

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131766.D
 Acq On : 22 Dec 2022 02:09
 Operator : CG\JU
 Sample : N6151-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

Quant Time: Dec 22 05:54:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

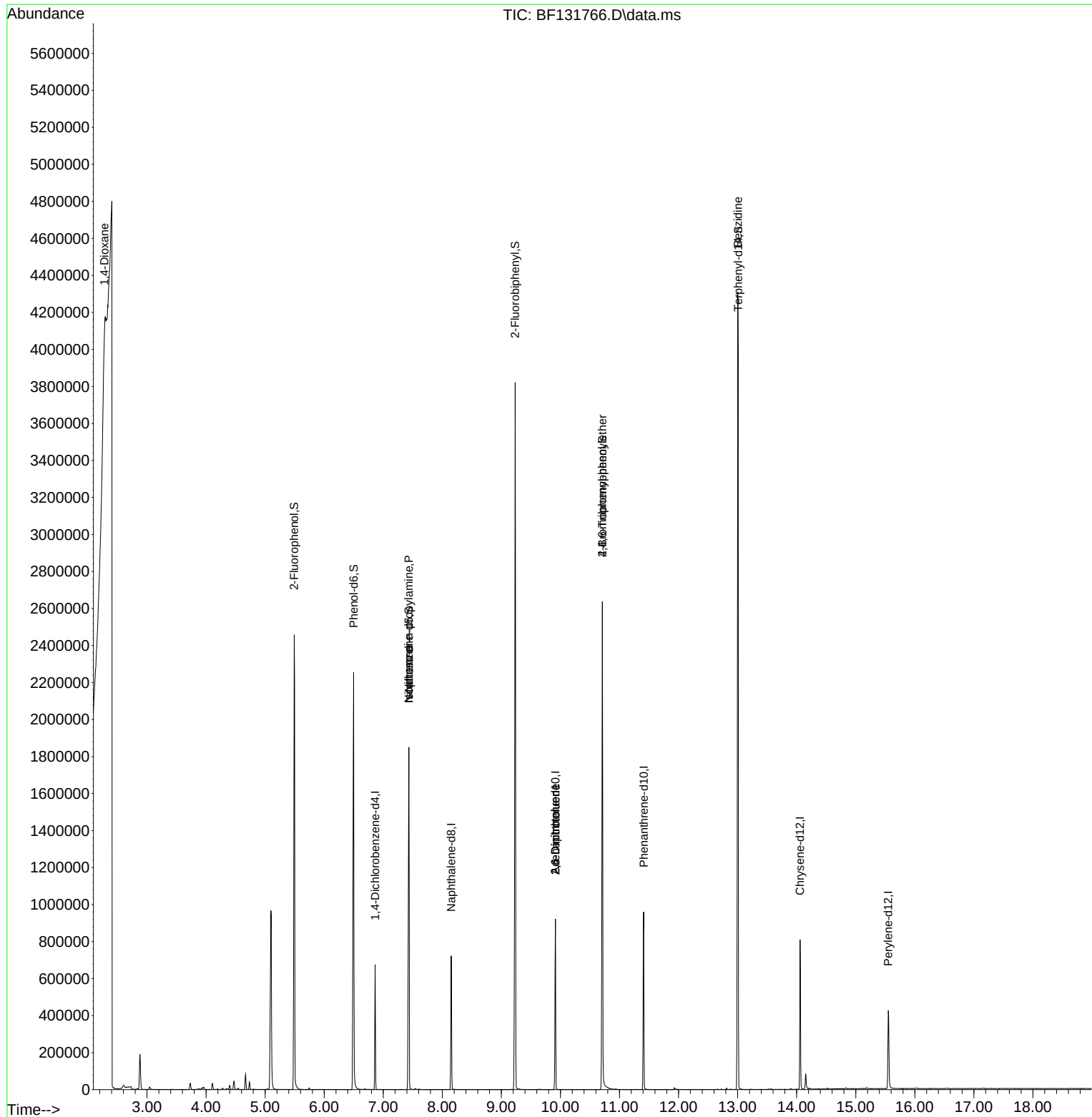
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82268	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	294278	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	173272	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352129	20.000	ng	0.00
76) Chrysene-d12	14.057	240	265831	20.000	ng	0.00
86) Perylene-d12	15.551	264	207805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	689009	141.028	ng	0.02
7) Phenol-d6	6.498	99	779089	118.477	ng	0.00
23) Nitrobenzene-d5	7.433	82	702407	96.898	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	316722	167.001	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1234364	99.793	ng	0.00
79) Terphenyl-d14	13.010	244	1692632	99.236	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.281	88	7409	3.245	ng	# 23
9) Benzaldehyde	6.498	77	1459	Below Cal		# 5
19) n-Nitroso-di-n-propyla...	7.433	70	95588	20.155	ng	# 79
25) Isophorone	7.433	82	699812	56.847	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22516	8.031	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22516	5.977	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	21433	5.154	ng	# 1
77) Benzidine	13.004	184	25794	5.292	ng	# 91

