

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131382.D
 Acq On : 24 Nov 2022 02:28
 Operator : CG\JU
 Sample : N5642-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-26

Quant Time: Nov 24 06:00:10 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)

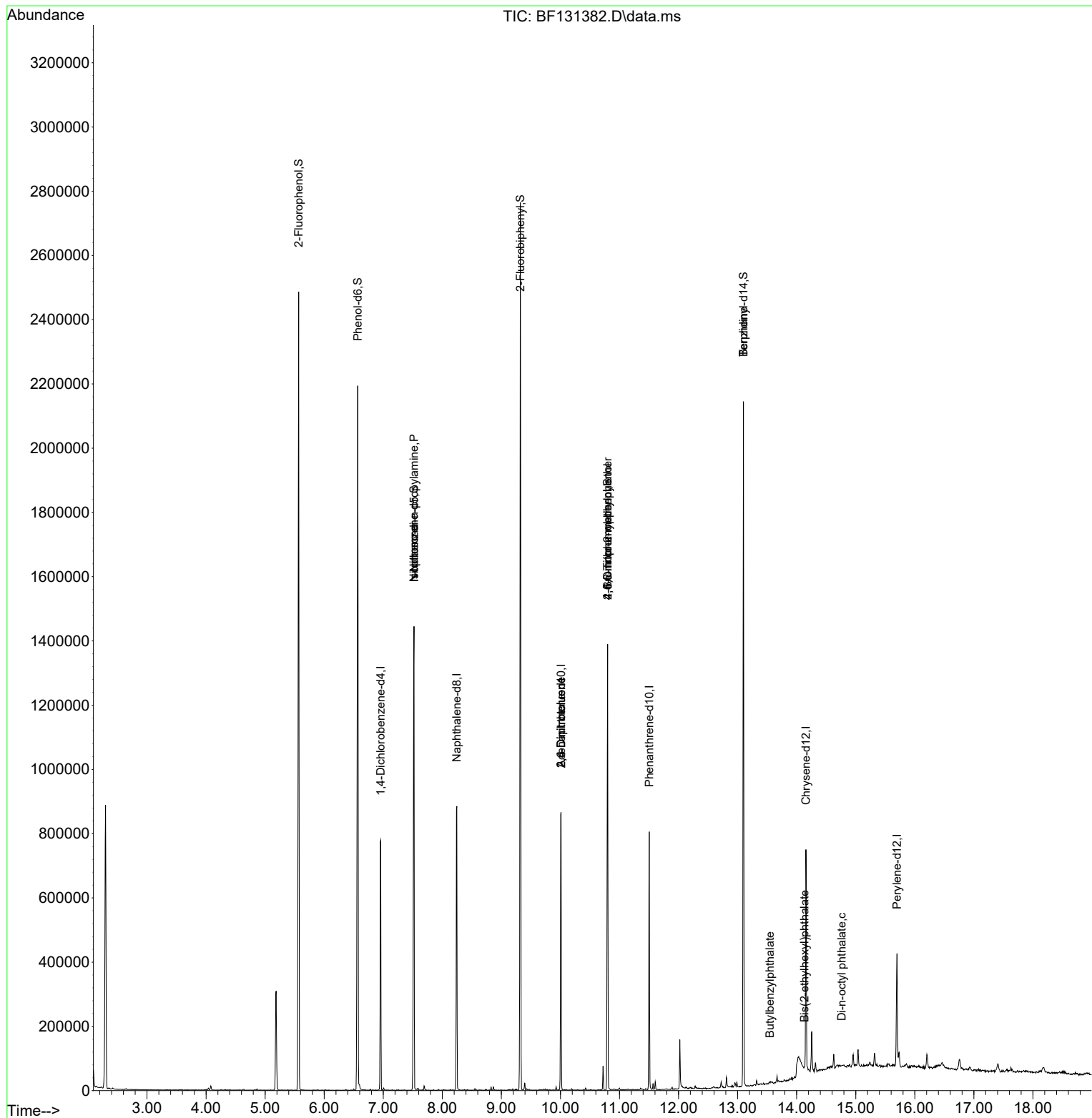
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	115106	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	384950	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	177751	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	276252	20.000	ng	0.00
76) Chrysene-d12	14.157	240	235477	20.000	ng	# 0.00
86) Perylene-d12	15.698	264	169457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	601962	99.531	ng	0.01
7) Phenol-d6	6.569	99	744099	96.429	ng	0.00
23) Nitrobenzene-d5	7.522	82	463211	60.657	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	146235	97.788	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	770801	63.087	ng	0.00
79) Terphenyl-d14	13.098	244	699044	48.545	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	63	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.522	70	64469	11.413	ng	# 73
25) Isophorone	7.522	82	462671	33.959	ng	# 68
51) 2,6-Dinitrotoluene	10.010	165	23659	9.552	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	23659	7.592	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	349	4.903	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	10074	2.975	ng	# 1
77) Benzidine	13.098	184	9560	2.198	ng	# 92
80) Butylbenzylphthalate	13.545	149	588	4.220	ng	# 52
84) Bis(2-ethylhexyl)phtha...	14.133	149	1587	3.907	ng	# 82
85) Di-n-octyl phthalate	14.762	149	442	3.940	ng	# 1

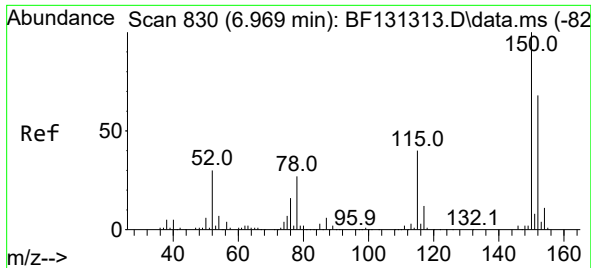
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 06:00:10 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

