

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131376.D
 Acq On : 23 Nov 2022 23:16
 Operator : CG\JU
 Sample : N5642-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-27

Quant Time: Nov 24 05:58:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

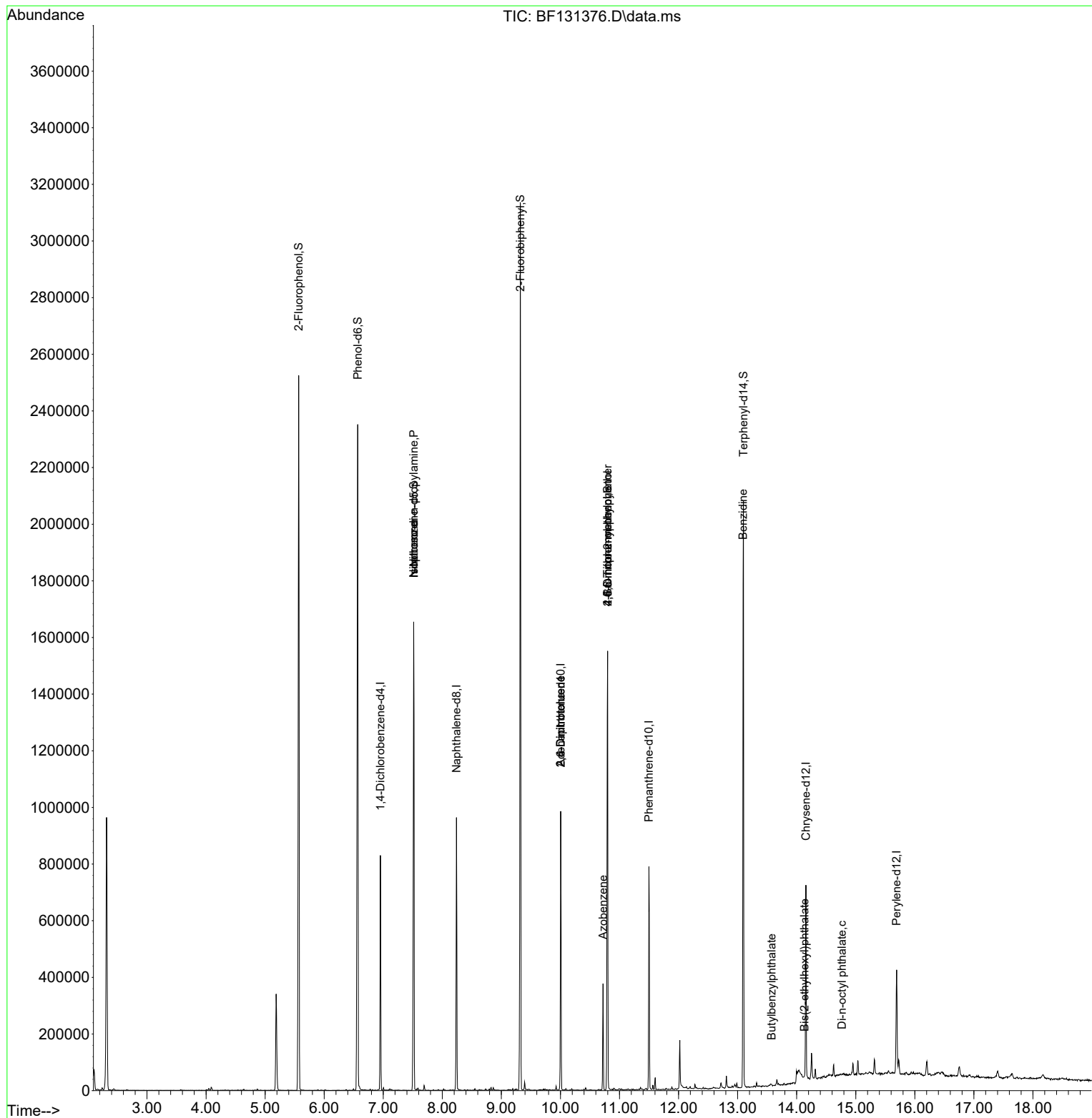
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	108257	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	377051	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	188654	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	279816	20.000	ng	0.00
76) Chrysene-d12	14.157	240	214133	20.000	ng	0.00
86) Perylene-d12	15.692	264	176683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	660472	116.115	ng	0.01
7) Phenol-d6	6.569	99	811090	111.761	ng	0.00
23) Nitrobenzene-d5	7.516	82	532437	71.182	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	168253	106.009	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	887026	68.404	ng	0.00
79) Terphenyl-d14	13.098	244	721960	55.134	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	65	Below Cal	#	25
19) n-Nitroso-di-n-propyla...	7.516	70	73366	13.809	ng	# 75
25) Isophorone	7.516	82	531624	39.838	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	23501	8.940	ng	# 14
57) 2,4-Dinitrotoluene	10.004	165	23501	7.106	ng	# 18
63) Azobenzene	10.721	77	57107	4.279	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.798	198	581	5.116	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	12202	3.558	ng	# 1
77) Benzidine	13.092	184	9446	2.388	ng	# 94
80) Butylbenzylphthalate	13.574	149	516	4.218	ng	# 61
84) Bis(2-ethylhexyl)phtha...	14.133	149	1660	3.930	ng	# 90
85) Di-n-octyl phthalate	14.768	149	193	3.920	ng	# 1

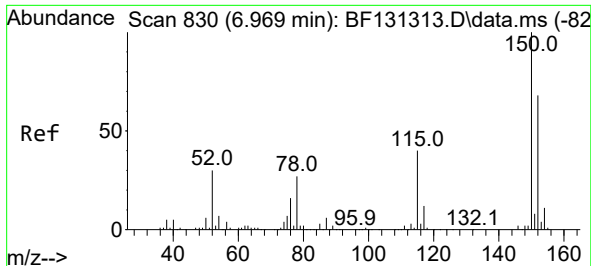
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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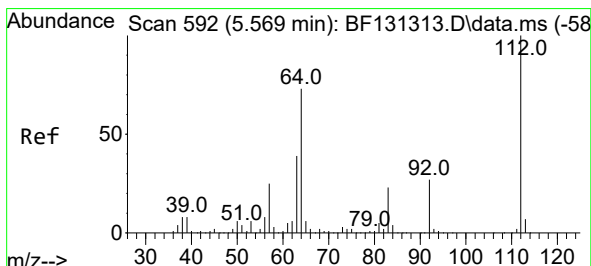
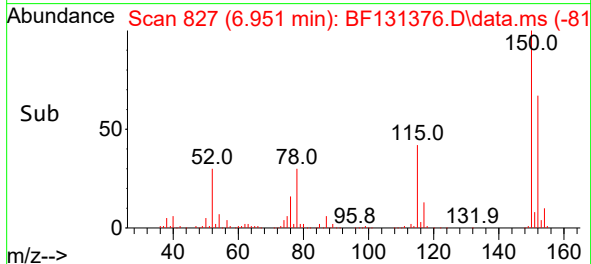
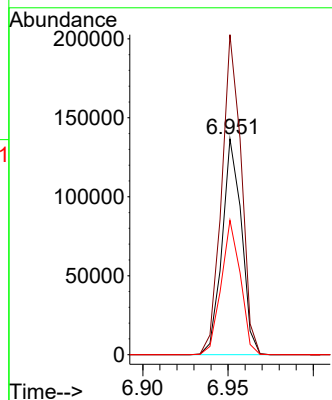
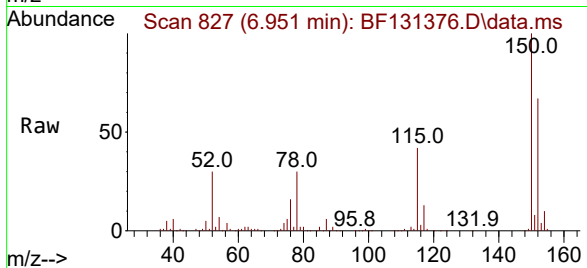