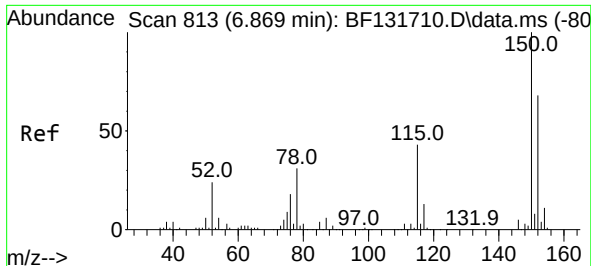
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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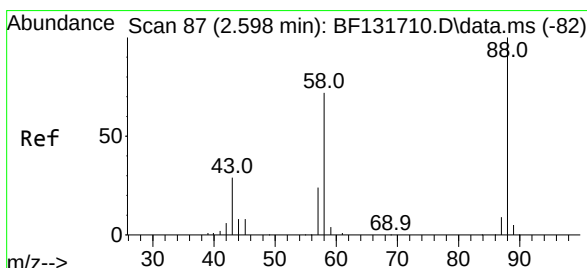
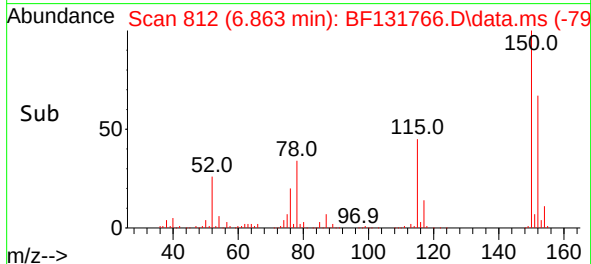
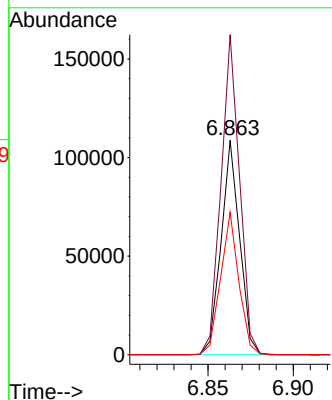
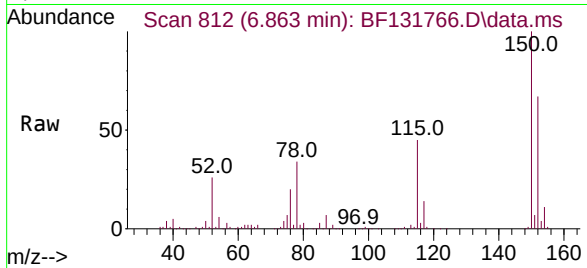




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

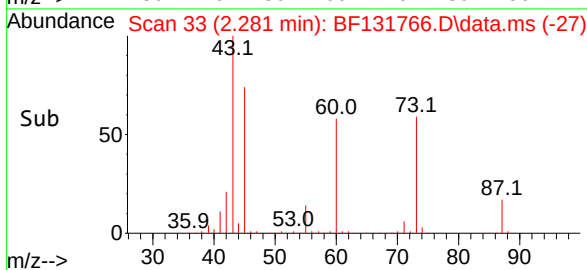
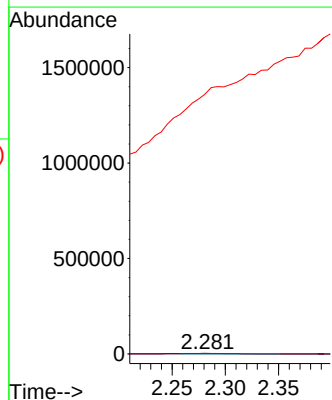
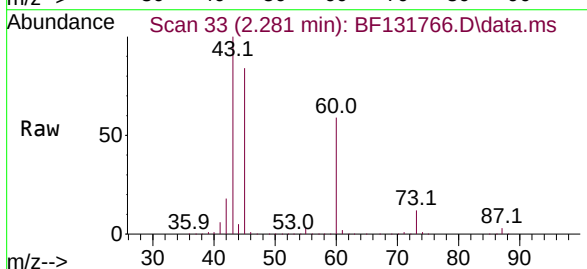
Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

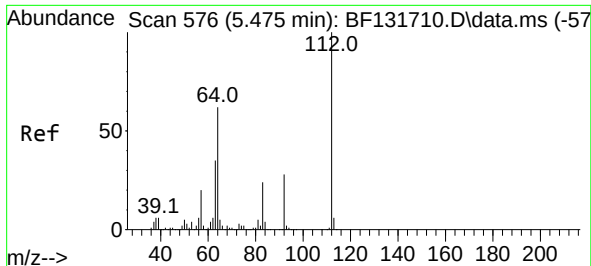
Tgt Ion:152 Resp: 82268
 Ion Ratio Lower Upper
 152 100
 150 149.3 117.4 176.0
 115 66.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 3.245 ng
 RT: 2.281 min Scan# 33
 Delta R.T. -0.318 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

Tgt Ion: 88 Resp: 7409
 Ion Ratio Lower Upper
 88 100
 58 0.0 57.5 86.3#
 43 0.0 23.3 34.9#

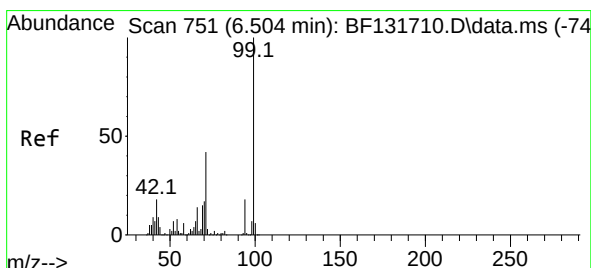
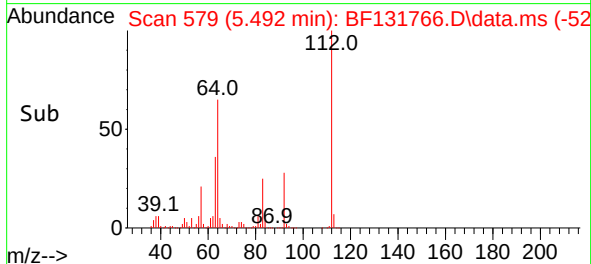
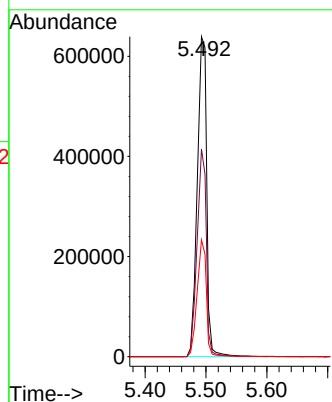
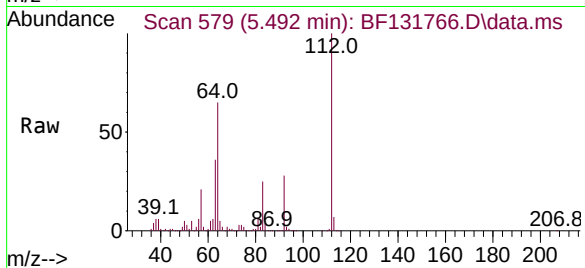




#5
 2-Fluorophenol
 Concen: 141.028 ng
 RT: 5.492 min Scan# 51
 Delta R.T. 0.018 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