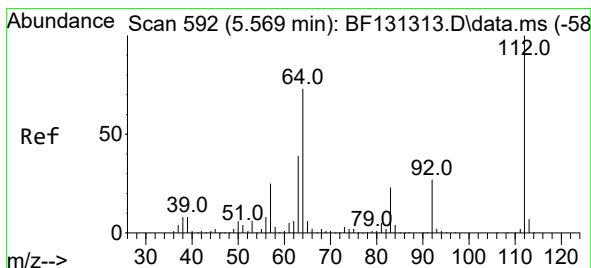
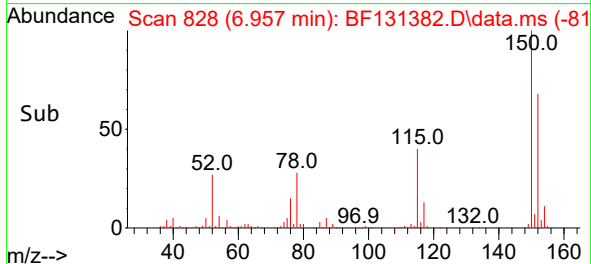
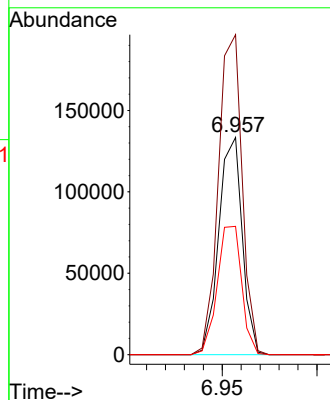
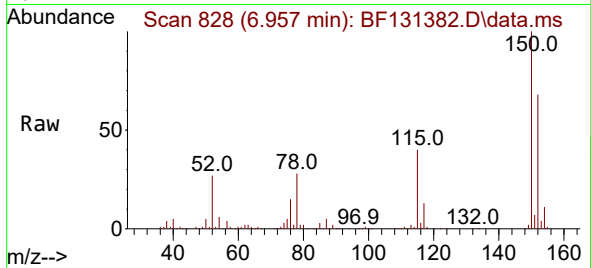




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

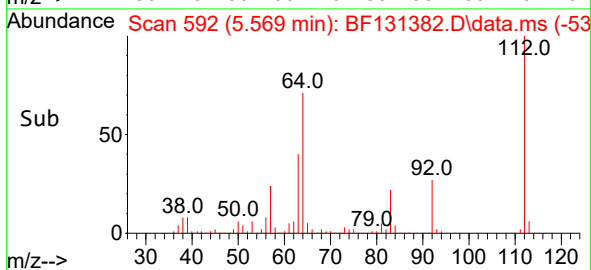
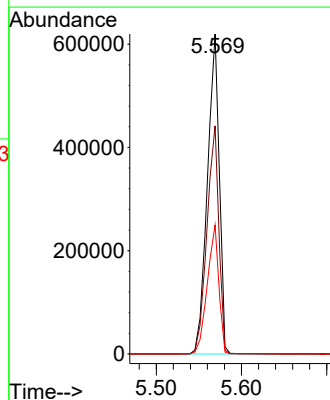
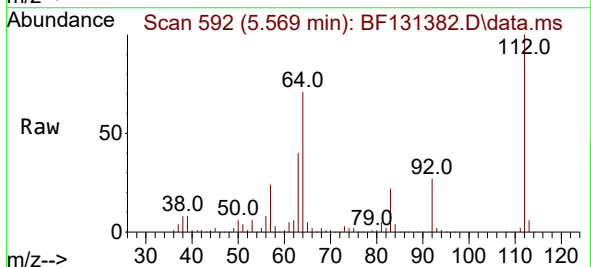
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

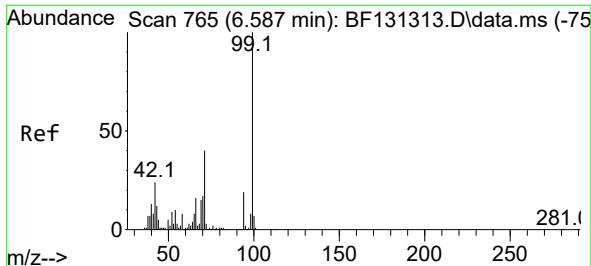
Tgt Ion:152 Resp: 115106
Ion Ratio Lower Upper
152 100
150 147.2 117.8 176.8
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 99.531 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:112 Resp: 601962
Ion Ratio Lower Upper
112 100
64 71.3 58.6 88.0
63 40.3 31.4 47.0

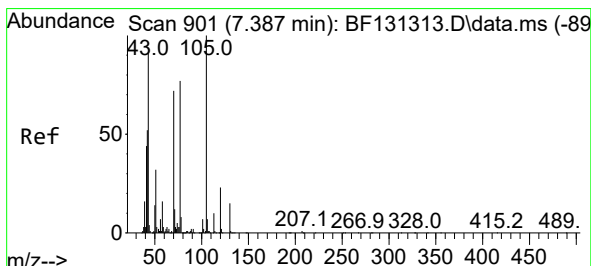
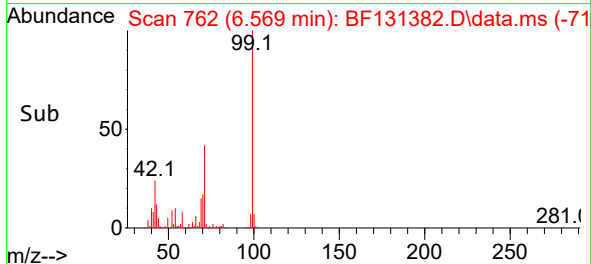
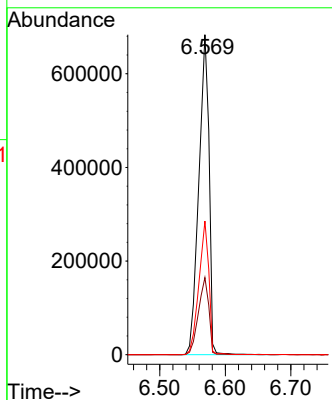
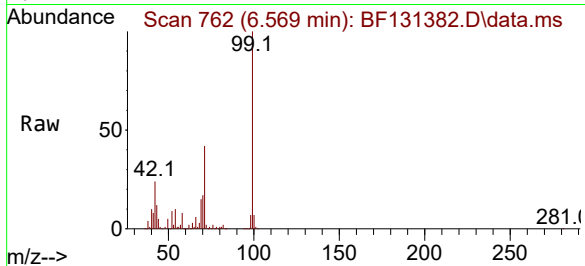




#7
Phenol-d6
Concen: 96.429 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

