

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131340.D
 Acq On : 22 Nov 2022 20:40
 Operator : CG\JU
 Sample : N5642-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEFT-SIDE-FLATS-33

Quant Time: Nov 23 04:19:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

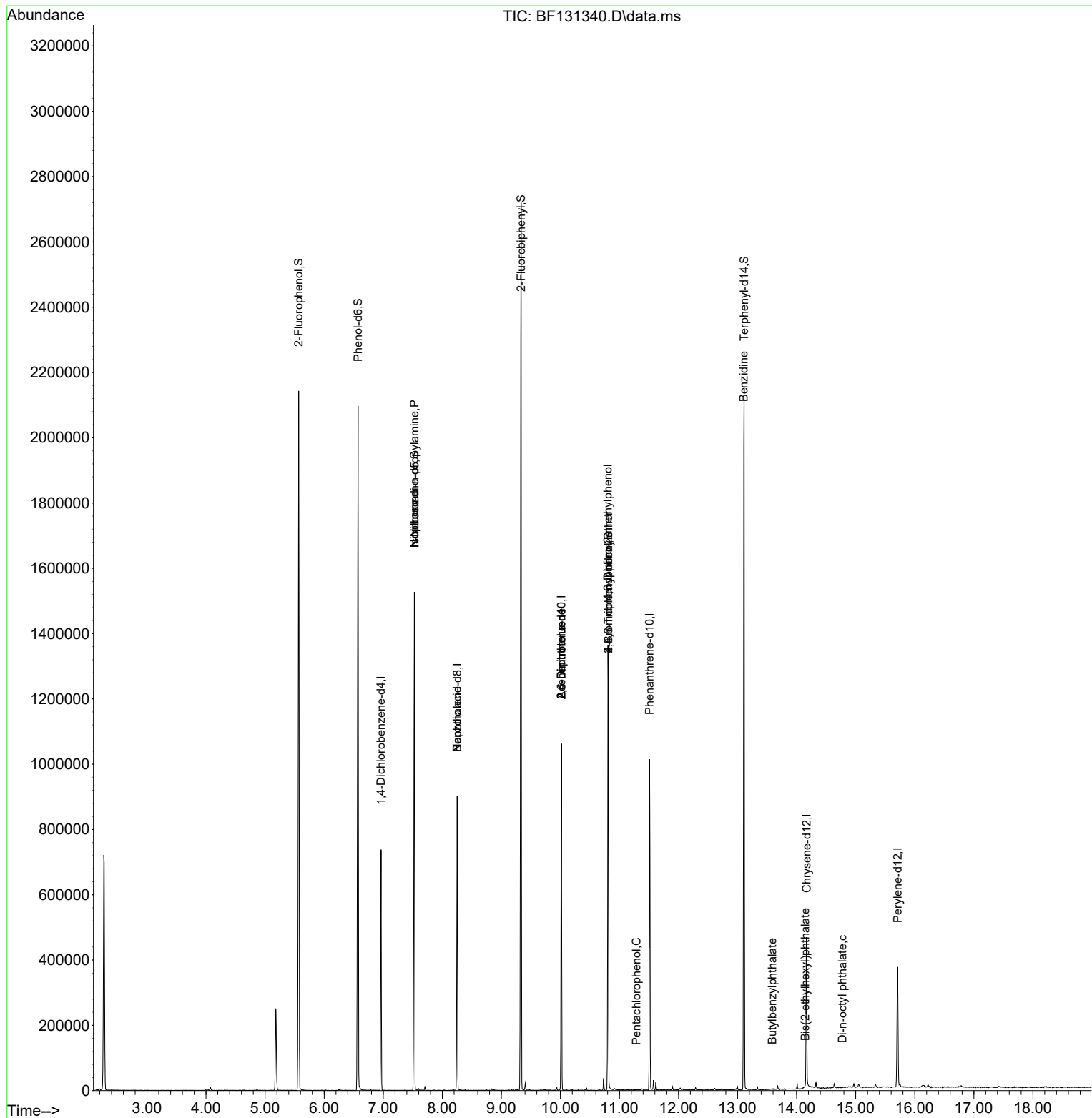
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91764	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	338640	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	193653	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	343809	20.000	ng	-0.01
76) Chrysene-d12	14.169	240	168111	20.000	ng	-0.01
86) Perylene-d12	15.710	264	187982	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	524189	108.719	ng	0.00
7) Phenol-d6	6.575	99	661197	107.482	ng	-0.01
23) Nitrobenzene-d5	7.528	82	432858	64.434	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	151410	92.934	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	826952	62.125	ng	0.00
79) Terphenyl-d14	13.110	244	792604	77.099	ng	0.00
Target Compounds						
9) Benzaldehyde	6.575	77	1137	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	7.528	70	59724	13.262	ng	# 76
25) Isophorone	7.528	82	431987	36.043	ng	# 68
32) Benzoic acid	8.251	122	59	5.150	ng	# 1
51) 2,6-Dinitrotoluene	10.016	165	24702	9.155	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	24702	7.276	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	365	4.851	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	10178	2.415	ng	# 1
70) Pentachlorophenol	11.286	266	403	5.024	ng	# 11
77) Benzidine	13.104	184	10526	3.390	ng	# 85
80) Butylbenzylphthalate	13.586	149	119	4.165	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	1072	3.898	ng	# 84
85) Di-n-octyl phthalate	14.774	149	299	3.938	ng	# 70

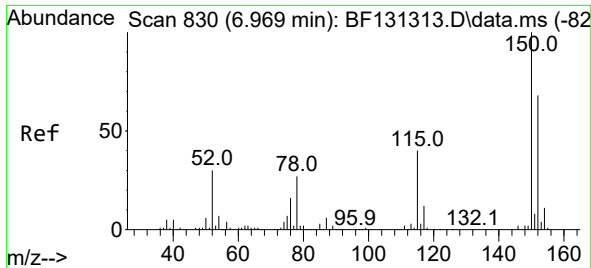
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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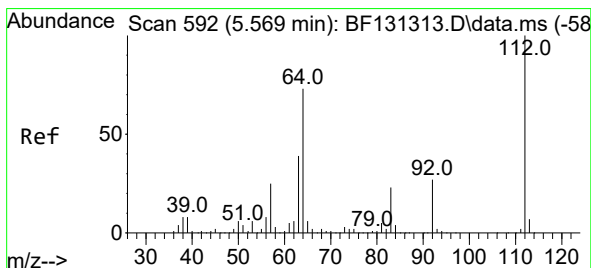
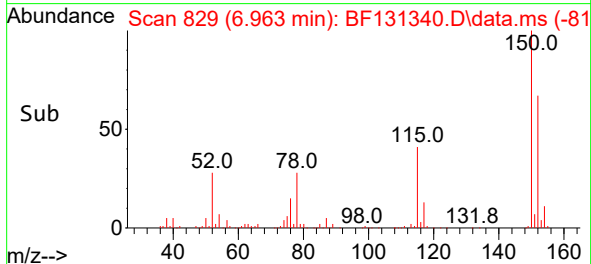
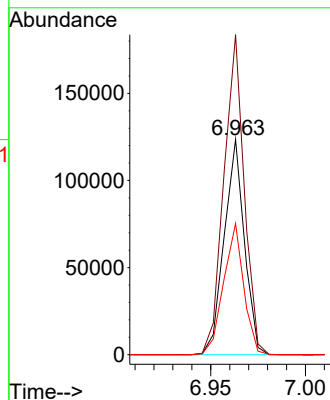
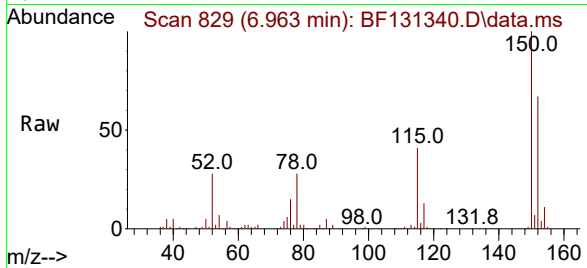




