

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131334.D
 Acq On : 22 Nov 2022 17:21
 Operator : CG\JU
 Sample : N5642-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEFT-SIDE-FLATS-29

Quant Time: Nov 23 04:17:02 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

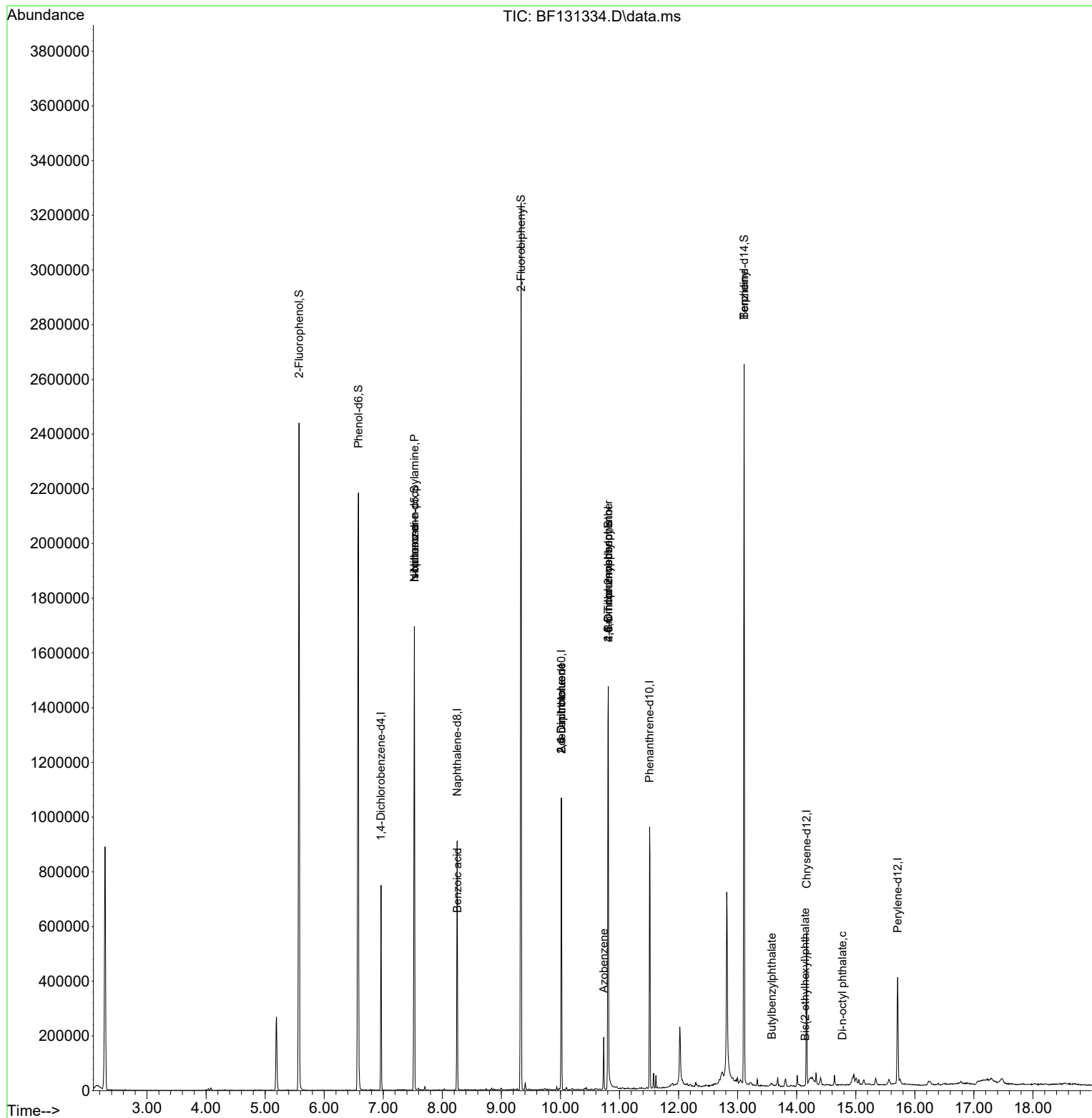
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	94056	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	346473	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	200951	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	349647	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	177976	20.000	ng	-0.01
86) Perylene-d12	15.710	264	188055	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	622139	125.889	ng	0.00
7) Phenol-d6	6.581	99	781327	123.915	ng	0.00
23) Nitrobenzene-d5	7.528	82	512390	74.548	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	180063	106.507	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	953927	69.061	ng	0.00
79) Terphenyl-d14	13.110	244	904650	83.120	ng	0.00
Target Compounds						
9) Benzaldehyde	6.575	77	1387	Below Cal	Qvalue	# 4
19) n-Nitroso-di-n-propyla...	7.528	70	70765	15.331	ng	# 73
25) Isophorone	7.528	82	511128	41.682	ng	# 68
32) Benzoic acid	8.257	122	67	5.153	ng	# 1
51) 2,6-Dinitrotoluene	10.016	165	25459	9.093	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	25459	7.226	ng	# 19
63) Azobenzene	10.733	77	30135	2.120	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.810	198	399	4.871	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	12287	2.867	ng	# 1
77) Benzidine	13.110	184	12670	3.854	ng	# 95
80) Butylbenzylphthalate	13.580	149	187	4.176	ng	# 25
84) Bis(2-ethylhexyl)phtha...	14.145	149	956	3.875	ng	# 91
85) Di-n-octyl phthalate	14.774	149	237	3.929	ng	# 1

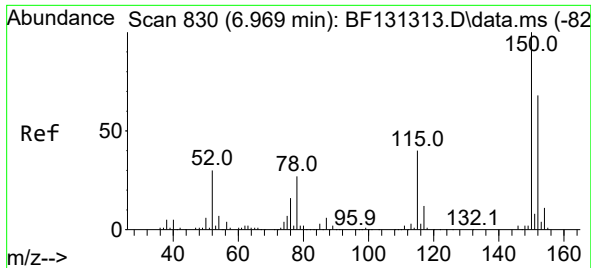
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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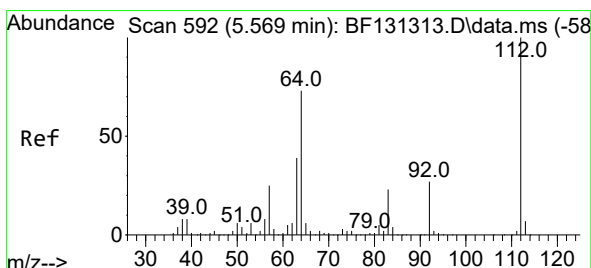
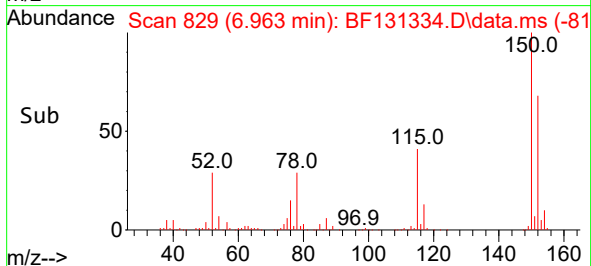
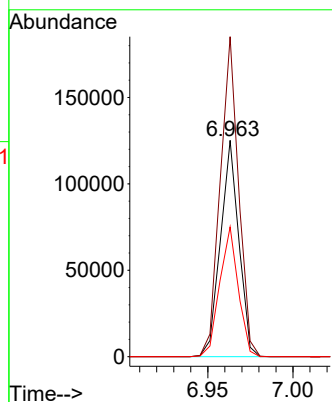
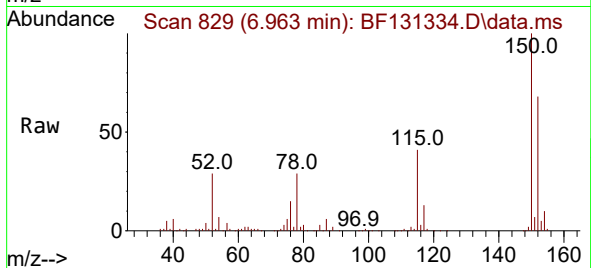