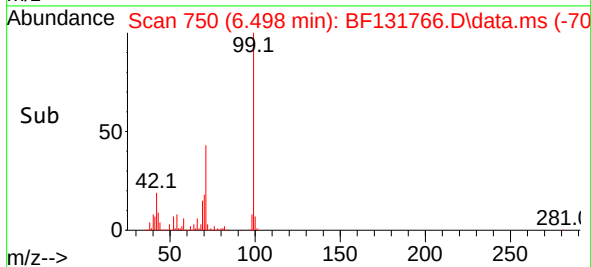
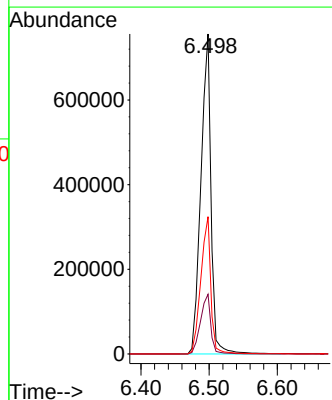
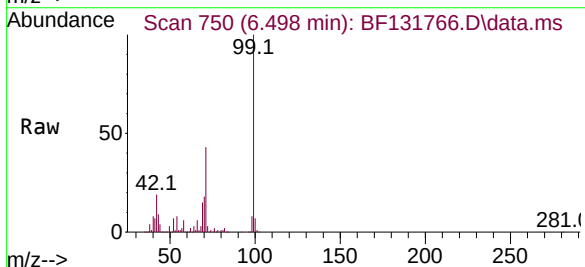
Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

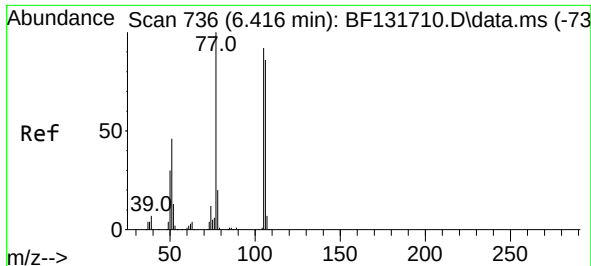
Tgt Ion:112 Resp: 689009
 Ion Ratio Lower Upper
 112 100
 64 64.9 49.5 74.3
 63 36.5 28.2 42.2



#7
 Phenol-d6
 Concen: 118.477 ng
 RT: 6.498 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

Tgt Ion: 99 Resp: 779089
 Ion Ratio Lower Upper
 99 100
 42 18.7 14.8 22.2
 71 42.9 33.8 50.6

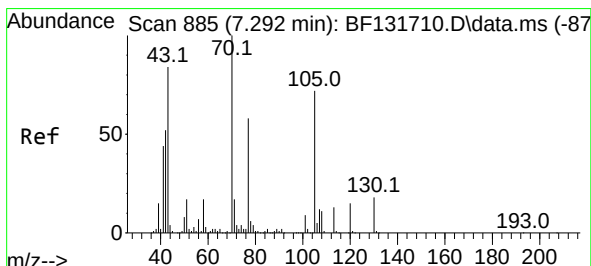
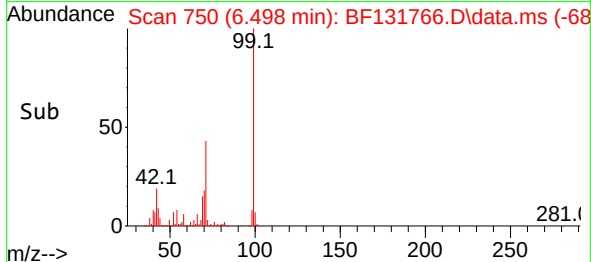
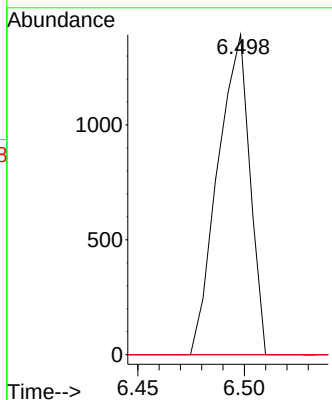
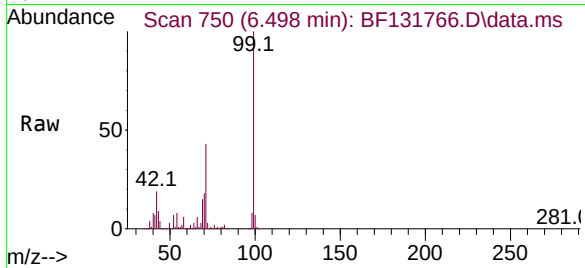




#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

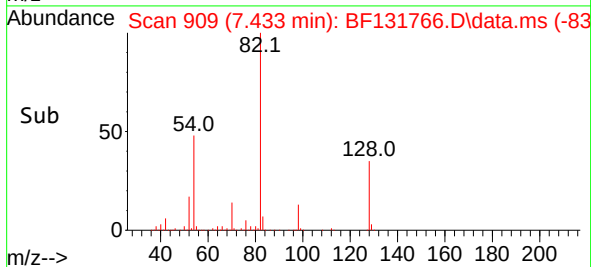
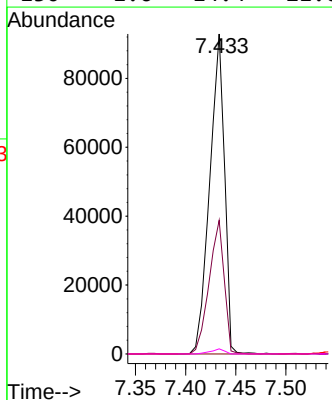
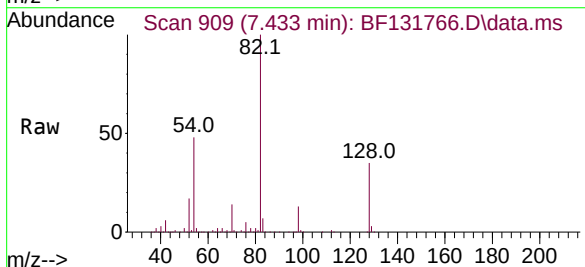
Instrument :
BNA_F
ClientSampleId :
FS-02-(0-2)