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

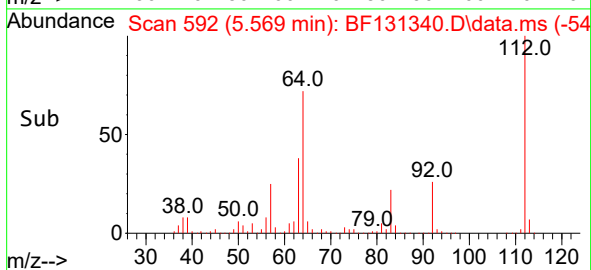
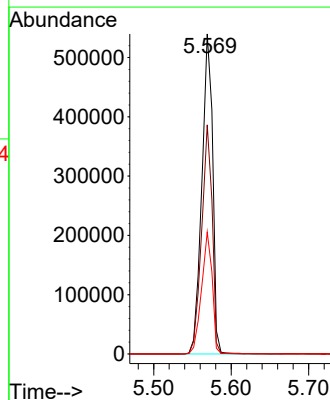
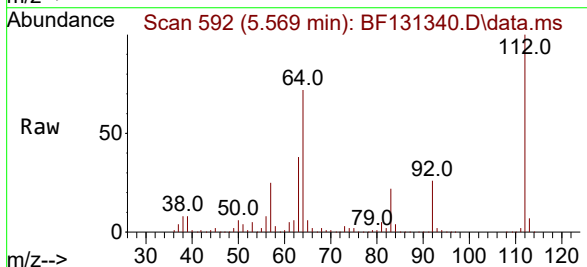
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

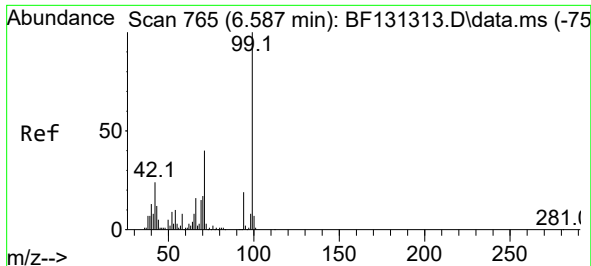
Tgt Ion:152 Resp: 91764
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 108.719 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.000 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:112 Resp: 524189
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 38.1 31.4 47.0

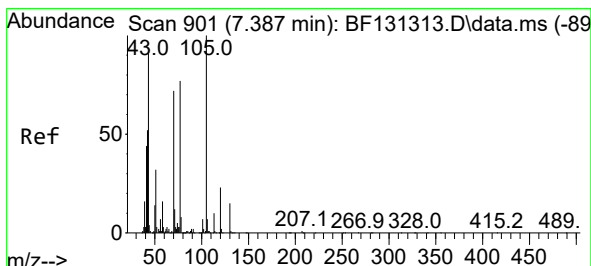
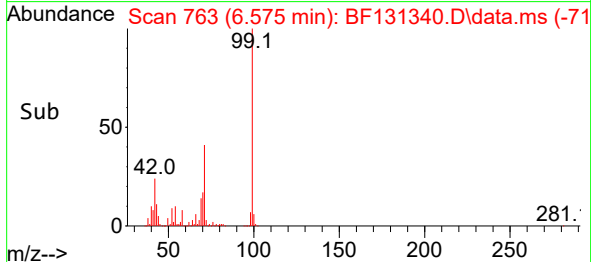
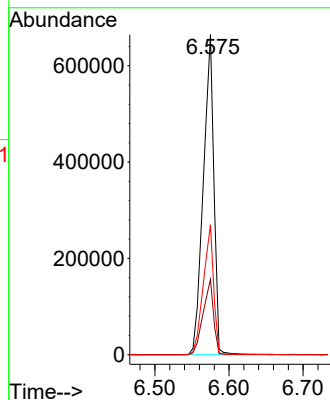
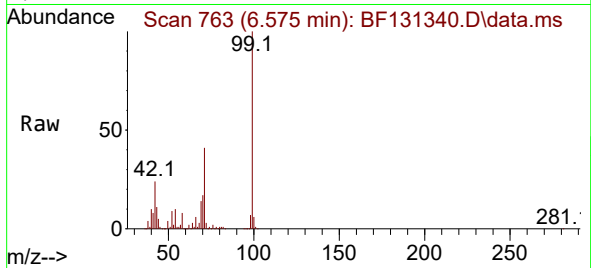




#7
Phenol-d6
Concen: 107.482 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

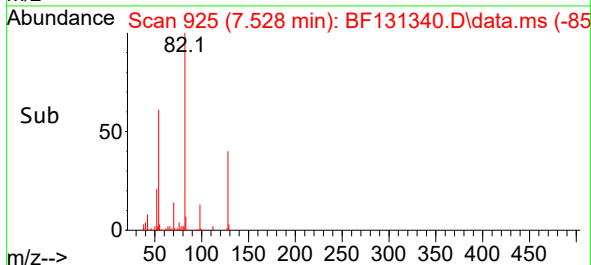
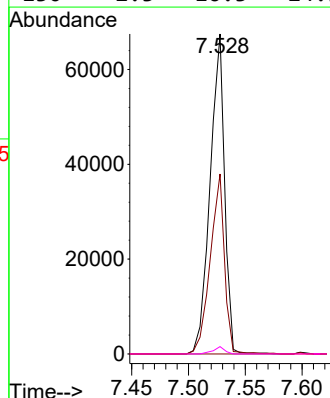
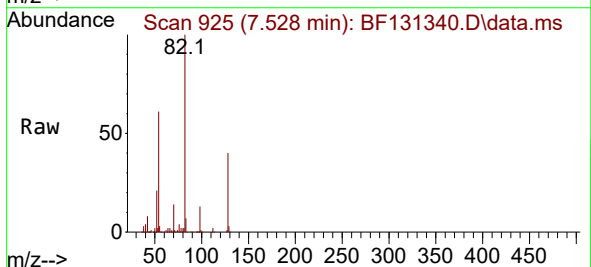
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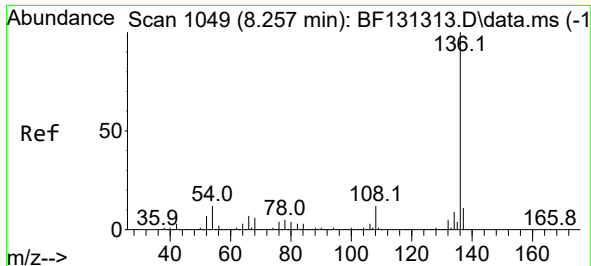
Tgt Ion: 99 Resp: 661197
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 40.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.262 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion: 70 Resp: 59724
Ion Ratio Lower Upper
70 100
42 56.3 57.6 86.4#
101 0.0 8.2 12.2#
130 2.3 16.3 24.5#