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131334.D
 Acq: 22 Nov 2022 17:21

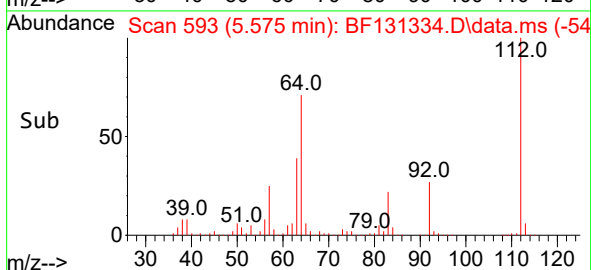
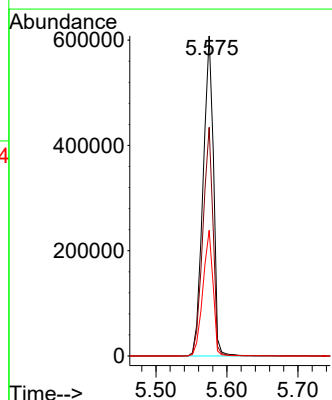
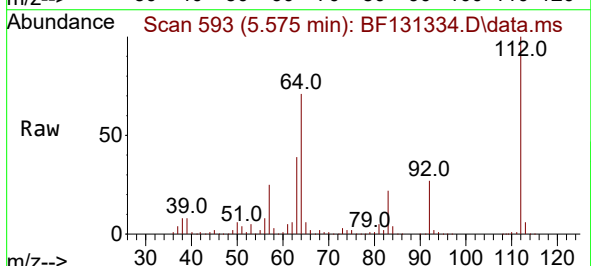
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 BNA_F
 ClientSampleId :
 LEFT-SIDE-FLATS-29

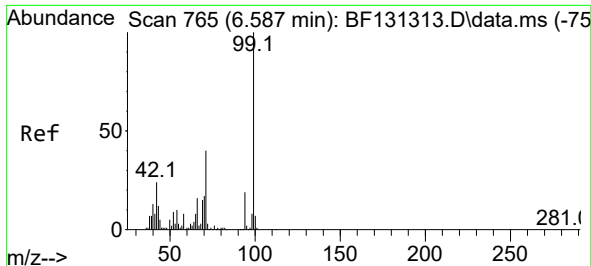
Tgt Ion:152 Resp: 94056
 Ion Ratio Lower Upper
 152 100
 150 148.0 117.8 176.8
 115 60.0 47.1 70.7



#5
 2-Fluorophenol
 Concen: 125.889 ng
 RT: 5.575 min Scan# 593
 Delta R.T. 0.006 min
 Lab File: BF131334.D
 Acq: 22 Nov 2022 17:21

Tgt Ion:112 Resp: 622139
 Ion Ratio Lower Upper
 112 100
 64 71.4 58.6 88.0
 63 39.2 31.4 47.0

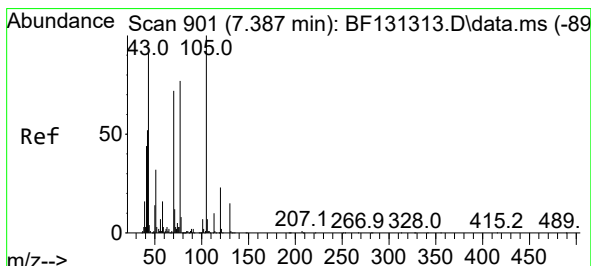
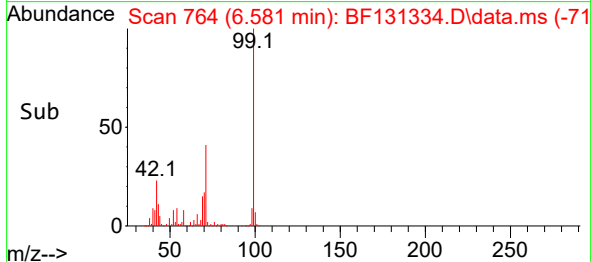
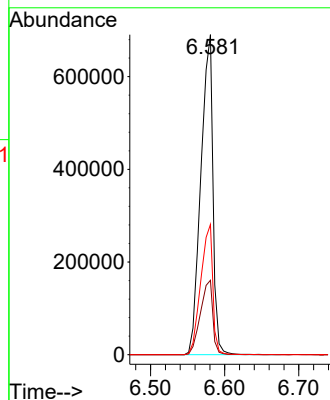
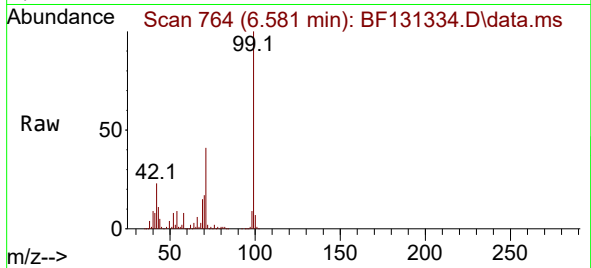




#7
Phenol-d6
Concen: 123.915 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

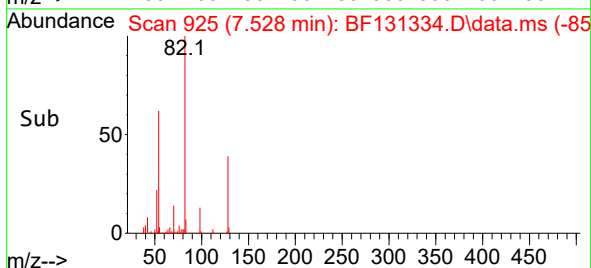
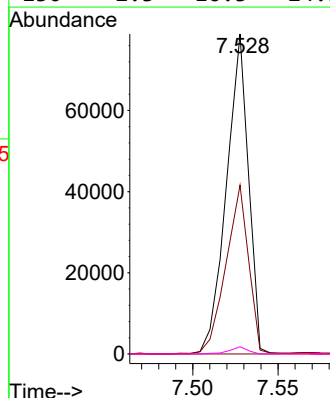
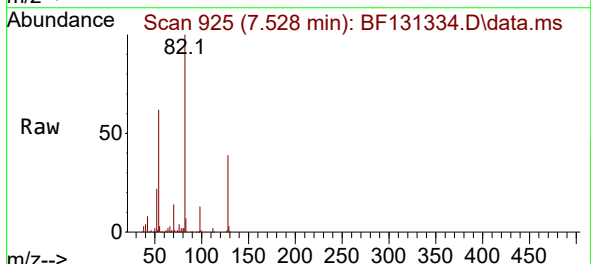
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-29