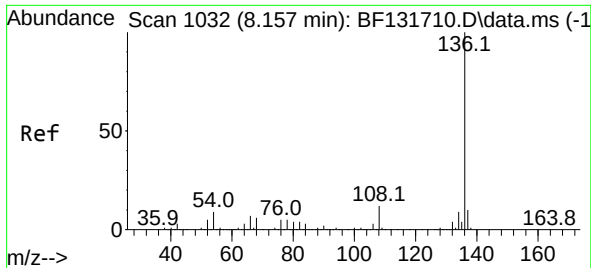
Tgt Ion: 77 Resp: 1459
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



#19
n-Nitroso-di-n-propylamine
Concen: 20.155 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion: 70 Resp: 95588
Ion Ratio Lower Upper
70 100
42 41.8 41.5 62.3
101 0.0 7.3 10.9#
130 1.6 14.4 21.6#



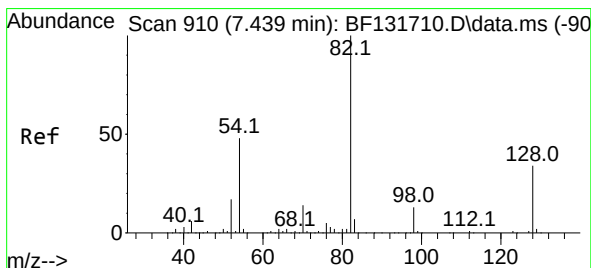
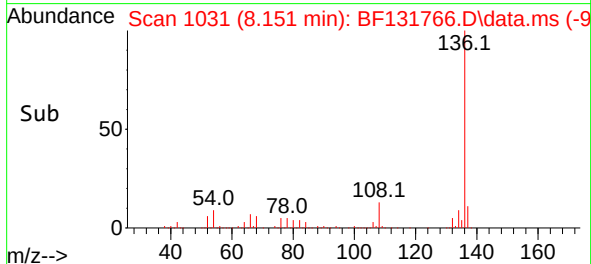
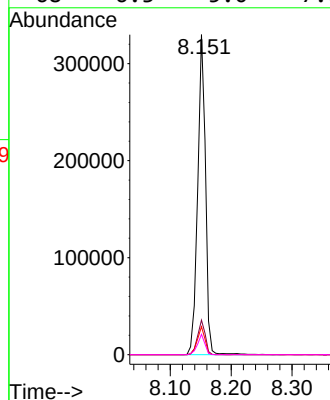
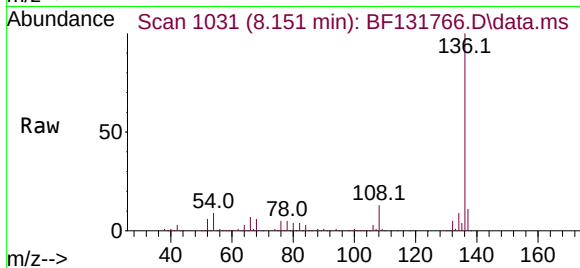


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Instrument :
BNA_F
ClientSampleId :
FS-02-(0-2)

Tgt Ion:136 Resp: 294278

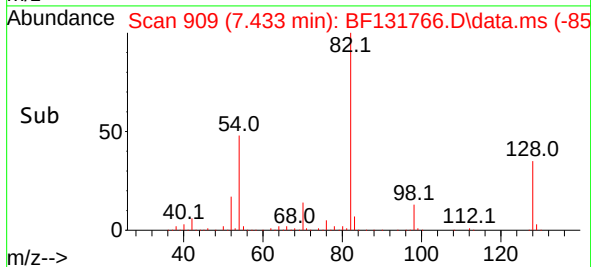
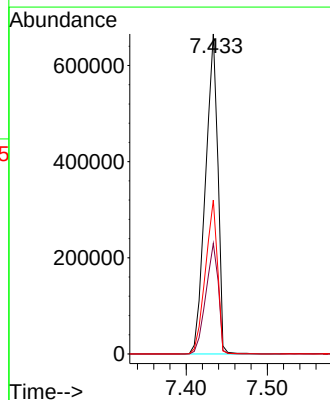
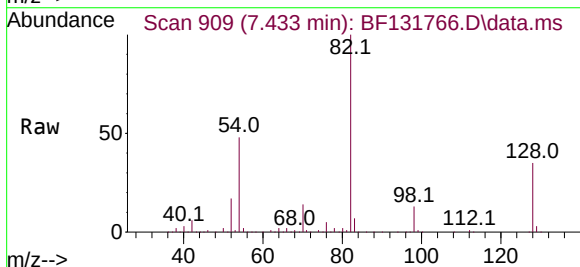
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.8	7.2	10.8
68	6.3	5.0	7.6

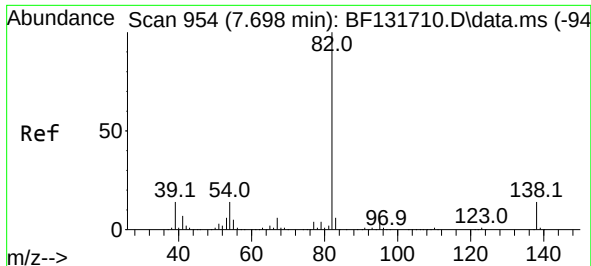


#23
Nitrobenzene-d5
Concen: 96.898 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion: 82 Resp: 702407

