

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131339.D
 Acq On : 22 Nov 2022 20:07
 Operator : CG\JU
 Sample : N5642-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-25

Quant Time: Nov 23 04:18:54 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)

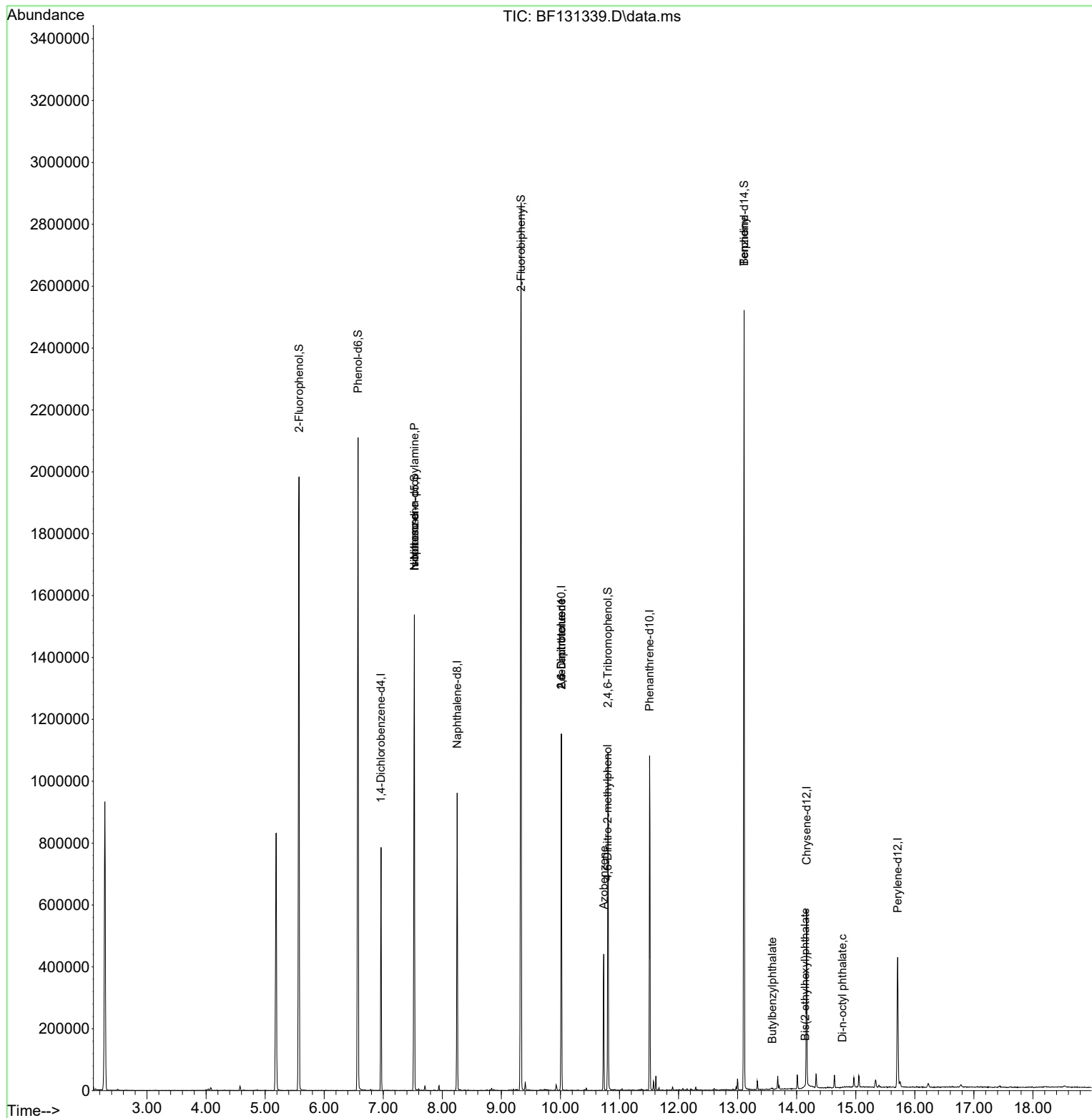
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	101639	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	372625	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	216891	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	380727	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	189790	20.000	ng	-0.01
86) Perylene-d12	15.710	264	200763	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	500761	93.769	ng	0.00
7) Phenol-d6	6.575	99	676929	99.348	ng	-0.01
23) Nitrobenzene-d5	7.528	82	453363	61.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	106801	58.530	ng	-0.01
45) 2-Fluorobiphenyl	9.334	172	863891	57.946	ng	0.00
79) Terphenyl-d14	13.110	244	841550	72.509	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	96	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.528	70	62936	12.617	ng	# 75
25) Isophorone	7.528	82	452204	34.289	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	27695	9.164	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	27695	7.283	ng	# 19
63) Azobenzene	10.733	77	70221	4.577	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.798	198	71	4.621	ng	97
77) Benzidine	13.110	184	11038	3.149	ng	# 93
80) Butylbenzylphthalate	13.586	149	66	4.154	ng	# 80
84) Bis(2-ethylhexyl)phtha...	14.145	149	1227	3.900	ng	# 82
85) Di-n-octyl phthalate	14.774	149	335	3.937	ng	# 1

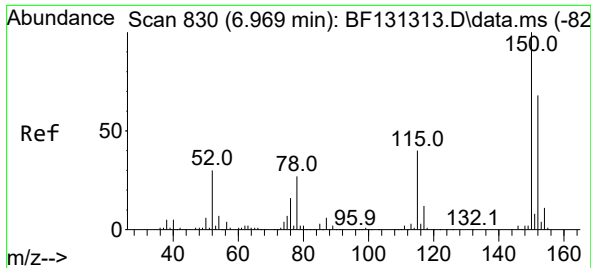
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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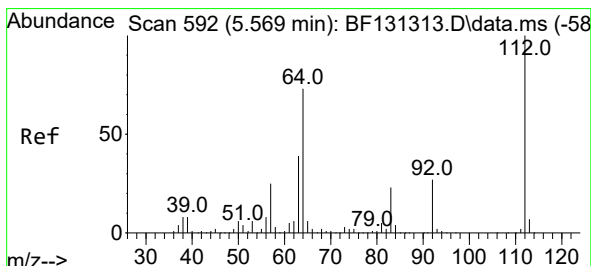
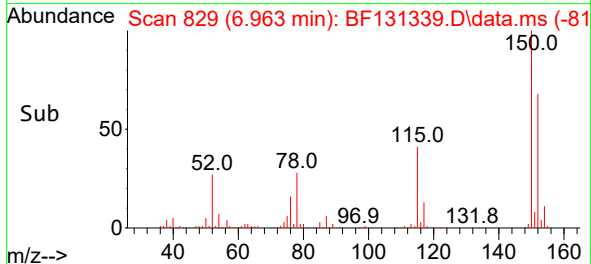
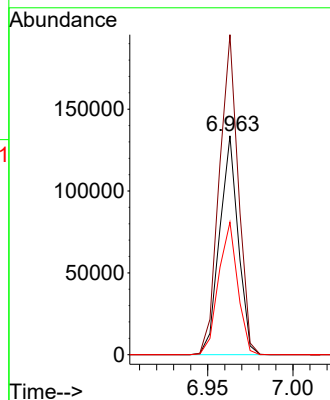
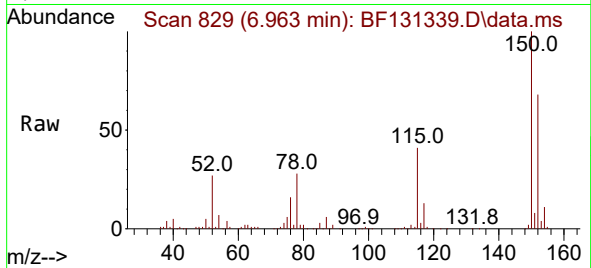