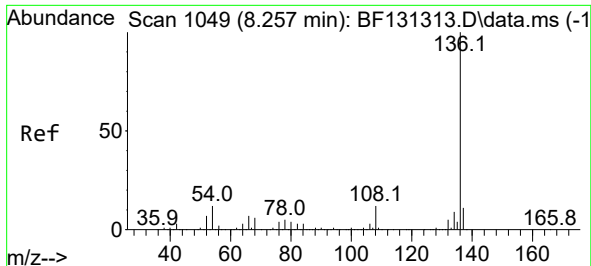
Tgt Ion: 99 Resp: 781327
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 40.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.331 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion: 70 Resp: 70765
Ion Ratio Lower Upper
70 100
42 52.7 57.6 86.4#
101 0.0 8.2 12.2#
130 2.3 16.3 24.5#

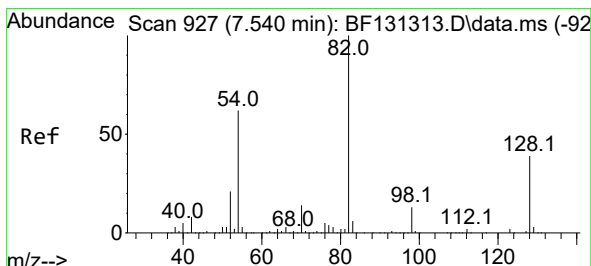
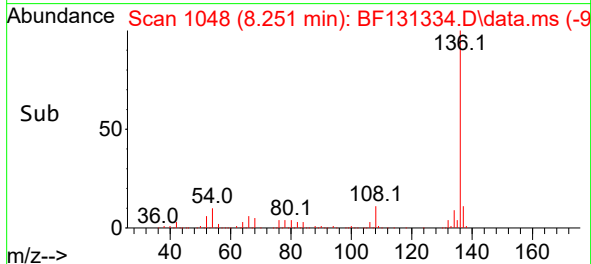
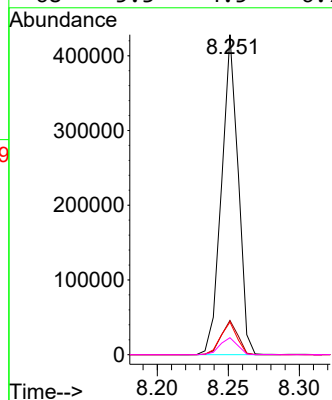
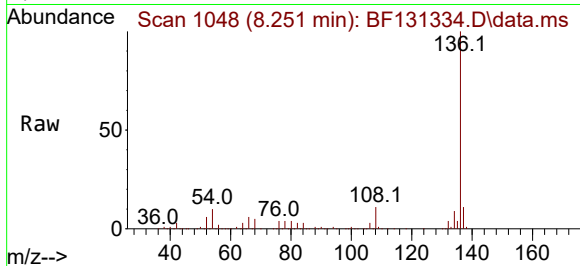




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

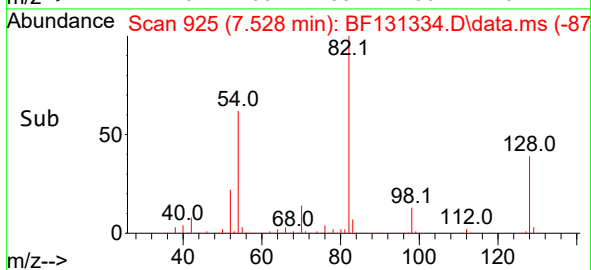
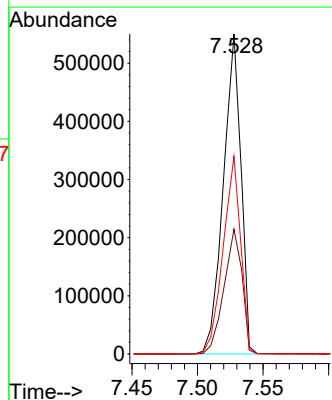
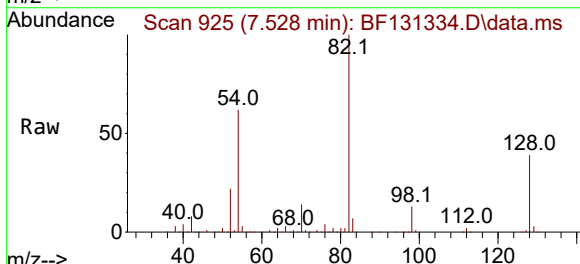
Instrument :
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ClientSampleId :
LEFT-SIDE-FLATS-29

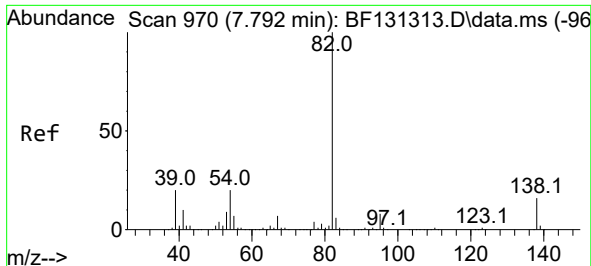
Tgt Ion:136 Resp: 346473
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.2 9.4 14.0
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 74.548 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion: 82 Resp: 512390
Ion Ratio Lower Upper
82 100
128 39.0 31.4 47.0
54 61.8 49.8 74.6

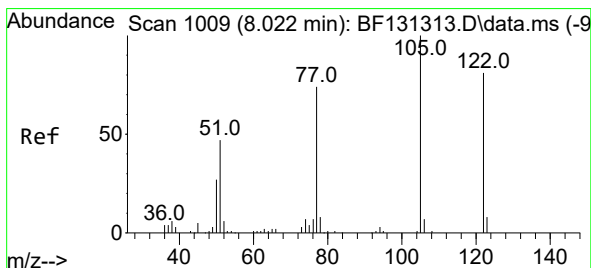
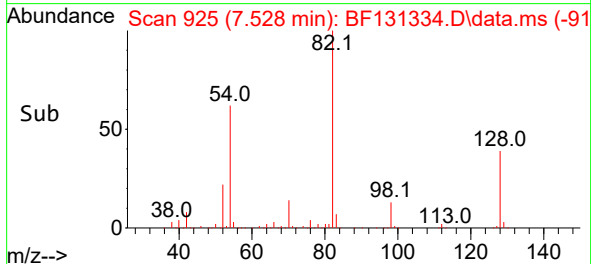
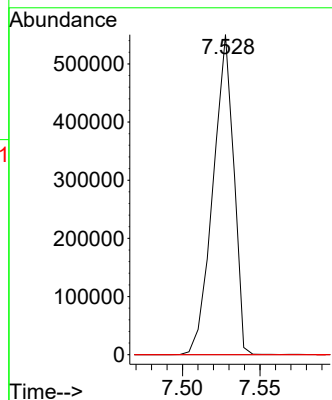
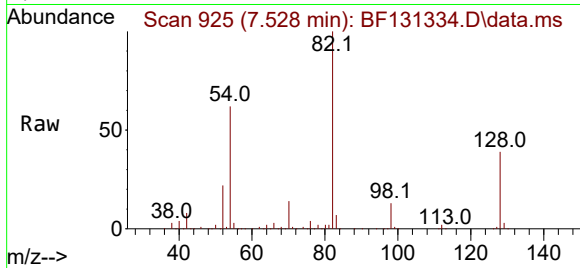