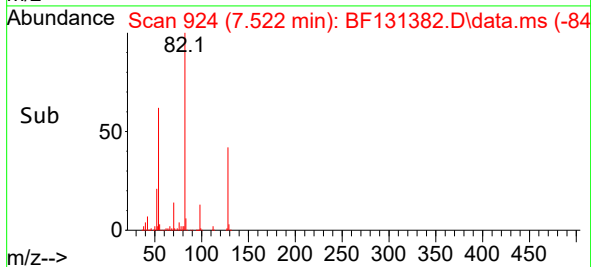
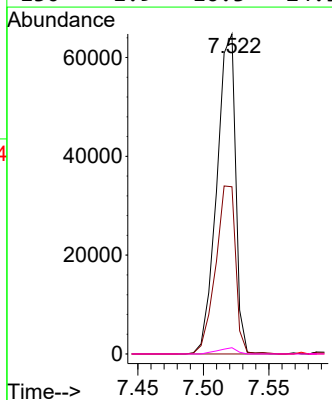
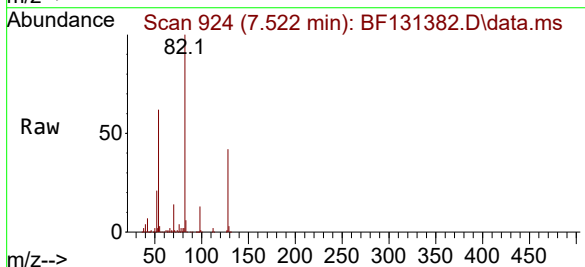
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

Tgt Ion: 99 Resp: 744099
Ion Ratio Lower Upper
99 100
42 24.1 19.4 29.2
71 41.7 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.413 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.153 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion: 70 Resp: 64469
Ion Ratio Lower Upper
70 100
42 52.2 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

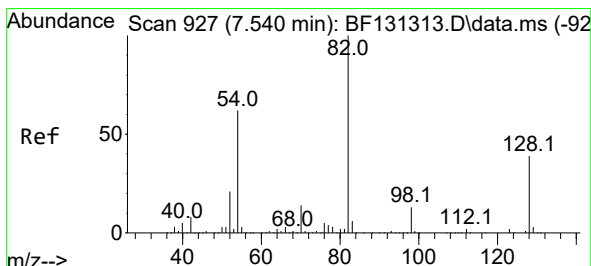
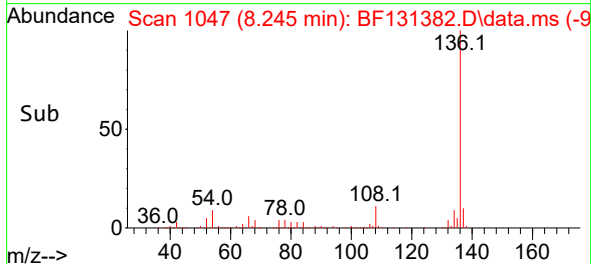
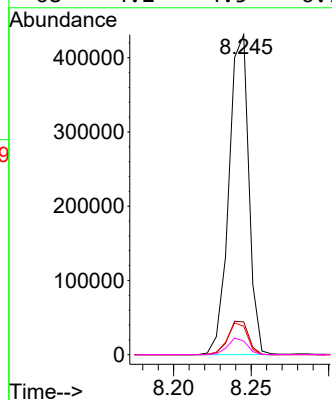
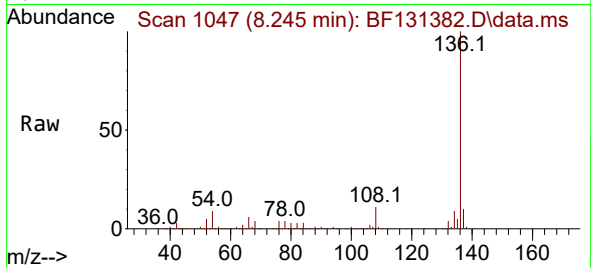




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

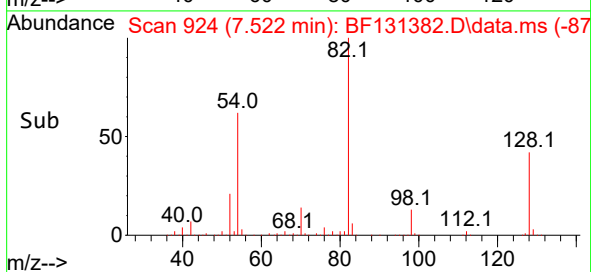
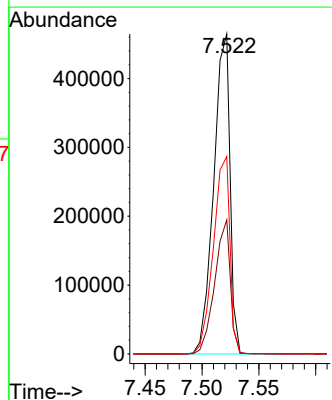
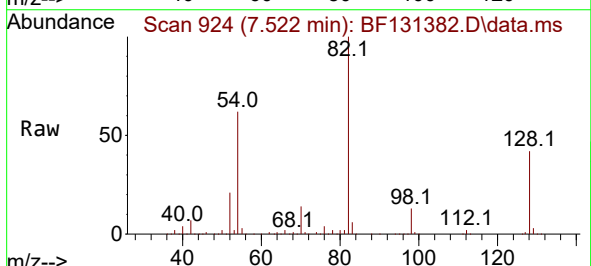
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

Tgt Ion:136 Resp: 384950
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.6
54 8.9 9.4 14.0#
68 4.2 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 60.657 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion: 82 Resp: 463211
Ion Ratio Lower Upper
82 100
128 41.9 31.4 47.0
54 61.7 49.8 74.6

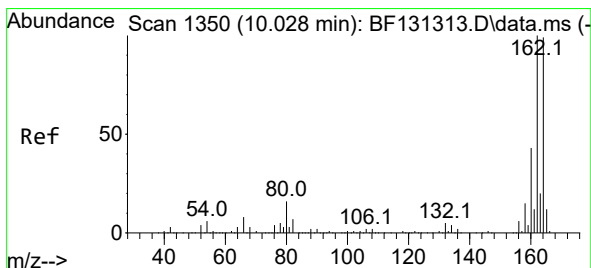
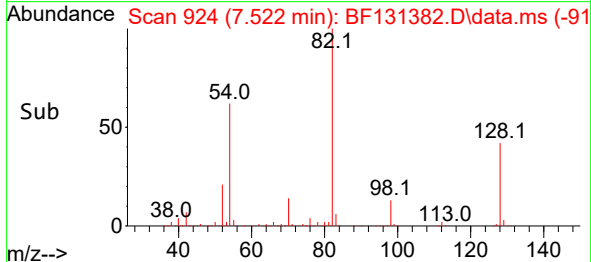
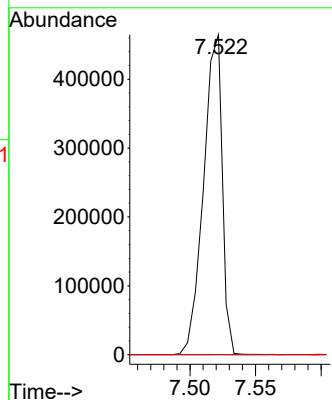
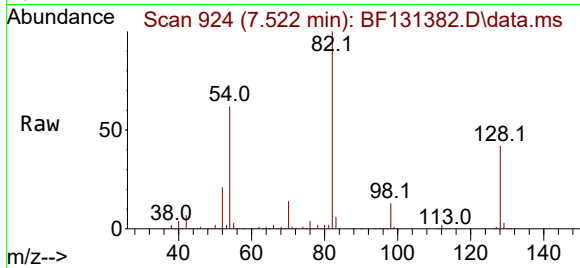