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

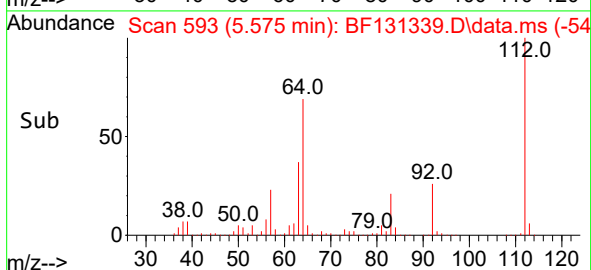
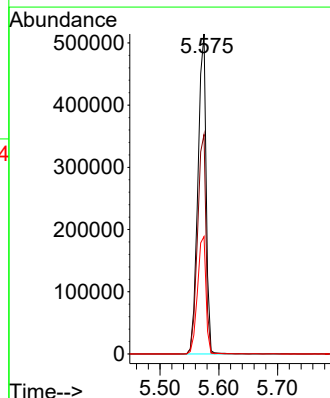
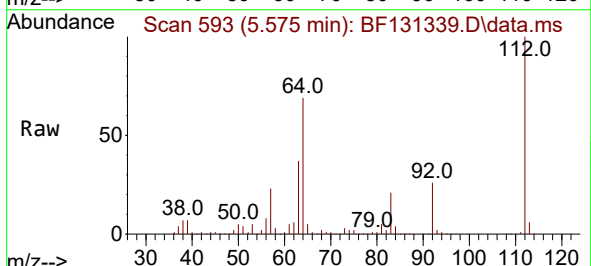
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

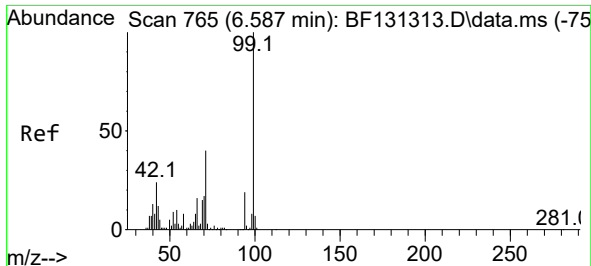
Tgt Ion:152 Resp: 101639
Ion Ratio Lower Upper
152 100
150 146.2 117.8 176.8
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 93.769 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:112 Resp: 500761
Ion Ratio Lower Upper
112 100
64 68.6 58.6 88.0
63 36.7 31.4 47.0

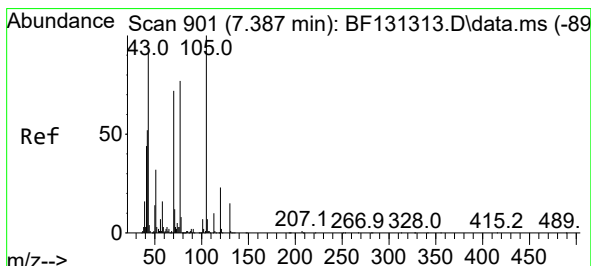
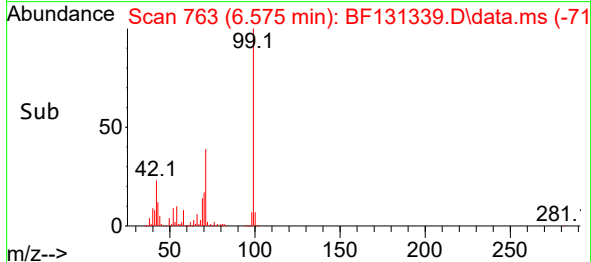
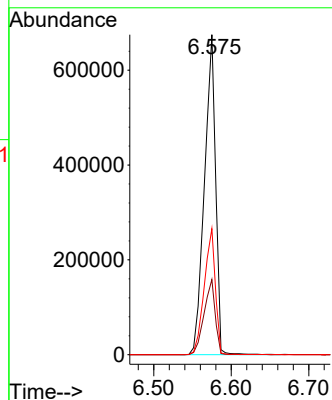
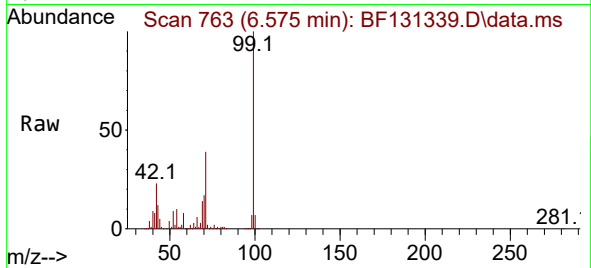




#7
Phenol-d6
Concen: 99.348 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