#25
Isophorone
Concen: 41.682 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

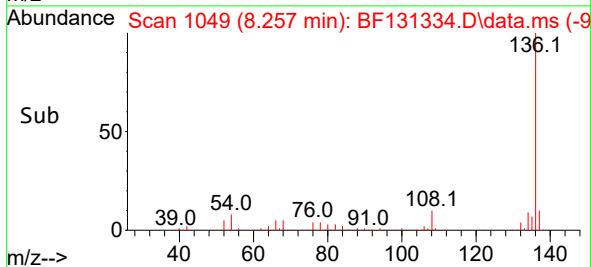
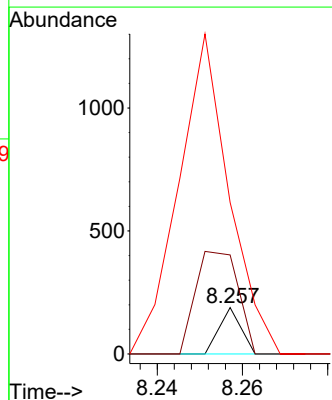
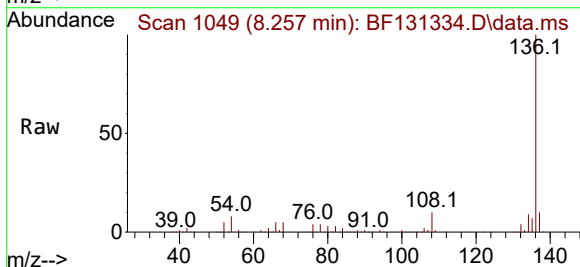
Instrument :
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ClientSampleId :
LEFT-SIDE-FLATS-29

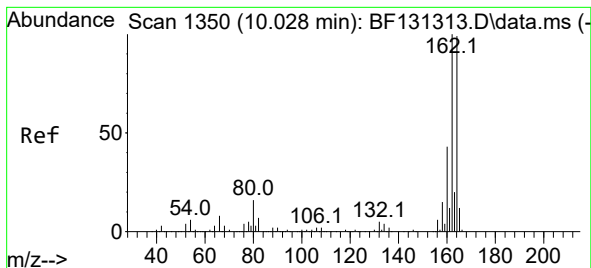
Tgt Ion: 82 Resp: 511128
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.153 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.235 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion: 122 Resp: 67
Ion Ratio Lower Upper
122 100
105 213.2 103.8 143.8#
77 325.9 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: BF131334.D

Acq: 22 Nov 2022 17:21

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-29

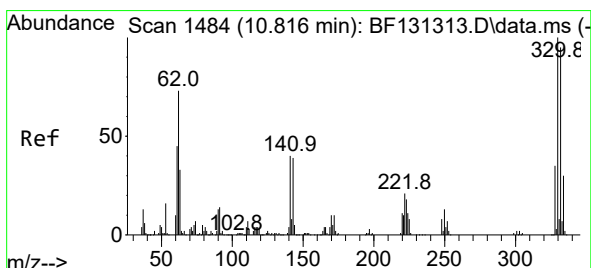
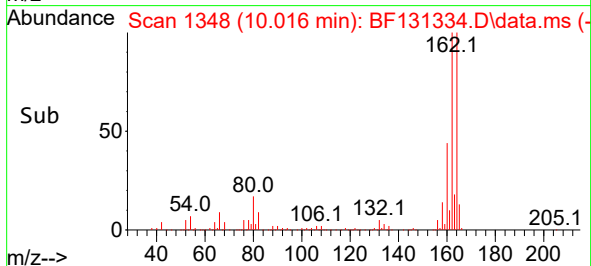
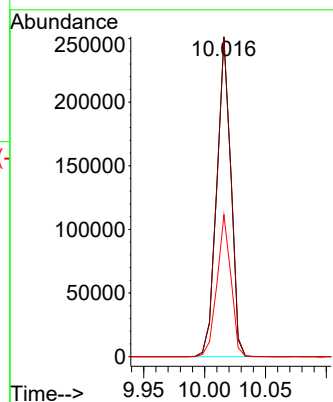
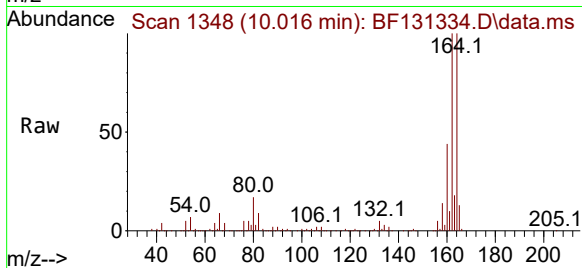
Tgt Ion:164 Resp: 200951

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.5 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 106.507 ng

RT: 10.810 min Scan# 1483

Delta R.T. -0.006 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

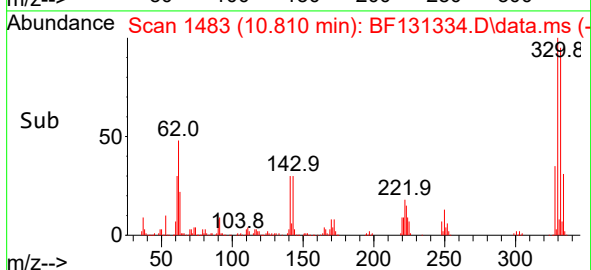
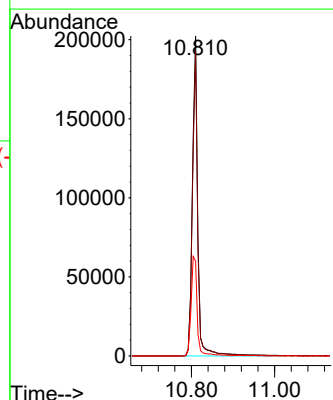
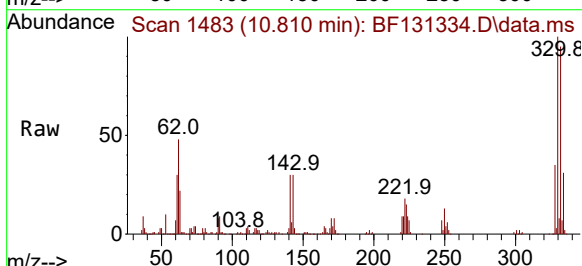
Tgt Ion:330 Resp: 180063

