluoranthene	15.168	252	21461	2.554	ng	# 97
89) Benzo(k)fluoranthene	15.168	252	21461	2.447	ng	# 97

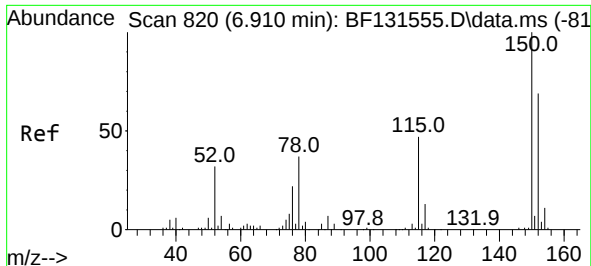
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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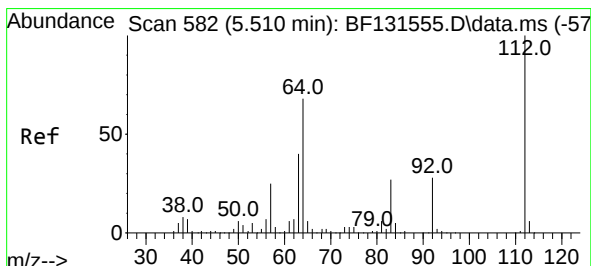
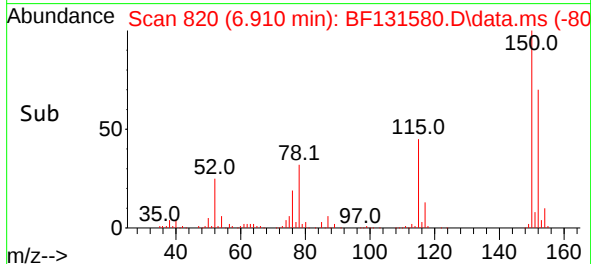
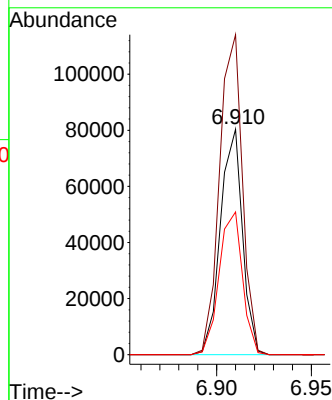
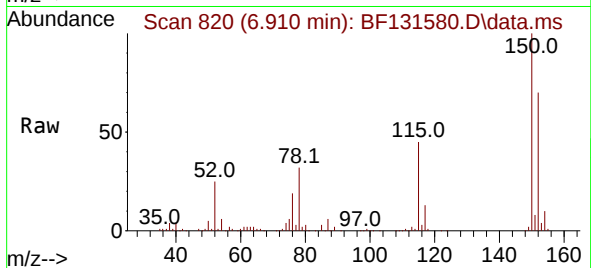




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

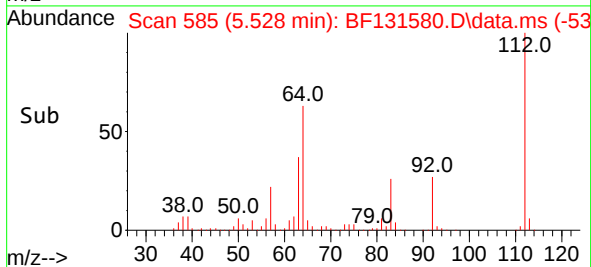
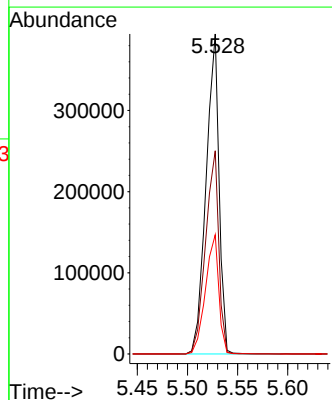
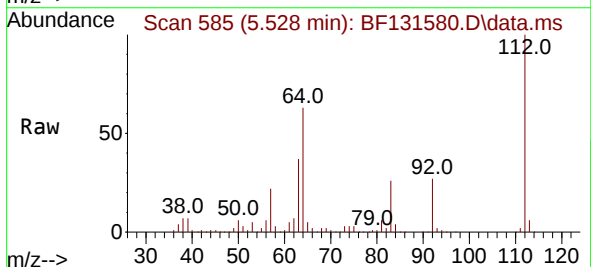
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BNA_F
ClientSampleId :
TP-P

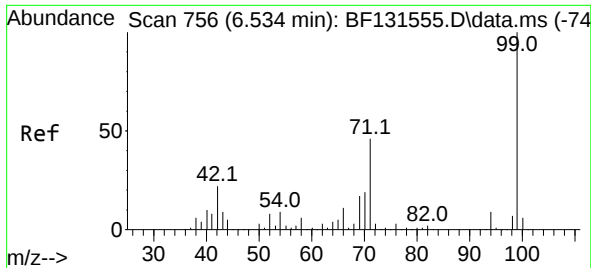
Tgt Ion:152 Resp: 65130
Ion Ratio Lower Upper
152 100
150 141.9 116.7 175.1
115 63.3 54.6 82.0



#5
2-Fluorophenol
Concen: 91.526 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:112 Resp: 357318
Ion Ratio Lower Upper
112 100
64 63.5 54.5 81.7
63 37.3 31.9 47.9





#7

Phenol-d6

Concen: 91.068 ng

RT: 6.539 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-P

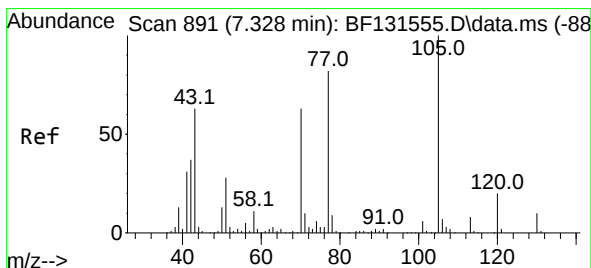
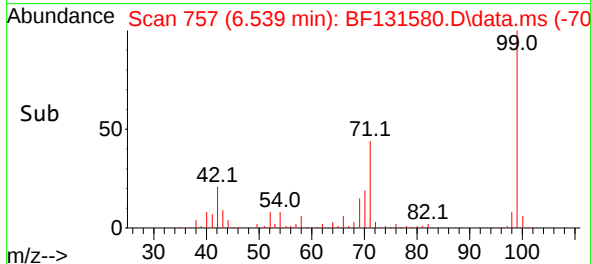
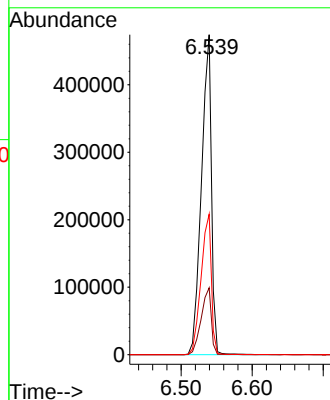
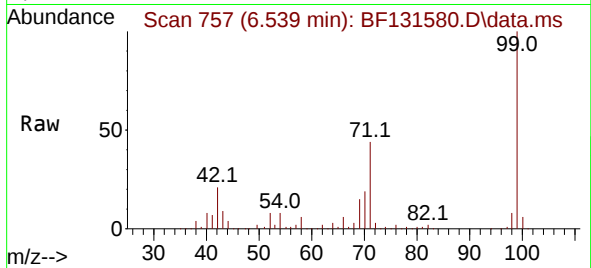
Tgt Ion: 99 Resp: 465896