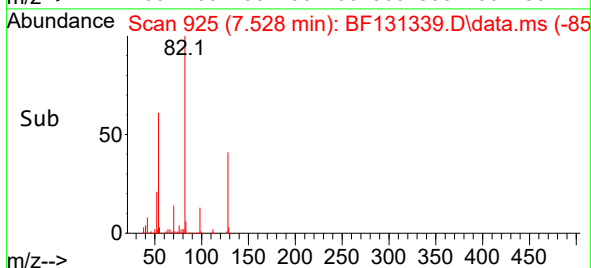
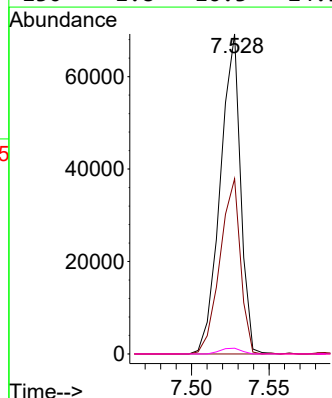
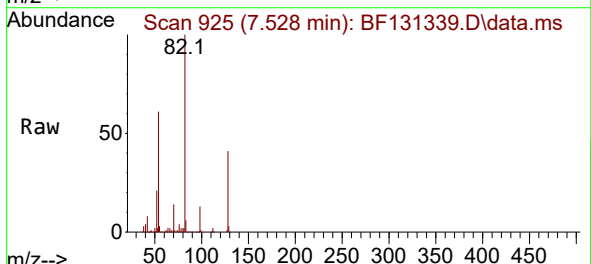
Instrument :
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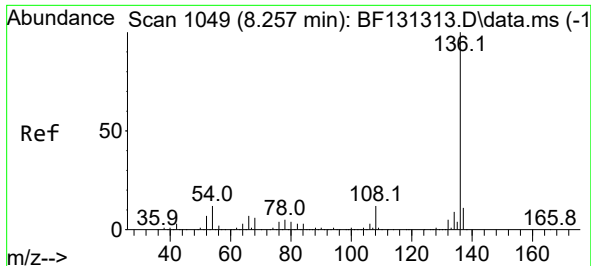
Tgt Ion: 99 Resp: 676929
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 39.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.617 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion: 70 Resp: 62936
Ion Ratio Lower Upper
70 100
42 54.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

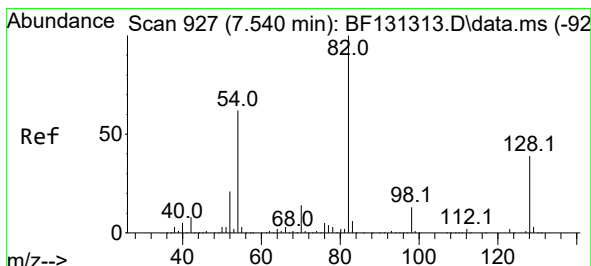
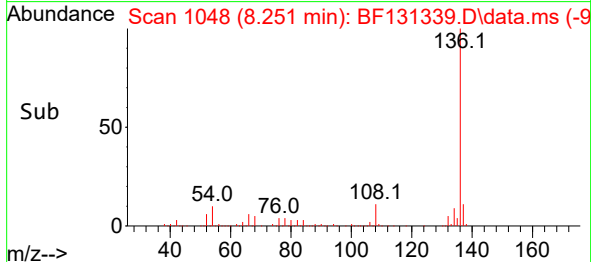
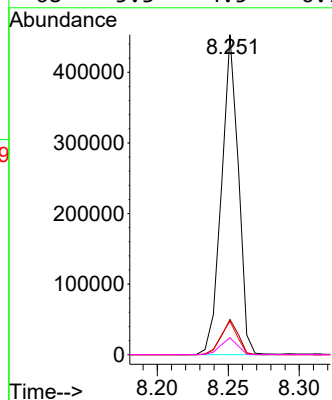
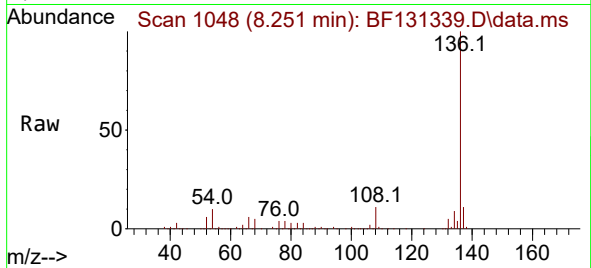




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

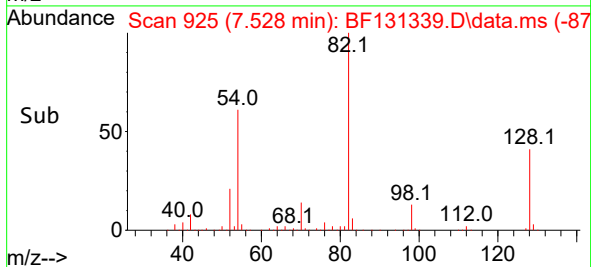
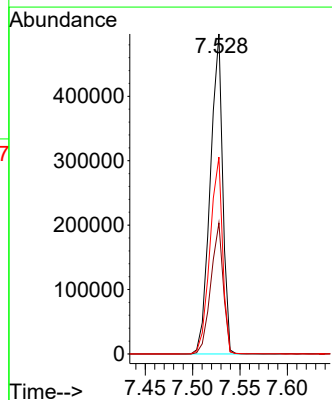
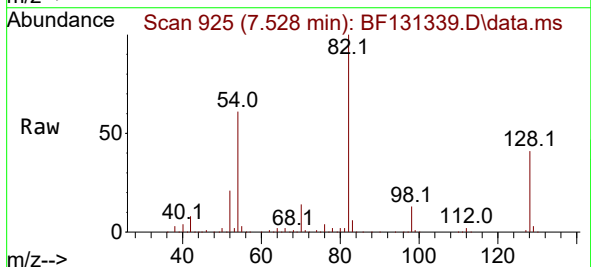
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

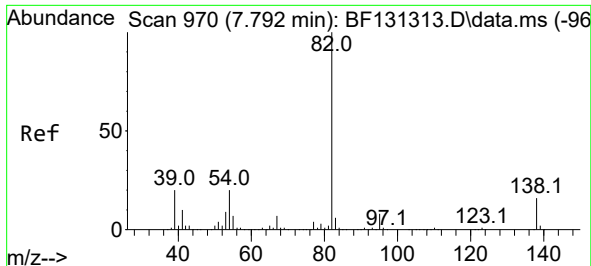
Tgt Ion:	136	Resp:	372625
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	10.4	9.4	14.0
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 61.331 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:	82	Resp:	453363
Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.4	47.0
54	61.5	49.8	74.6