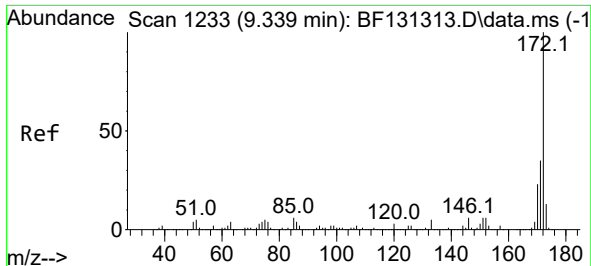
Ion Ratio Lower Upper

330 100

332 94.3 77.5 116.3

141 35.5 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 69.061 ng

RT: 9.333 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-29

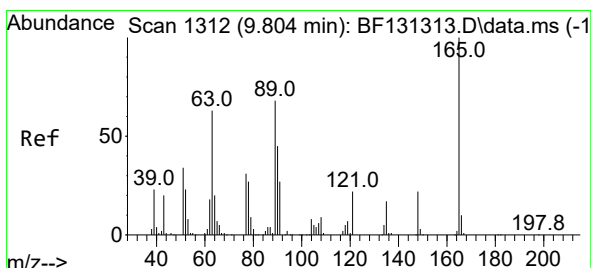
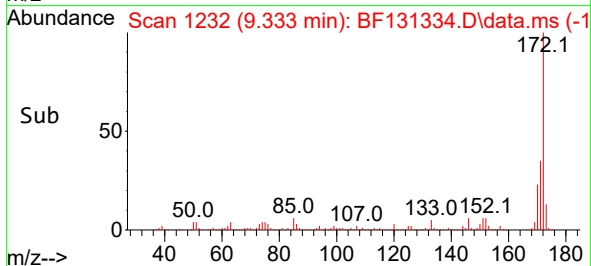
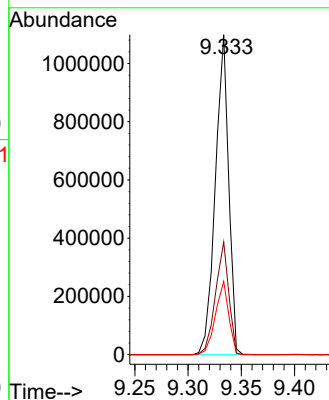
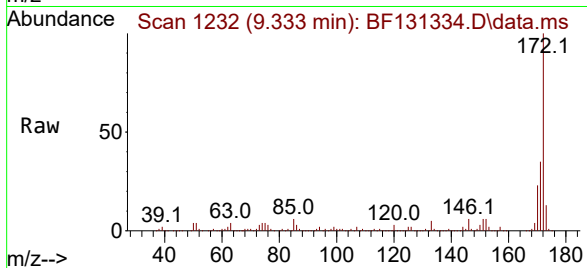
Tgt Ion:172 Resp: 953927

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 22.9 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.093 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.212 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

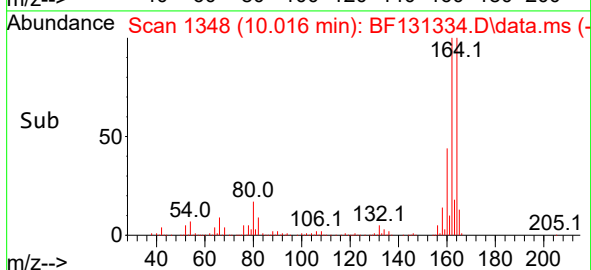
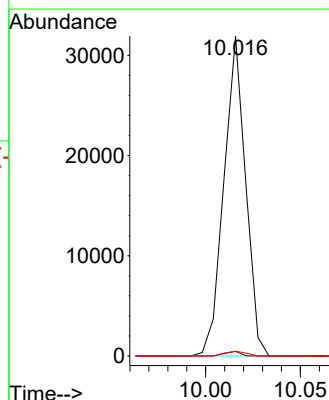
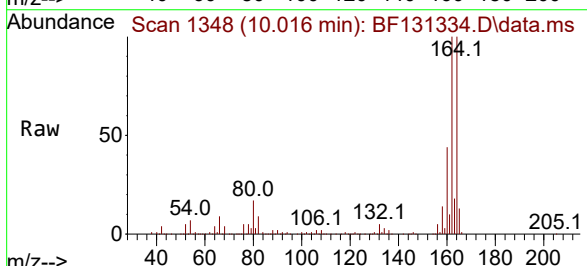
Tgt Ion:165 Resp: 25459

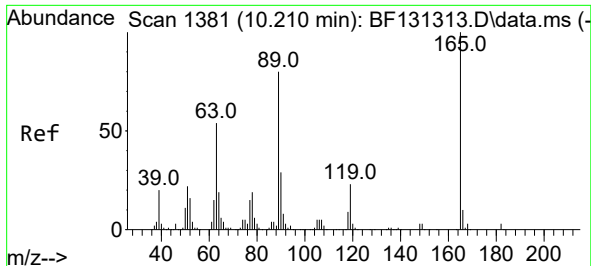
Ion Ratio Lower Upper

165 100

63 1.4 62.0 93.0#

89 1.5 54.4 81.6#

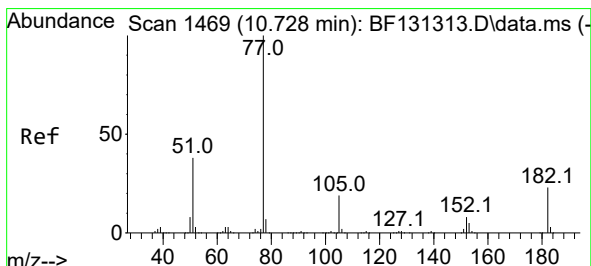
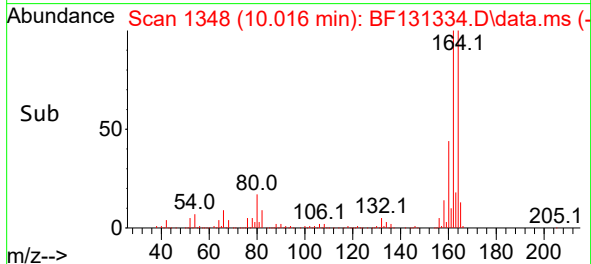
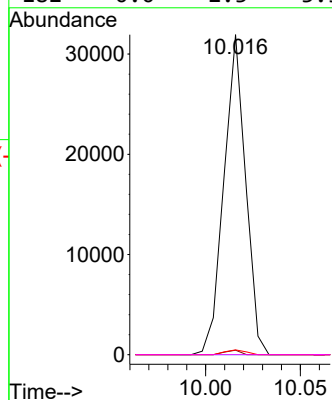
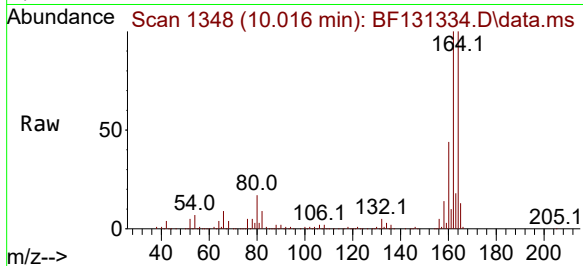




#57
2,4-Dinitrotoluene
Concen: 7.226 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

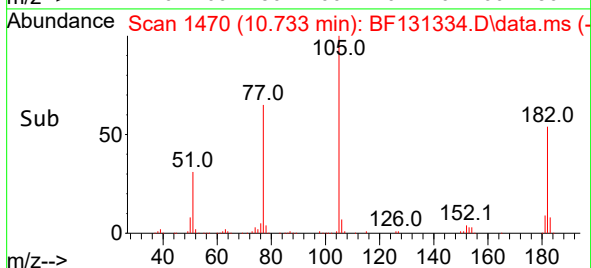
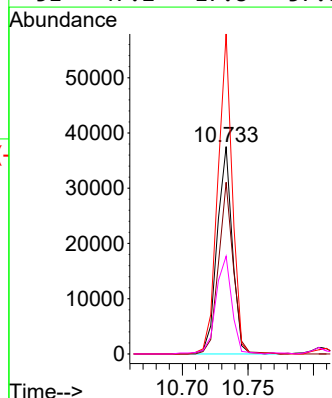
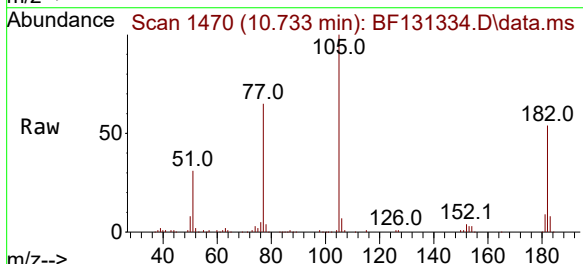
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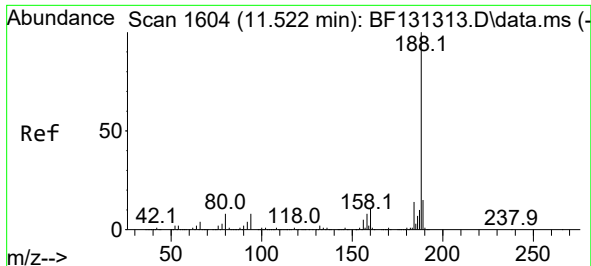
Tgt Ion:165 Resp: 25459
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.5 64.0 96.0#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 2.120 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion: 77 Resp: 30135
Ion Ratio Lower Upper
77 100
182 82.8 3.1 43.1#
105 154.3 0.0 39.2#
51 47.2 17.8 57.8