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 43.9 37.2 55.8



#19

n-Nitroso-di-n-propylamine

Concen: 11.927 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Tgt Ion: 70 Resp: 45755

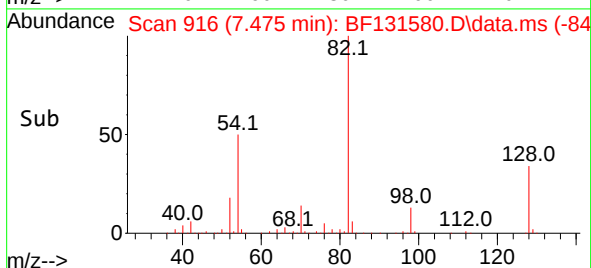
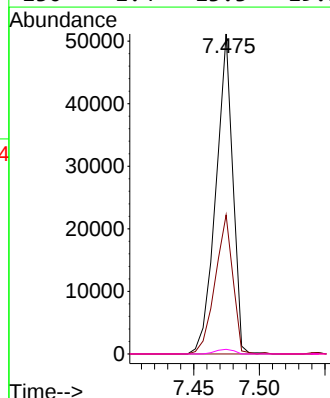
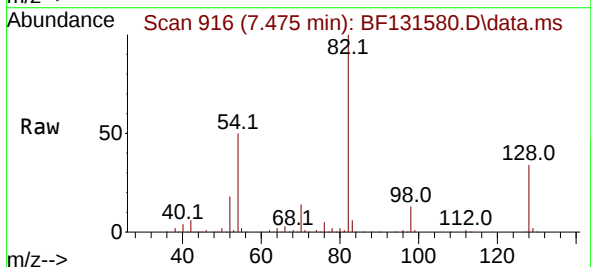
Ion Ratio Lower Upper

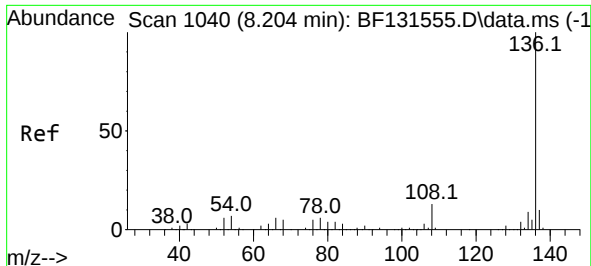
70 100

42 43.5 46.4 69.6#

101 0.0 7.2 10.8#

130 1.4 13.3 19.9#

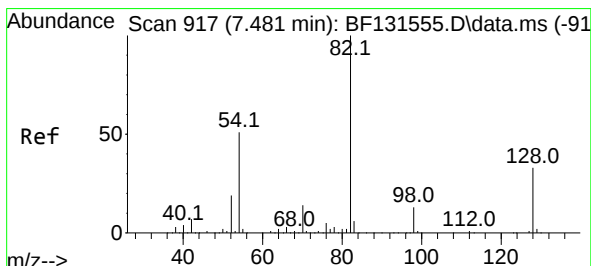
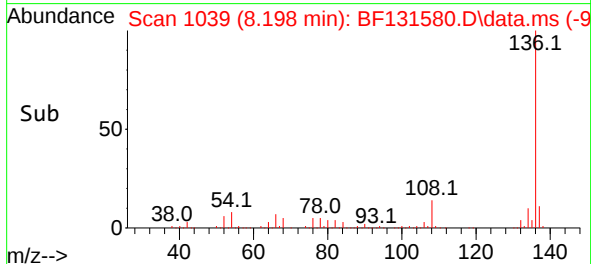
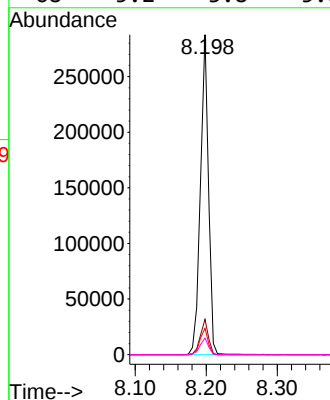
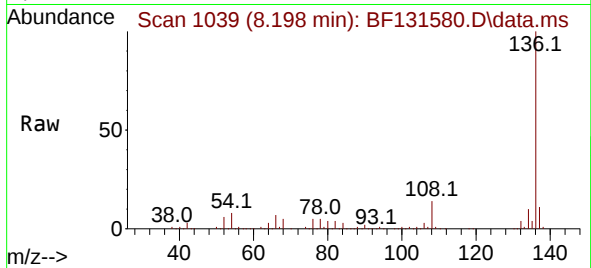




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

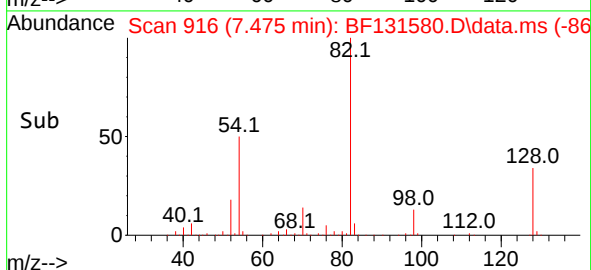
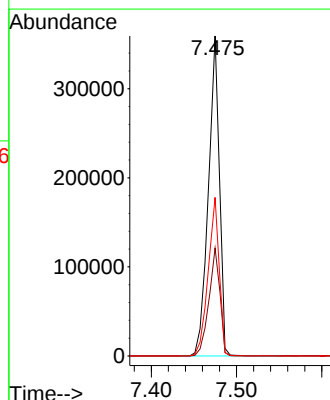
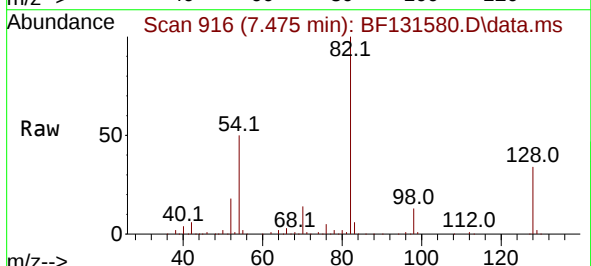
Instrument :
BNA_F
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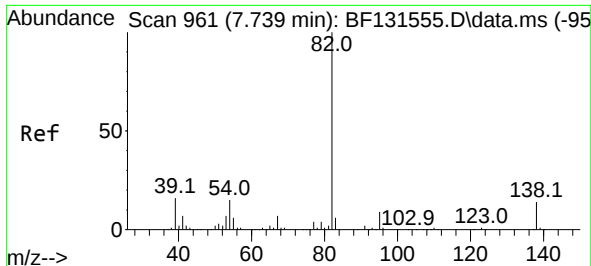
Tgt Ion:136 Resp: 228095
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 8.2 6.0 9.0
68 5.2 3.8 5.8