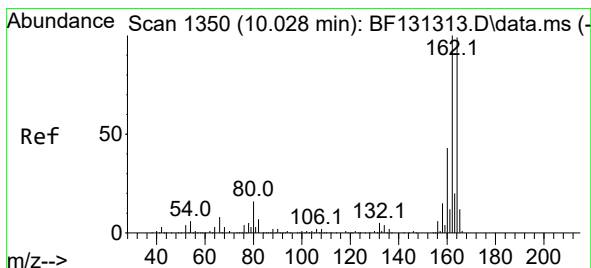
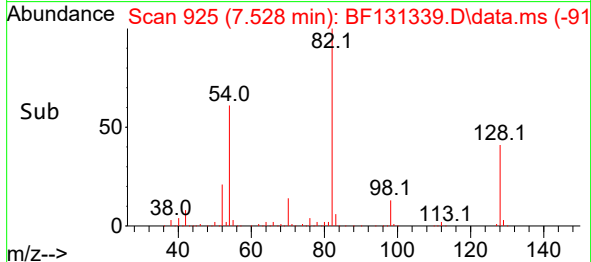
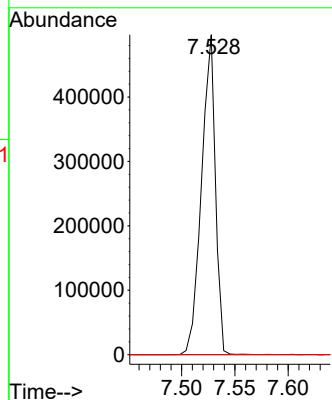
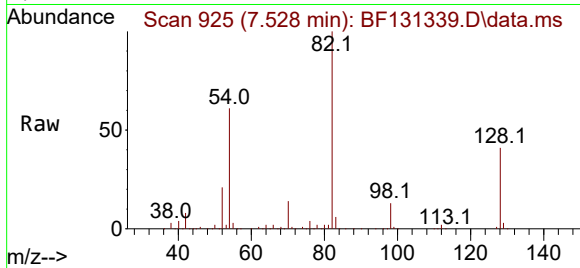




#25
Isophorone
Concen: 34.289 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

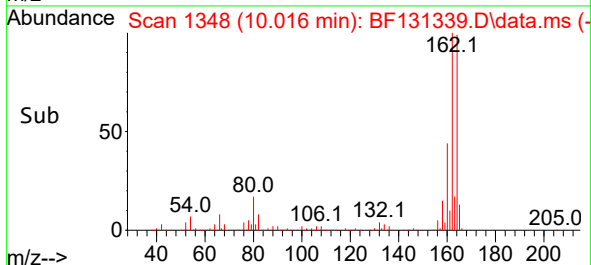
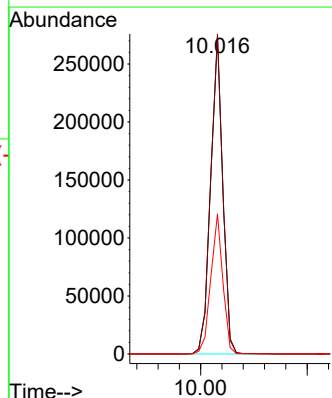
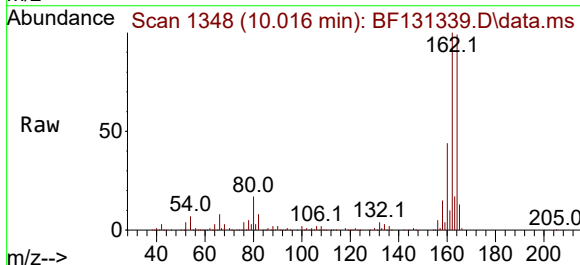
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

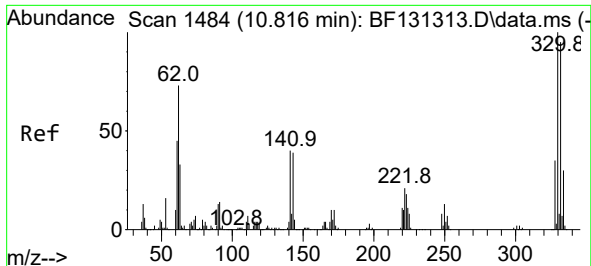
Tgt Ion: 82 Resp: 452204
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:164 Resp: 216891
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 58.530 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.012 min

Lab File: BF131339.D

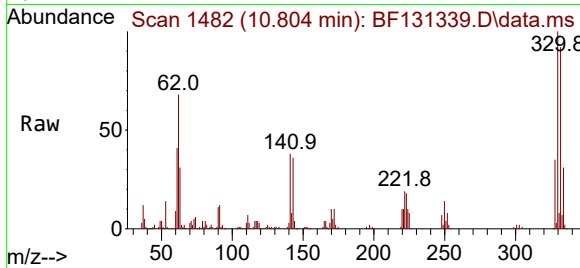
Acq: 22 Nov 2022 20:07

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-25



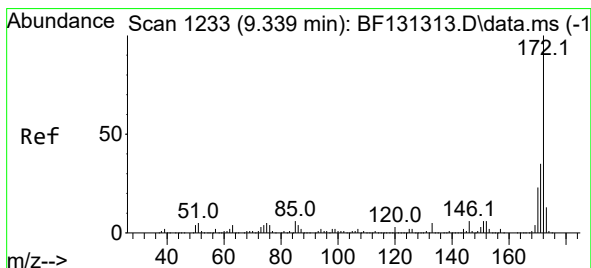
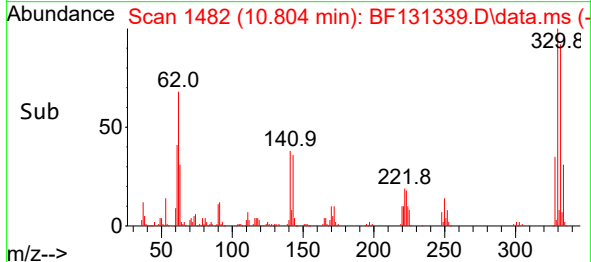
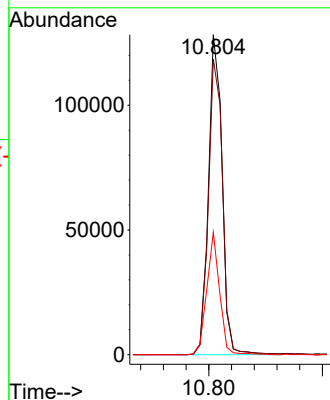
Tgt Ion:330 Resp: 106801

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 35.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 57.946 ng

RT: 9.334 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF131339.D

Acq: 22 Nov 2022 20:07

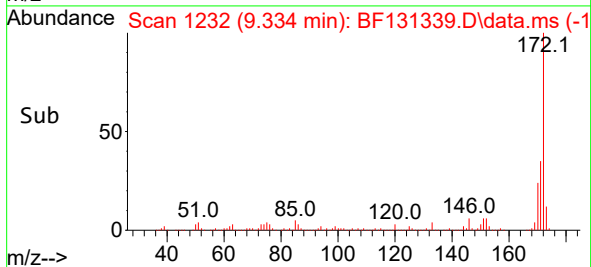
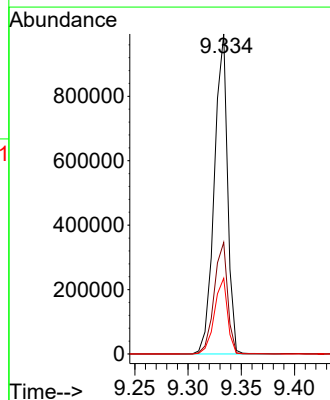
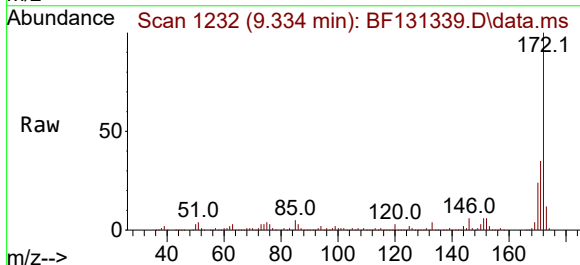
Tgt Ion:172 Resp: 863891