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

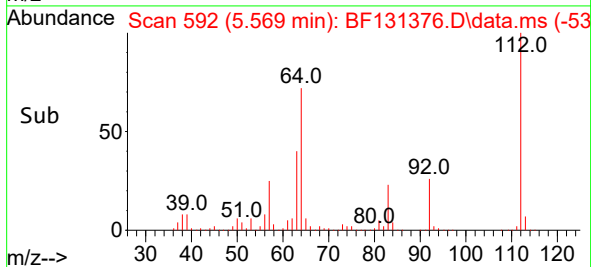
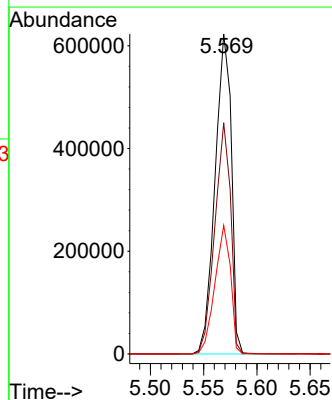
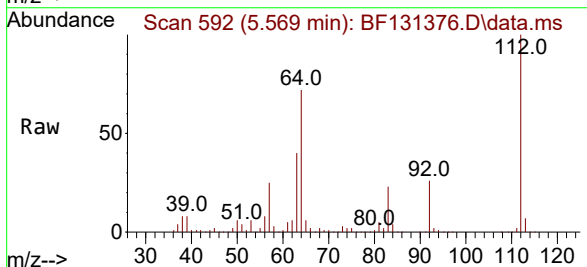
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-27

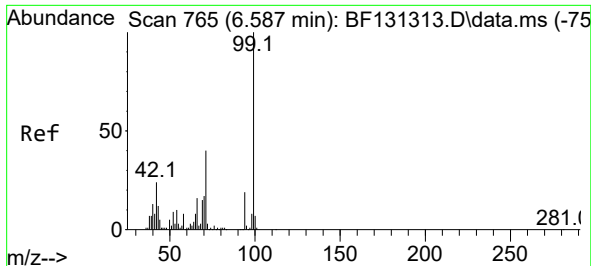
Tgt Ion:152 Resp: 108257
Ion Ratio Lower Upper
152 100
150 148.3 117.8 176.8
115 62.3 47.1 70.7



#5
2-Fluorophenol
Concen: 116.115 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:112 Resp: 660472
Ion Ratio Lower Upper
112 100
64 72.2 58.6 88.0
63 40.1 31.4 47.0

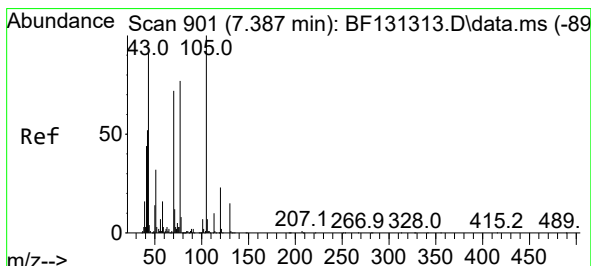
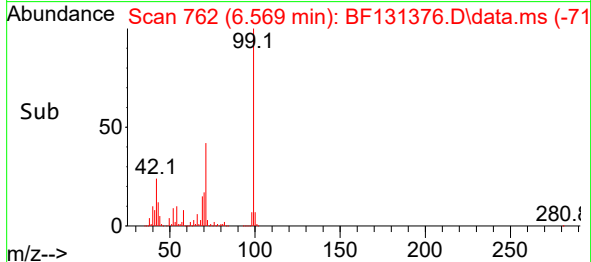
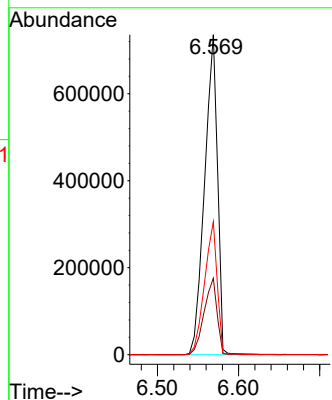
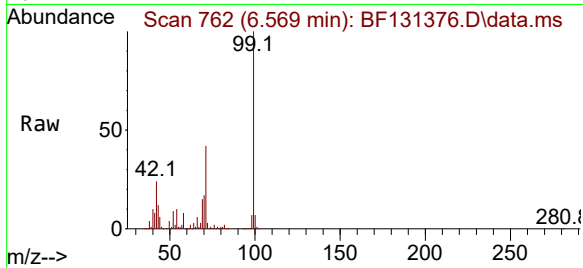




#7
Phenol-d6
Concen: 111.761 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

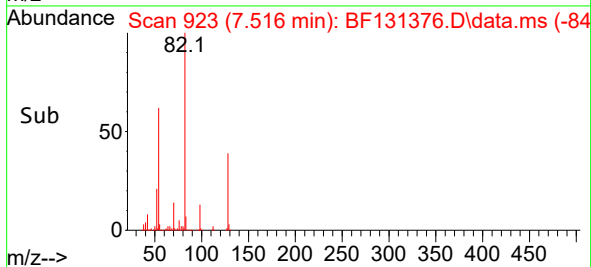
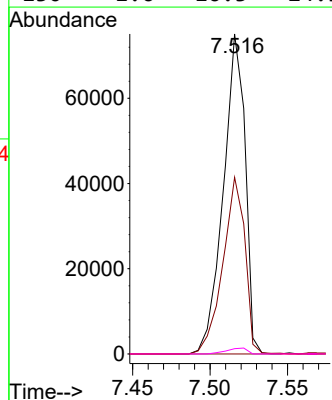
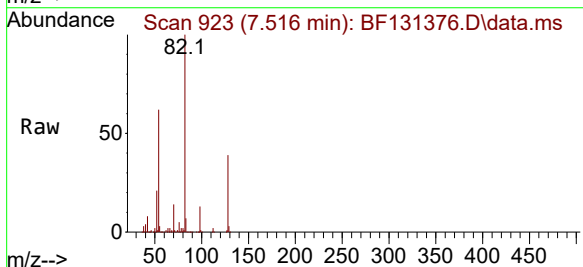
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-27