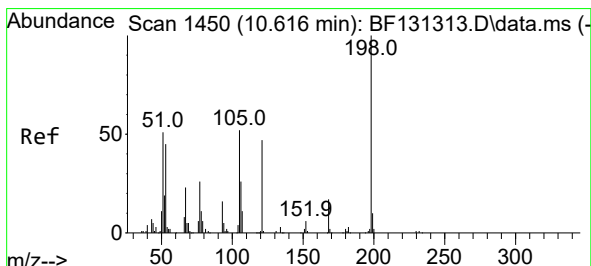
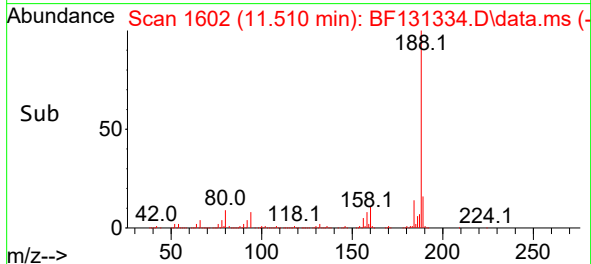
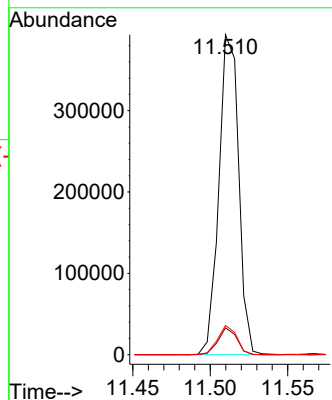
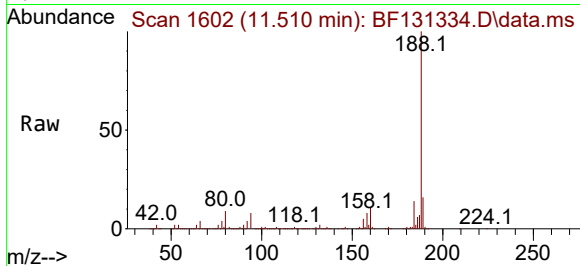




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

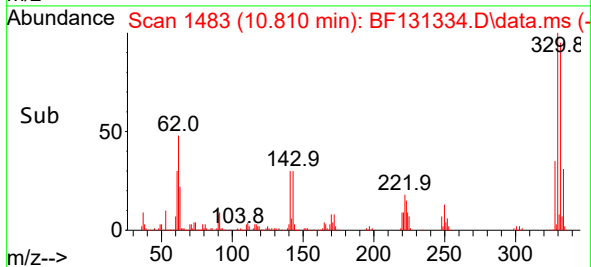
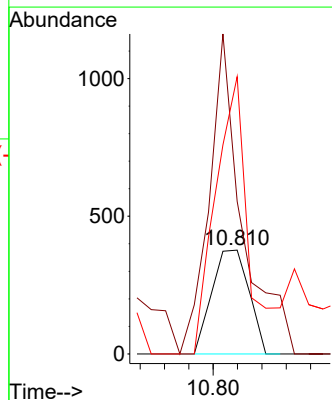
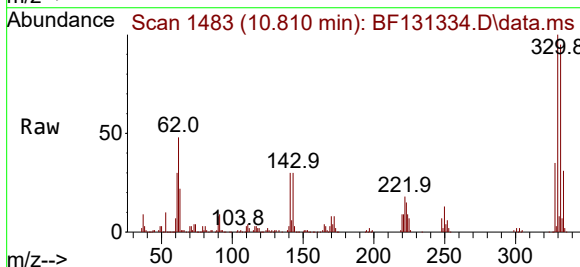
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-29

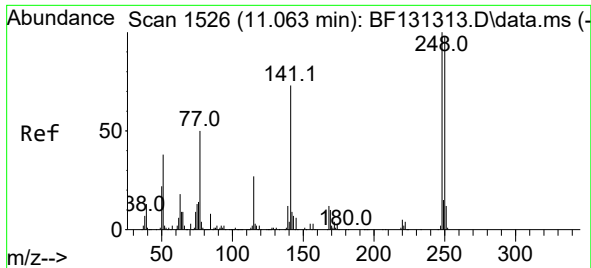
Tgt Ion:188 Resp: 349647
Ion Ratio Lower Upper
188 100
94 8.4 6.3 9.5
80 9.2 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.871 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.194 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion:198 Resp: 399
Ion Ratio Lower Upper
198 100
51 146.9 50.1 90.1#
105 267.1 32.5 72.5#

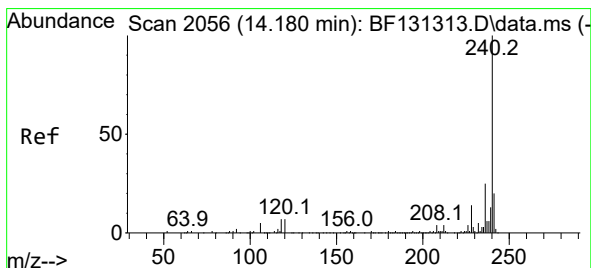
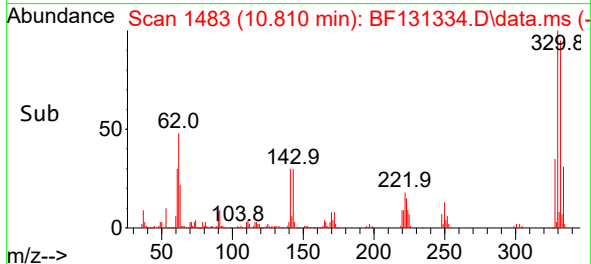
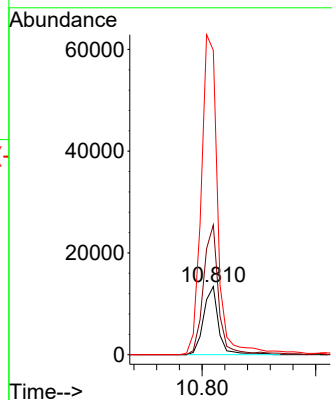
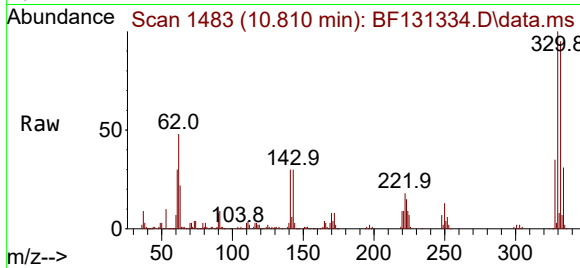




