

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131342.D
 Acq On : 22 Nov 2022 21:44
 Operator : CG\JU
 Sample : N5642-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-24

Quant Time: Nov 23 04:19:36 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)

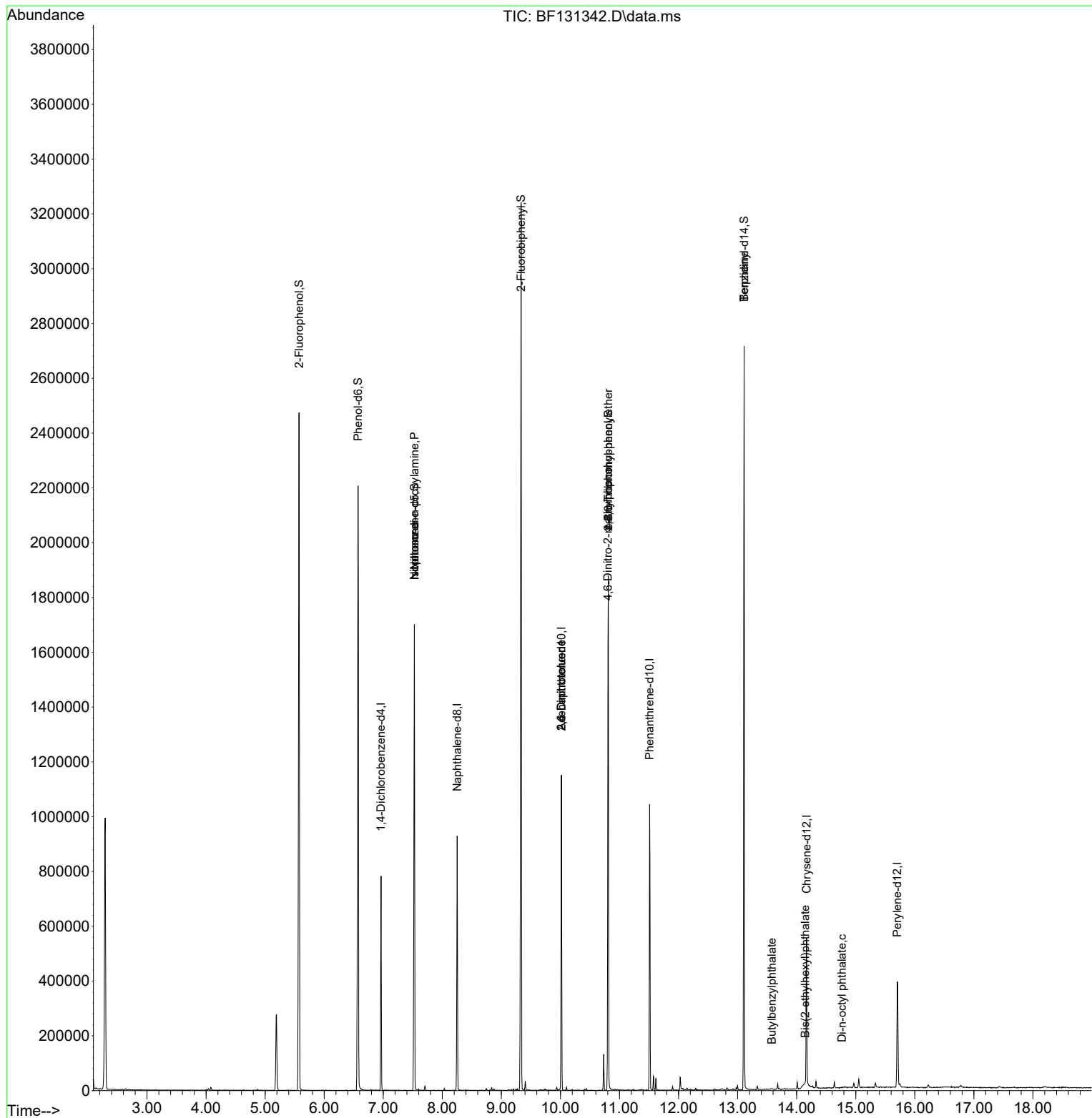
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99292	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	354840	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	201742	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	362950	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	184800	20.000	ng	-0.01
86) Perylene-d12	15.704	264	194927	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	624682	119.738	ng	0.00
7) Phenol-d6	6.575	99	794358	119.338	ng	-0.01
23) Nitrobenzene-d5	7.528	82	515024	73.164	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	212470	125.183	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	962670	69.421	ng	0.00
79) Terphenyl-d14	13.110	244	917064	81.150	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.575	77	1394	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.528	70	70831	14.536	ng	# 75
25) Isophorone	7.528	82	514118	40.937	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	26129	9.295	ng	# 14
57) 2,4-Dinitrotoluene	10.016	165	26129	7.388	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.804	198	483	4.921	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	14135	3.178	ng	# 1
77) Benzidine	13.110	184	12041	3.527	ng	# 92
80) Butylbenzylphthalate	13.580	149	112	4.162	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.145	149	1567	3.947	ng	# 76
85) Di-n-octyl phthalate	14.768	149	253	3.929	ng	# 19

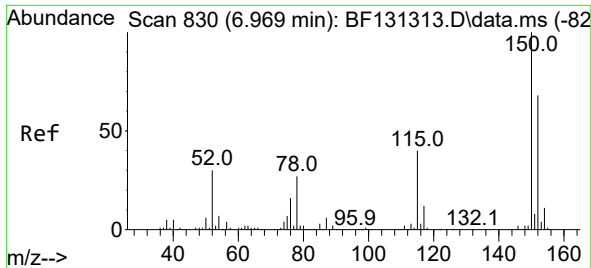
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 22 01:17:52 2022
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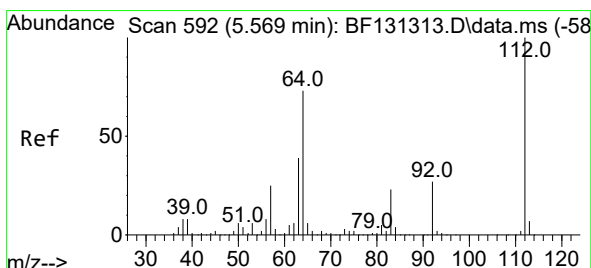
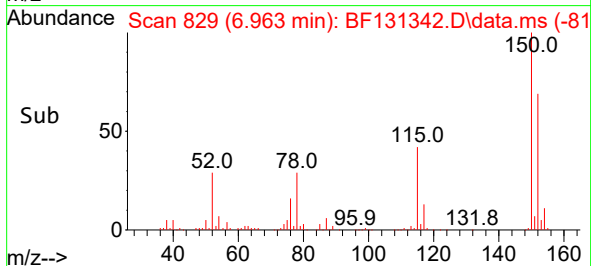
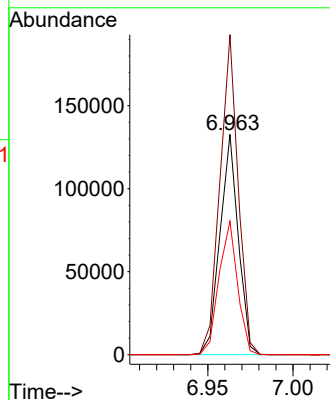
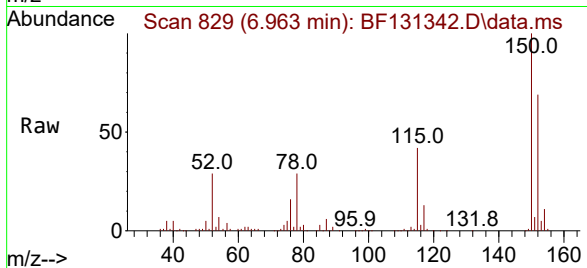




