

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131408.D
 Acq On : 25 Nov 2022 21:54
 Operator : CG\JU
 Sample : N5747-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:13:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

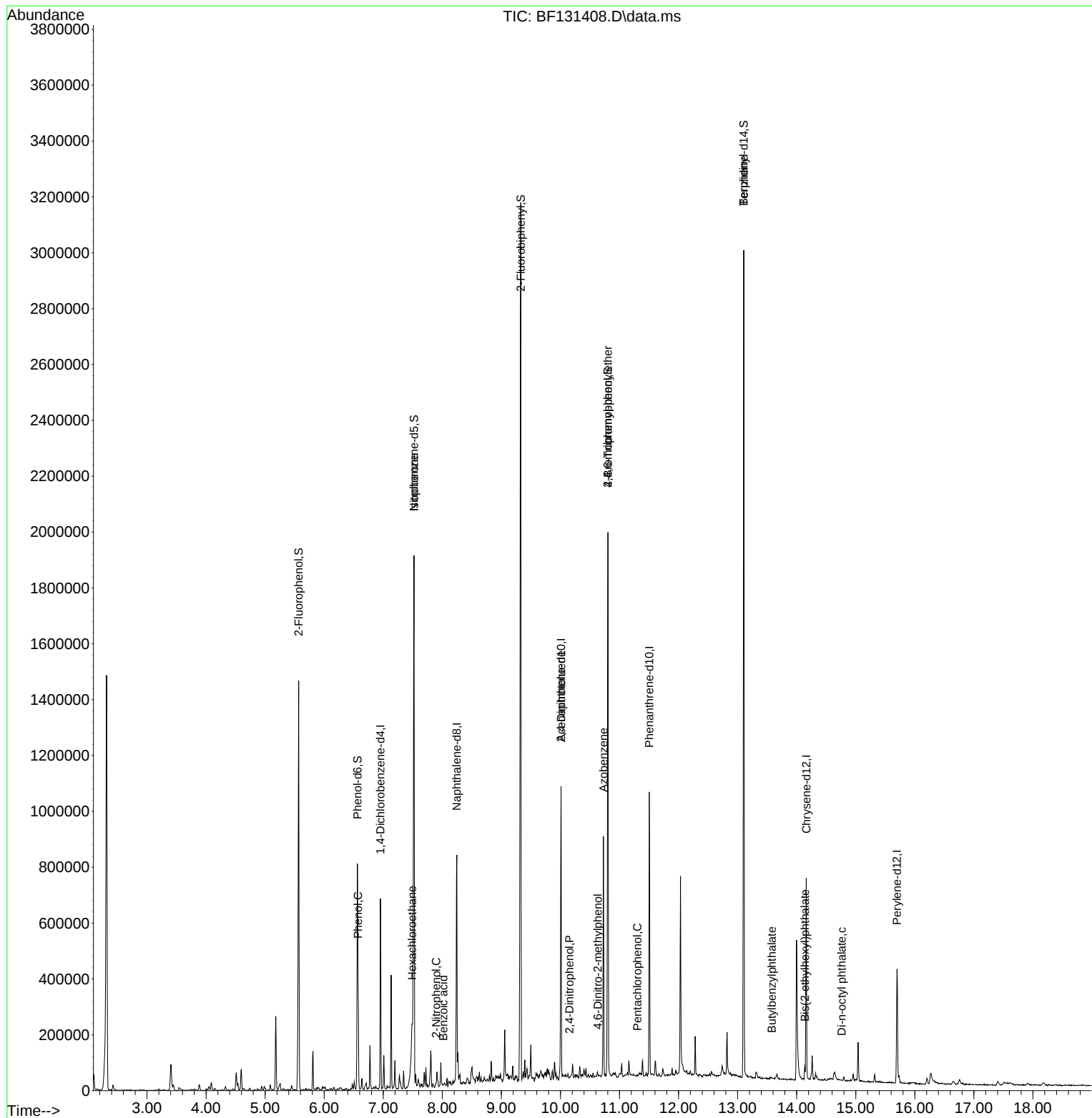
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	95999	20.000	ng	-0.01
21) Naphthalene-d8	8.245	136	357732	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	203775	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	359571	20.000	ng	-0.01
76) Chrysene-d12	14.162	240	233725	20.000	ng	-0.01
86) Perylene-d12	15.698	264	191858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	289341	57.363	ng	0.00
7) Phenol-d6	6.563	99	227069	35.283	ng	-0.02
23) Nitrobenzene-d5	7.522	82	546145	76.958	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	217992	127.155	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1002179	71.549	ng	0.00
79) Terphenyl-d14	13.104	244	1028033	71.927	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	982	Below Cal		Qvalue # 1
10) Phenol	6.575	94	70401	9.866	ng	97
18) Hexachloroethane	7.486	117	8528	3.445	ng	# 7
25) Isophorone	7.522	82	541632	42.779	ng	# 68
26) 2-Nitrophenol	7.898	139	59	3.609	ng	# 1
32) Benzoic acid	8.016	122	300	5.242	ng	# 71
54) 2,4-Dinitrophenol	10.151	184	85	4.984	ng	# 48
57) 2,4-Dinitrotoluene	10.010	165	26586	7.442	ng	# 19
63) Azobenzene	10.727	77	138469	9.606	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.633	198	167	4.694	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	14014	3.180	ng	# 1
70) Pentachlorophenol	11.304	266	77	4.905	ng	# 19
77) Benzidine	13.104	184	14117	3.270	ng	# 93
80) Butylbenzylphthalate	13.580	149	314	4.185	ng	# 23
84) Bis(2-ethylhexyl)phtha...	14.139	149	11067	4.857	ng	# 94
85) Di-n-octyl phthalate	14.762	149	1644	4.045	ng	# 69