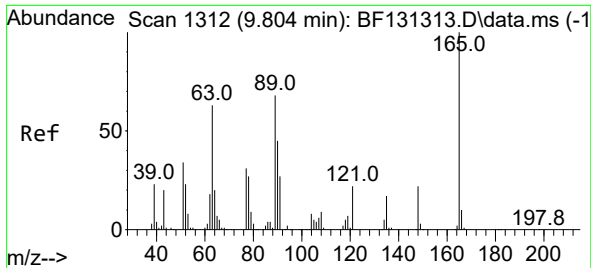
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.7 18.7 28.1

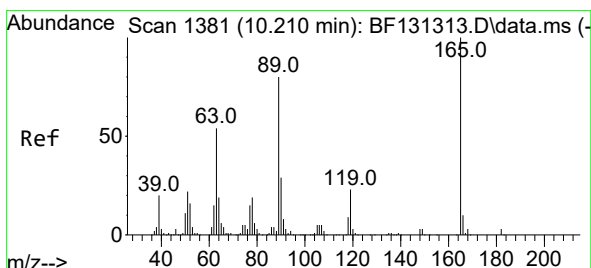
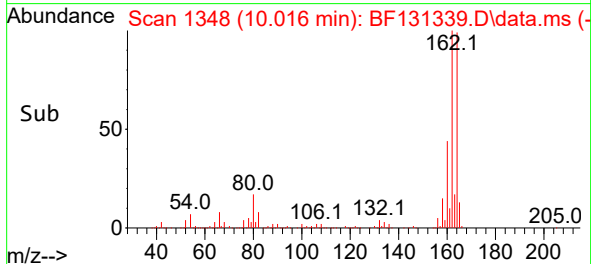
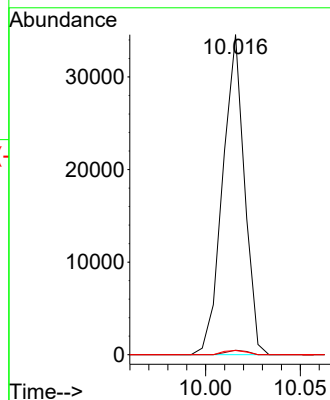
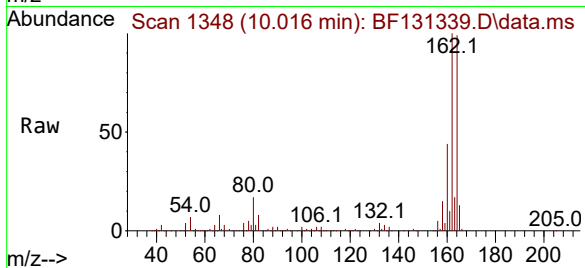




#51
2,6-Dinitrotoluene
Concen: 9.164 ng
RT: 10.016 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

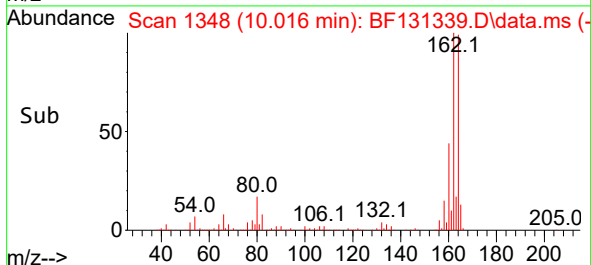
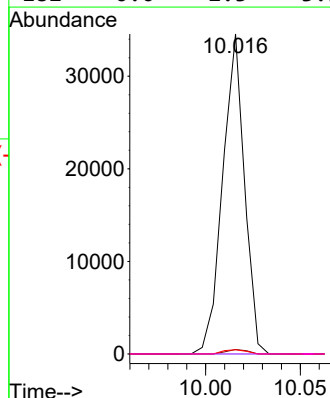
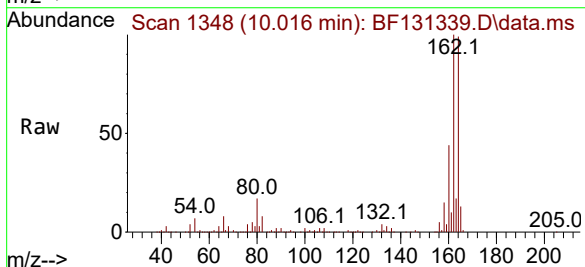
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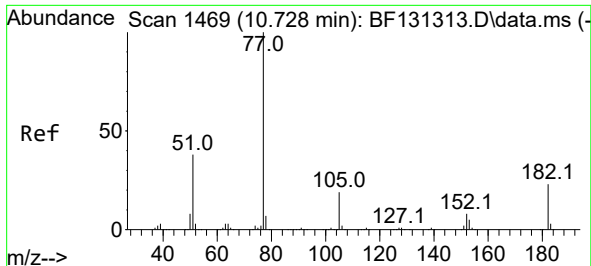
Tgt Ion:165 Resp: 27695
Ion Ratio Lower Upper
165 100
63 1.4 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.283 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:165 Resp: 27695
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#