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

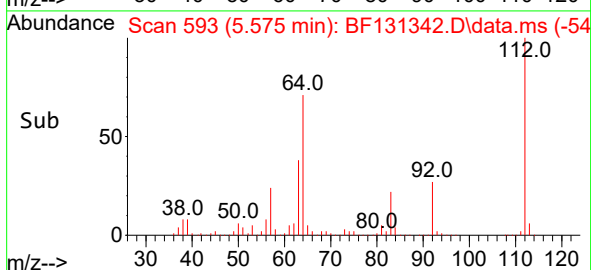
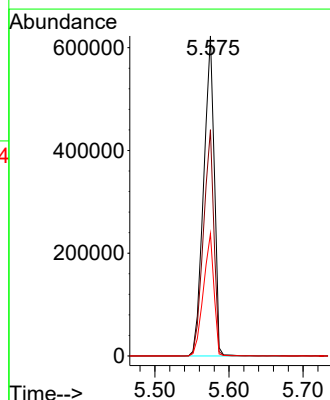
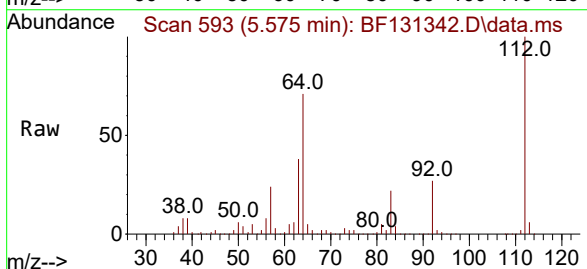
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

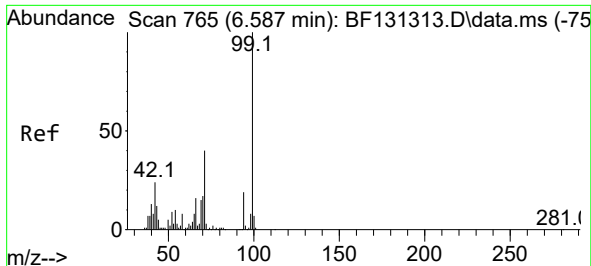
Tgt Ion:152 Resp: 99292
Ion Ratio Lower Upper
152 100
150 145.3 117.8 176.8
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 119.738 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:112 Resp: 624682
Ion Ratio Lower Upper
112 100
64 70.7 58.6 88.0
63 38.2 31.4 47.0

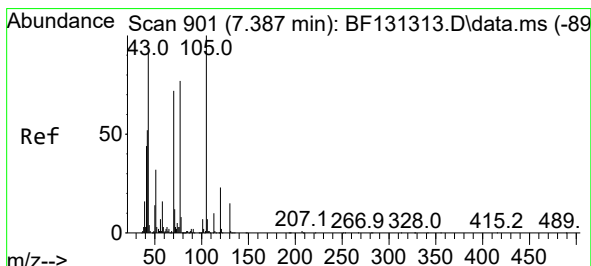
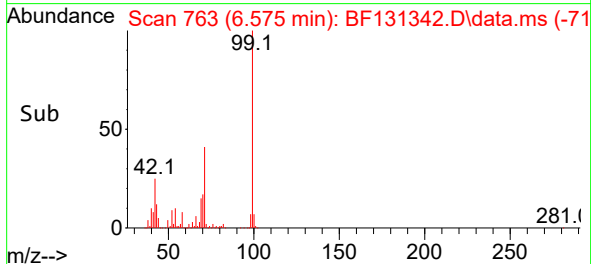
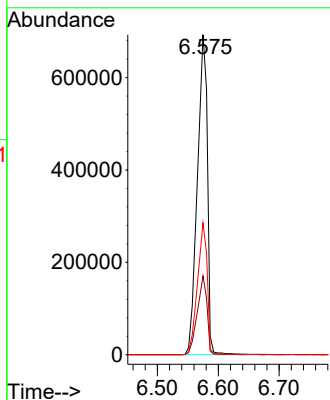
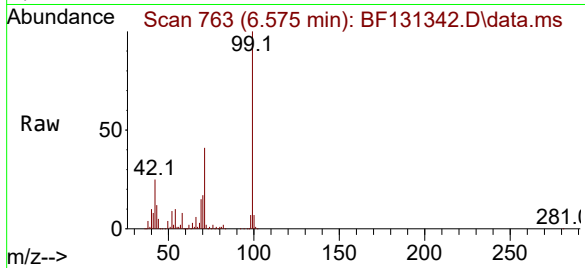




#7
Phenol-d6
Concen: 119.338 ng
RT: 6.575 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

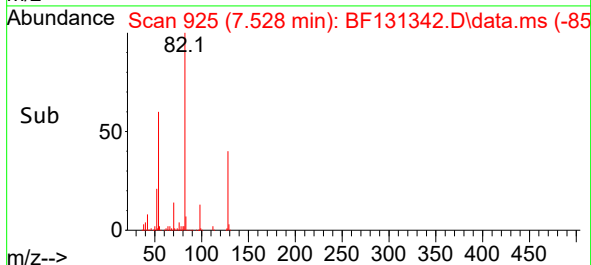
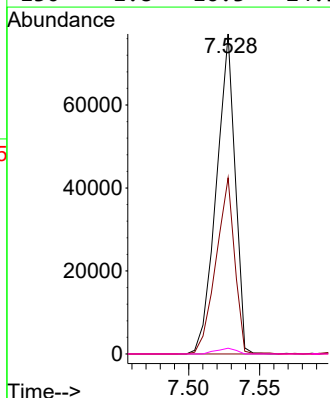
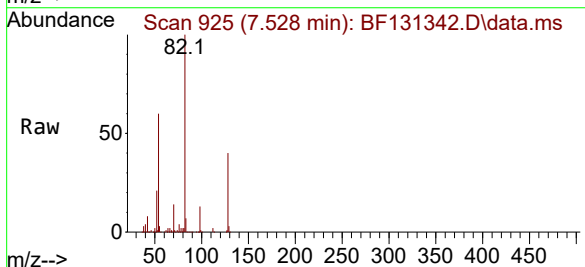
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