Tgt Ion: 99 Resp: 811090
Ion Ratio Lower Upper
99 100
42 23.9 19.4 29.2
71 41.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.809 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion: 70 Resp: 73366
Ion Ratio Lower Upper
70 100
42 55.2 57.6 86.4#
101 0.0 8.2 12.2#
130 1.6 16.3 24.5#

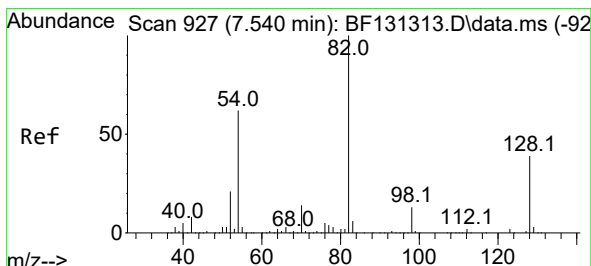
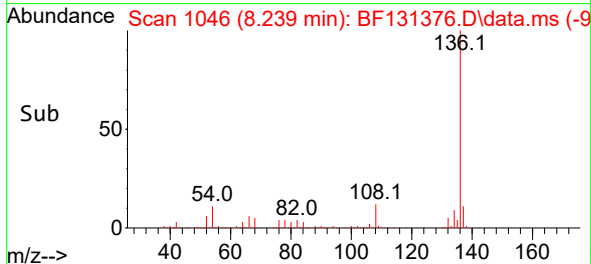
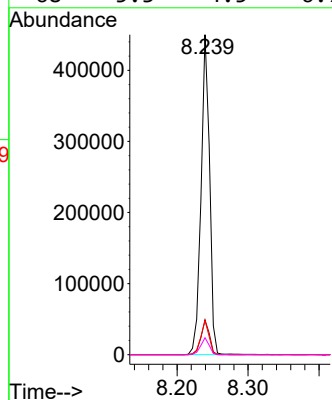
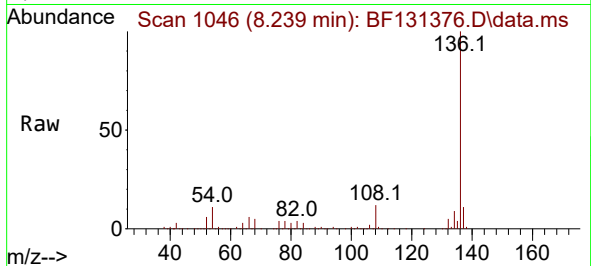




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

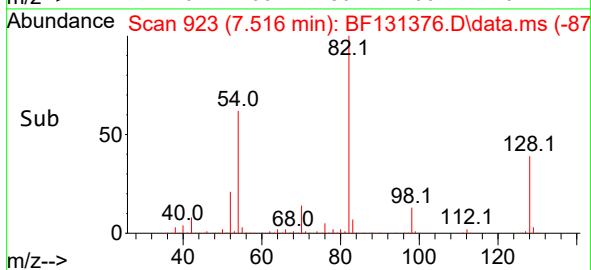
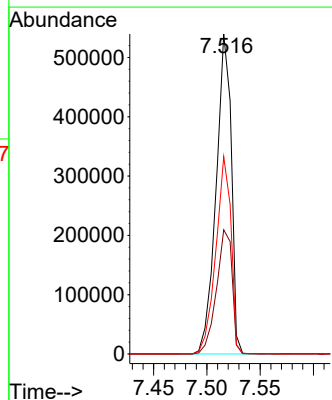
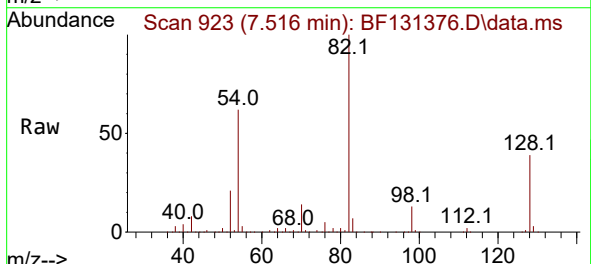
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-27

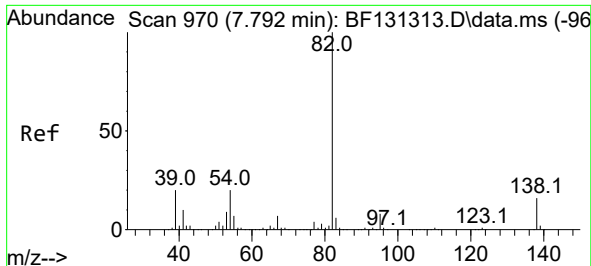
Tgt Ion:	136	Resp:	377051
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.6	9.4	14.0
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 71.182 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:	82	Resp:	532437
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.4	47.0
54	61.6	49.8	74.6

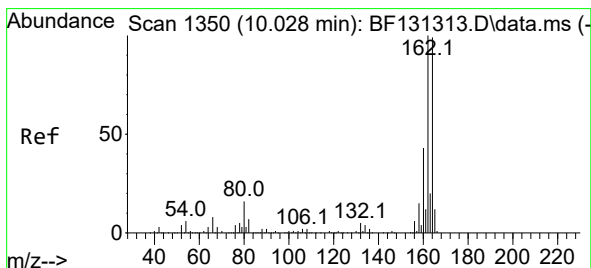
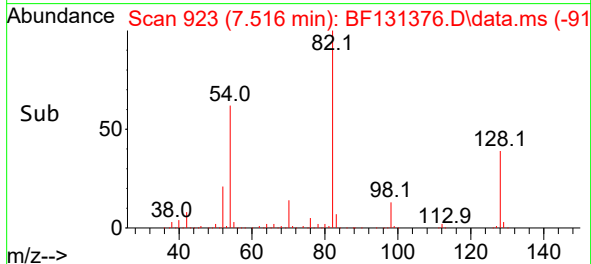
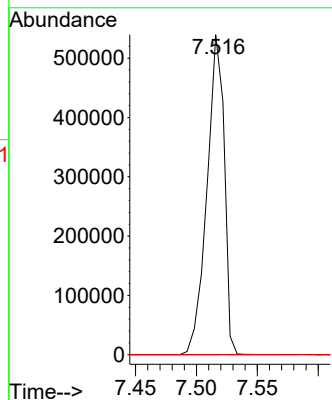
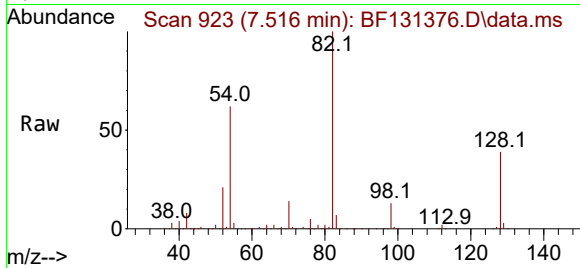




#25
Isophorone
Concen: 39.838 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