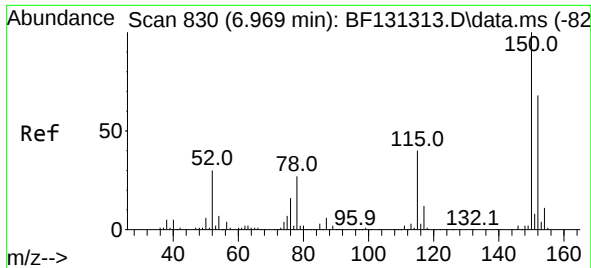
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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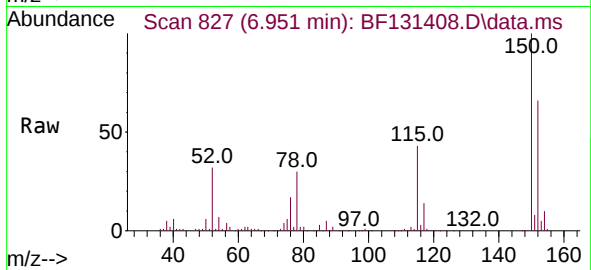
Quant Time: Nov 26 00:13:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
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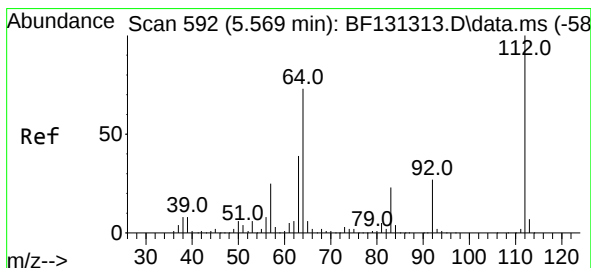
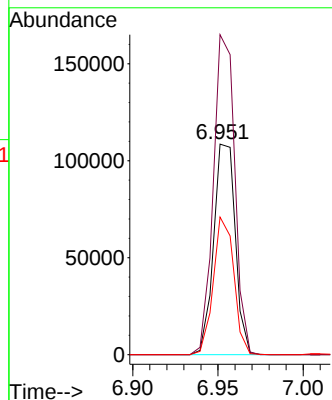
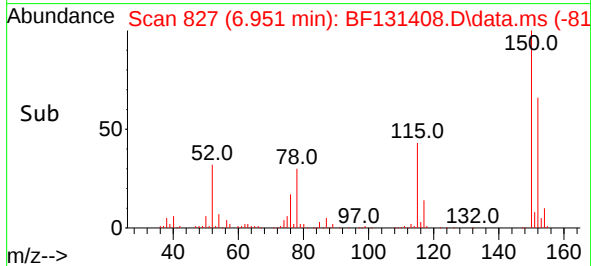


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54

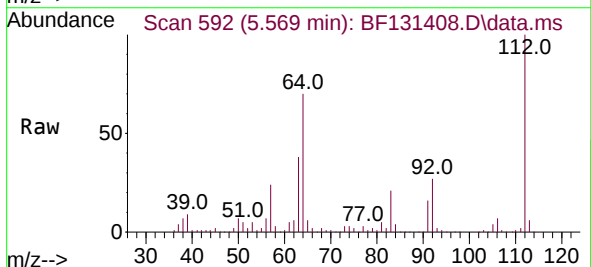
Instrument :
 BNA_F
 ClientSampleId :