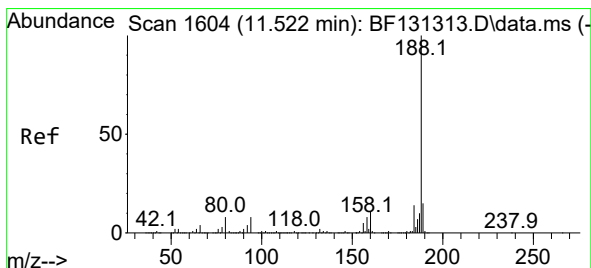
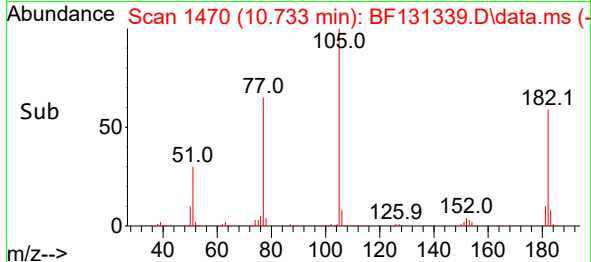
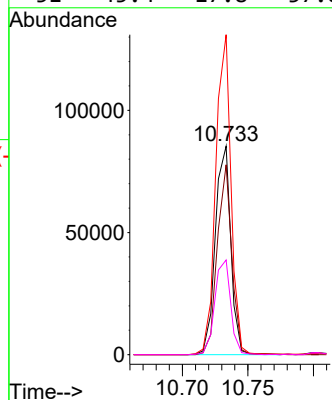
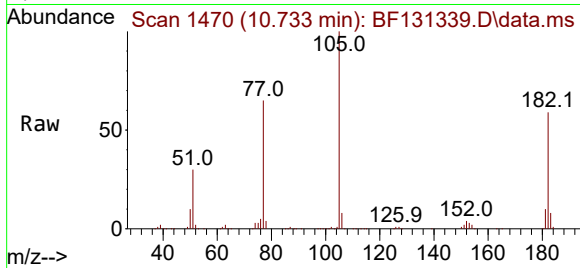




#63
Azobenzene
Concen: 4.577 ng
RT: 10.733 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

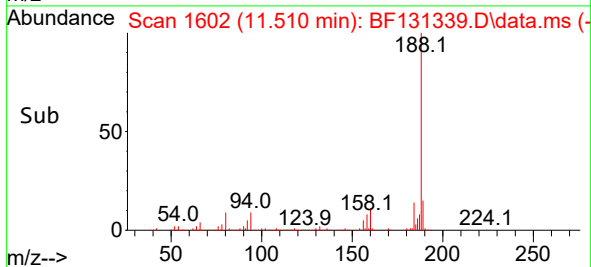
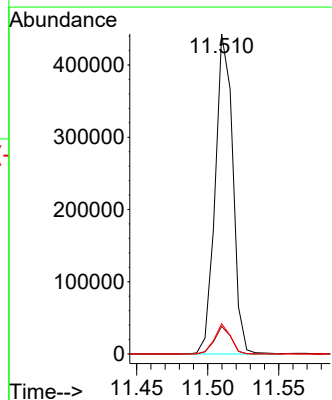
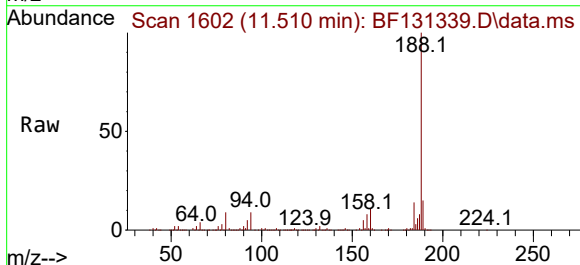
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

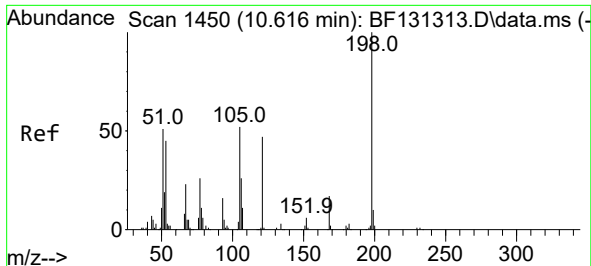
Tgt Ion: 77 Resp: 70221
Ion Ratio Lower Upper
77 100
182 91.1 3.1 43.1#
105 153.5 0.0 39.2#
51 45.4 17.8 57.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion: 188 Resp: 380727
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.4 6.8 10.2

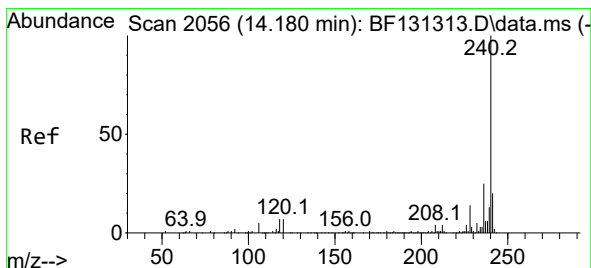
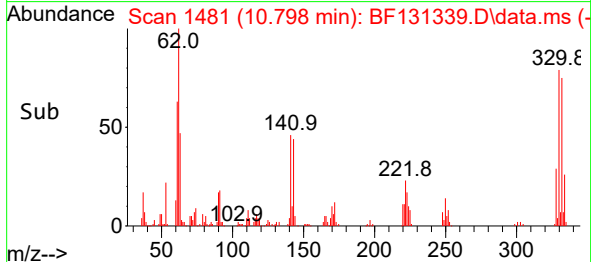
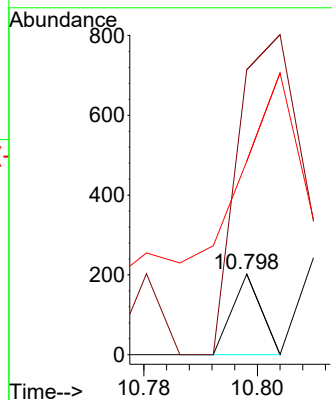
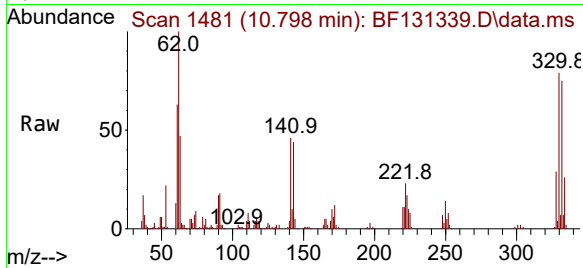




#65
4,6-Dinitro-2-methylphenol
Concen: 4.621 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.182 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

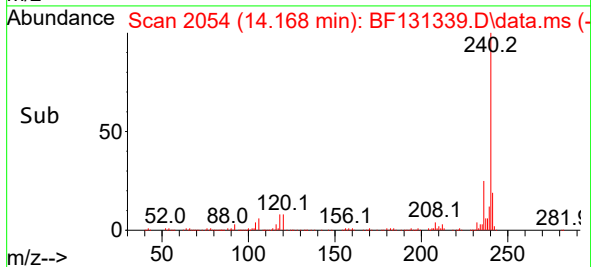
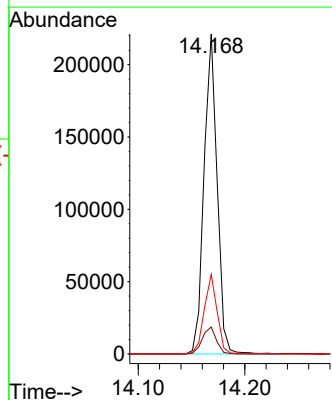
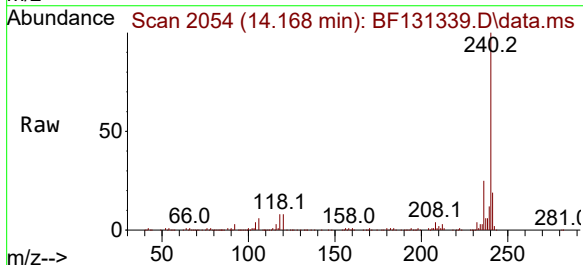
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