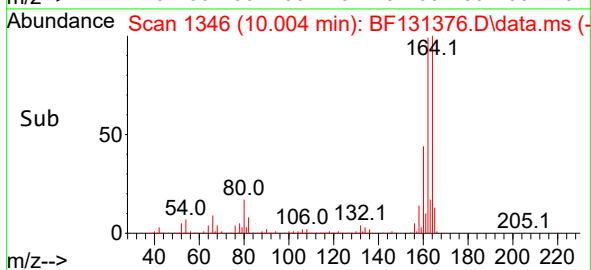
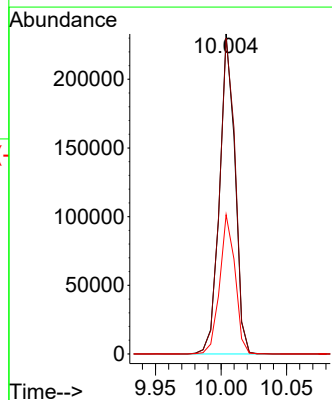
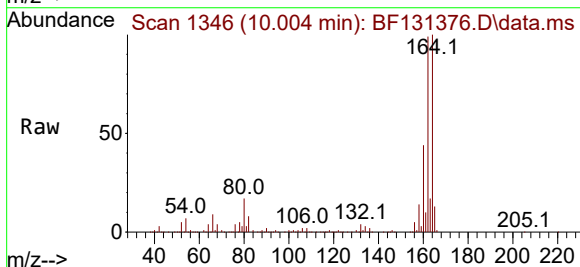
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ClientSampleId :
RIGHT-SIDE-FLATS-27

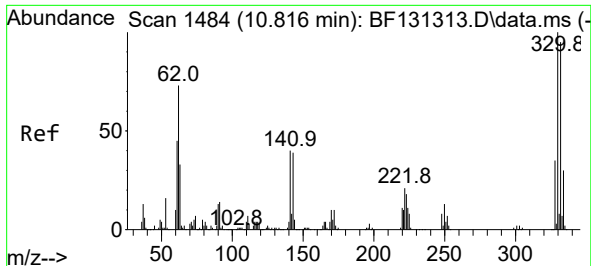
Tgt Ion: 82 Resp: 531624
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:164 Resp: 188654
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 43.5 34.4 51.6

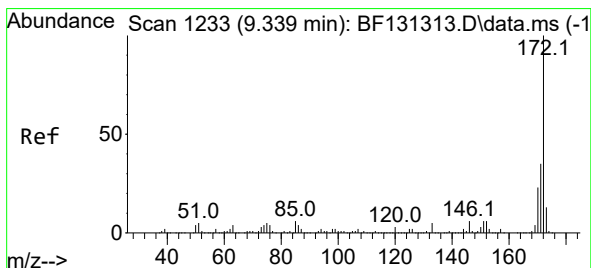
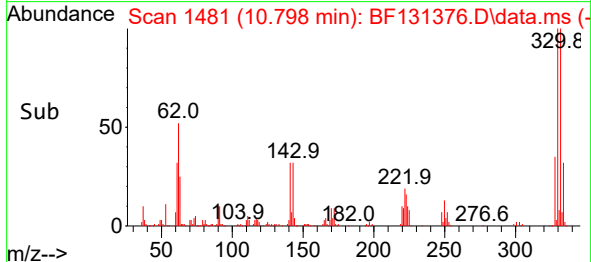
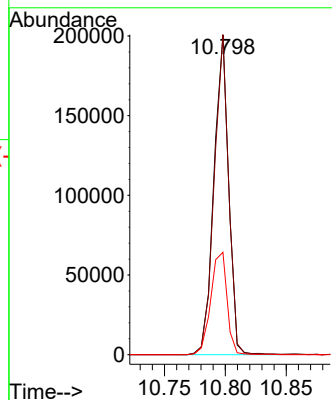
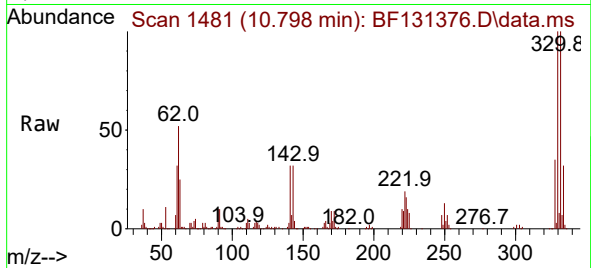




#42
2,4,6-Tribromophenol
Concen: 106.009 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

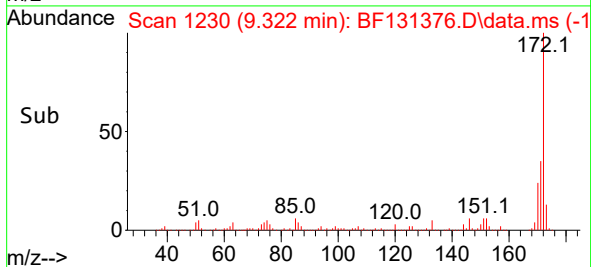
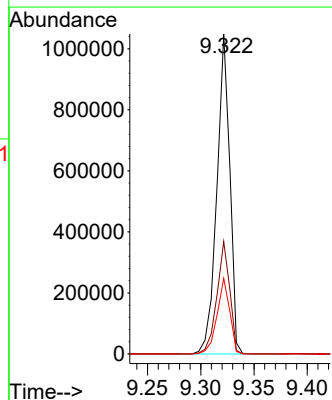
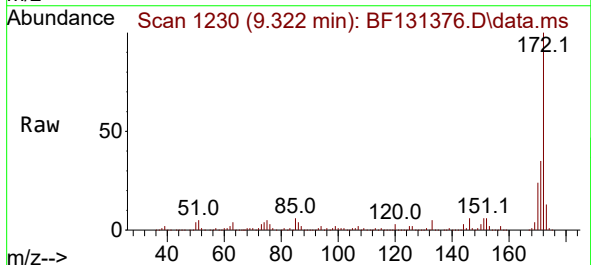
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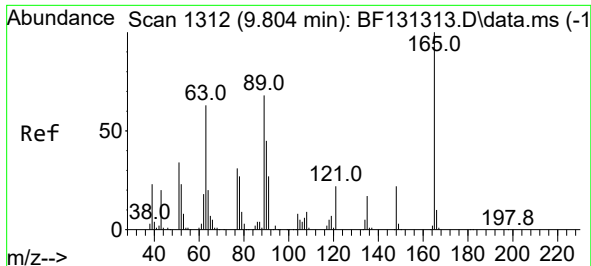
Tgt Ion:330 Resp: 168253
Ion Ratio Lower Upper
330 100
332 98.3 77.5 116.3
141 35.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 68.404 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:172 Resp: 887026
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.7 18.7 28.1