#25
Isophorone
Concen: 33.959 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

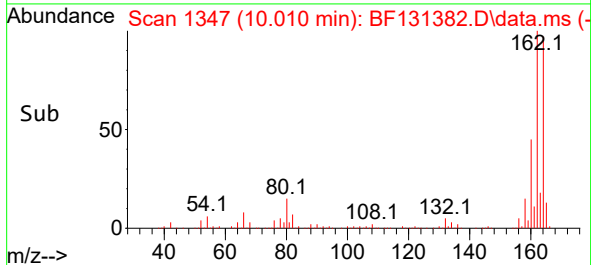
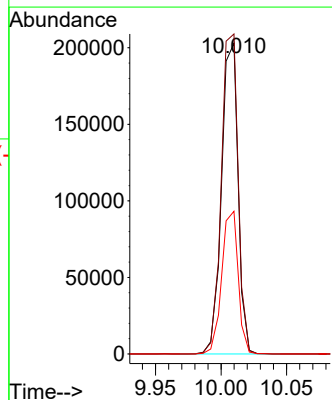
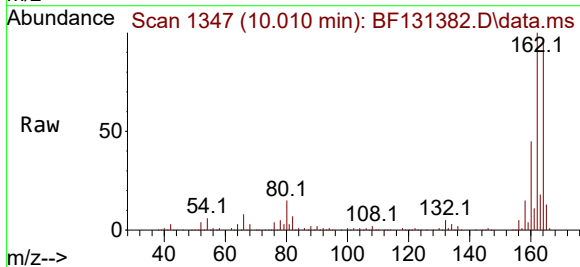
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

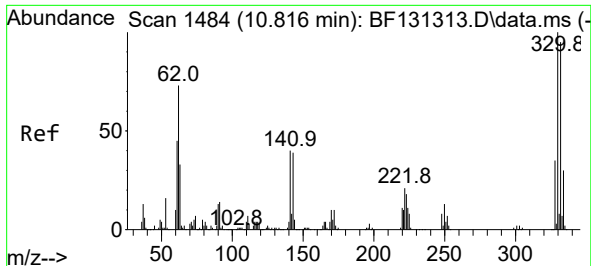
Tgt Ion: 82 Resp: 462671
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:164 Resp: 177751
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 46.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 97.788 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF131382.D

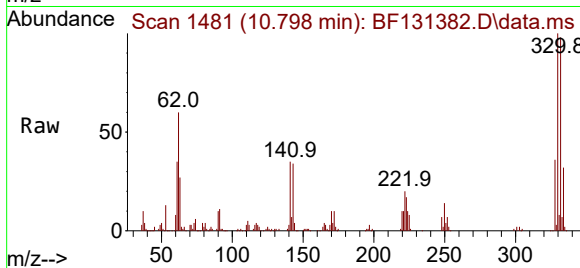
Acq: 24 Nov 2022 02:28

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-26



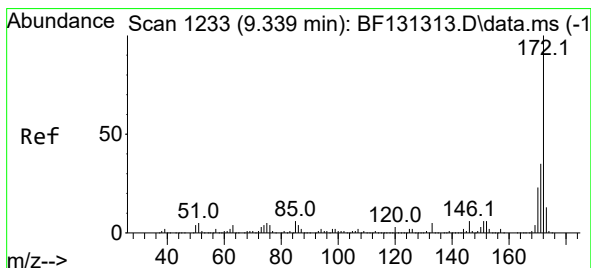
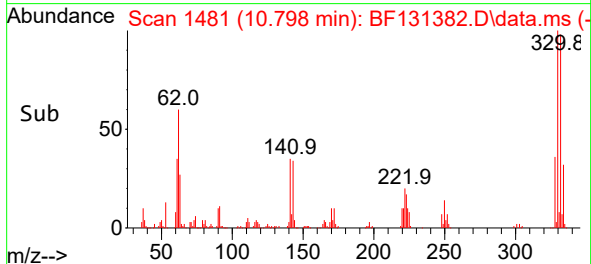
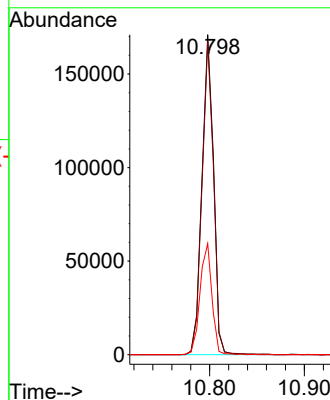
Tgt Ion:330 Resp: 146235

Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 35.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 63.087 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131382.D

Acq: 24 Nov 2022 02:28

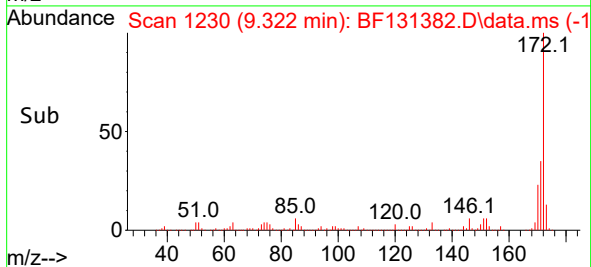
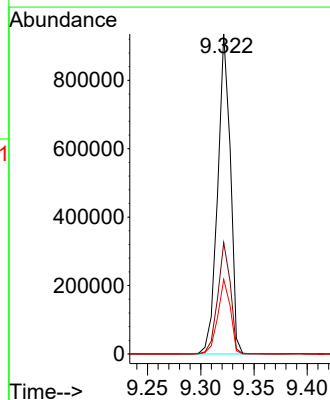
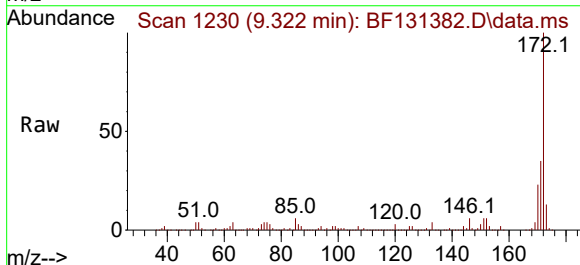
Tgt Ion:172 Resp: 770801