#67
4-Bromophenyl-phenylether
Concen: 2.867 ng
RT: 10.810 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

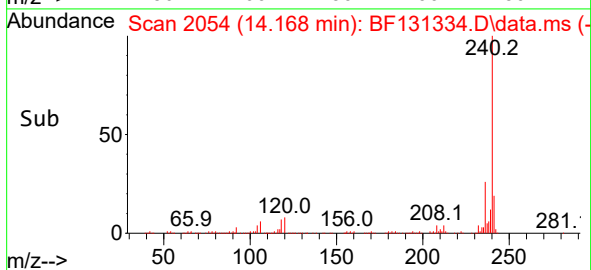
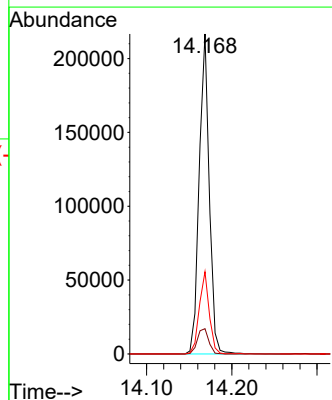
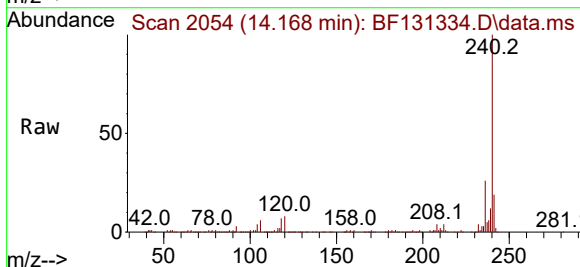
Instrument :
BNA_F
ClientSampleId :
LEFT-SIDE-FLATS-29

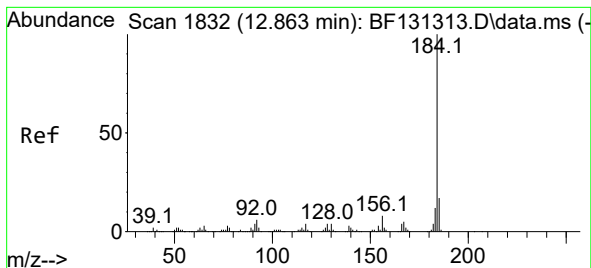
Tgt Ion:248 Resp: 12287
Ion Ratio Lower Upper
248 100
250 190.5 78.3 117.5#
141 447.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131334.D
Acq: 22 Nov 2022 17:21

Tgt Ion:240 Resp: 177976
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 25.7 20.3 30.5





#77

Benzidine

Concen: 3.854 ng

RT: 13.110 min Scan# 1874

Delta R.T. 0.247 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-29

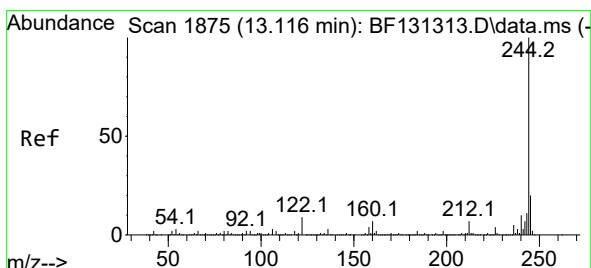
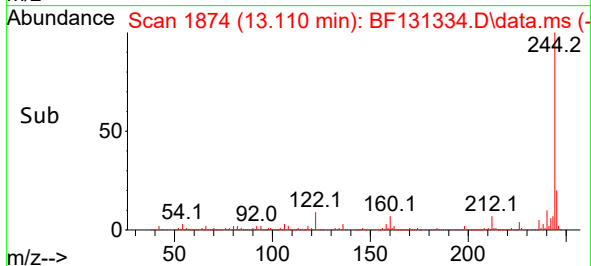
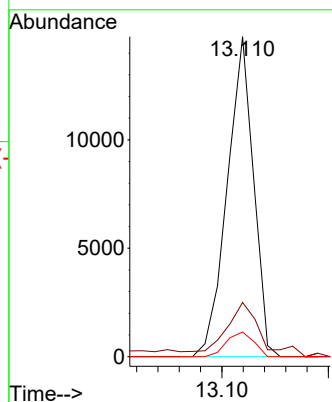
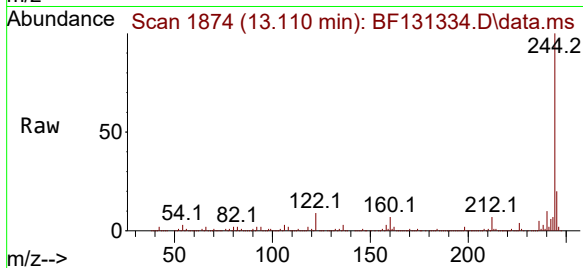
Tgt Ion:184 Resp: 12670

Ion Ratio Lower Upper

184 100

185 17.0 13.8 20.8

183 7.7 9.6 14.4#



#79

Terphenyl-d14

Concen: 83.120 ng

RT: 13.110 min Scan# 1874

Delta R.T. -0.006 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

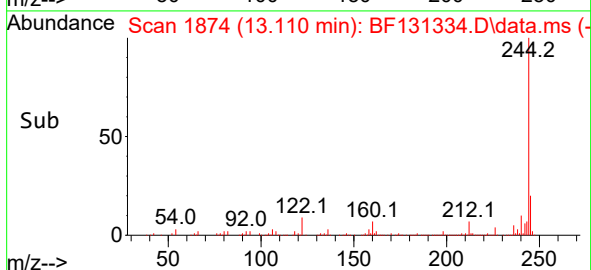
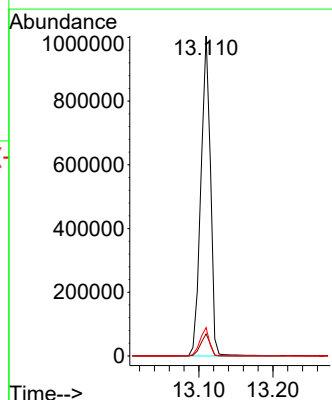
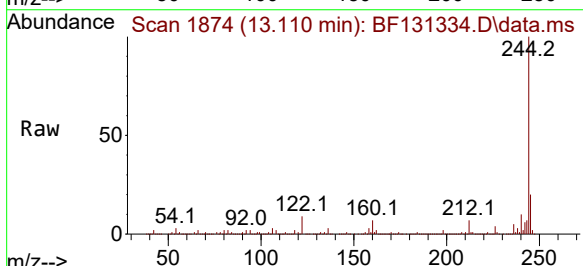
Tgt Ion:244 Resp: 904650

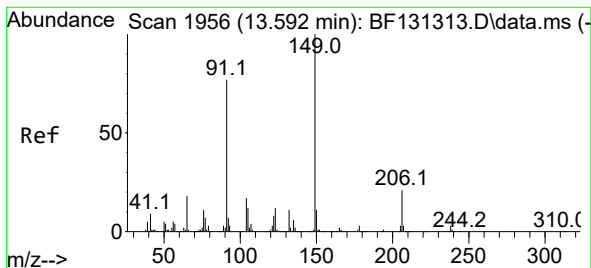
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 8.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.176 ng