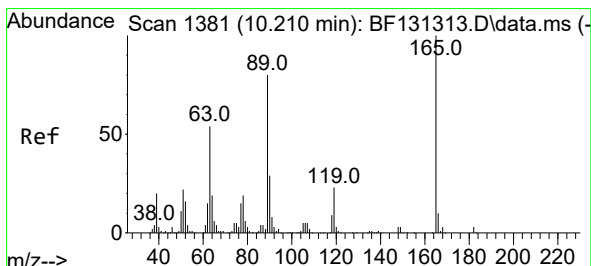
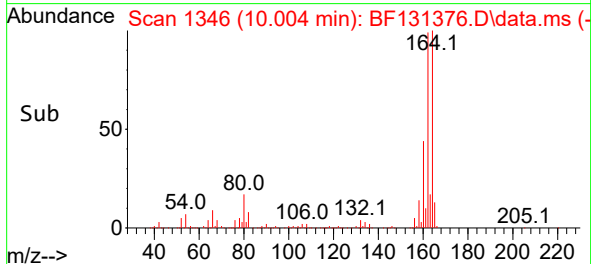
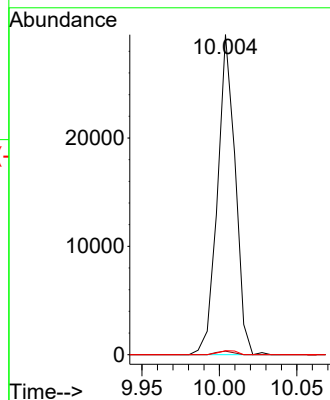
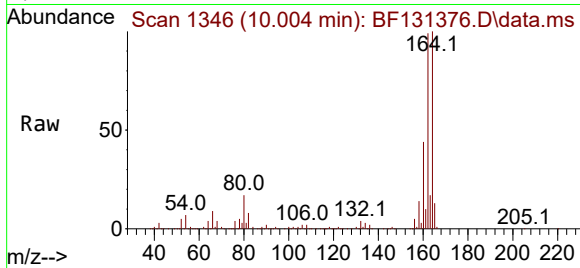




#51
2,6-Dinitrotoluene
Concen: 8.940 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

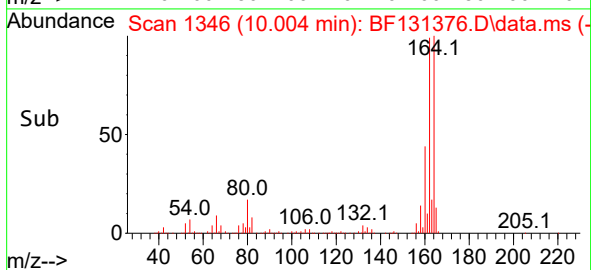
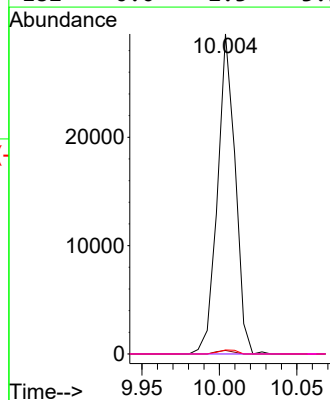
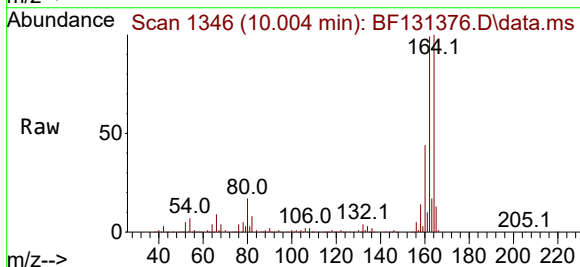
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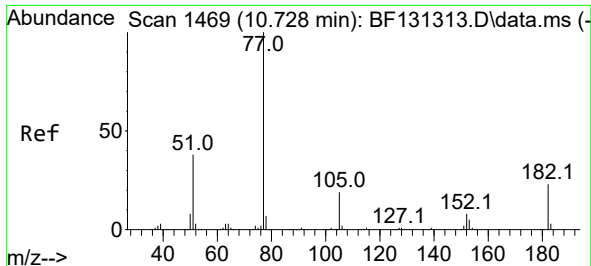
Tgt Ion:165 Resp: 23501
Ion Ratio Lower Upper
165 100
63 1.1 62.0 93.0#
89 1.2 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.106 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:165 Resp: 23501
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.2 64.0 96.0#
182 0.0 2.3 3.5#

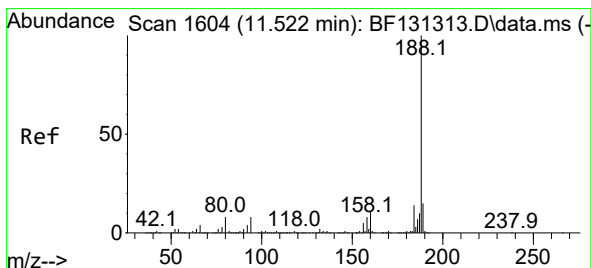
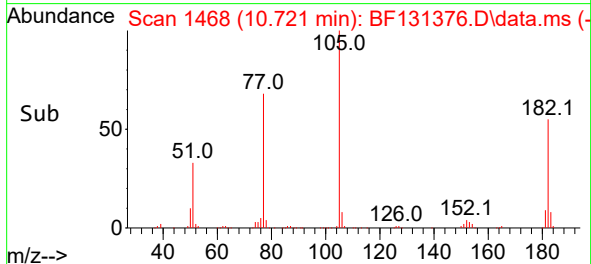
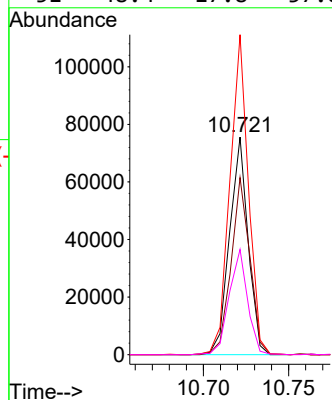
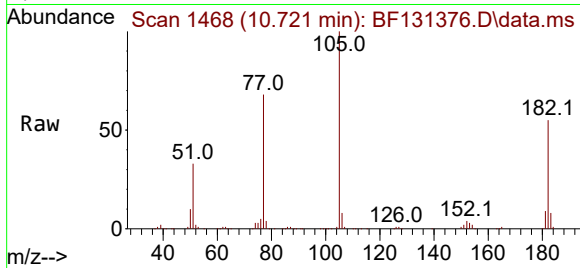




#63
 Azobenzene
 Concen: 4.279 ng
 RT: 10.721 min Scan# 1468
 Delta R.T. 0.006 min
 Lab File: BF131376.D
 Acq: 23 Nov 2022 23:16