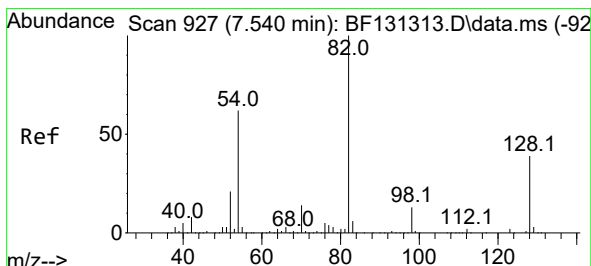
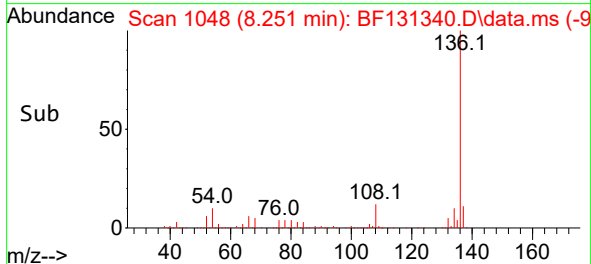
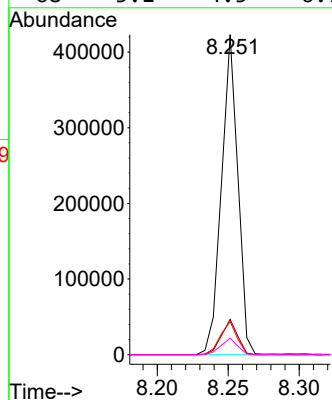
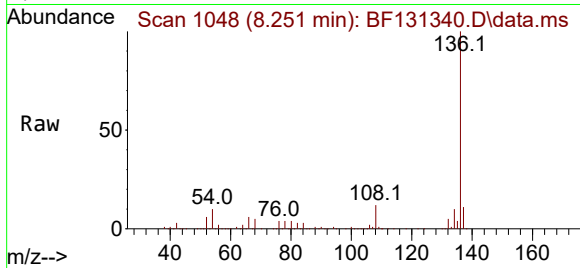


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

Tgt Ion:136 Resp: 338640

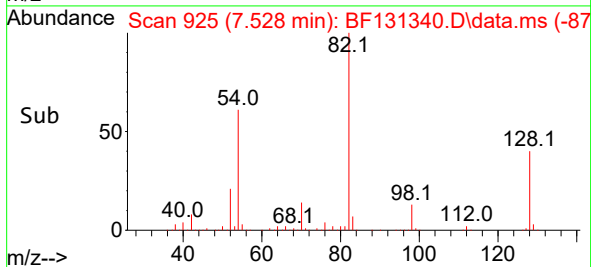
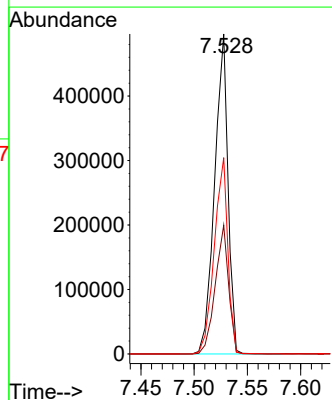
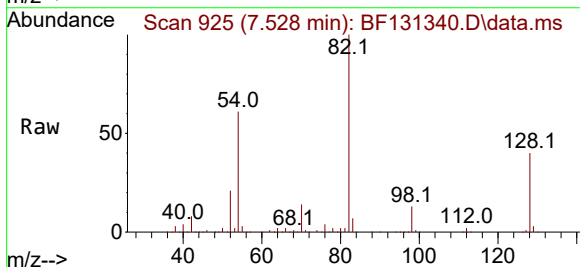
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.4	9.4	14.0
68	5.1	4.5	6.7

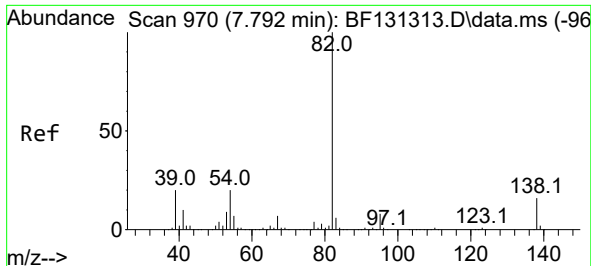


#23
Nitrobenzene-d5
Concen: 64.434 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion: 82 Resp: 432858

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.4	47.0
54	61.4	49.8	74.6

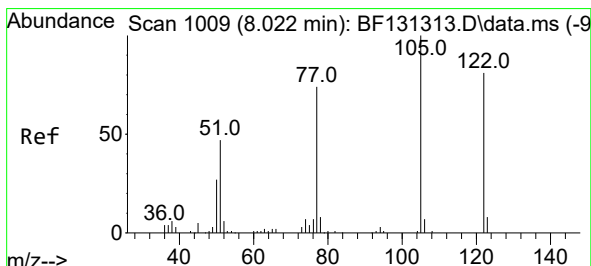
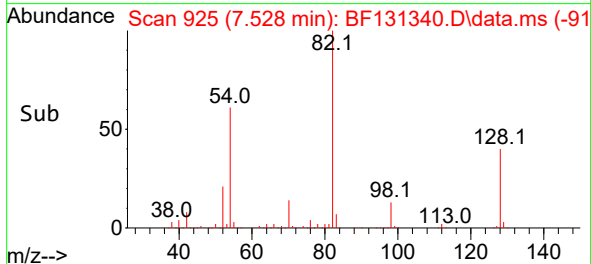
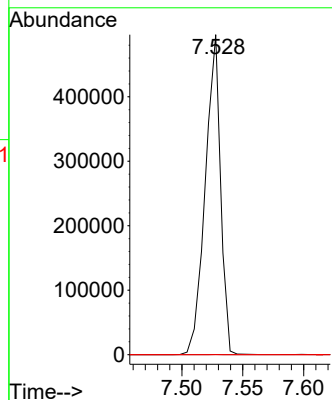
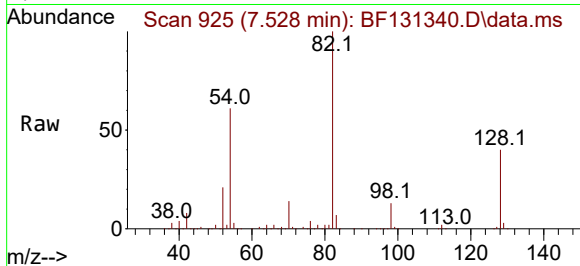




#25
Isophorone
Concen: 36.043 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