Ion	Ratio	Lower	Upper
82	100		
128	34.6	27.3	40.9
54	48.1	38.2	57.2

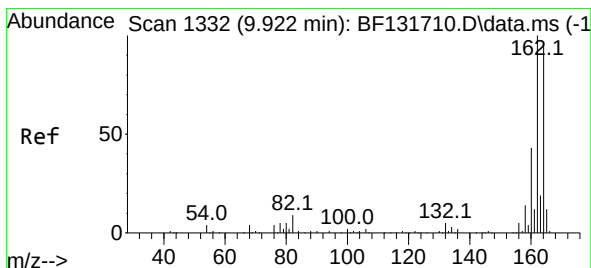
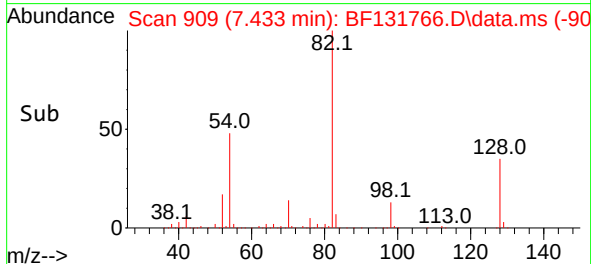
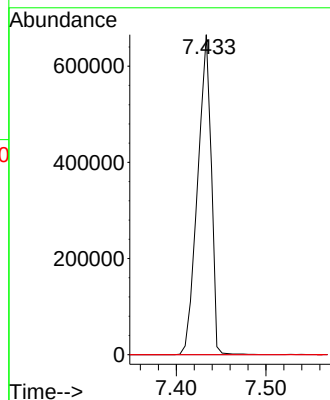
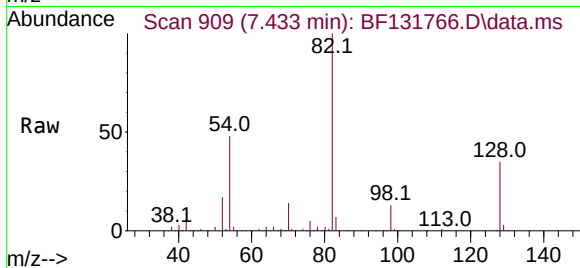




#25
Isophorone
Concen: 56.847 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

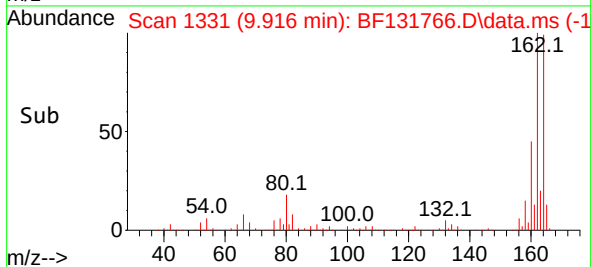
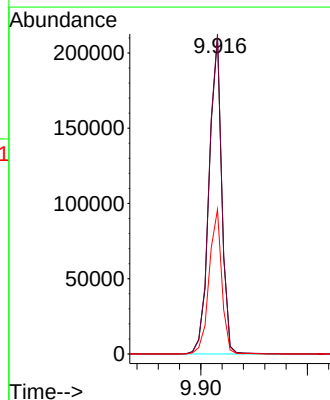
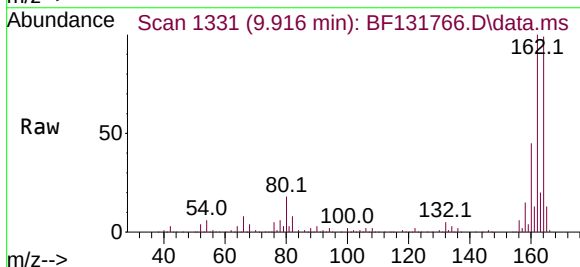
Instrument :
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ClientSampleId :
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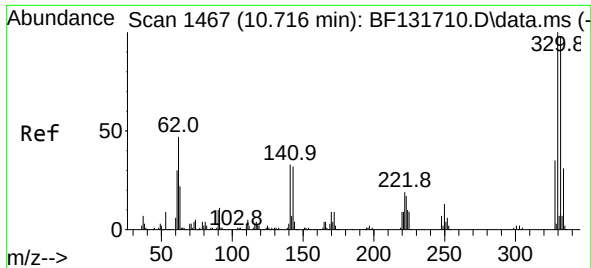
Tgt Ion: 82 Resp: 699812
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion: 164 Resp: 173272
Ion Ratio Lower Upper
164 100
162 101.0 83.7 125.5
160 45.6 36.2 54.4

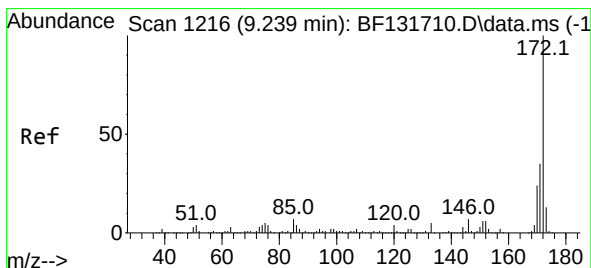
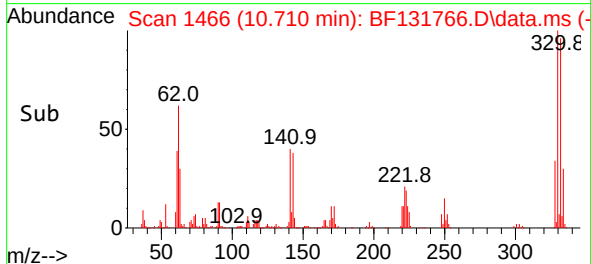
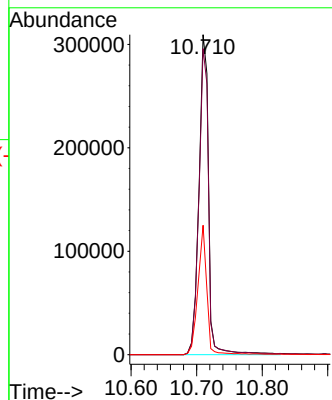
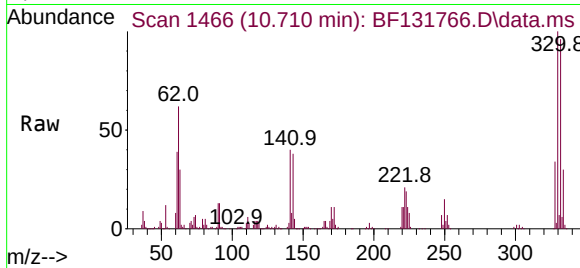




#42
2,4,6-Tribromophenol
Concen: 167.001 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