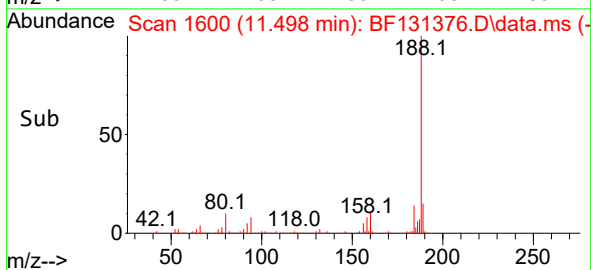
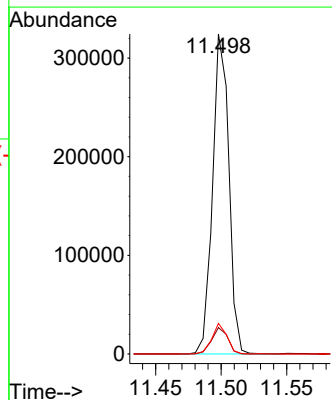
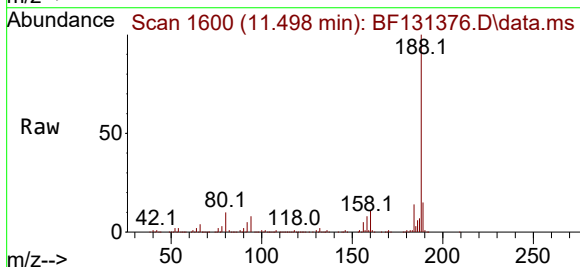
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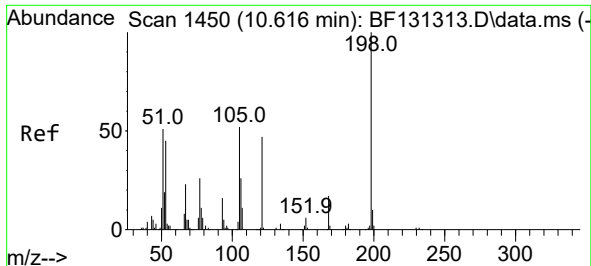
Tgt Ion:	77	Resp:	57107
Ion	Ratio	Lower	Upper
77	100		
182	81.4	3.1	43.1#
105	147.0	0.0	39.2#
51	48.4	17.8	57.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.498 min Scan# 1600
 Delta R.T. -0.006 min
 Lab File: BF131376.D
 Acq: 23 Nov 2022 23:16

Tgt Ion:	188	Resp:	279816
Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.3	9.5
80	9.5	6.8	10.2

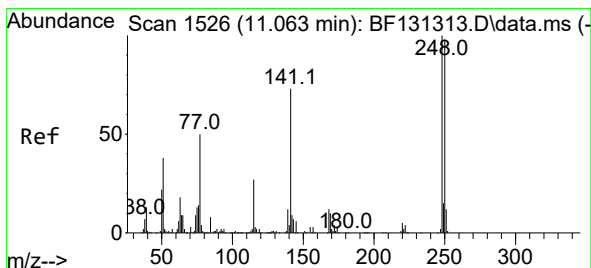
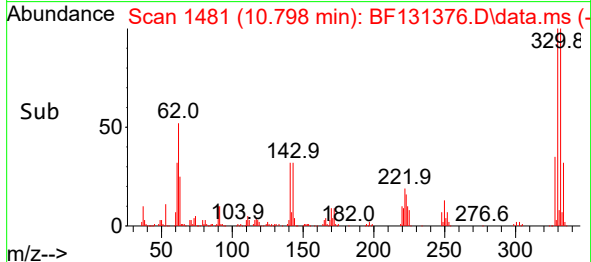
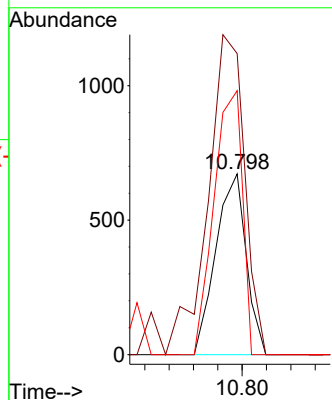
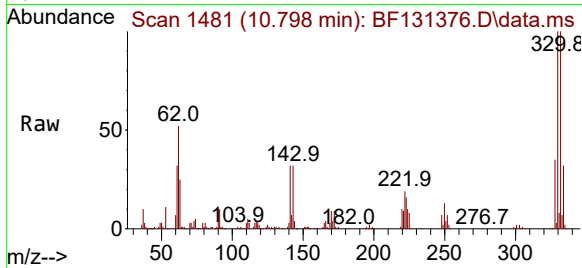




#65
4,6-Dinitro-2-methylphenol
Concen: 5.116 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

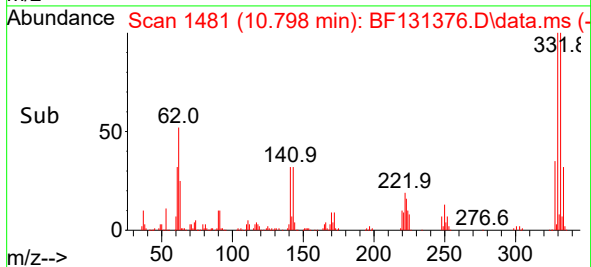
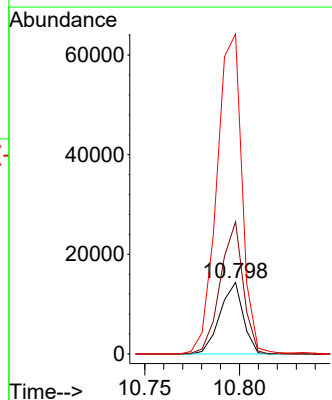
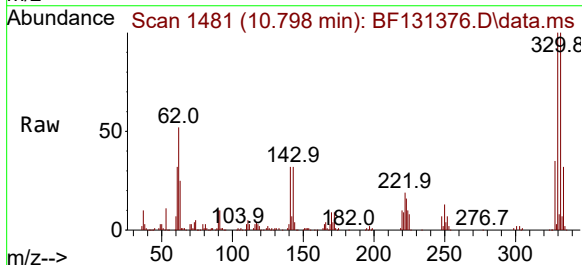
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-27

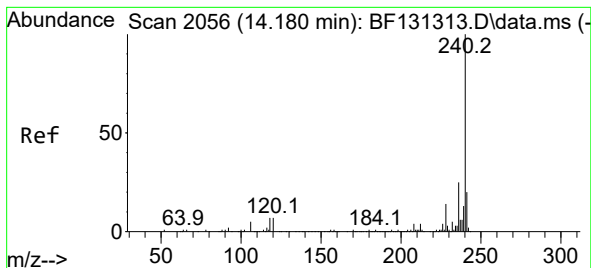
Tgt Ion:198 Resp: 581
Ion Ratio Lower Upper
198 100
51 166.7 50.1 90.1#
105 146.1 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.558 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131376.D
Acq: 23 Nov 2022 23:16

Tgt Ion:248 Resp: 12202
Ion Ratio Lower Upper
248 100
250 184.8 78.3 117.5#
141 447.5 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF131376.D