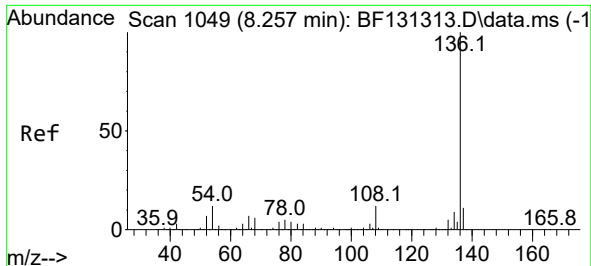
Tgt Ion: 99 Resp: 794358
Ion Ratio Lower Upper
99 100
42 24.6 19.4 29.2
71 41.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.536 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion: 70 Resp: 70831
Ion Ratio Lower Upper
70 100
42 55.1 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

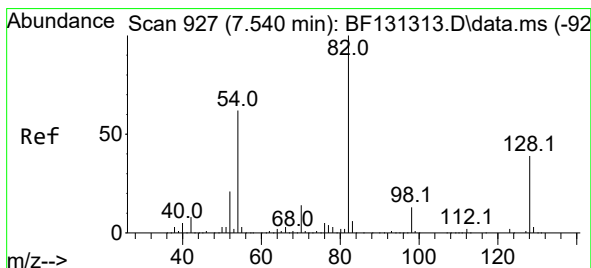
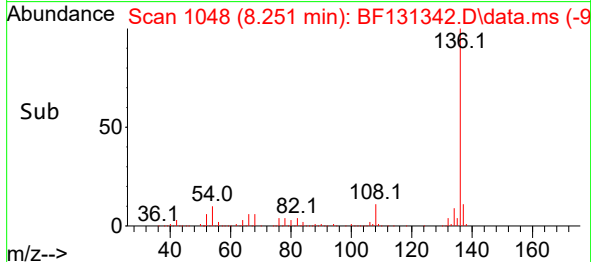
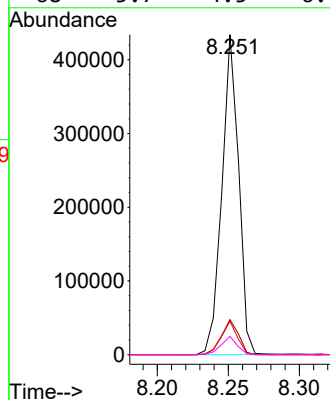
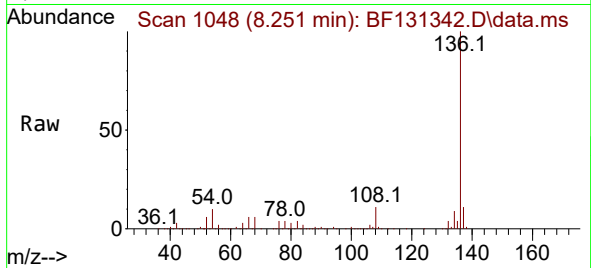




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

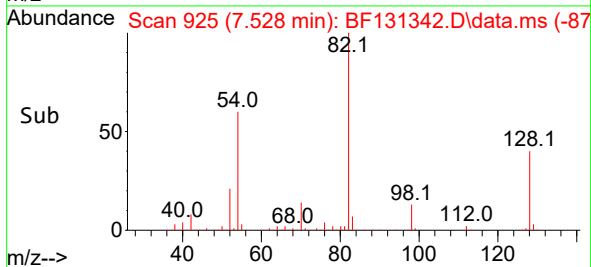
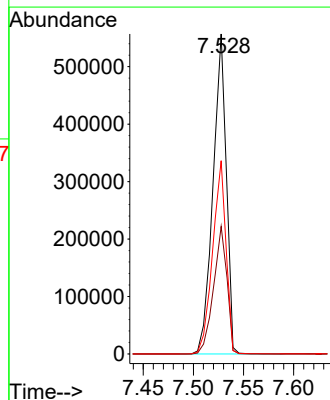
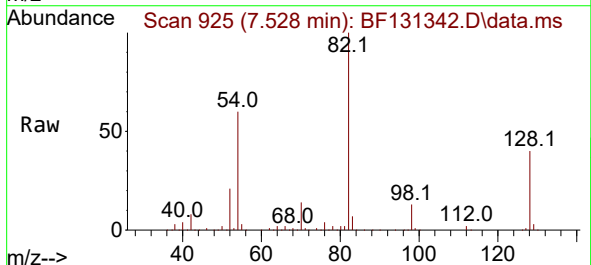
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

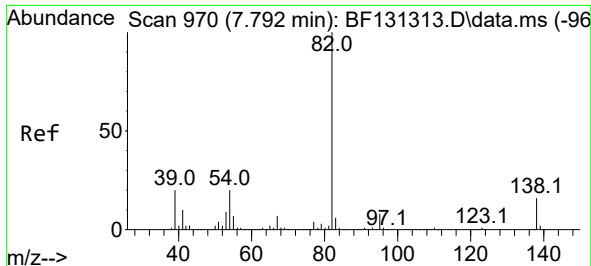
Tgt Ion:136 Resp: 354840
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.5 9.4 14.0
68 5.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 73.164 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion: 82 Resp: 515024
Ion Ratio Lower Upper
82 100
128 39.8 31.4 47.0
54 60.4 49.8 74.6