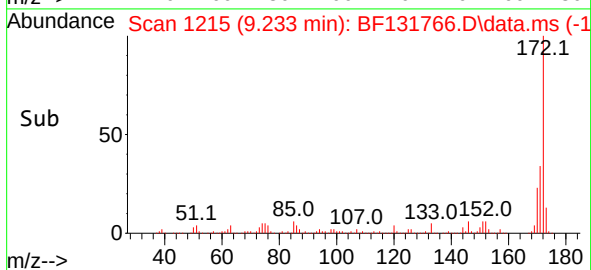
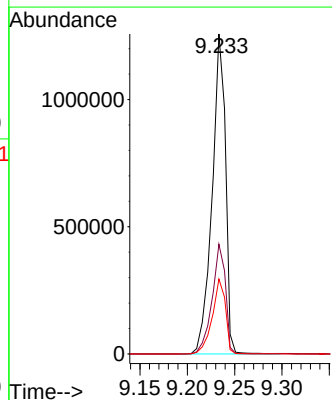
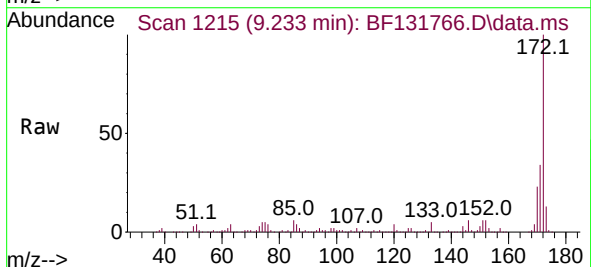
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FS-02-(0-2)

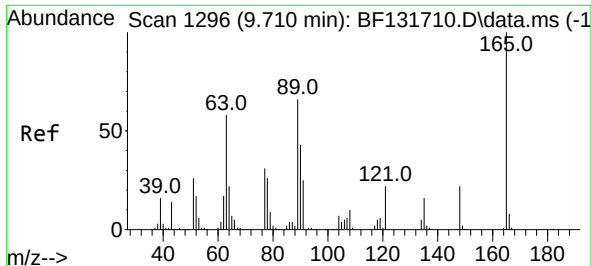
Tgt Ion: 330 Resp: 316722
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 37.5 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 99.793 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131766.D
Acq: 22 Dec 2022 02:09

Tgt Ion: 172 Resp: 1234364
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.4 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.031 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Instrument :

BNA_F

ClientSampleId :

FS-02-(0-2)

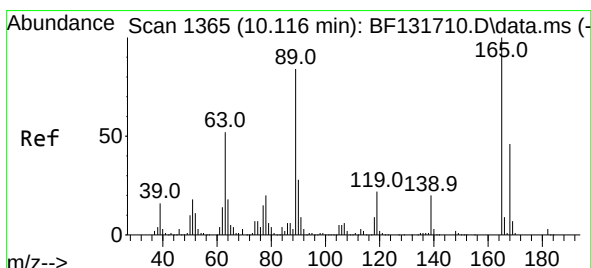
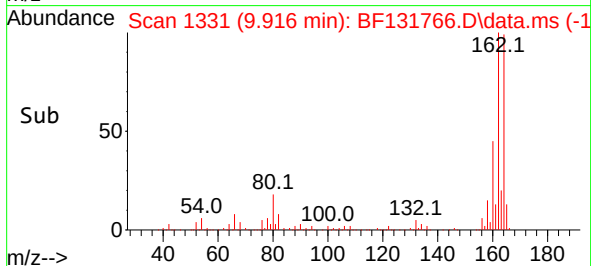
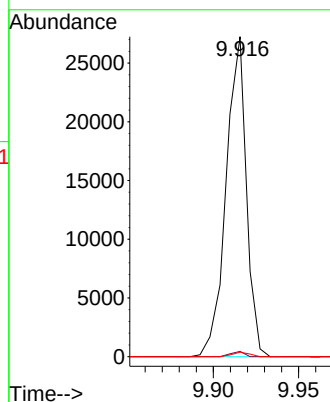
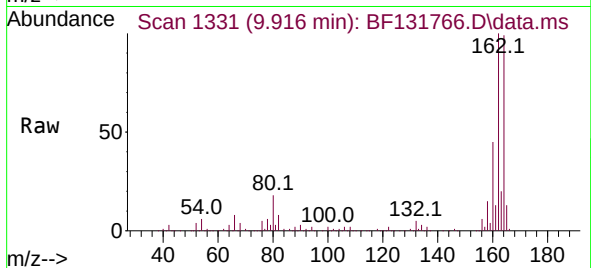
Tgt Ion:165 Resp: 22516

Ion Ratio Lower Upper

165 100

63 1.6 51.8 77.8#

89 1.4 53.2 79.8#



#57

2,4-Dinitrotoluene

Concen: 5.977 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.200 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Tgt Ion:165 Resp: 22516

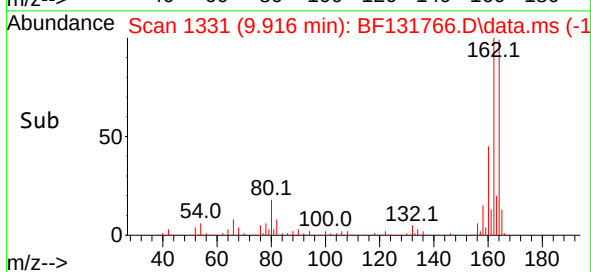
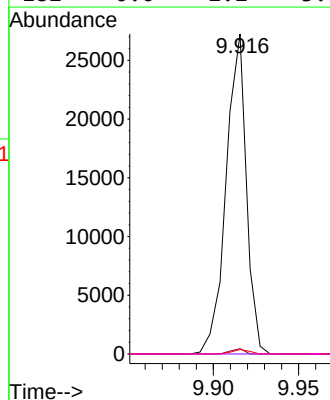
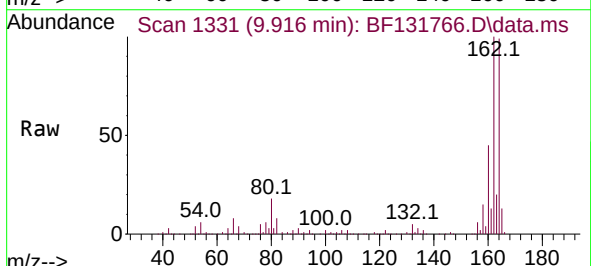
Ion Ratio Lower Upper