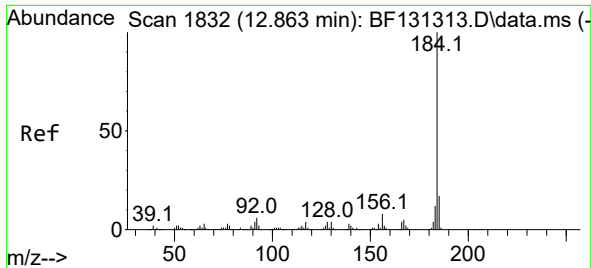
Tgt Ion:198 Resp: 71
Ion Ratio Lower Upper
198 100
51 70.3 50.1 90.1
105 47.8 32.5 72.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:240 Resp: 189790
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.8
236 24.8 20.3 30.5

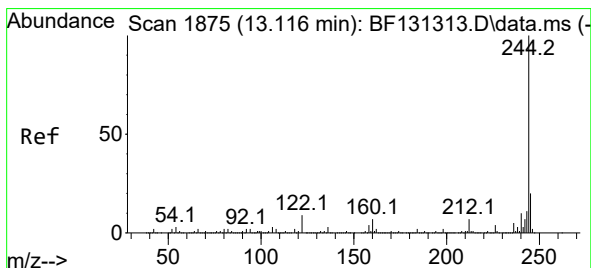
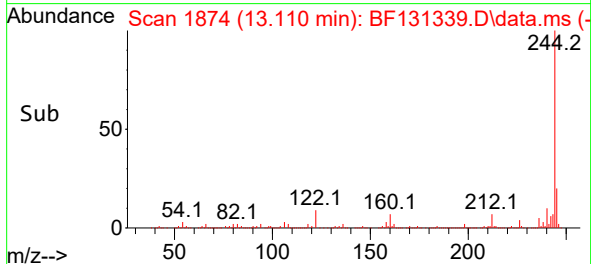
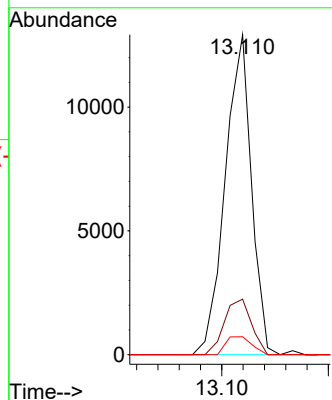
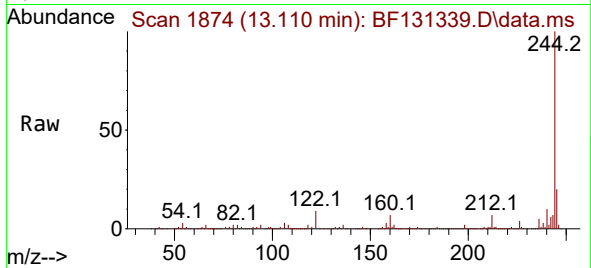




#77
Benzidine
Concen: 3.149 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.247 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

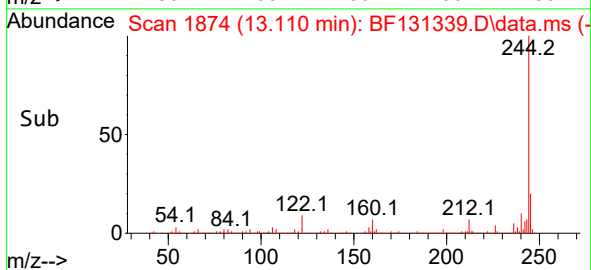
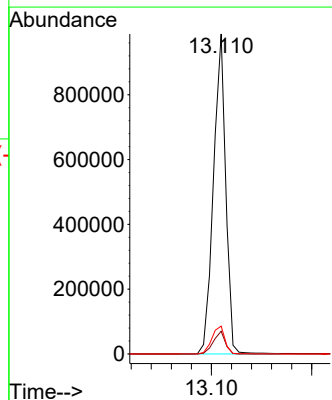
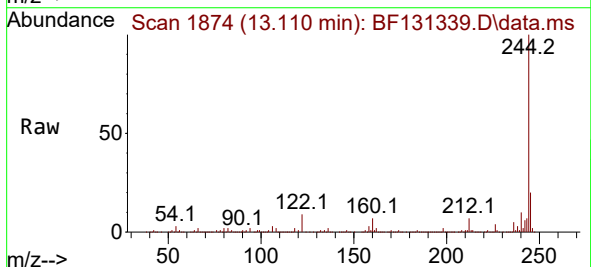
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-25

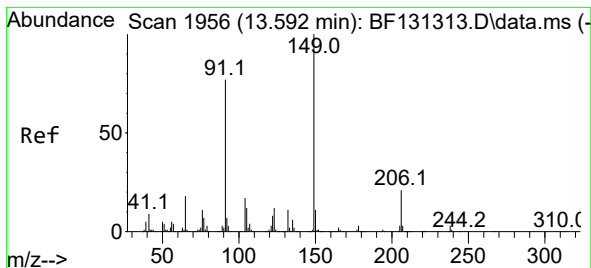
Tgt Ion:184 Resp: 11038
Ion Ratio Lower Upper
184 100
185 17.4 13.8 20.8
183 5.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 72.509 ng
RT: 13.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BF131339.D
Acq: 22 Nov 2022 20:07

Tgt Ion:244 Resp: 841550
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.7 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.154 ng