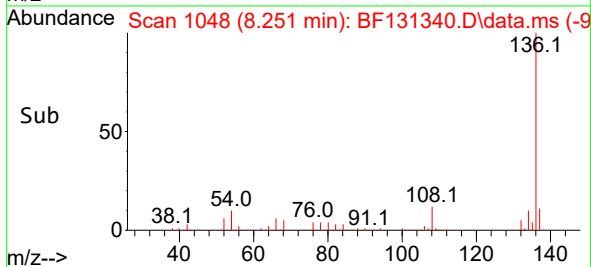
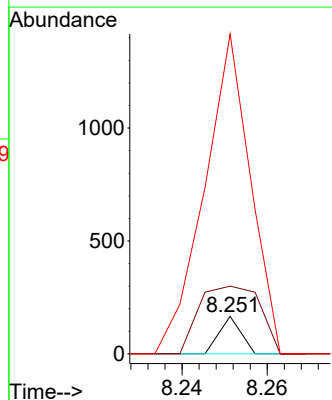
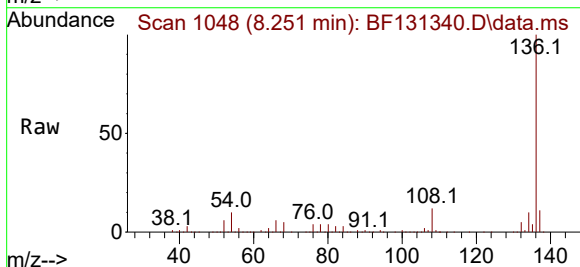
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

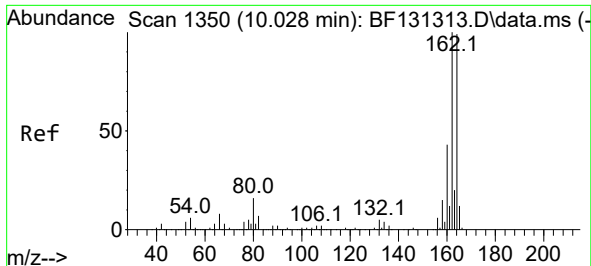
Tgt Ion: 82 Resp: 431987
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.150 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.229 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 180.7 103.8 143.8#
77 853.6 74.3 114.3#

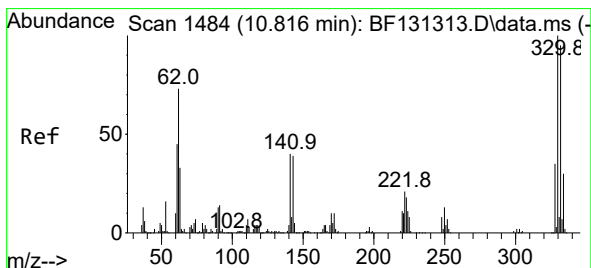
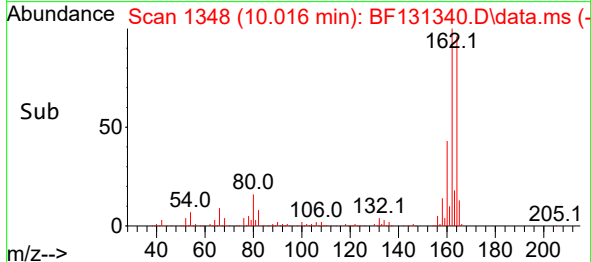
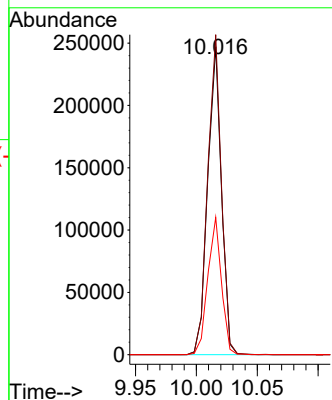
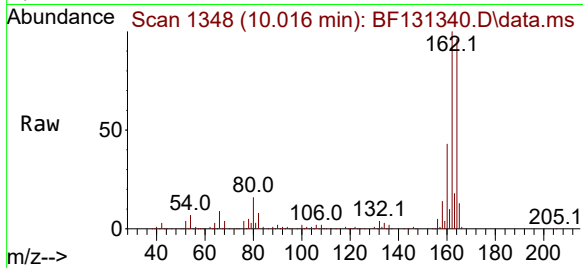




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

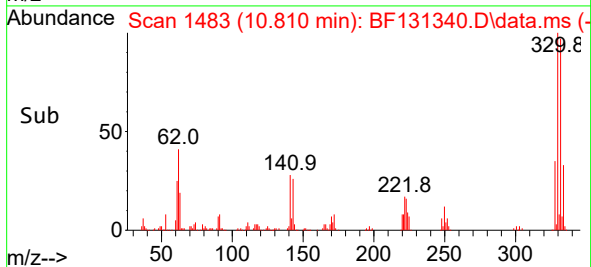
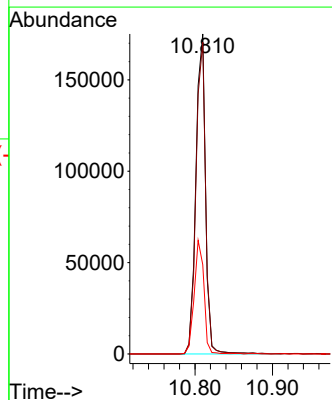
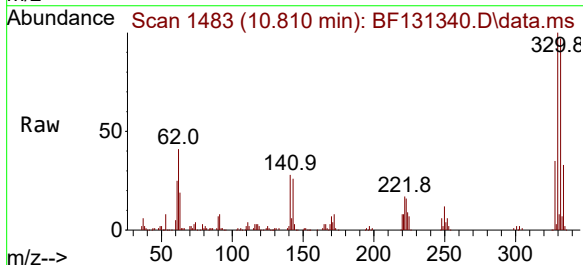
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

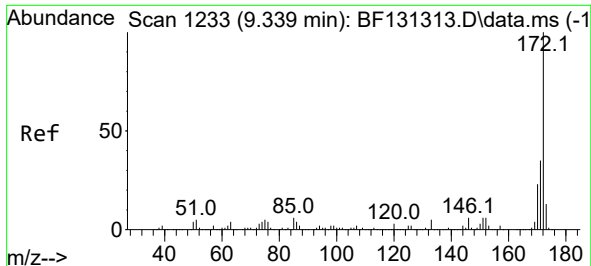
Tgt Ion:164 Resp: 193653
Ion Ratio Lower Upper
164 100
162 103.9 80.6 120.8
160 44.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 92.934 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:330 Resp: 151410
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 35.5 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 62.125 ng