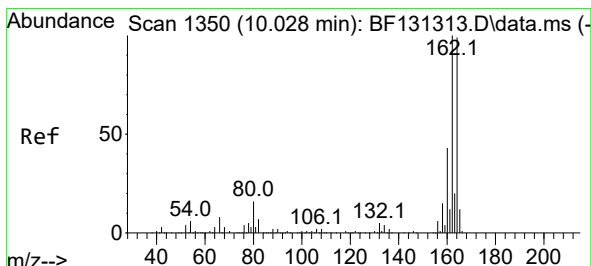
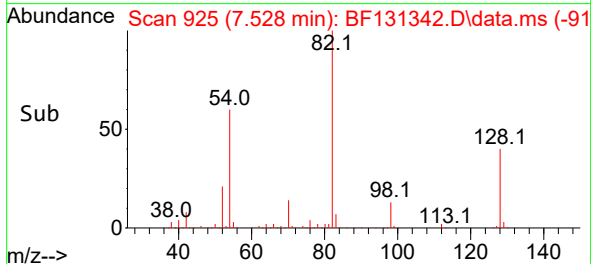
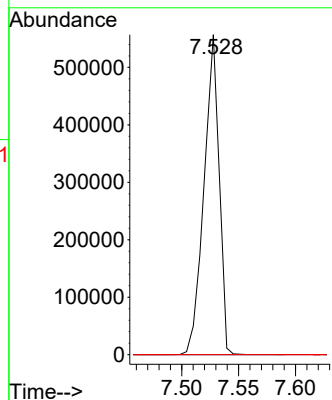
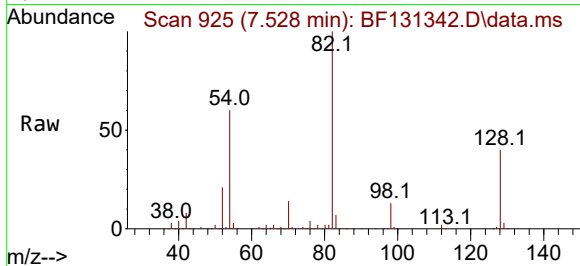




#25
Isophorone
Concen: 40.937 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

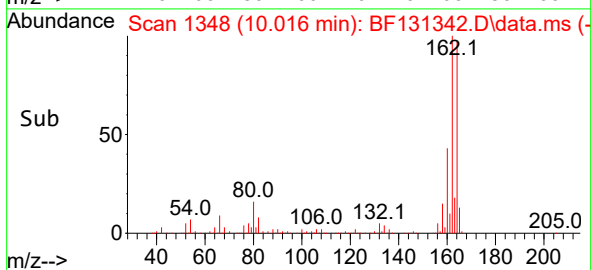
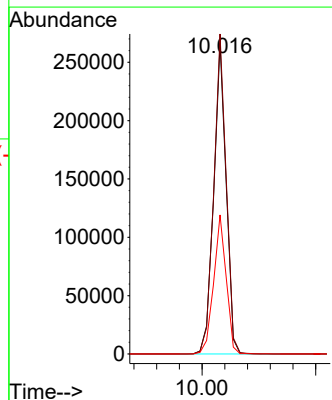
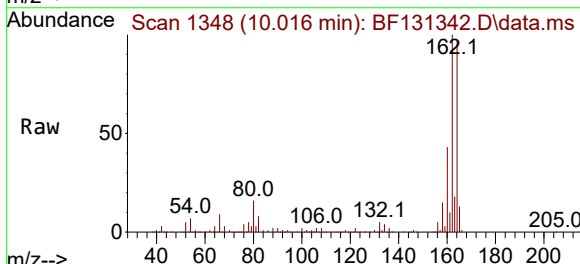
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RIGHT-SIDE-FLATS-24

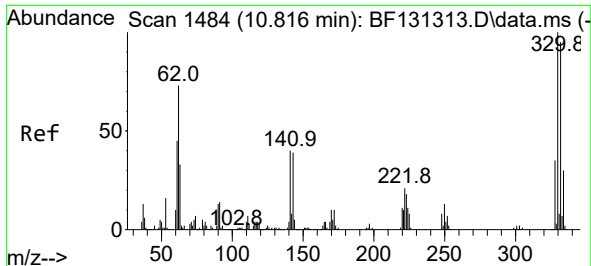
Tgt Ion: 82 Resp: 514118
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion: 164 Resp: 201742
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 44.8 34.4 51.6

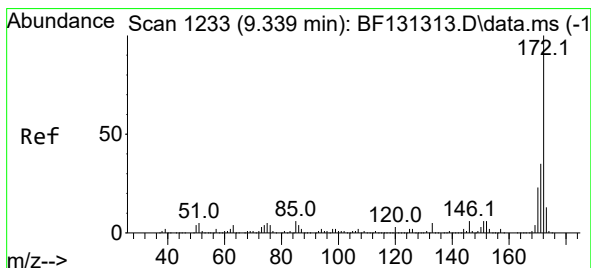
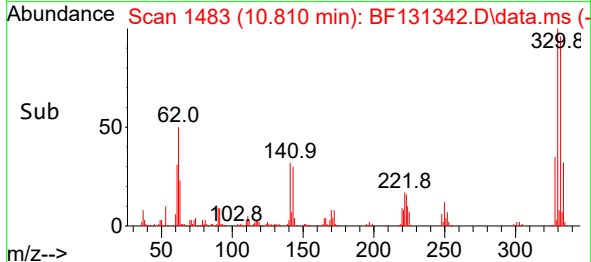
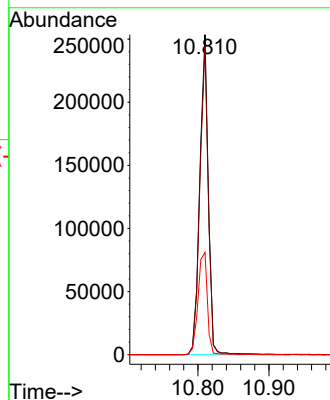
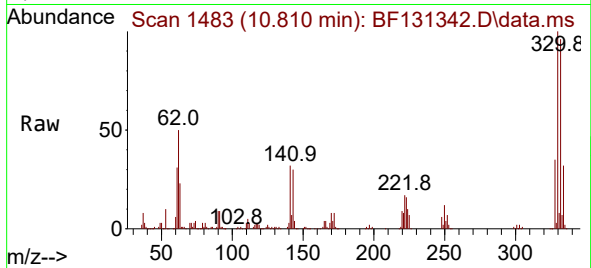




#42
2,4,6-Tribromophenol
Concen: 125.183 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