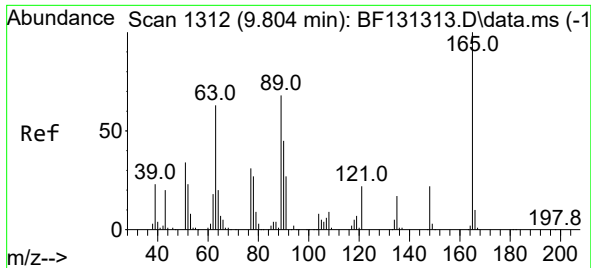
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.552 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.217 min

Lab File: BF131382.D

Acq: 24 Nov 2022 02:28

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-26

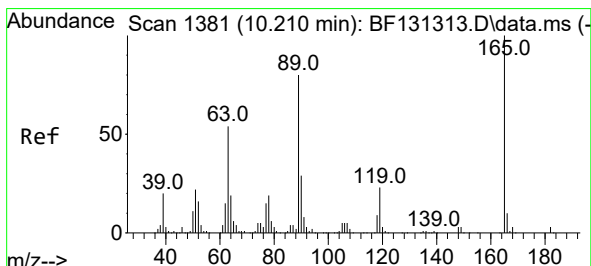
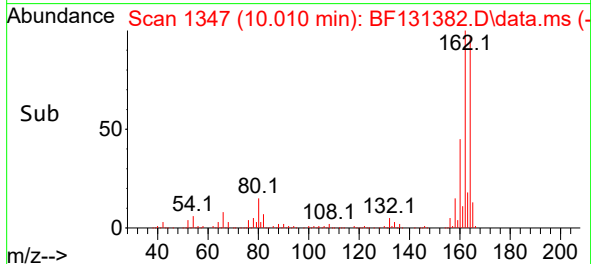
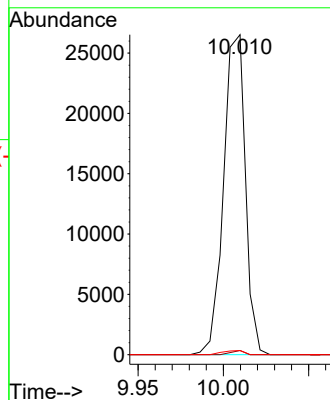
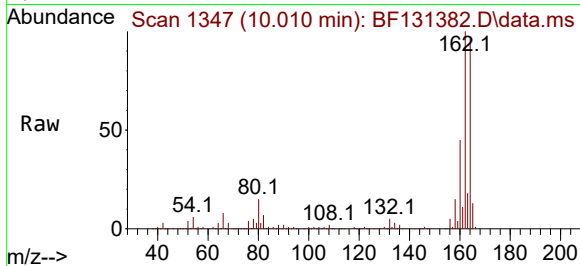
Tgt Ion:165 Resp: 23659

Ion Ratio Lower Upper

165 100

63 1.3 62.0 93.0#

89 1.3 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.592 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.183 min

Lab File: BF131382.D

Acq: 24 Nov 2022 02:28

Tgt Ion:165 Resp: 23659

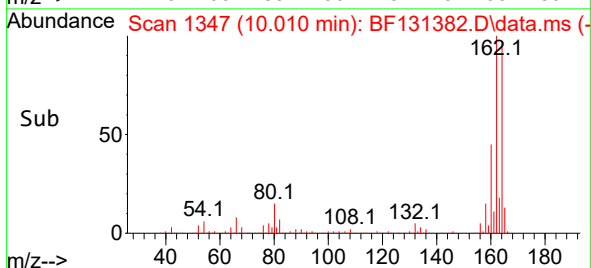
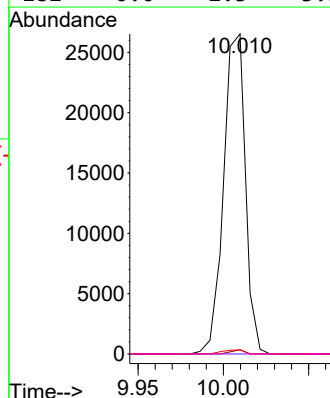
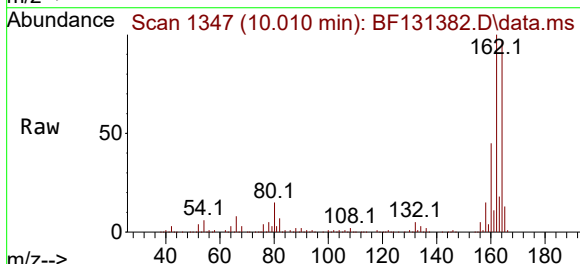
Ion Ratio Lower Upper

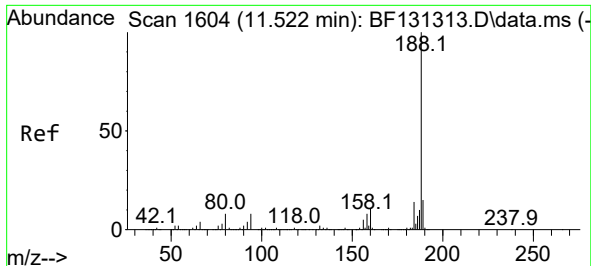
165 100

63 1.3 43.4 65.2#

89 1.3 64.0 96.0#

182 0.0 2.3 3.5#

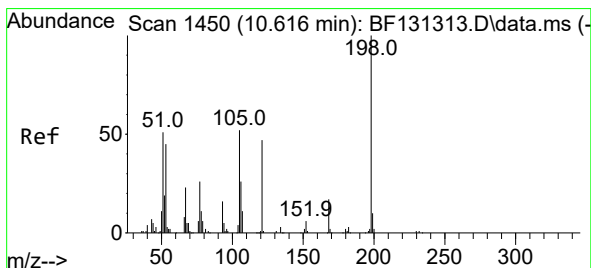
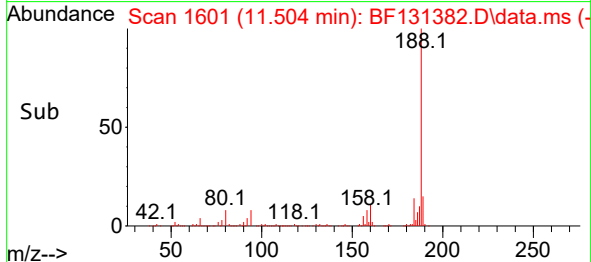
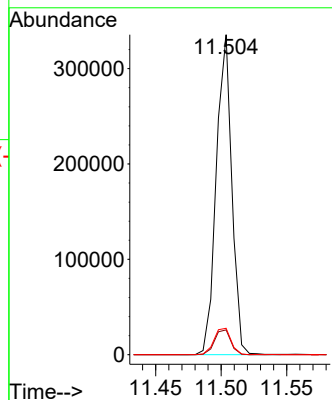
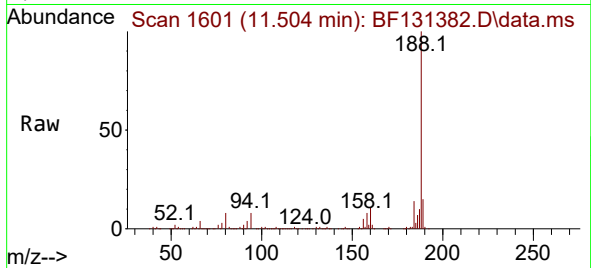