RT: 9.334 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131340.D

Acq: 22 Nov 2022 20:40

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-33

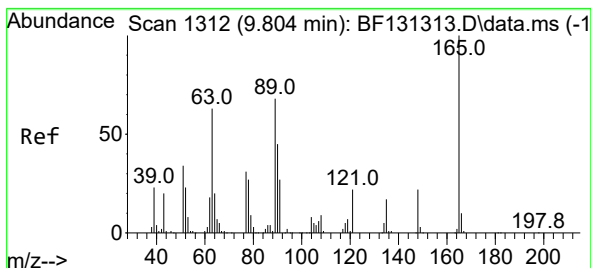
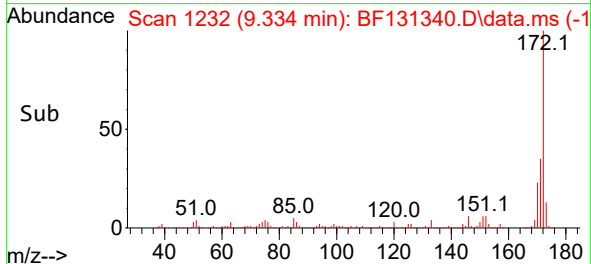
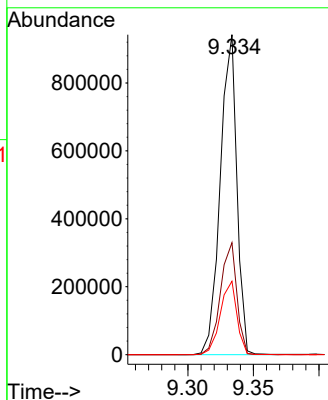
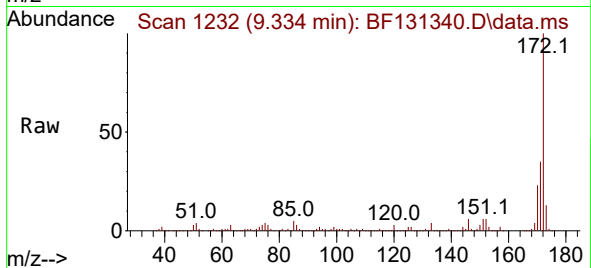
Tgt Ion:172 Resp: 826952

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.0 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.155 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131340.D

Acq: 22 Nov 2022 20:40

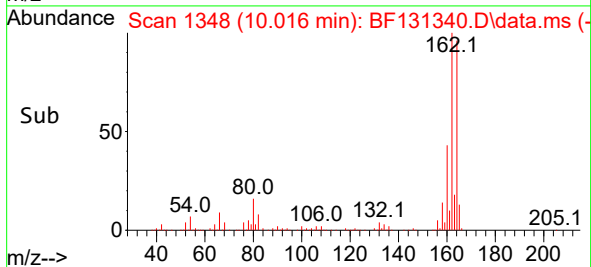
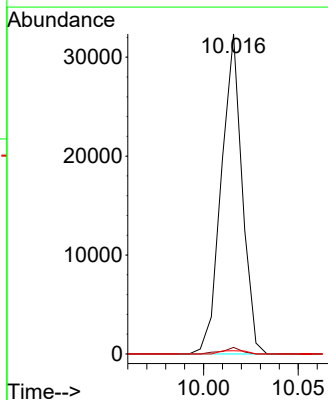
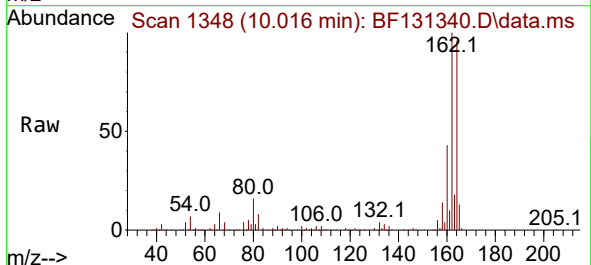
Tgt Ion:165 Resp: 24702

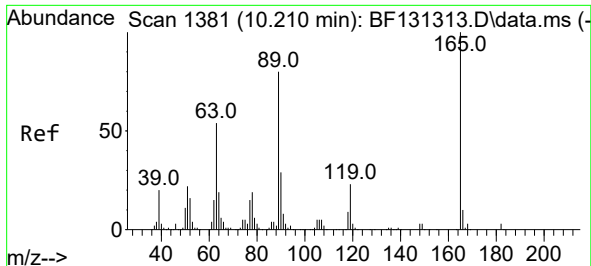
Ion Ratio Lower Upper

165 100

63 2.1 62.0 93.0#

89 1.0 54.4 81.6#

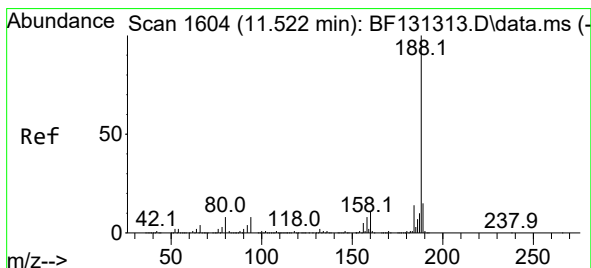
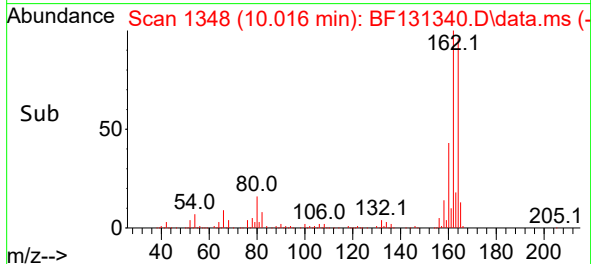
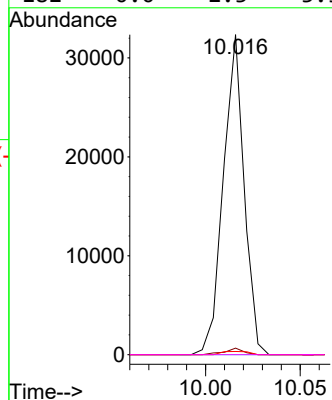
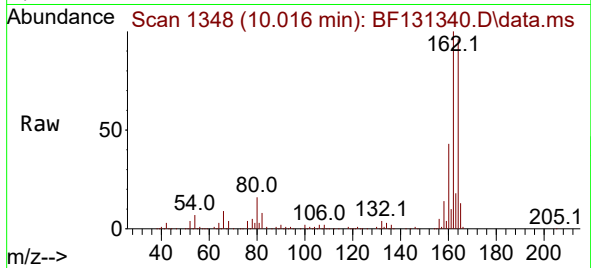




#57
2,4-Dinitrotoluene
Concen: 7.276 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

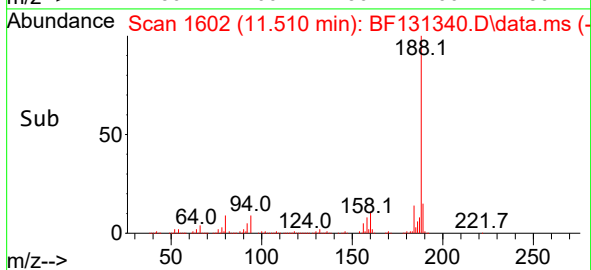
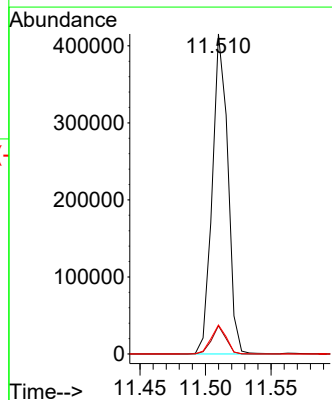
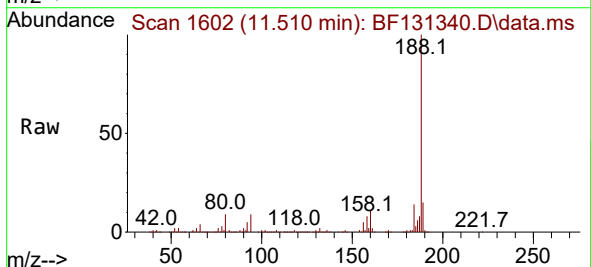
Instrument :
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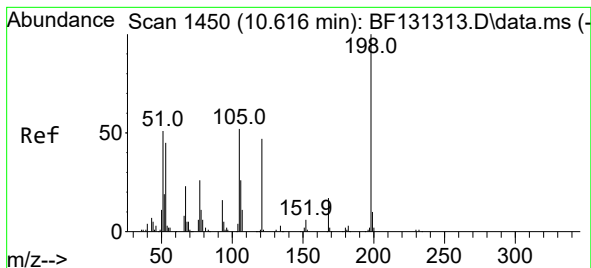
Tgt Ion:165 Resp: 24702
Ion Ratio Lower Upper
165 100
63 2.1 43.4 65.2#
89 1.0 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:188 Resp: 343809
Ion Ratio Lower Upper
188 100
94 8.8 6.3 9.5
80 9.1 6.8 10.2