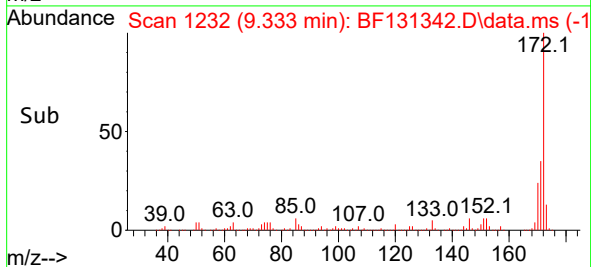
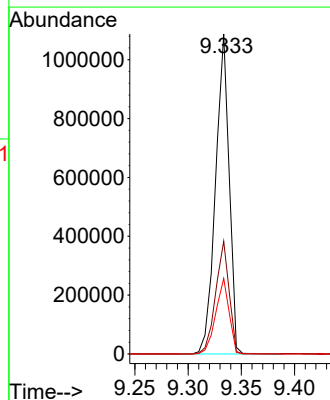
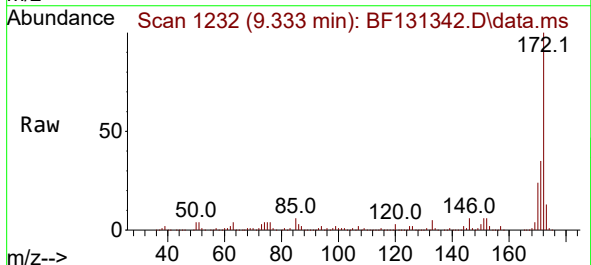
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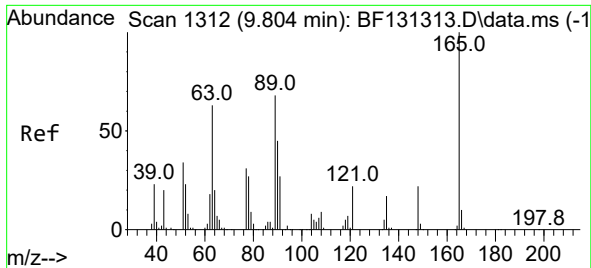
Tgt Ion:330 Resp: 212470
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 35.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 69.421 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:172 Resp: 962670
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.7 28.1

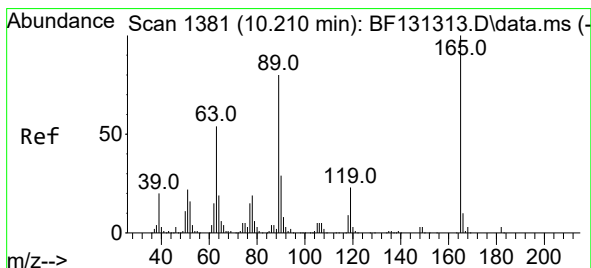
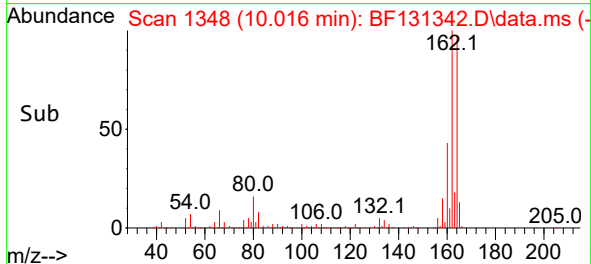
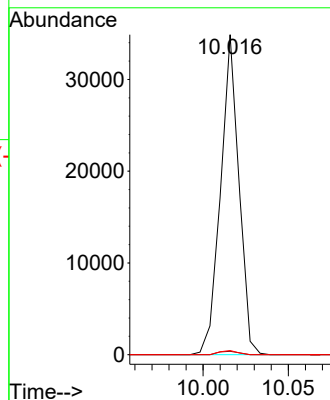
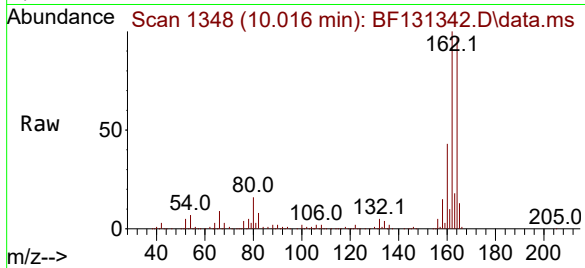




#51
2,6-Dinitrotoluene
Concen: 9.295 ng
RT: 10.016 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

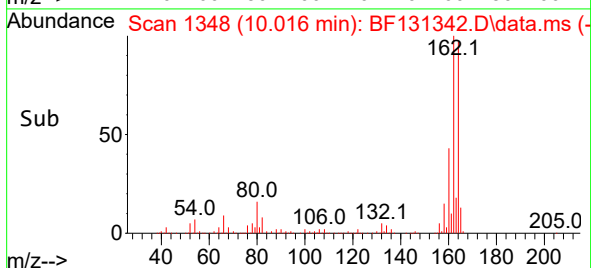
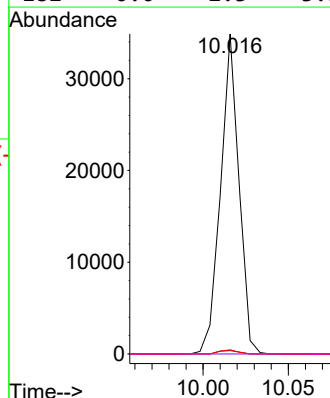
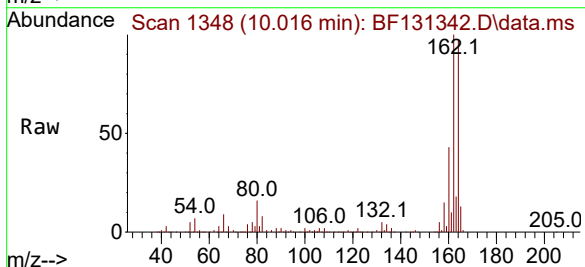
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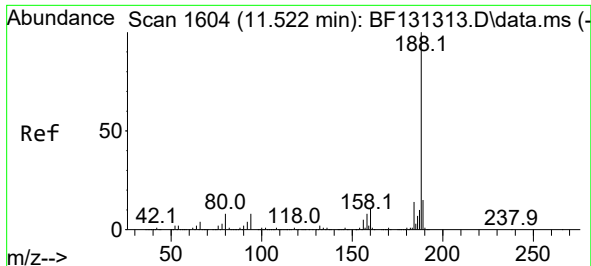
Tgt Ion:165 Resp: 26129
Ion Ratio Lower Upper
165 100
63 1.1 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.388 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:165 Resp: 26129
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#