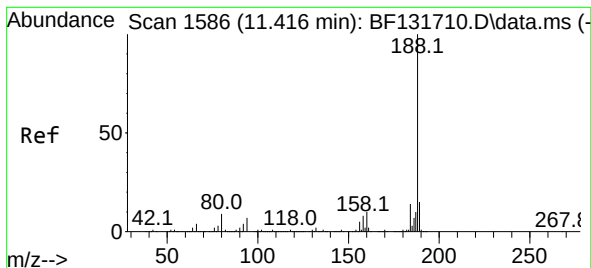
165 100

63 1.6 41.5 62.3#

89 1.4 67.0 100.4#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Instrument :

BNA_F

ClientSampleId :

FS-02-(0-2)

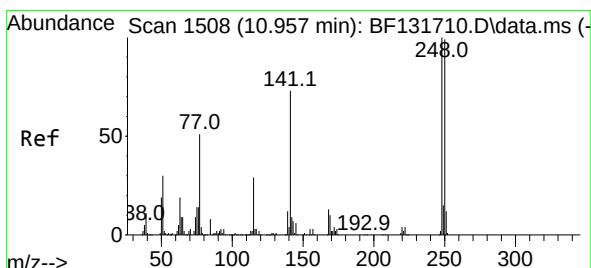
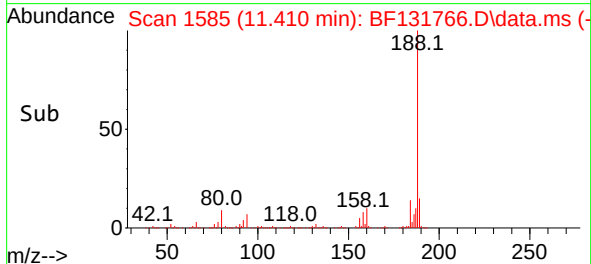
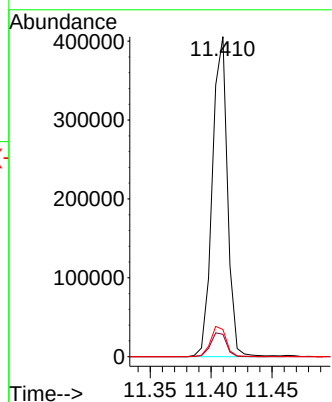
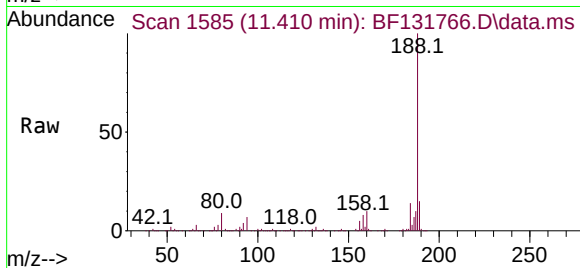
Tgt Ion:188 Resp: 352129

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.5 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 5.154 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.247 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

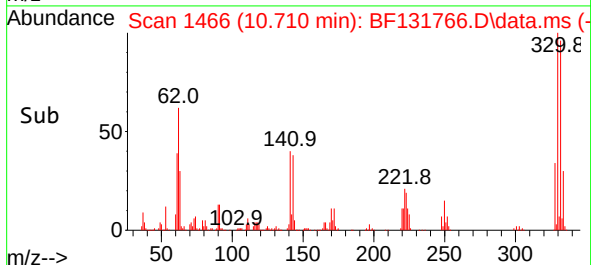
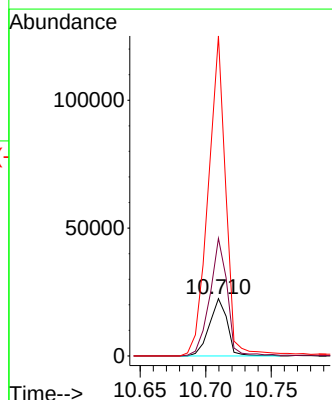
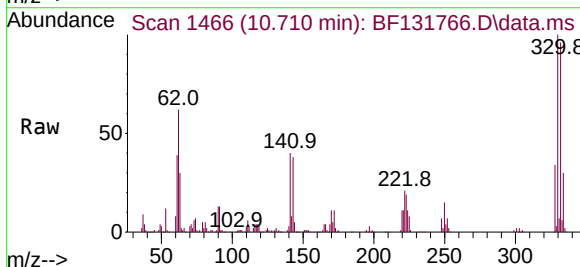
Tgt Ion:248 Resp: 21433

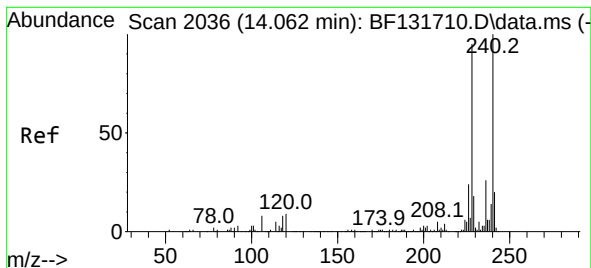
Ion Ratio Lower Upper

248 100

250 205.1 79.4 119.0#

141 558.4 58.1 87.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

Instrument :

BNA_F

ClientSampleId :

FS-02-(0-2)