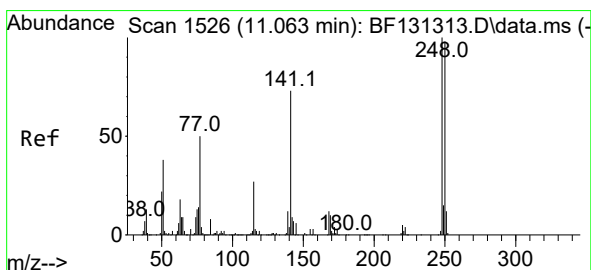
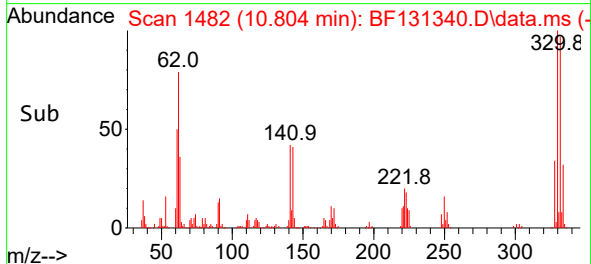
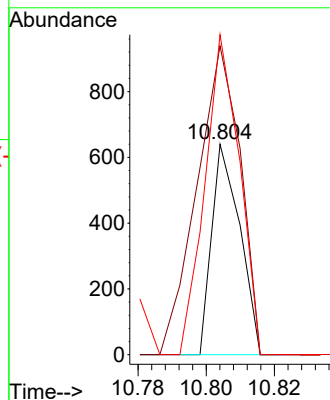
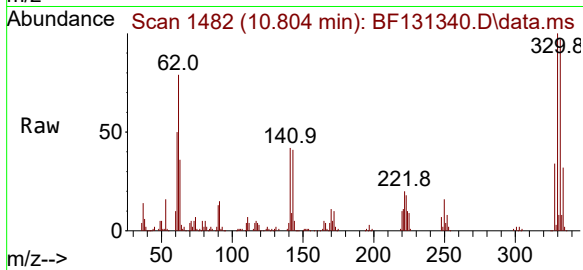




#65
4,6-Dinitro-2-methylphenol
Concen: 4.851 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.188 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

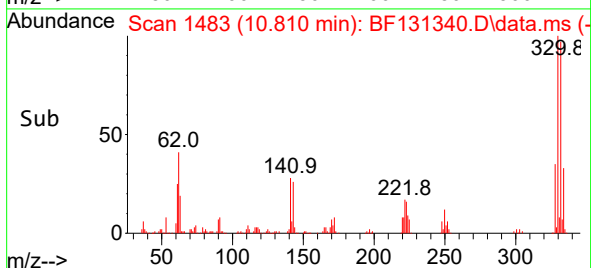
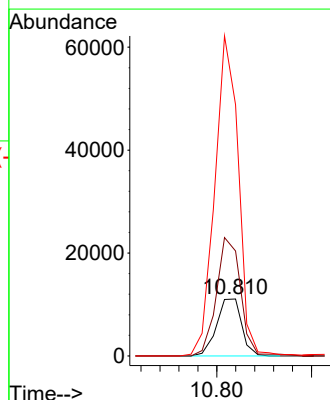
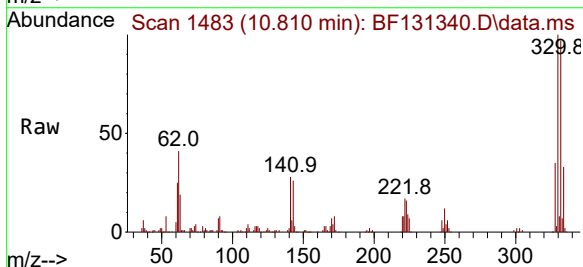
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

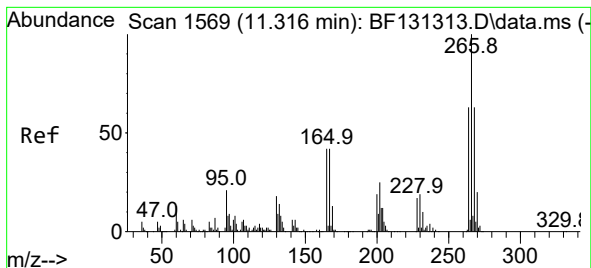
Tgt Ion:198 Resp: 365
Ion Ratio Lower Upper
198 100
51 146.7 50.1 90.1#
105 152.0 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 2.415 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.253 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:248 Resp: 10178
Ion Ratio Lower Upper
248 100
250 184.5 78.3 117.5#
141 441.4 58.0 87.0#





#70

Pentachlorophenol

Concen: 5.024 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.030 min

Lab File: BF131340.D

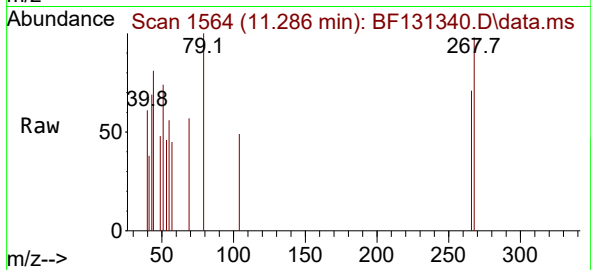
Acq: 22 Nov 2022 20:40

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-33



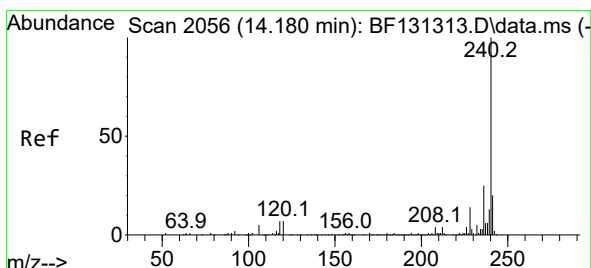
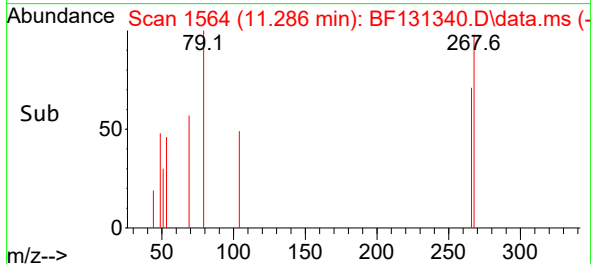
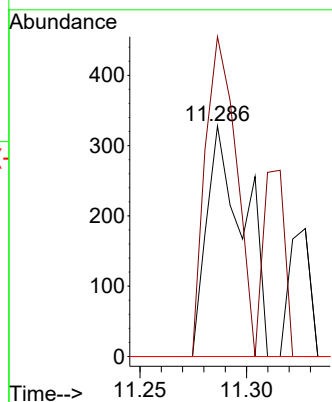
Tgt Ion:266 Resp: 403