#23
Nitrobenzene-d5
Concen: 53.684 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion: 82 Resp: 323886
Ion Ratio Lower Upper
82 100
128 33.7 26.1 39.1
54 49.6 40.6 60.8

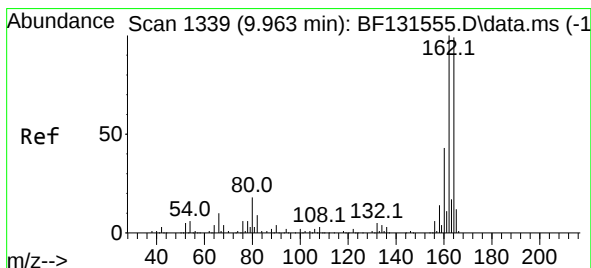
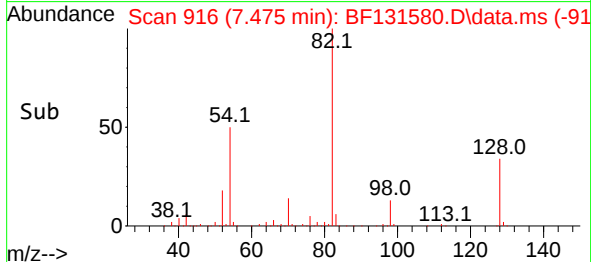
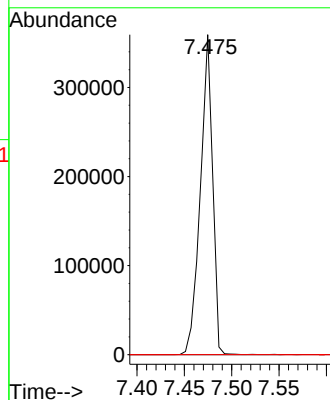
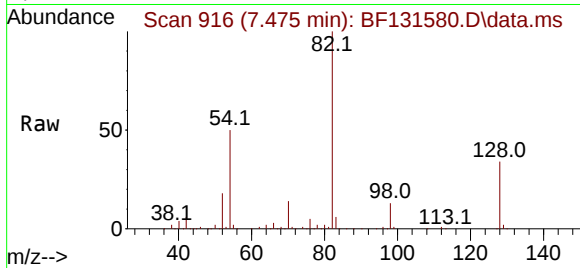




#25
Isophorone
Concen: 33.325 ng
RT: 7.475 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

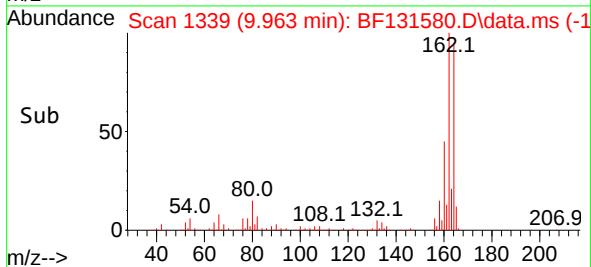
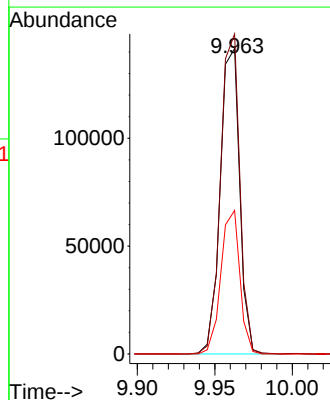
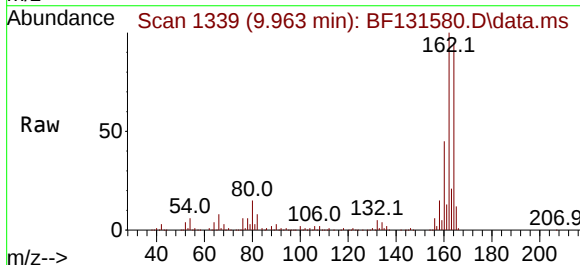
Instrument :
BNA_F
ClientSampleId :
TP-P

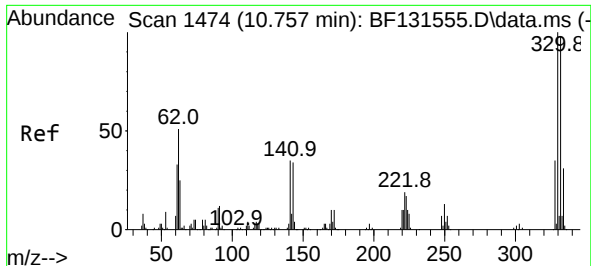
Tgt Ion: 82 Resp: 323848
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:164 Resp: 123687
Ion Ratio Lower Upper
164 100
162 104.7 81.0 121.6
160 47.0 35.0 52.6