Acq: 23 Nov 2022 23:16

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-27

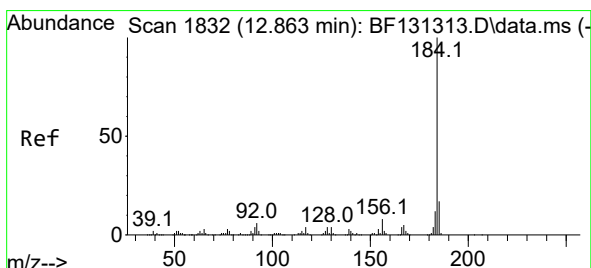
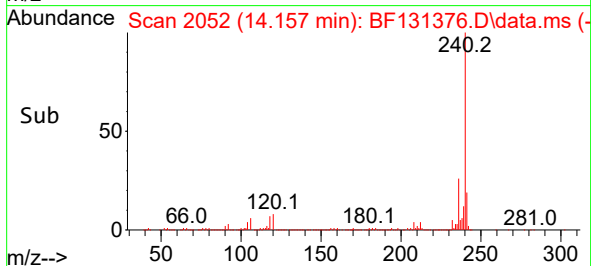
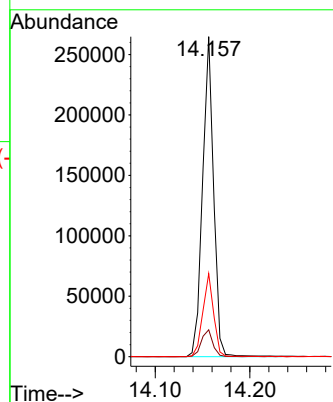
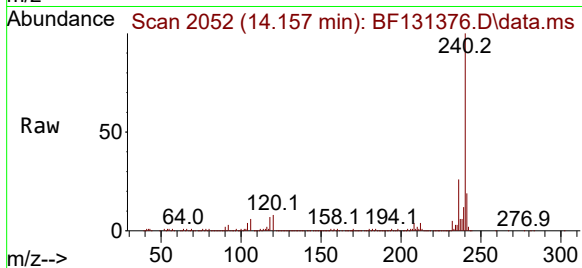
Tgt Ion:240 Resp: 214133

Ion Ratio Lower Upper

240 100

120 8.4 5.8 8.8

236 26.0 20.3 30.5



#77

Benzidine

Concen: 2.388 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.247 min

Lab File: BF131376.D

Acq: 23 Nov 2022 23:16

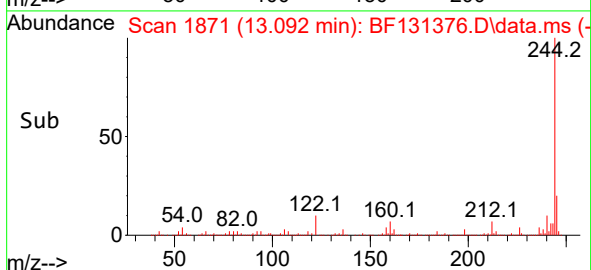
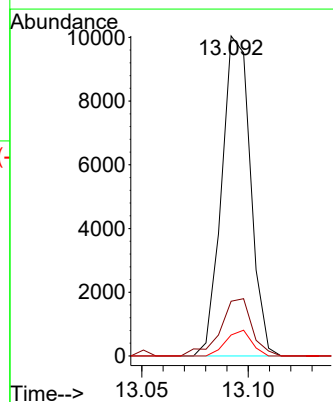
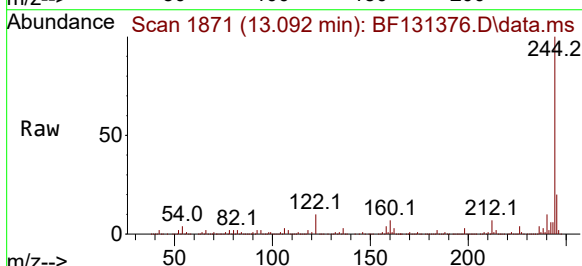
Tgt Ion:184 Resp: 9446

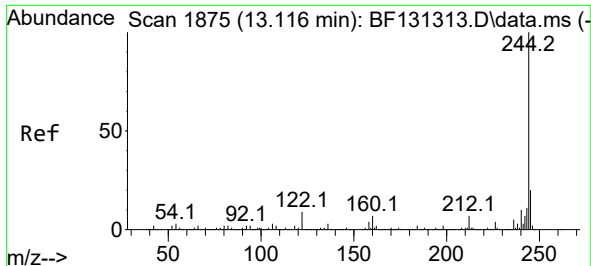
Ion Ratio Lower Upper

184 100

185 17.1 13.8 20.8

183 6.6 9.6 14.4#

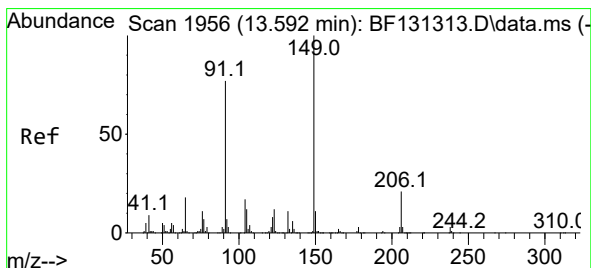
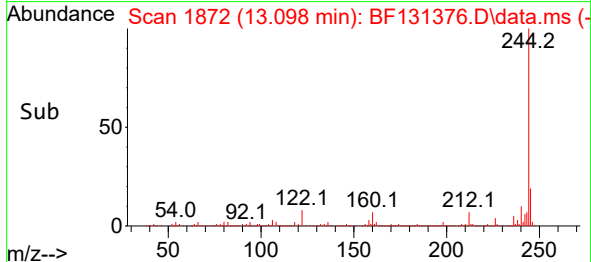
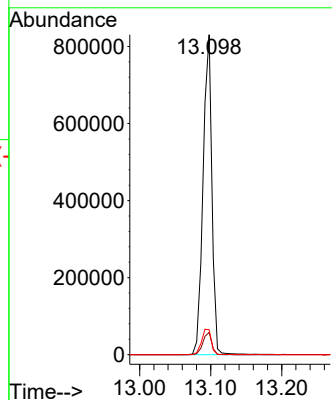
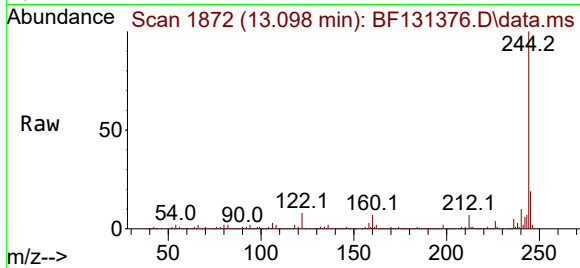




#79
 Terphenyl-d14
 Concen: 55.134 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131376.D
 Acq: 23 Nov 2022 23:16

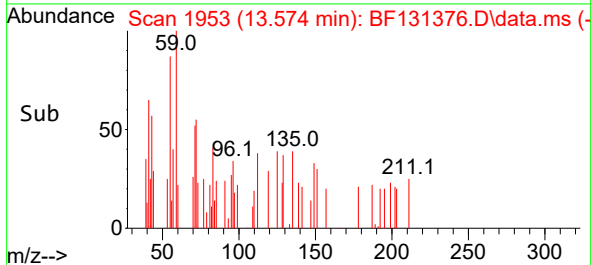
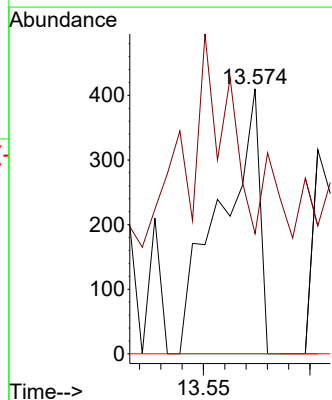
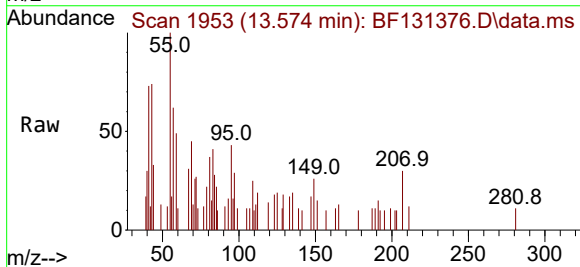
Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-27