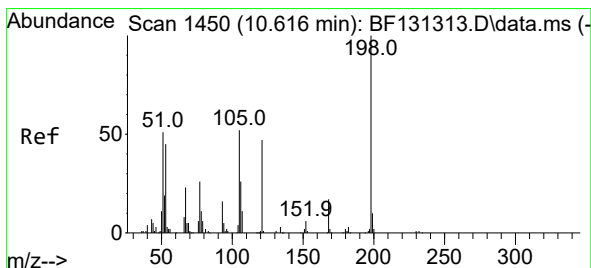
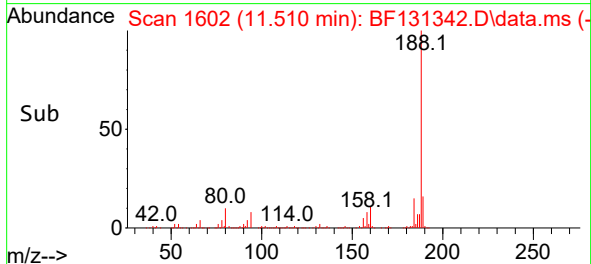
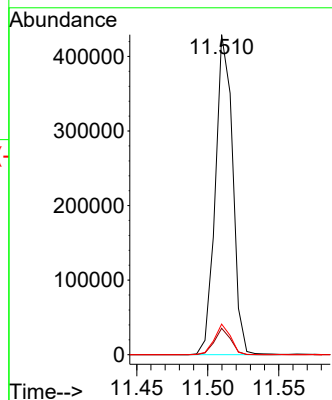
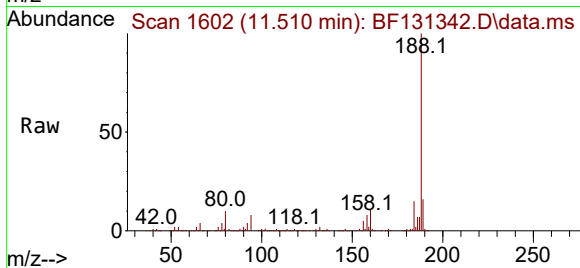




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

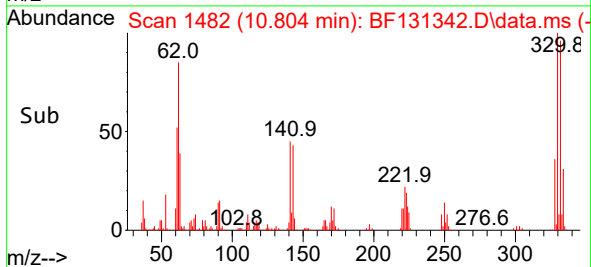
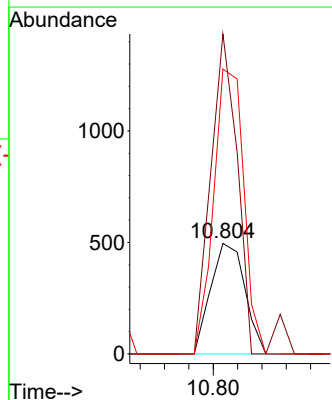
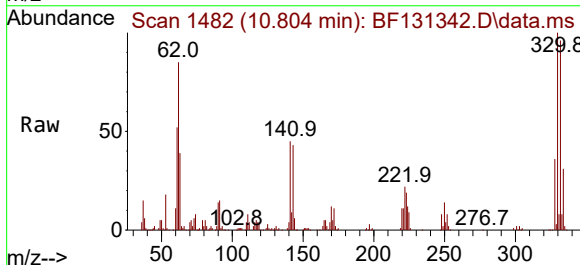
Instrument :
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RIGHT-SIDE-FLATS-24

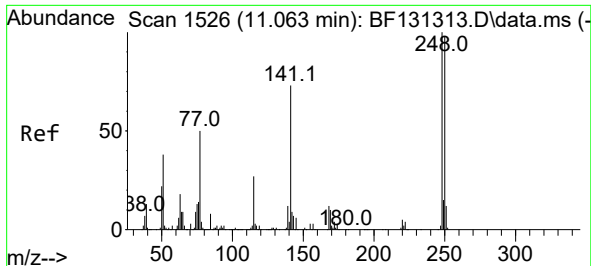
Tgt Ion:188 Resp: 362950
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.5 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.921 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.188 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:198 Resp: 483
Ion Ratio Lower Upper
198 100
51 289.3 50.1 90.1#
105 257.7 32.5 72.5#

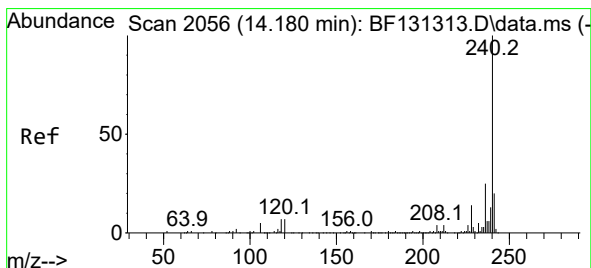
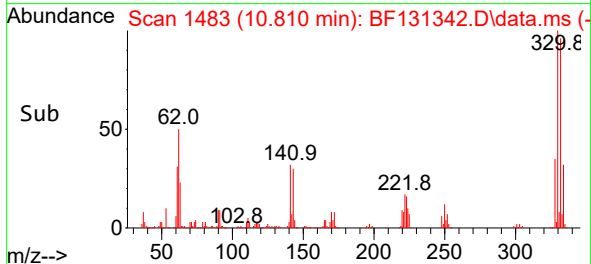
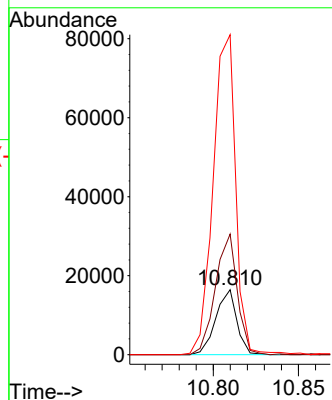
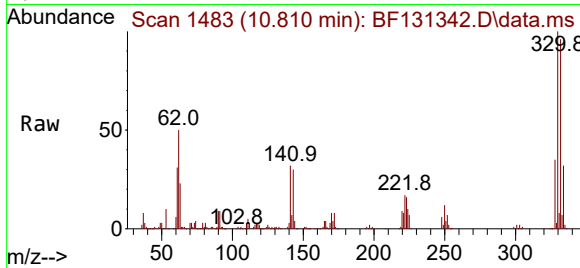




#67
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 10.810 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