RT: 13.580 min Scan# 1954

Delta R.T. -0.012 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-29

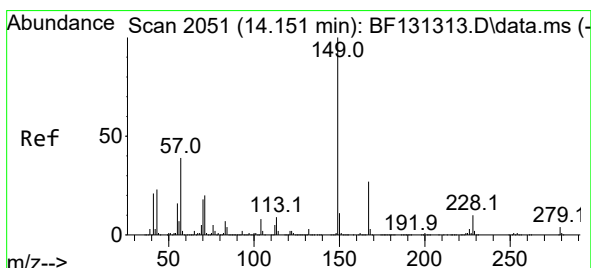
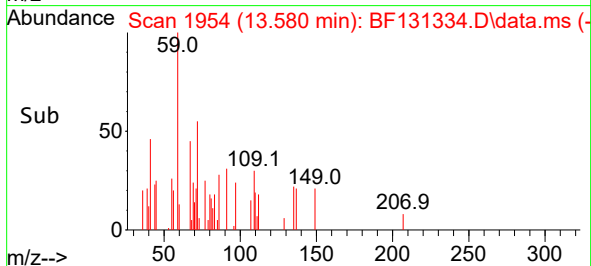
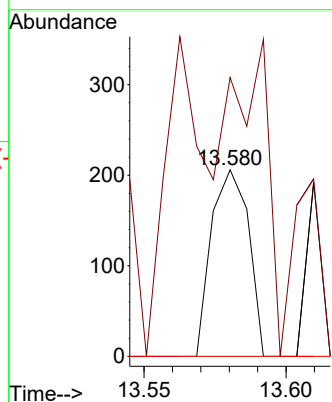
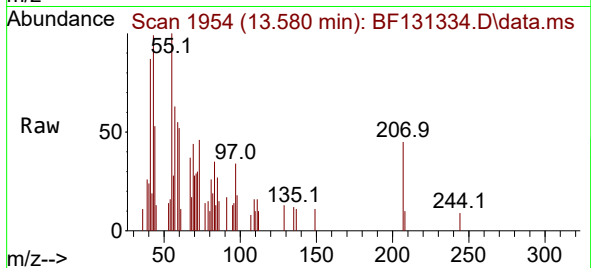
Tgt Ion:149 Resp: 187

Ion Ratio Lower Upper

149 100

91 149.5 61.9 92.9#

206 0.0 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.875 ng

RT: 14.145 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

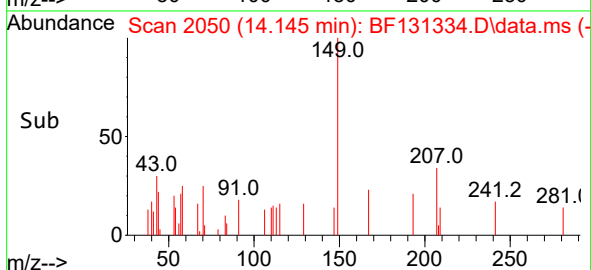
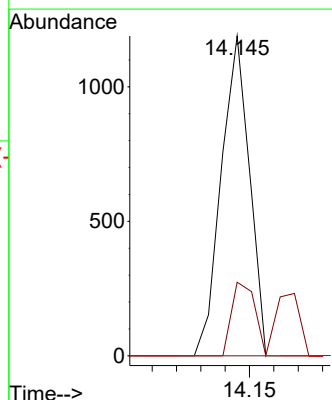
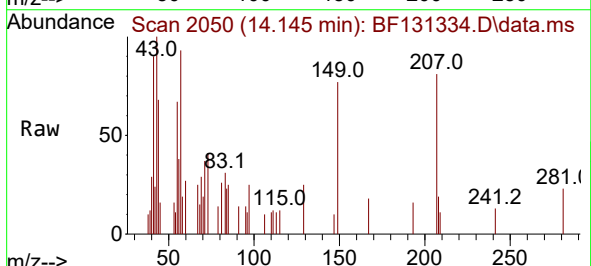
Tgt Ion:149 Resp: 956

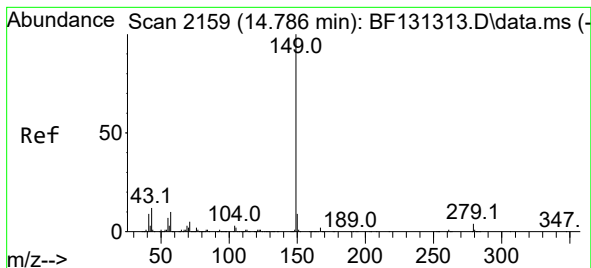
Ion Ratio Lower Upper

149 100

167 23.0 21.9 32.9

279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.929 ng

RT: 14.774 min Scan# 2159

Delta R.T. -0.012 min

Lab File: BF131334.D

Acq: 22 Nov 2022 17:21

Instrument :

BNA_F

ClientSampleId :

LEFT-SIDE-FLATS-29

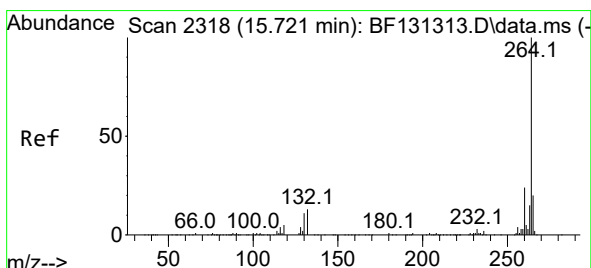
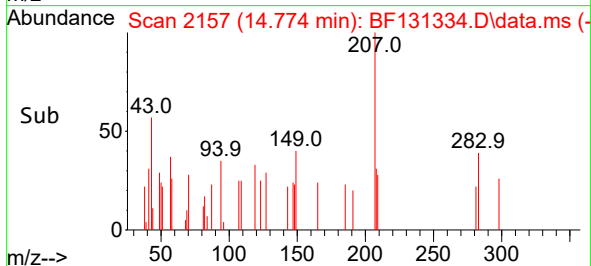
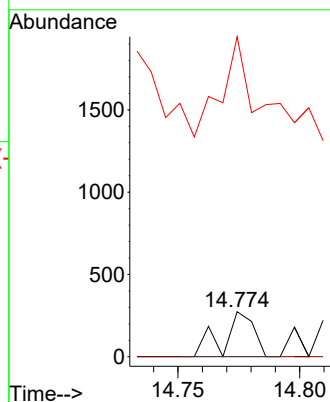
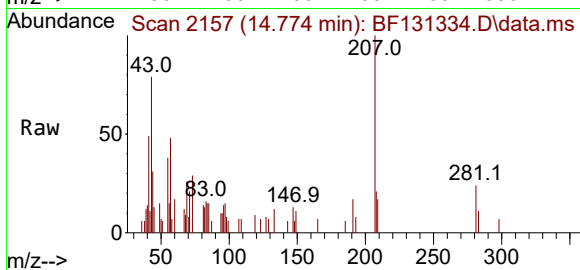
Tgt Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 305.9 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: BF131334.D

Acq: 22 Nov 2022 17:21

Tgt Ion:264 Resp: 188055

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 22.0 16.4 24.6