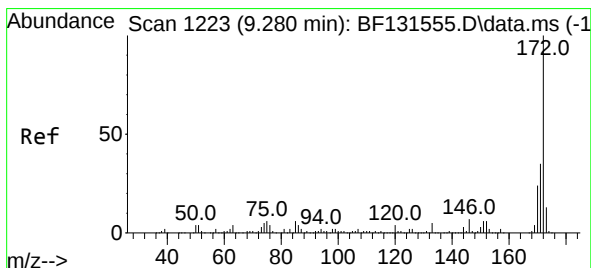
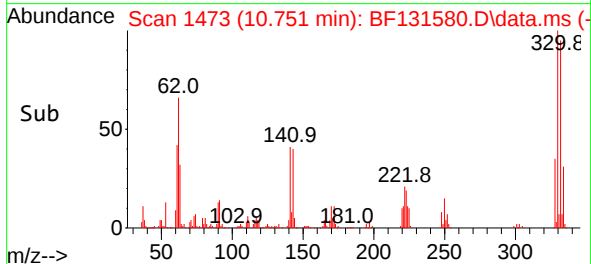
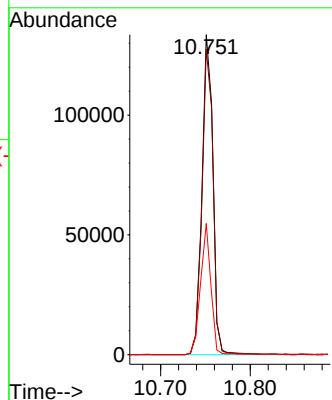
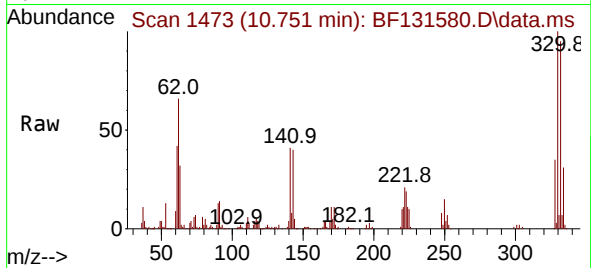




#42
2,4,6-Tribromophenol
Concen: 82.522 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

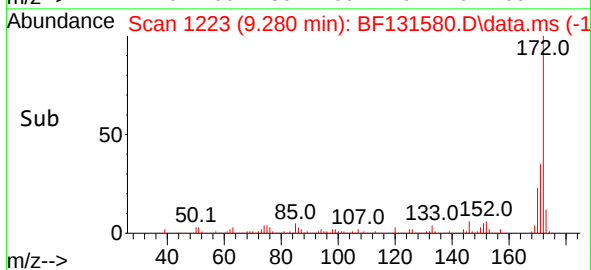
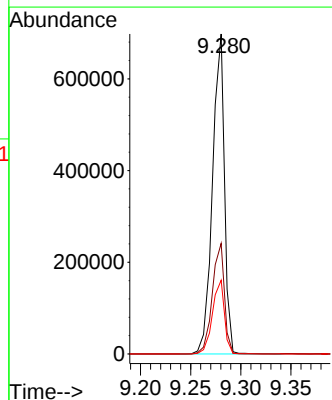
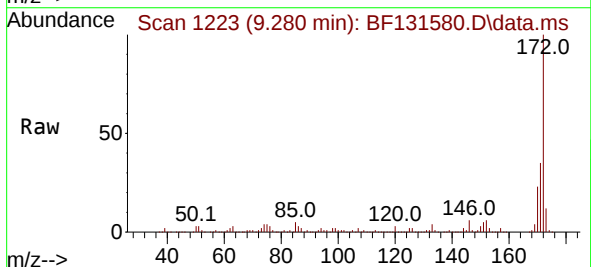
Instrument :
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ClientSampleId :
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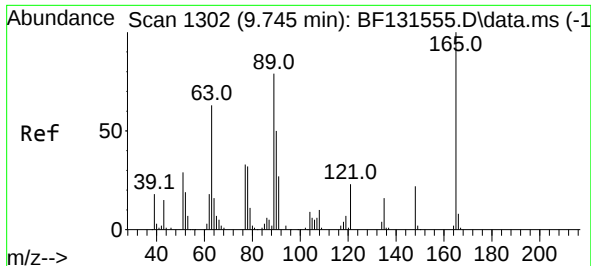
Tgt Ion:330 Resp: 113402
Ion Ratio Lower Upper
330 100
332 96.1 78.3 117.5
141 38.8 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 59.076 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:172 Resp: 579510
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 19.3 28.9

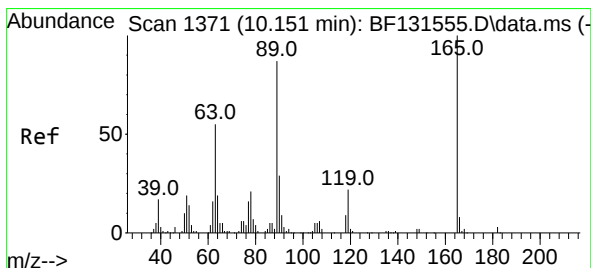
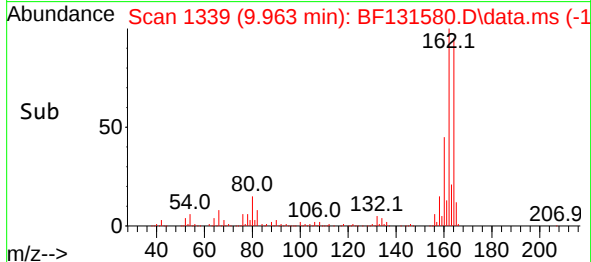
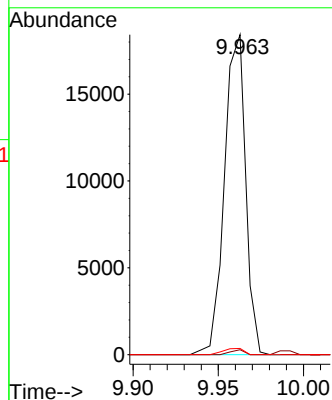
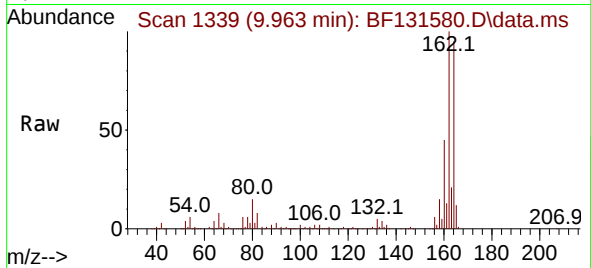




#51
2,6-Dinitrotoluene
Concen: 8.173 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