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

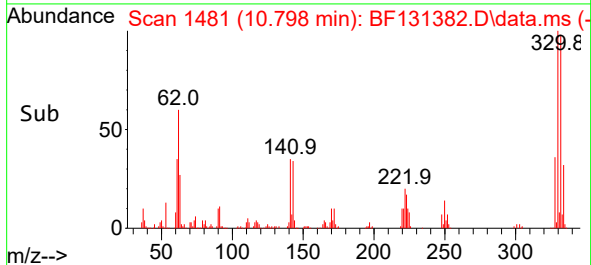
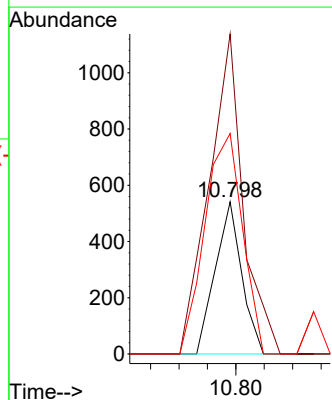
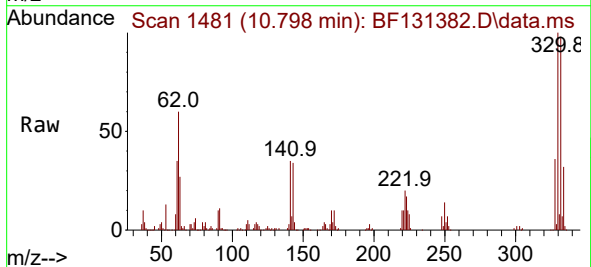
Instrument :
BNA_F
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RIGHT-SIDE-FLATS-26

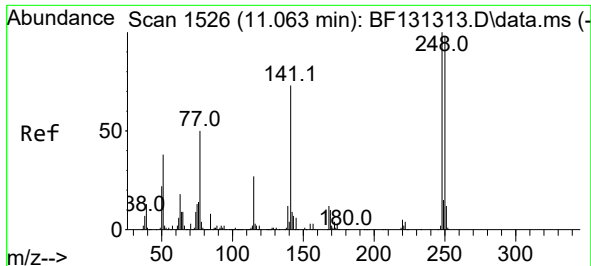
Tgt Ion:188 Resp: 276252
Ion Ratio Lower Upper
188 100
94 7.7 6.3 9.5
80 8.3 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.903 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.194 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:198 Resp: 349
Ion Ratio Lower Upper
198 100
51 210.4 50.1 90.1#
105 144.9 32.5 72.5#

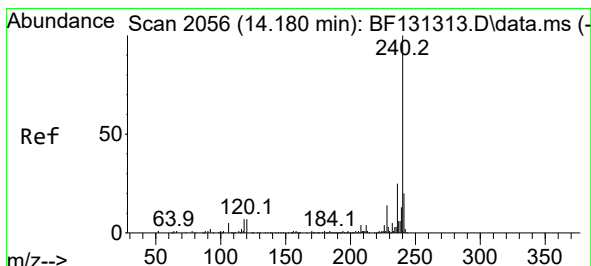
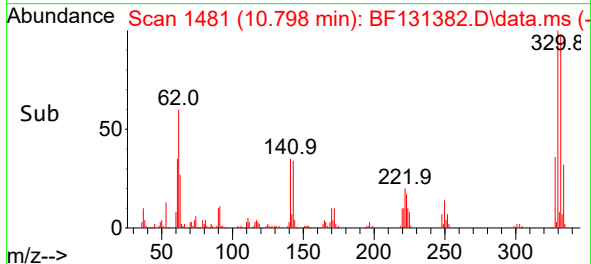
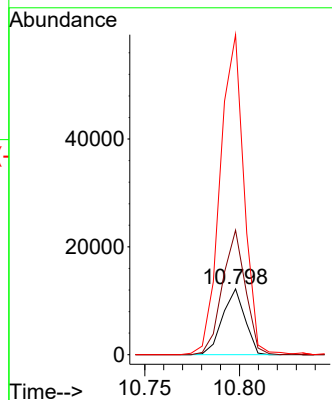
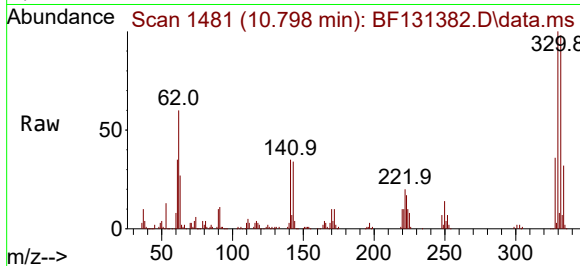




#67
4-Bromophenyl-phenylether
Concen: 2.975 ng
RT: 10.798 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

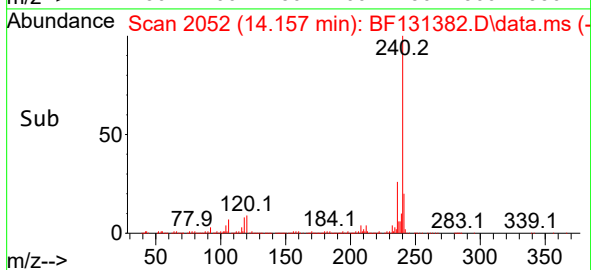
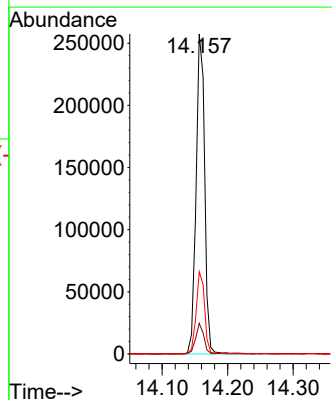
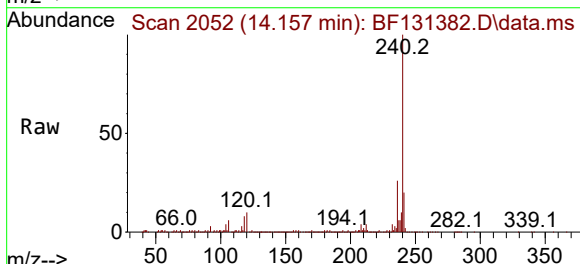
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