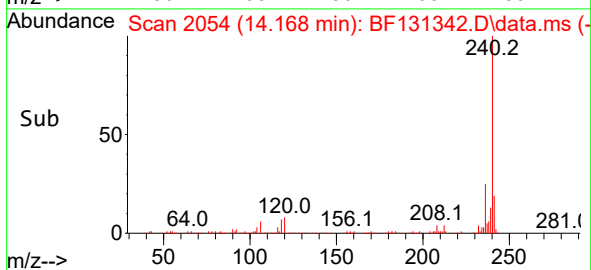
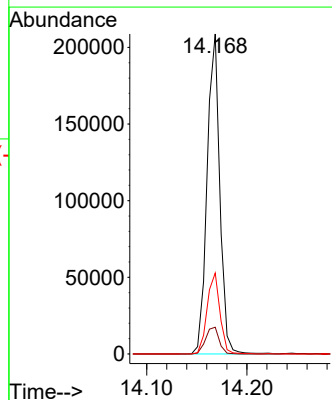
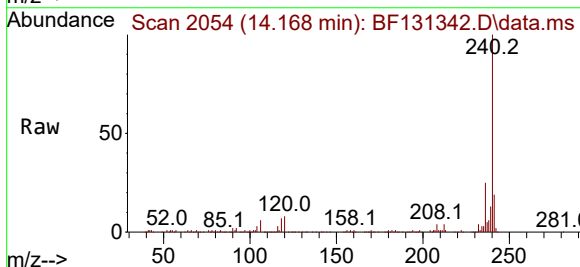
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

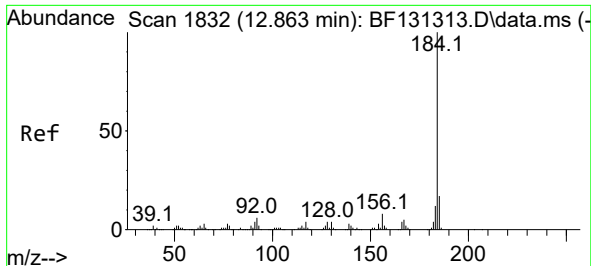
Tgt Ion:248 Resp: 14135
Ion Ratio Lower Upper
248 100
250 185.6 78.3 117.5#
141 492.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:240 Resp: 184800
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 25.3 20.3 30.5

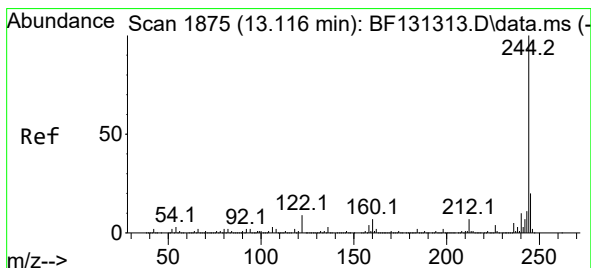
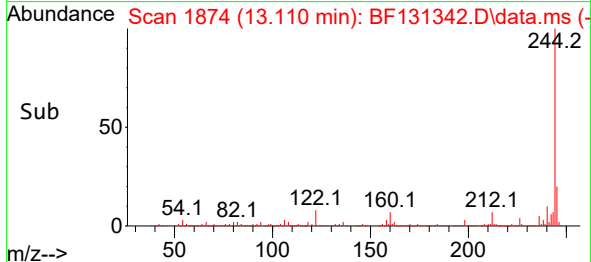
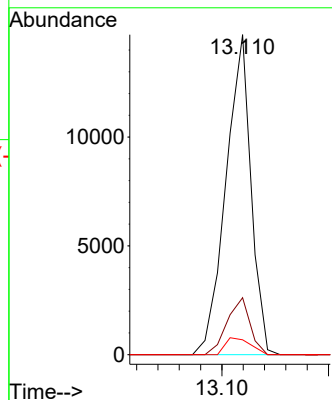
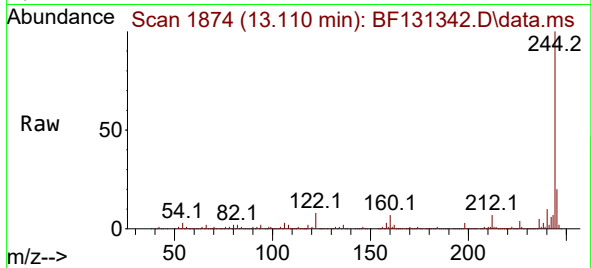




#77
Benzidine
Concen: 3.527 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.247 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

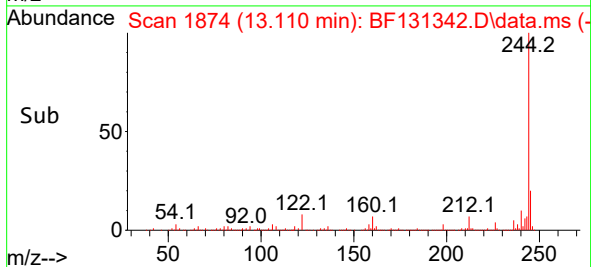
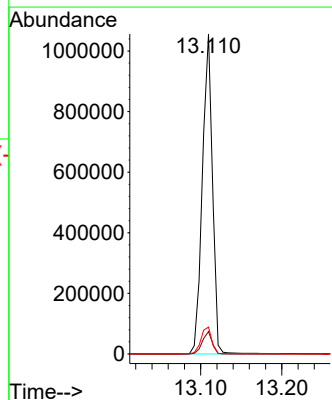
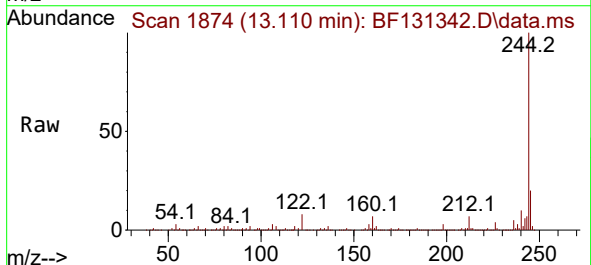
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

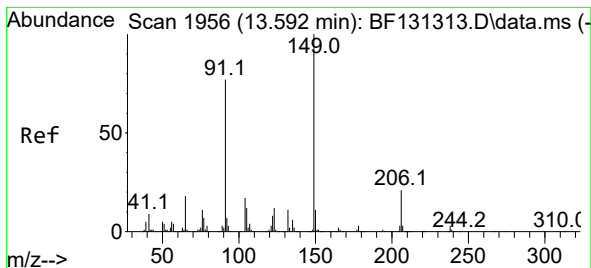
Tgt Ion:184 Resp: 12041
Ion Ratio Lower Upper
184 100
185 17.8 13.8 20.8
183 4.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 81.150 ng
RT: 13.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:244 Resp: 917064
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.4 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.162 ng