RT: 13.586 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131339.D

Acq: 22 Nov 2022 20:07

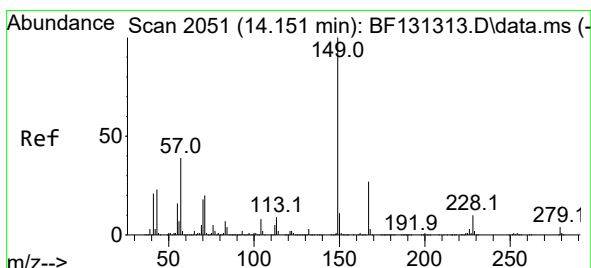
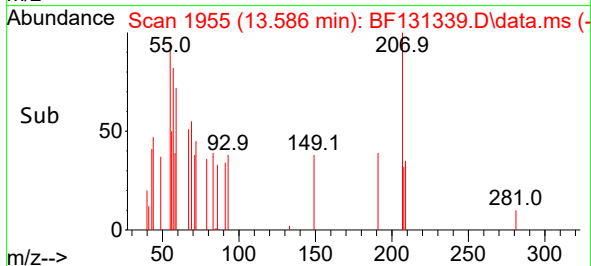
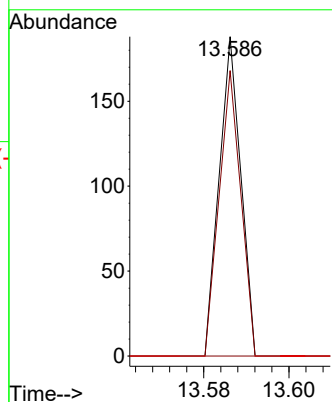
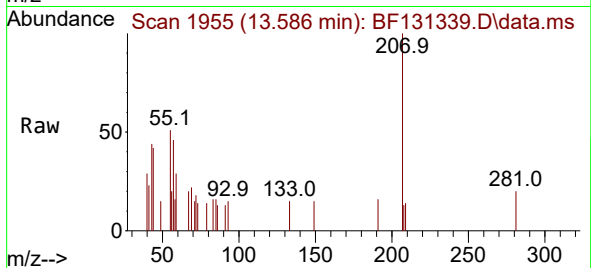
Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-25

Tgt Ion:	149	Resp:	66
Ion	Ratio	Lower	Upper
149	100		
91	89.4	61.9	92.9
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.900 ng

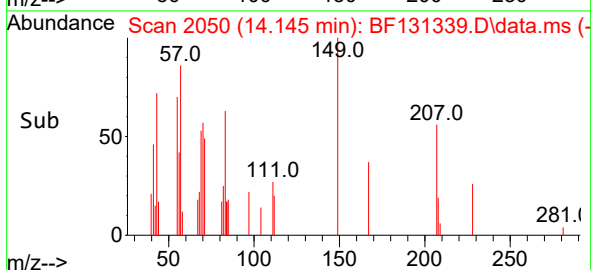
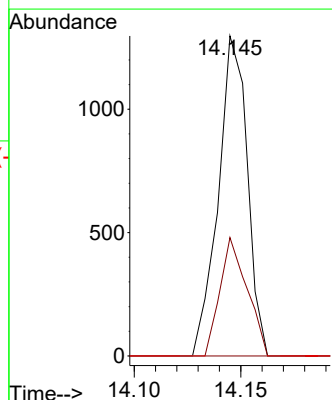
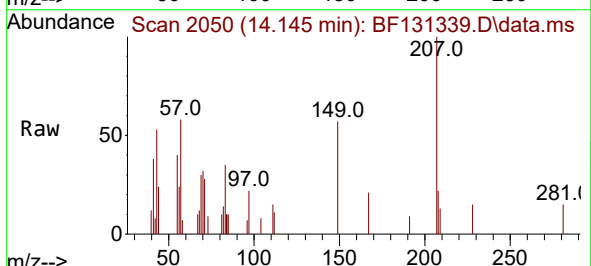
RT: 14.145 min Scan# 2050

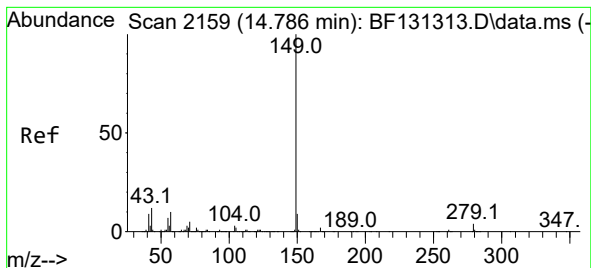
Delta R.T. -0.006 min

Lab File: BF131339.D

Acq: 22 Nov 2022 20:07

Tgt Ion:	149	Resp:	1227
Ion	Ratio	Lower	Upper
149	100		
167	37.0	21.9	32.9#
279	0.0	3.0	4.4#





#85

Di-n-octyl phthalate

Concen: 3.937 ng

RT: 14.774 min Scan# 2157

Delta R.T. -0.012 min

Lab File: BF131339.D

Acq: 22 Nov 2022 20:07

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-25

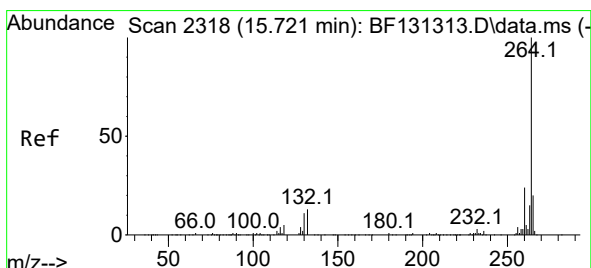
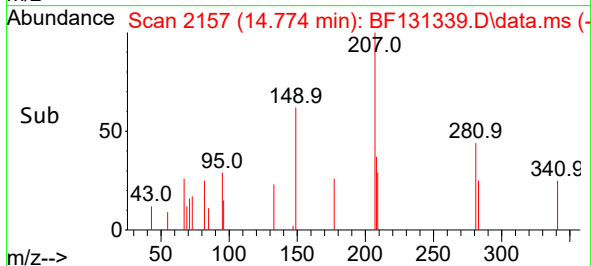
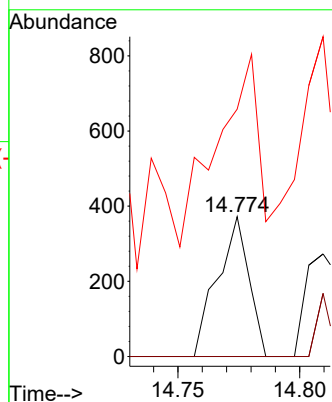
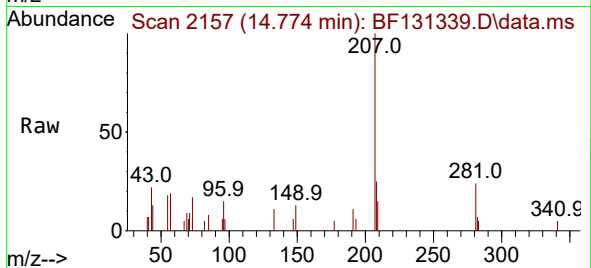
Tgt Ion:149 Resp: 335

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 191.9 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: BF131339.D

Acq: 22 Nov 2022 20:07

Tgt Ion:264 Resp: 200763

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.9 16.4 24.6