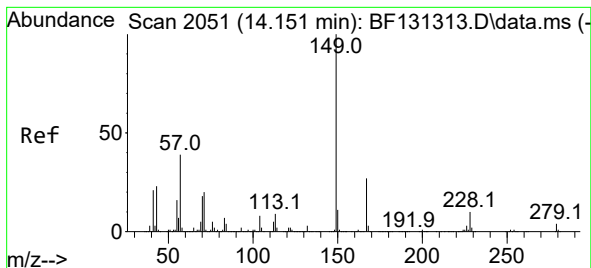
Tgt Ion:244 Resp: 721960
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 7.8 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.218 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: BF131376.D
 Acq: 23 Nov 2022 23:16

Tgt Ion:149 Resp: 516
 Ion Ratio Lower Upper
 149 100
 91 45.4 61.9 92.9#
 206 0.0 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.930 ng

RT: 14.133 min Scan# 2051

Delta R.T. -0.000 min

Lab File: BF131376.D

Acq: 23 Nov 2022 23:16

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-27

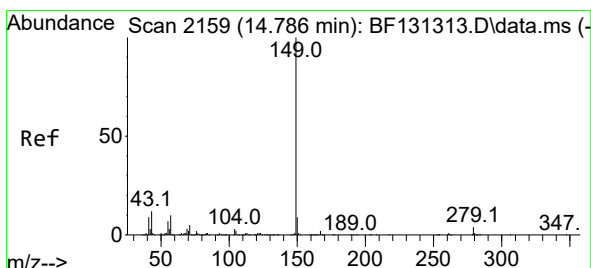
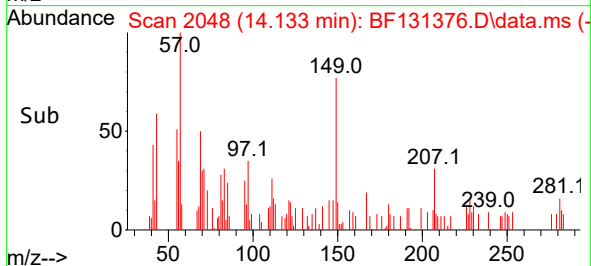
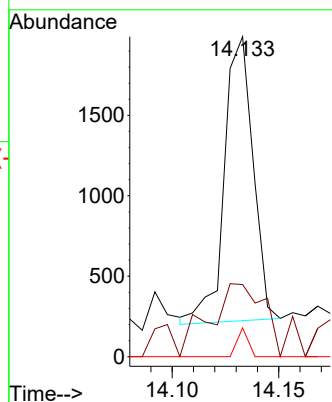
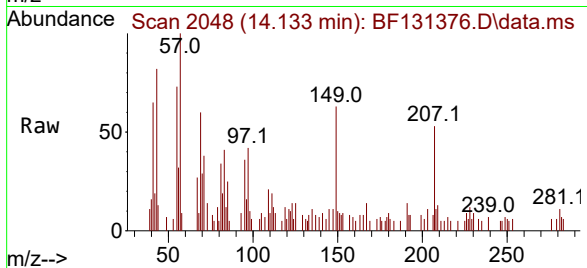
Tgt Ion:149 Resp: 1660

Ion Ratio Lower Upper

149 100

167 22.5 21.9 32.9

279 9.0 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 3.920 ng

RT: 14.768 min Scan# 2156

Delta R.T. 0.006 min

Lab File: BF131376.D

Acq: 23 Nov 2022 23:16

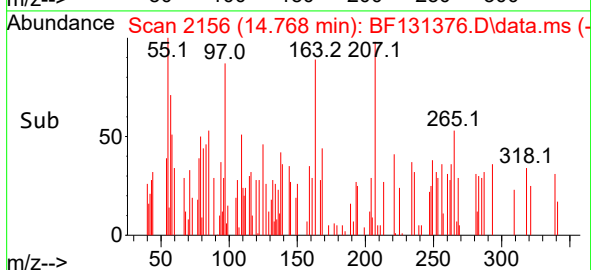
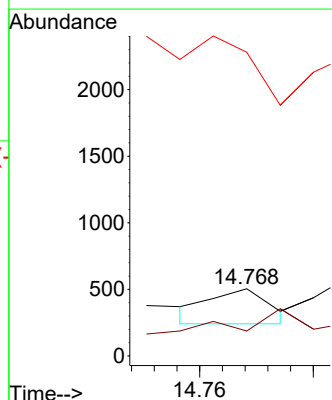
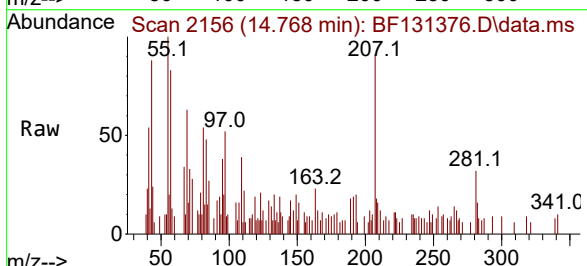
Tgt Ion:149 Resp: 193

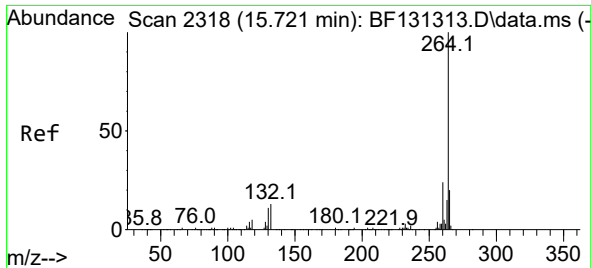
Ion Ratio Lower Upper

149 100

167 315.5 1.2 1.8#

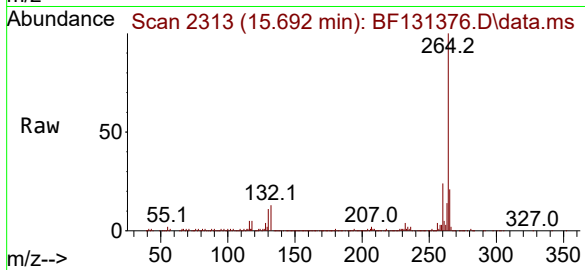
43 571.5 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131376.D
 Acq: 23 Nov 2022 23:16

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-27



Tgt Ion:264 Resp: 176683
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.8 16.4 24.6