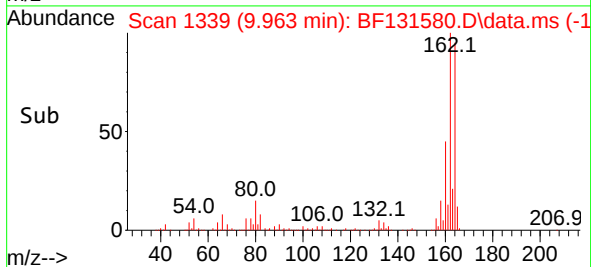
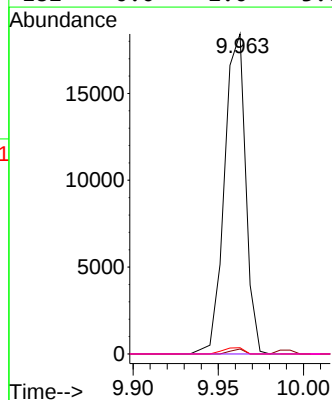
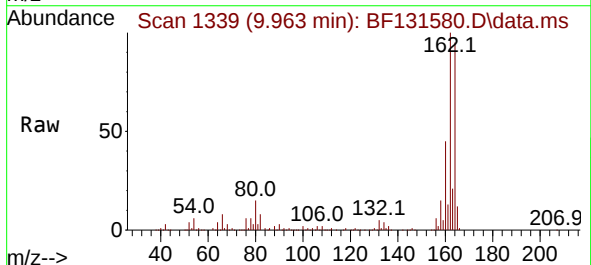
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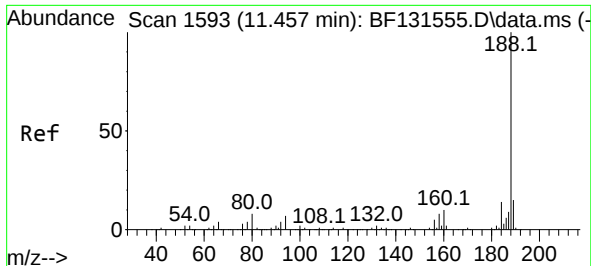
Tgt Ion:165 Resp: 15909
Ion Ratio Lower Upper
165 100
63 1.5 67.9 101.9#
89 2.0 63.2 94.8#



#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:165 Resp: 15909
Ion Ratio Lower Upper
165 100
63 1.5 44.4 66.6#
89 2.0 69.6 104.4#
182 0.0 2.0 3.0#

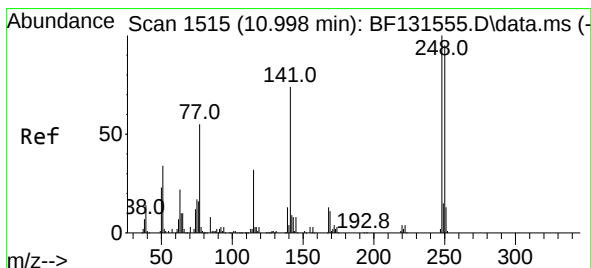
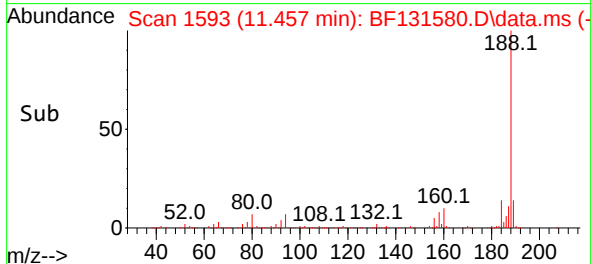
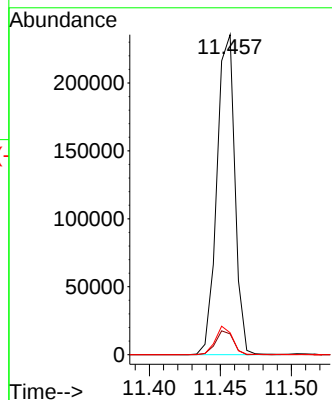
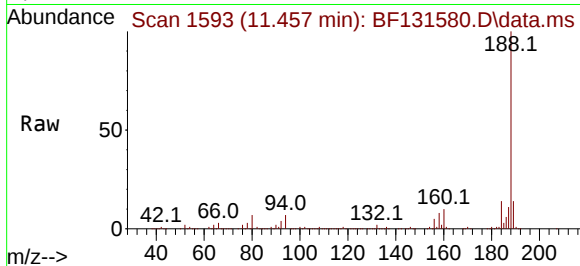




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

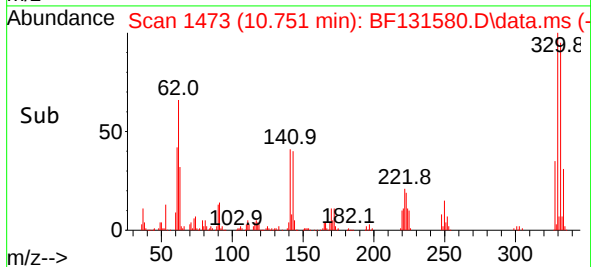
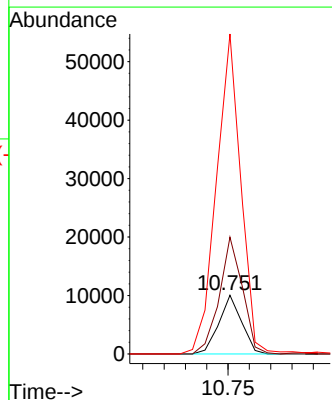
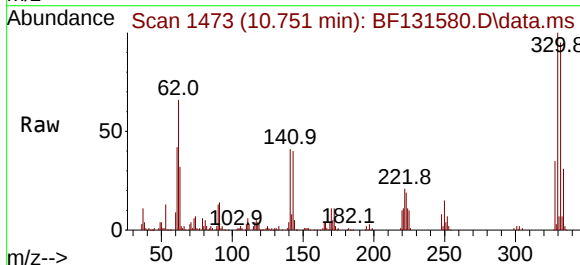
Instrument :
BNA_F
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TP-P

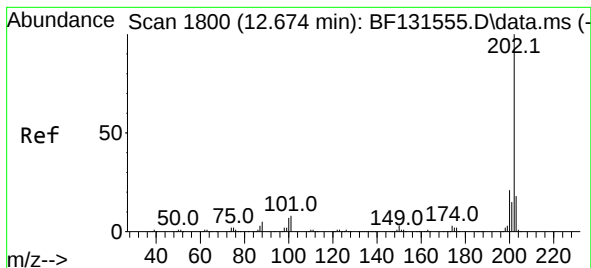
Tgt Ion:188 Resp: 206669
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 6.8 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 2.797 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:248 Resp: 7436
Ion Ratio Lower Upper
248 100
250 198.9 76.2 114.2#
141 545.2 59.5 89.3#