Ion Ratio Lower Upper

266 100

268 138.7 50.6 75.8#

264 0.0 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.169 min Scan# 2054

Delta R.T. -0.012 min

Lab File: BF131340.D

Acq: 22 Nov 2022 20:40

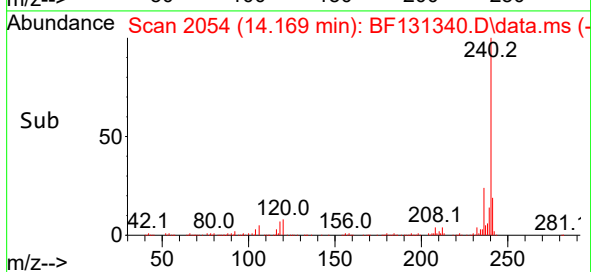
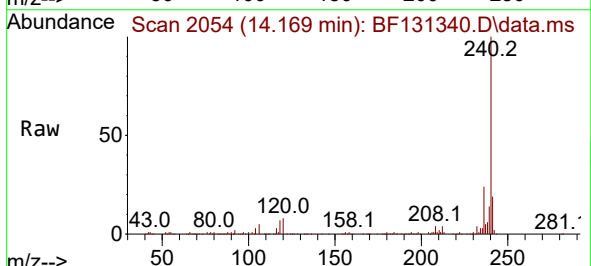
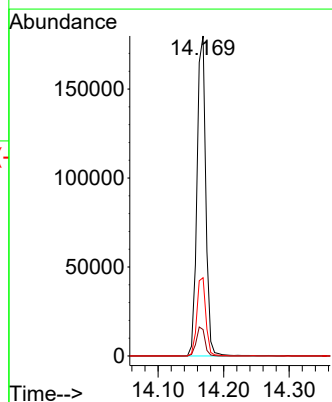
Tgt Ion:240 Resp: 168111

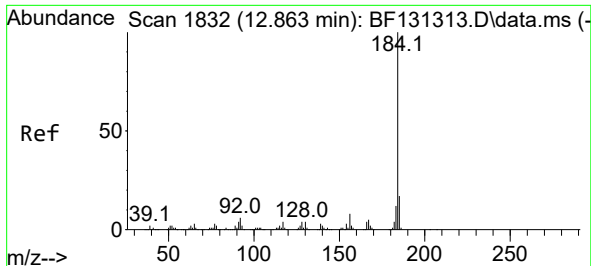
Ion Ratio Lower Upper

240 100

120 8.2 5.8 8.8

236 24.4 20.3 30.5

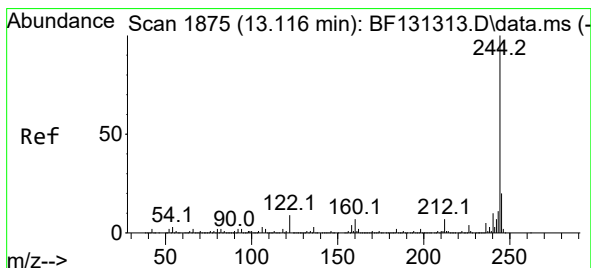
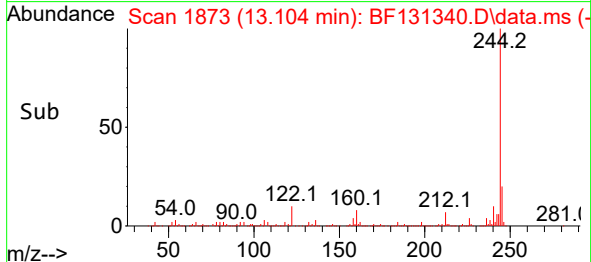
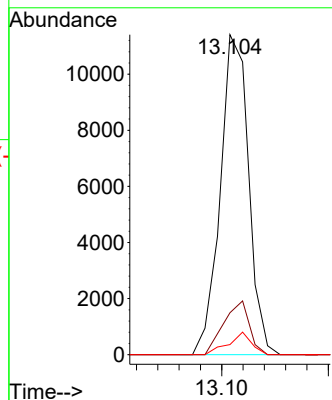
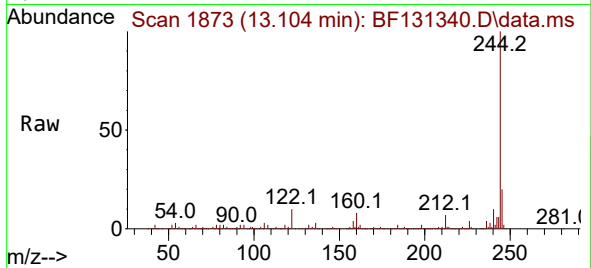




#77
Benzidine
Concen: 3.390 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.241 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

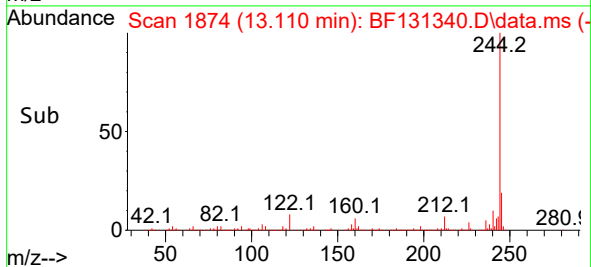
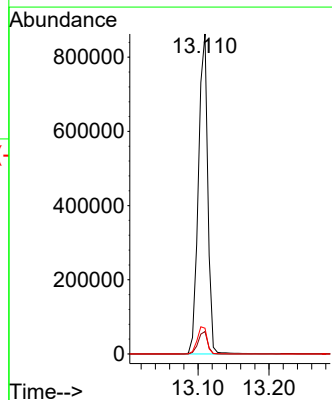
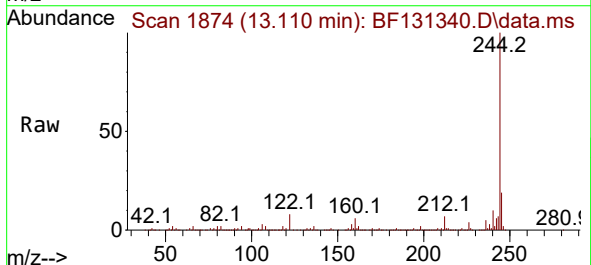
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

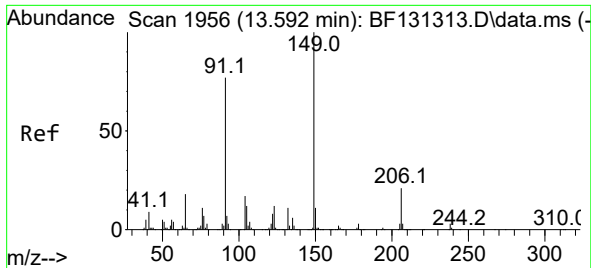
Tgt Ion:184 Resp: 10526
Ion Ratio Lower Upper
184 100
185 13.1 13.8 20.8#
183 3.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 77.099 ng
RT: 13.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:244 Resp: 792604
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.0 7.5 11.3