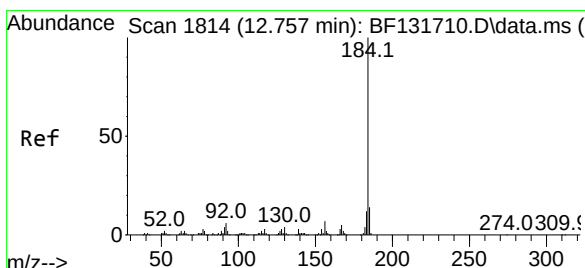
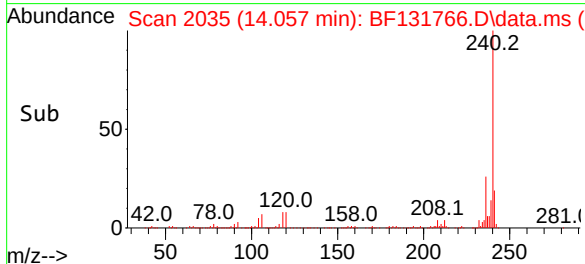
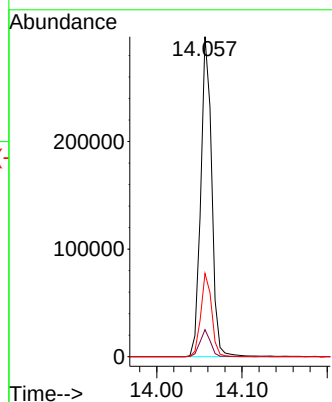
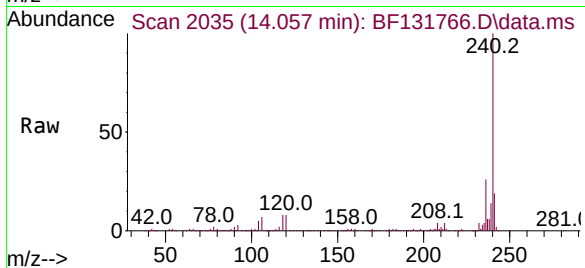
Tgt Ion:240 Resp: 265831

Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

236 26.0 21.2 31.8



#77

Benzidine

Concen: 5.292 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131766.D

Acq: 22 Dec 2022 02:09

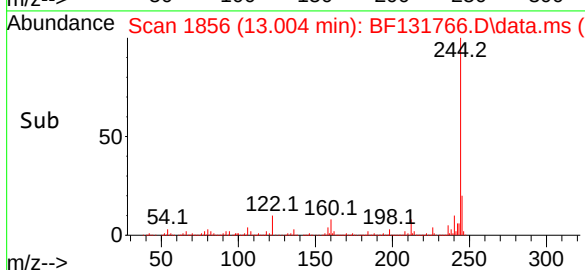
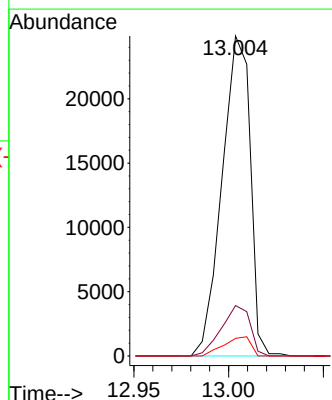
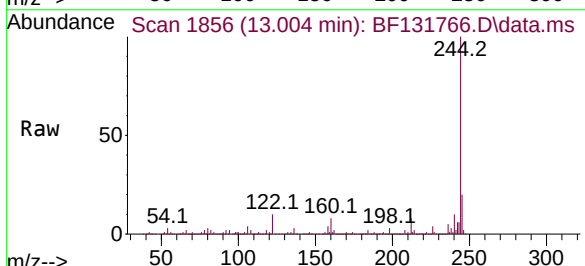
Tgt Ion:184 Resp: 25794

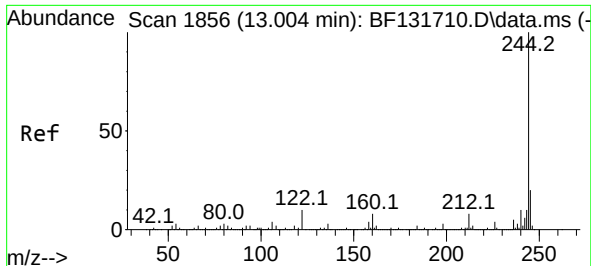
Ion Ratio Lower Upper

184 100

185 15.7 11.3 16.9

183 5.5 9.3 13.9#

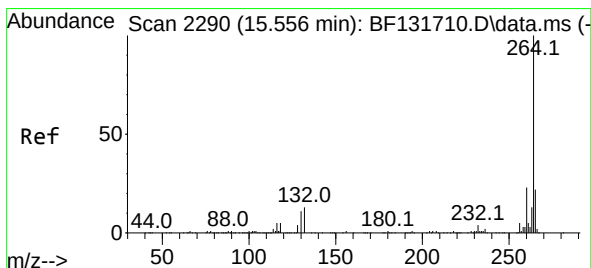
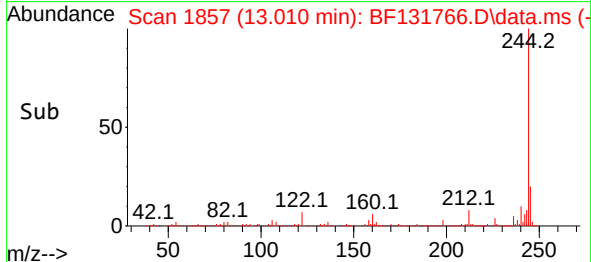
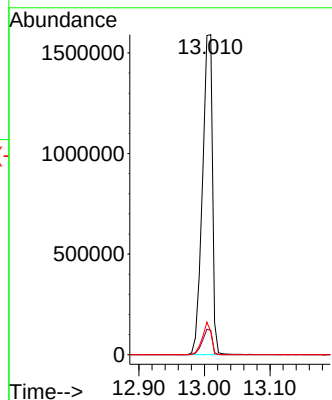
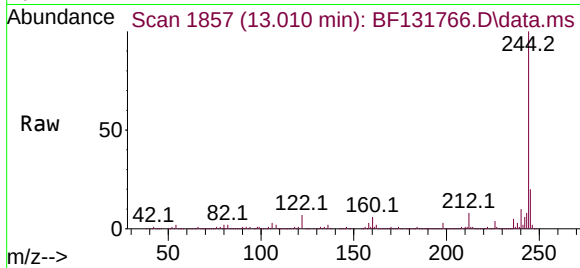




#79
 Terphenyl-d14
 Concen: 99.236 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

Instrument :
 BNA_F
 ClientSampleId :
 FS-02-(0-2)

Tgt Ion:244 Resp: 1692632
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.3 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF131766.D
 Acq: 22 Dec 2022 02:09

Tgt Ion:264 Resp: 207805
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.3 17.4 26.2