#75

Fluoranthene

Concen: 2.653 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-P

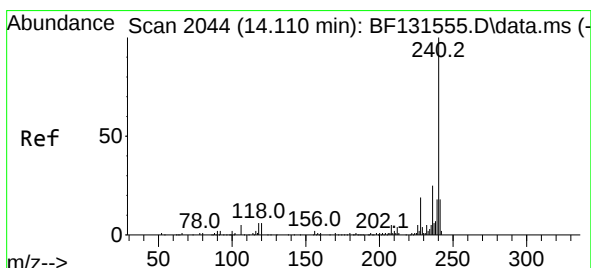
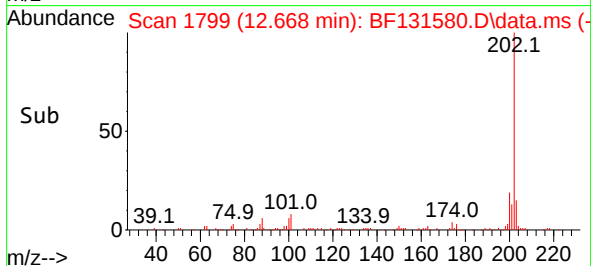
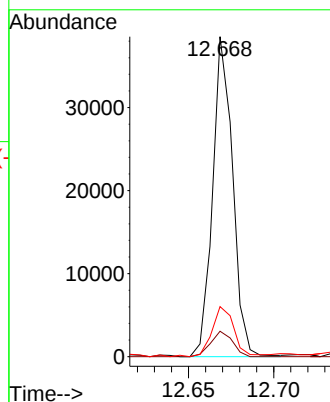
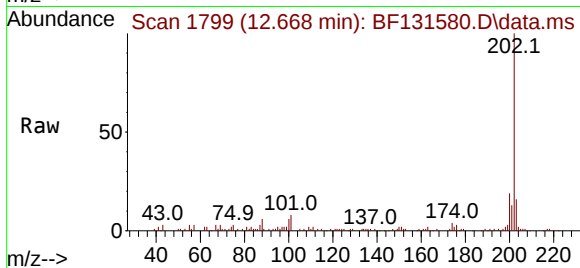
Tgt Ion:202 Resp: 31467

Ion Ratio Lower Upper

202 100

101 7.9 0.0 27.7

203 15.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

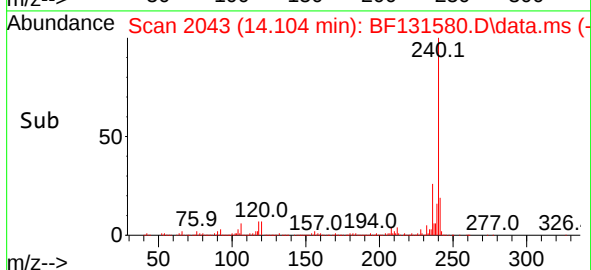
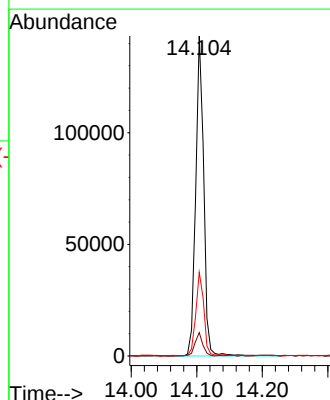
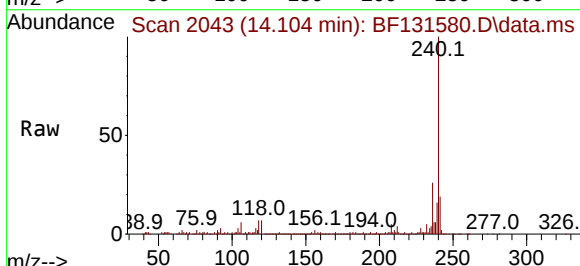
Tgt Ion:240 Resp: 122463

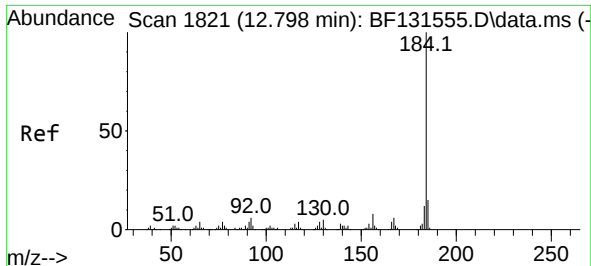
Ion Ratio Lower Upper

240 100

120 7.3 4.6 7.0#

236 26.2 20.2 30.2

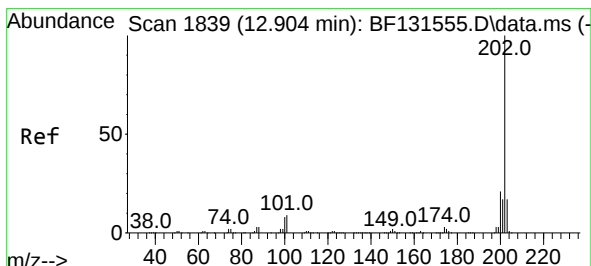
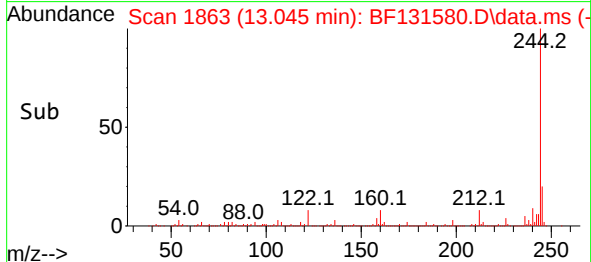
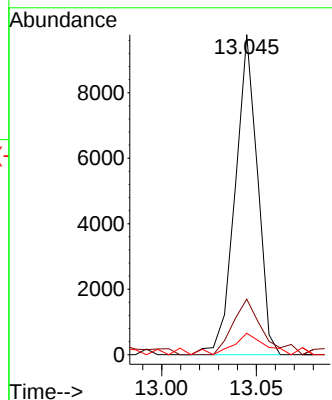
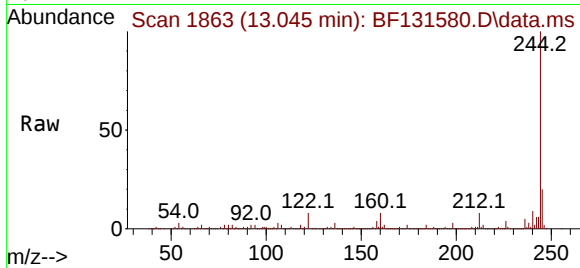




#77
Benzidine
Concen: 2.431 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.247 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