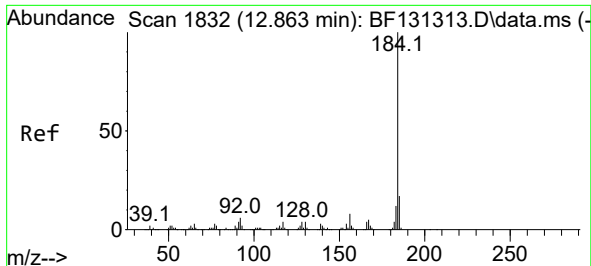
Tgt Ion:248 Resp: 10074
Ion Ratio Lower Upper
248 100
250 189.3 78.3 117.5#
141 486.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:240 Resp: 235477
Ion Ratio Lower Upper
240 100
120 9.5 5.8 8.8#
236 25.7 20.3 30.5

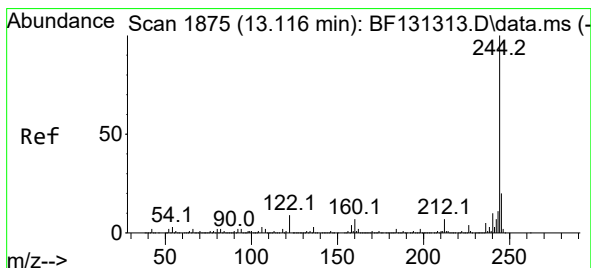
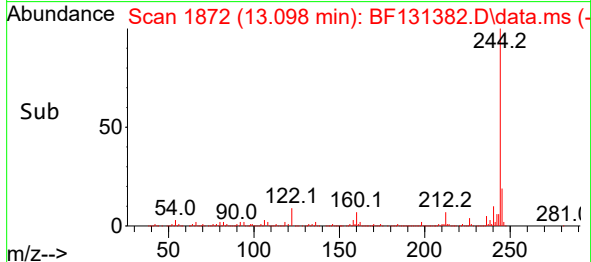
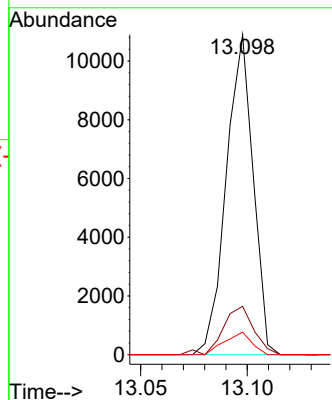
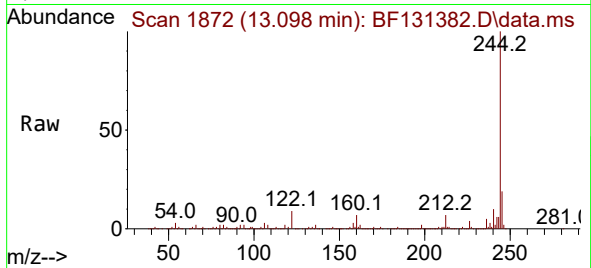




#77
Benzidine
Concen: 2.198 ng
RT: 13.098 min Scan# 1872
Delta R.T. 0.253 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

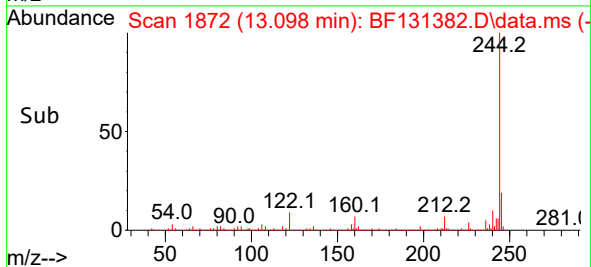
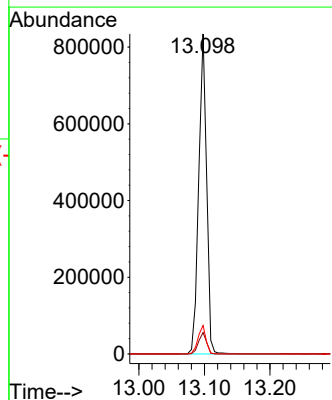
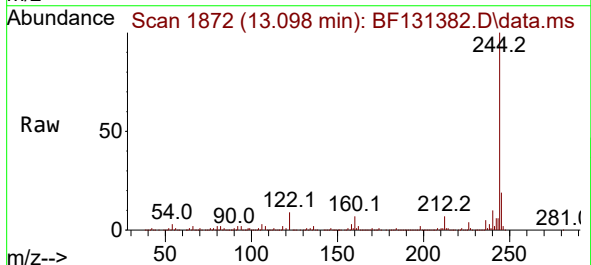
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

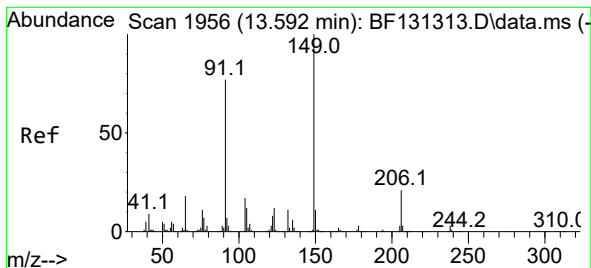
Tgt Ion:184 Resp: 9560
Ion Ratio Lower Upper
184 100
185 15.1 13.8 20.8
183 7.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 48.545 ng
RT: 13.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:244 Resp: 699044
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.9 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.220 ng