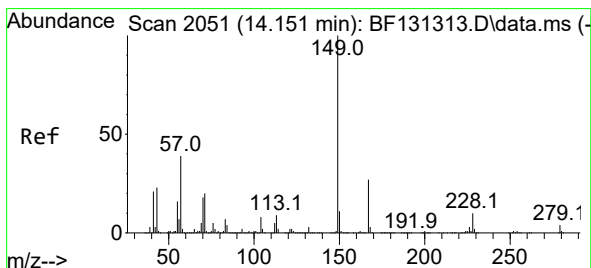
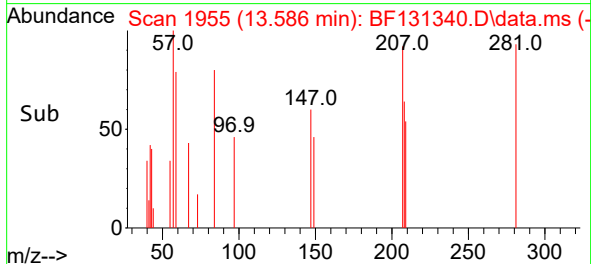
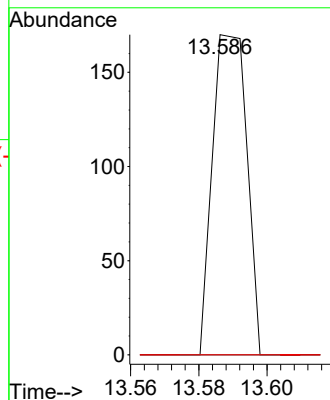
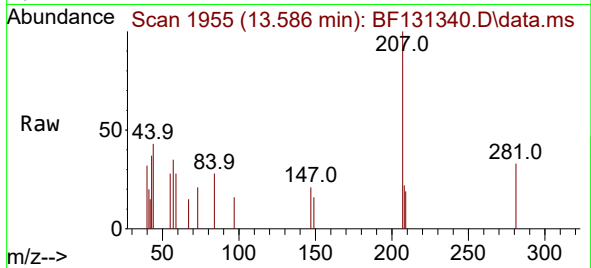




#80
Butylbenzylphthalate
Concen: 4.165 ng
RT: 13.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

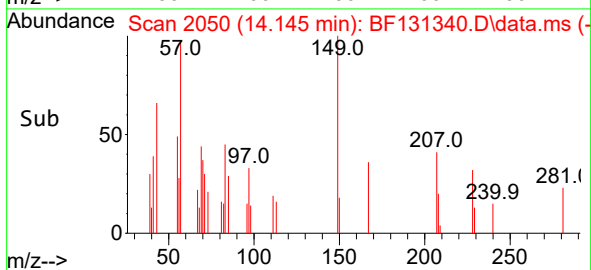
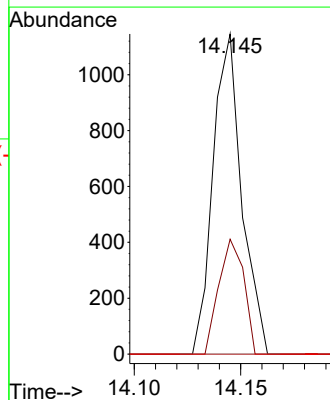
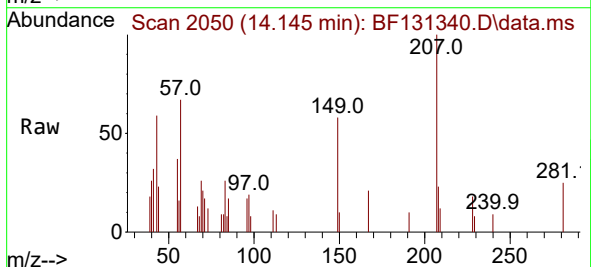
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

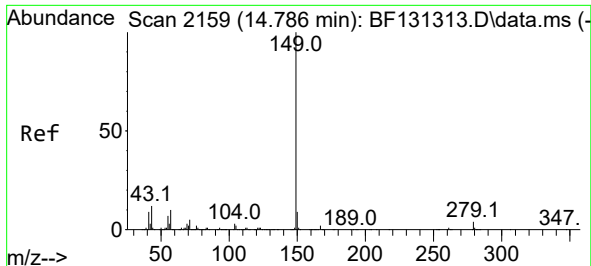
Tgt Ion:149 Resp: 119
Ion Ratio Lower Upper
149 100
91 0.0 61.9 92.9#
206 0.0 16.5 24.7#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.898 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:149 Resp: 1072
Ion Ratio Lower Upper
149 100
167 35.9 21.9 32.9#
279 0.0 3.0 4.4#

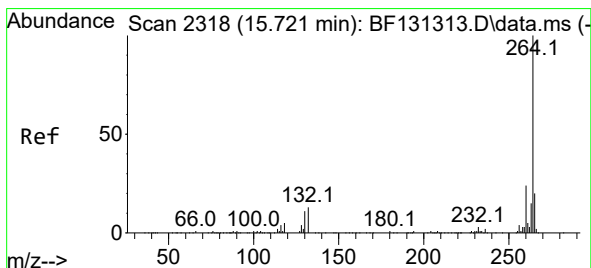
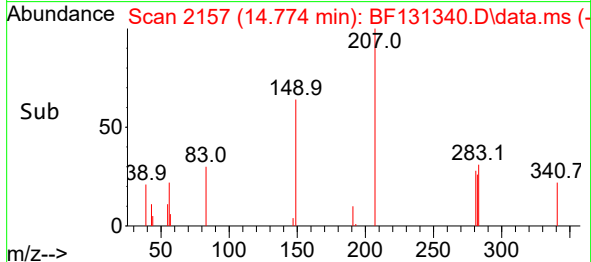
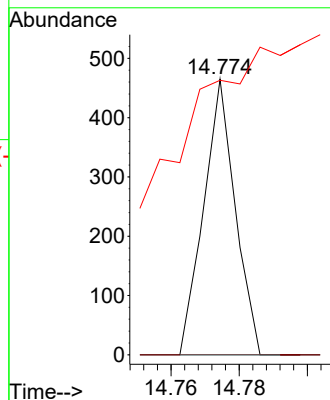
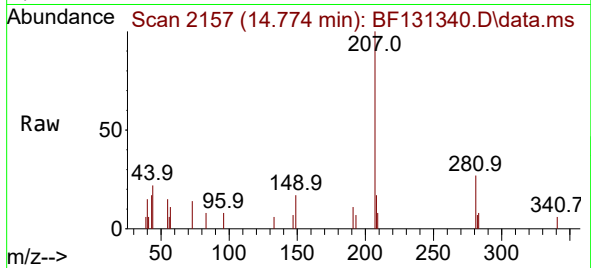




#85
Di-n-octyl phthalate
Concen: 3.938 ng
RT: 14.774 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-33

Tgt Ion:149 Resp: 299
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. -0.012 min
Lab File: BF131340.D
Acq: 22 Nov 2022 20:40

Tgt Ion:264 Resp: 187982
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 19.8 16.4 24.6