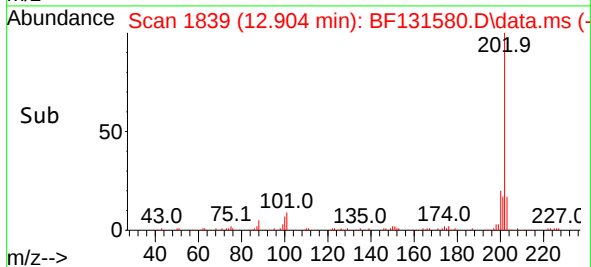
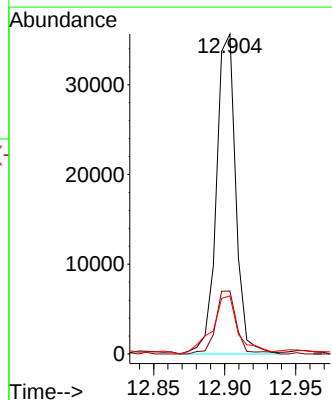
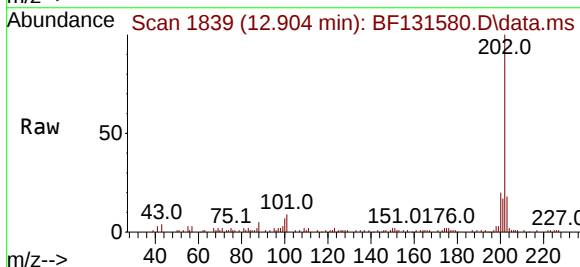
Instrument :
BNA_F
ClientSampleId :
TP-P

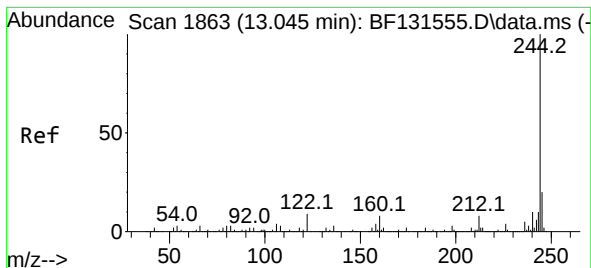
Tgt Ion:184 Resp: 7976
Ion Ratio Lower Upper
184 100
185 17.4 12.2 18.2
183 6.7 9.3 13.9#



#78
Pyrene
Concen: 2.812 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:202 Resp: 33957
Ion Ratio Lower Upper
202 100
200 19.7 16.7 25.1
203 18.1 13.8 20.6





#79

Terphenyl-d14

Concen: 53.107 ng

RT: 13.045 min Scan# 1863

Delta R.T. -0.000 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-P

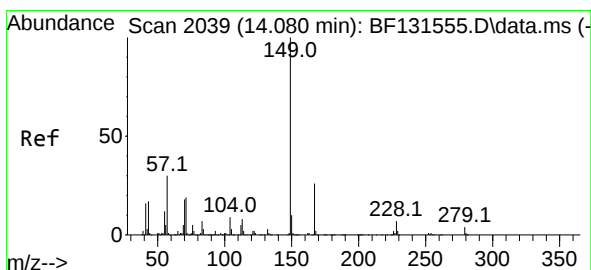
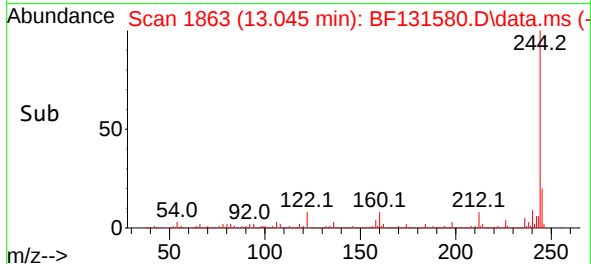
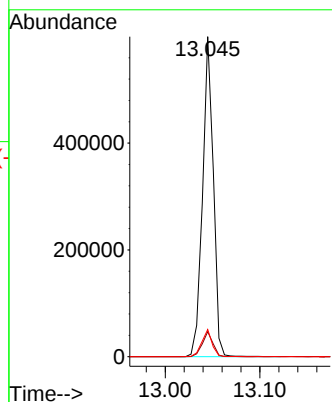
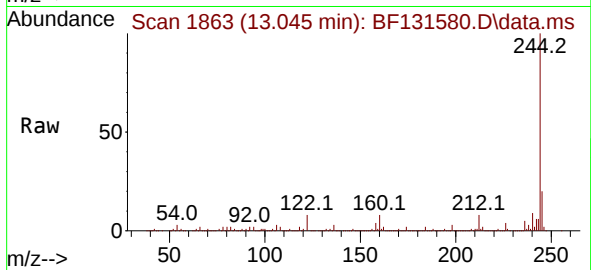
Tgt Ion:244 Resp: 474236

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.5 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.252 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

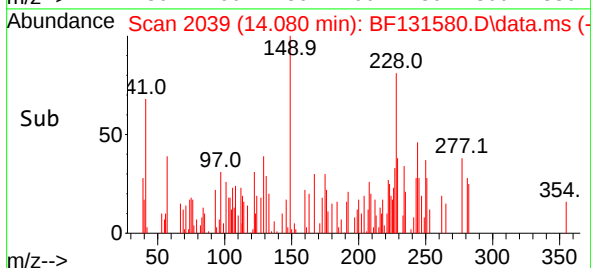
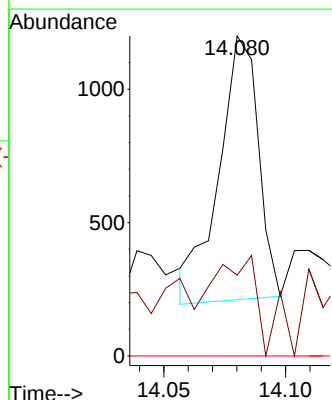
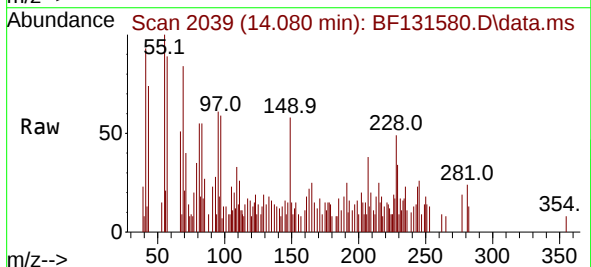
Tgt Ion:149 Resp: 1116