RT: 13.580 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BF131342.D

Acq: 22 Nov 2022 21:44

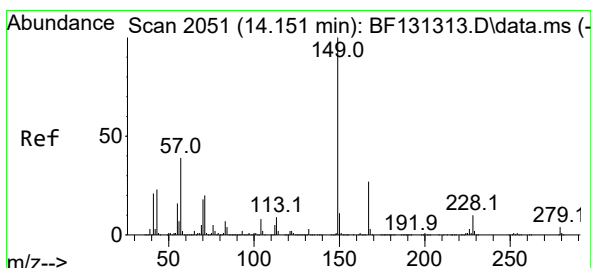
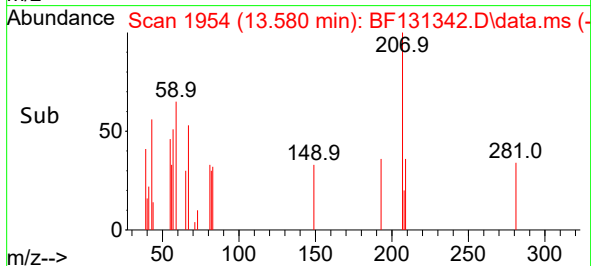
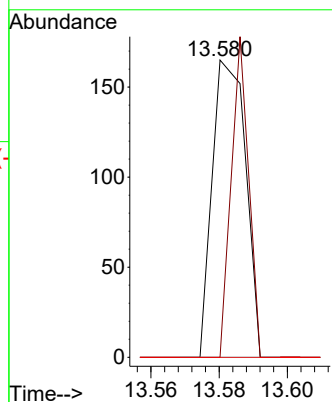
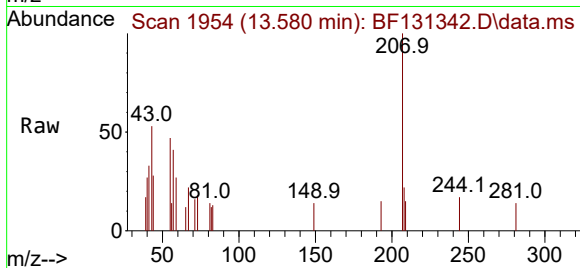
Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-24

Tgt Ion:	149	Resp:	112
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: 3.947 ng

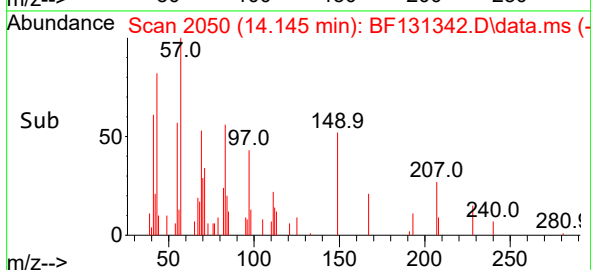
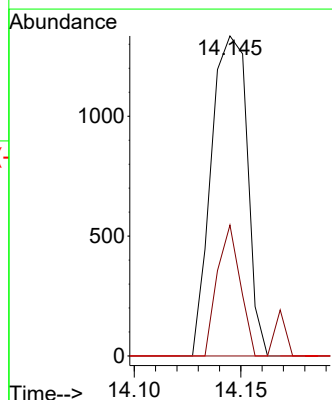
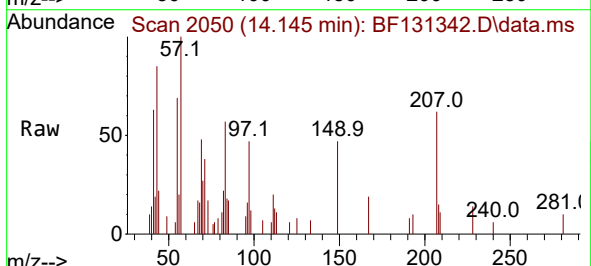
RT: 14.145 min Scan# 2050

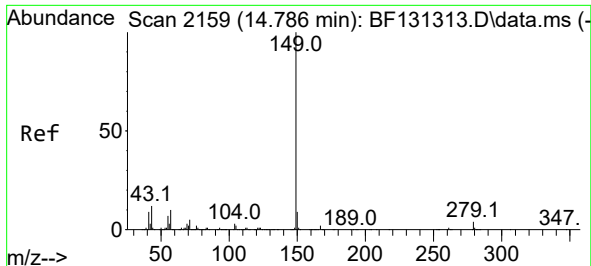
Delta R.T. -0.006 min

Lab File: BF131342.D

Acq: 22 Nov 2022 21:44

Tgt Ion:	149	Resp:	1567
Ion	Ratio	Lower	Upper
149	100		
167	40.9	21.9	32.9#
279	0.0	3.0	4.4#

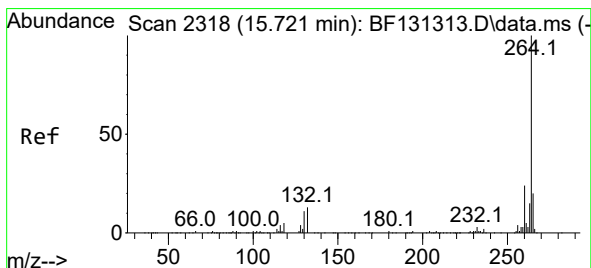
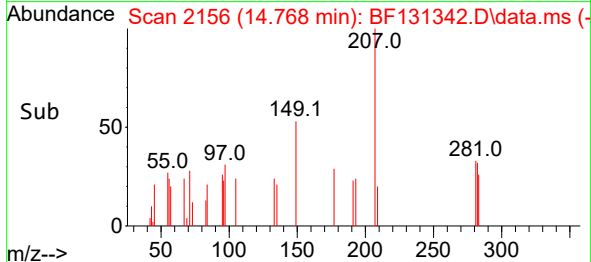
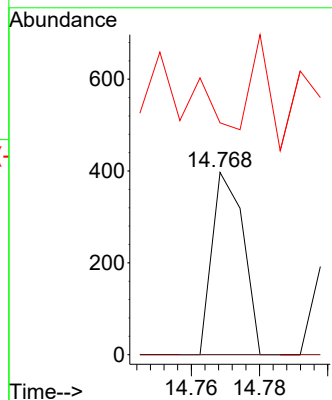
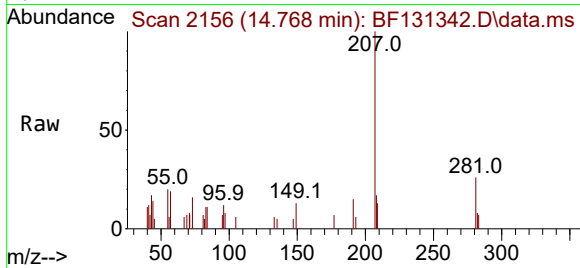




#85
Di-n-octyl phthalate
Concen: 3.929 ng
RT: 14.768 min Scan# 2159
Delta R.T. -0.018 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-24

Tgt Ion:149 Resp: 253
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 49.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. -0.018 min
Lab File: BF131342.D
Acq: 22 Nov 2022 21:44

Tgt Ion:264 Resp: 194927
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.6 16.4 24.6