RT: 13.545 min Scan# 1956

Delta R.T. -0.030 min

Lab File: BF131382.D

Acq: 24 Nov 2022 02:28

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-26

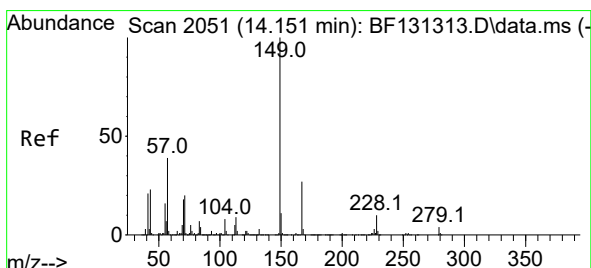
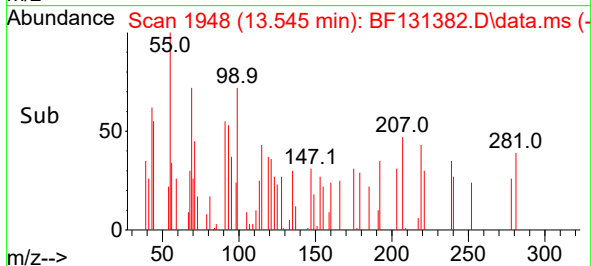
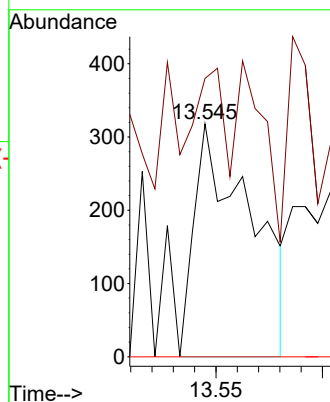
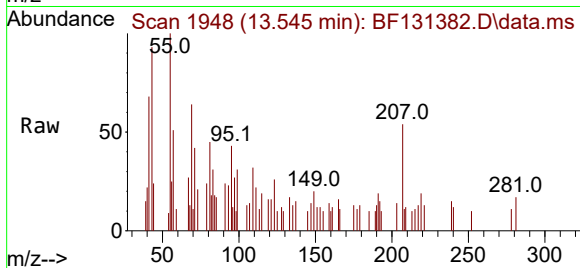
Tgt Ion:149 Resp: 588

Ion Ratio Lower Upper

149 100

91 119.5 61.9 92.9#

206 0.0 16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.907 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.000 min

Lab File: BF131382.D

Acq: 24 Nov 2022 02:28

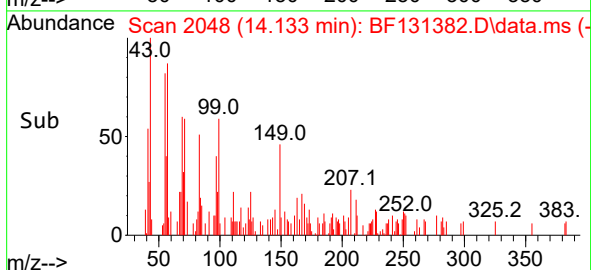
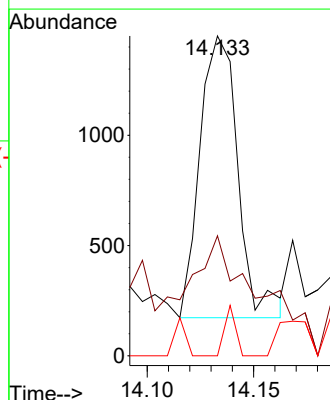
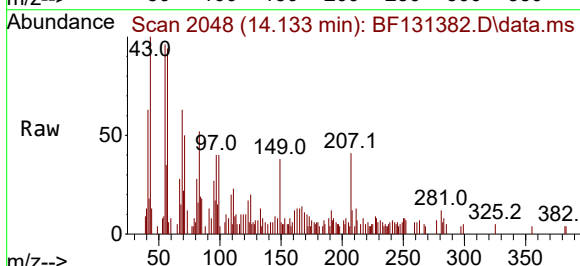
Tgt Ion:149 Resp: 1587

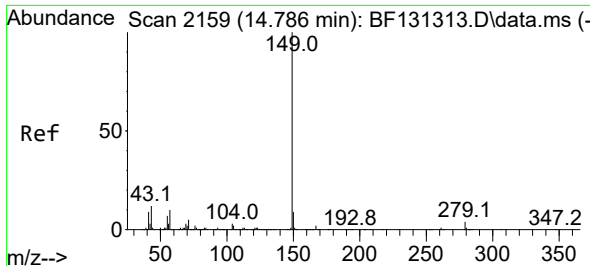
Ion Ratio Lower Upper

149 100

167 37.5 21.9 32.9#

279 0.0 3.0 4.4#

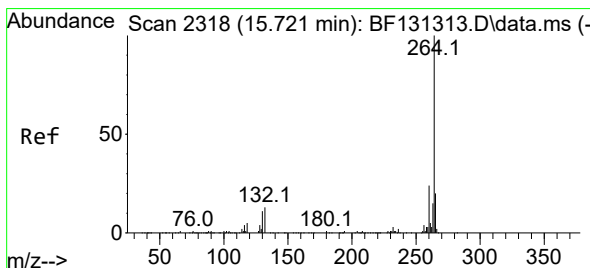
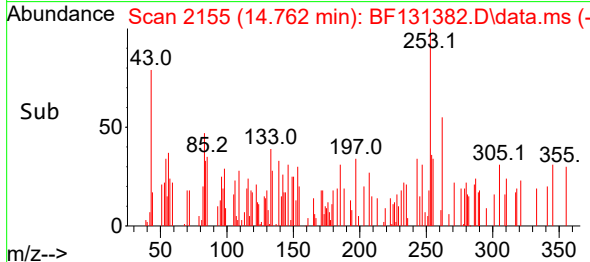
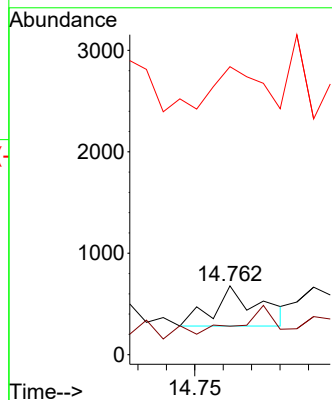
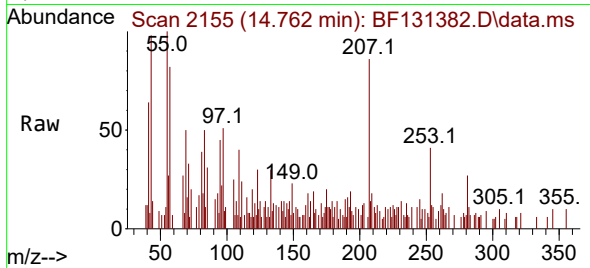




#85
Di-n-octyl phthalate
Concen: 3.940 ng
RT: 14.762 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-26

Tgt Ion:149 Resp: 442
Ion Ratio Lower Upper
149 100
167 39.4 1.2 1.8#
43 156.8 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. 0.006 min
Lab File: BF131382.D
Acq: 24 Nov 2022 02:28

Tgt Ion:264 Resp: 169457
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 23.4 16.4 24.6