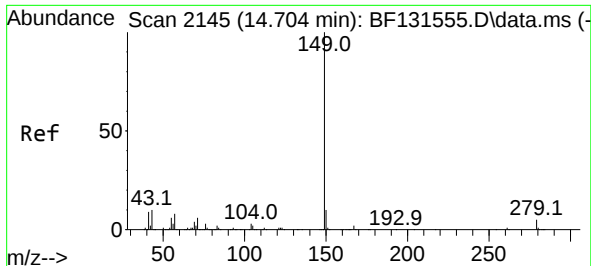
Ion Ratio Lower Upper

149 100

167 25.3 20.8 31.2

279 0.0 3.3 4.9

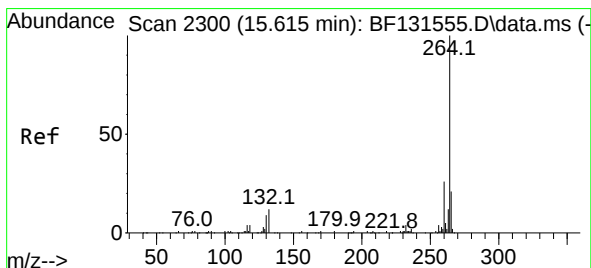
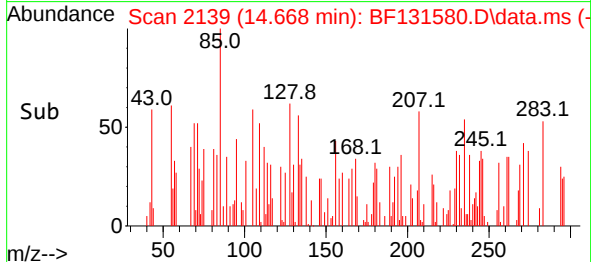
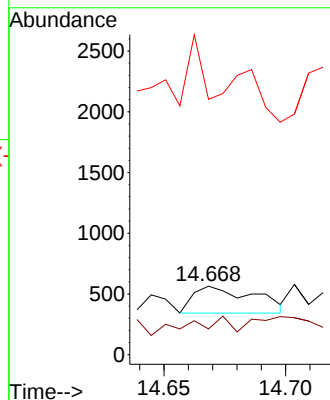
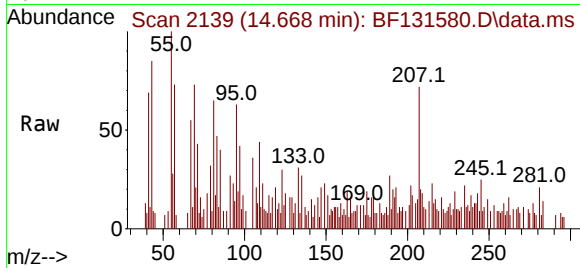




#85
Di-n-octyl phthalate
Concen: 5.262 ng
RT: 14.668 min Scan# 2145
Delta R.T. -0.036 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

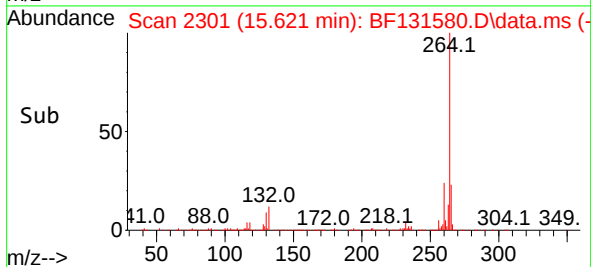
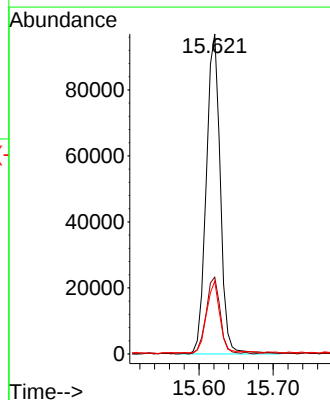
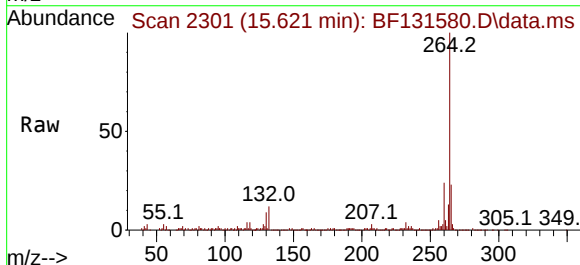
Instrument :
BNA_F
ClientSampleId :
TP-P

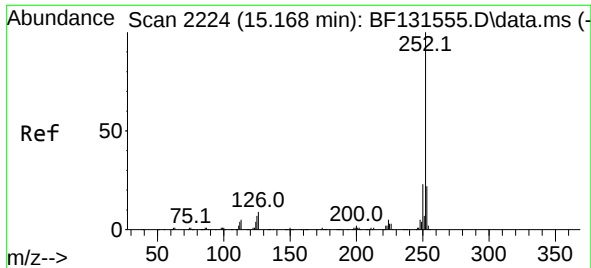
Tgt Ion:149 Resp: 381
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:264 Resp: 127515
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 22.7 16.8 25.2

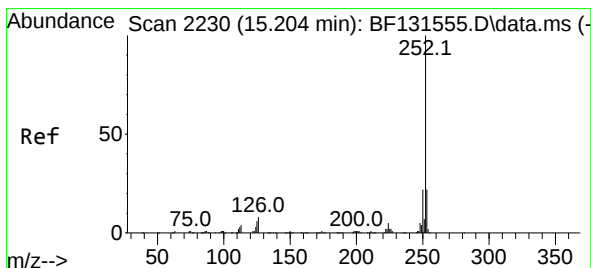
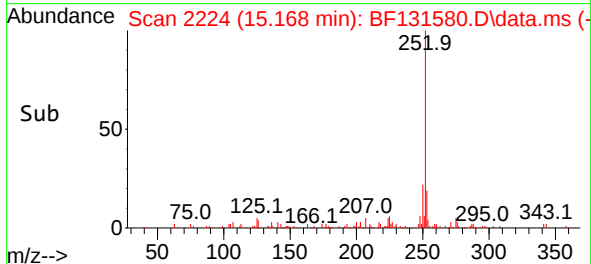
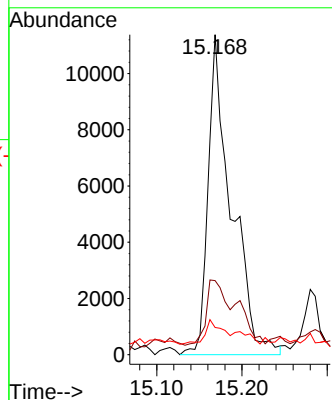
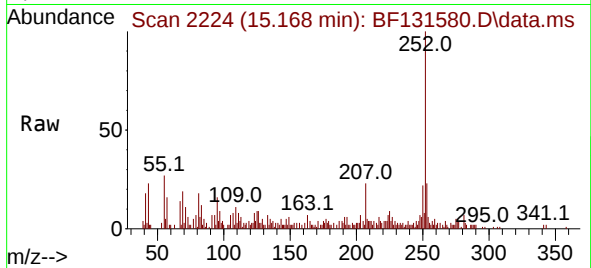




#88
Benzo(b)fluoranthene
Concen: 2.554 ng
RT: 15.168 min Scan# 21461
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Instrument :
BNA_F
ClientSampleId :
TP-P

Tgt Ion:252 Resp: 21461
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.5 5.6 8.4#



#89
Benzo(k)fluoranthene
Concen: 2.447 ng
RT: 15.168 min Scan# 2224
Delta R.T. -0.035 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:252 Resp: 21461
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.5 4.9 7.3#