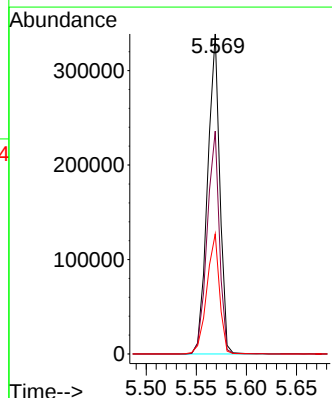
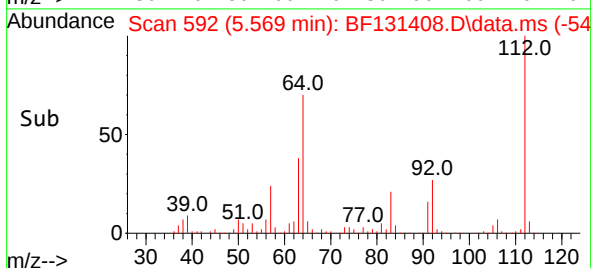
Tgt Ion:152 Resp: 95999
 Ion Ratio Lower Upper
 152 100
 150 152.0 117.8 176.8
 115 65.3 47.1 70.7

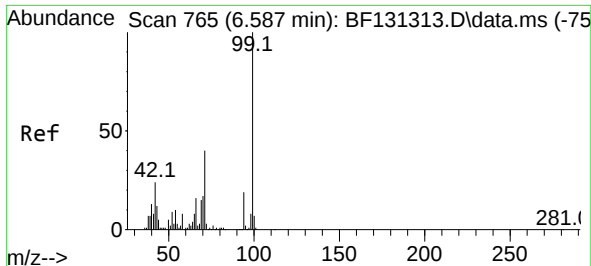


#5
 2-Fluorophenol
 Concen: 57.363 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.006 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54



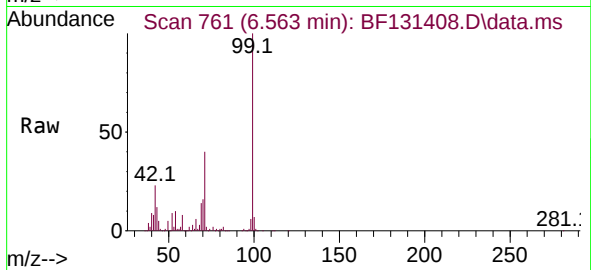
Tgt Ion:112 Resp: 289341
 Ion Ratio Lower Upper
 112 100
 64 69.7 58.6 88.0
 63 37.5 31.4 47.0



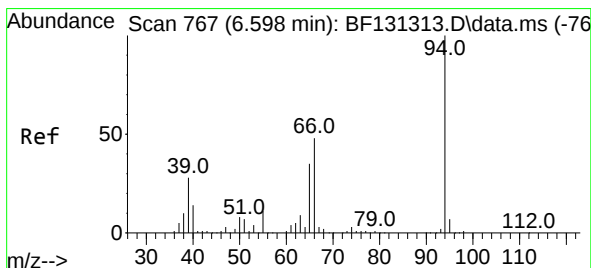
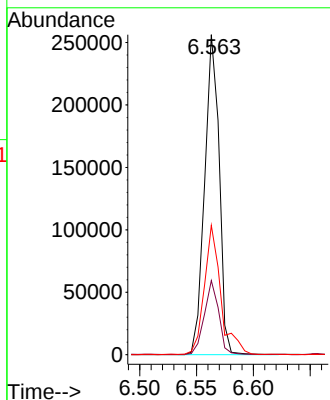
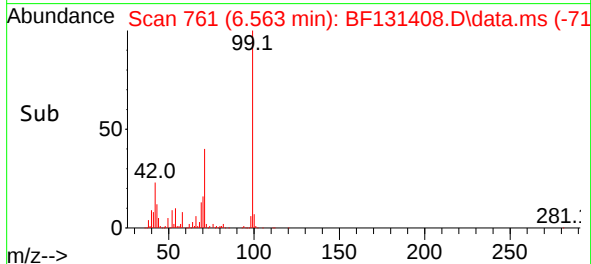


#7
Phenol-d6
Concen: 35.283 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

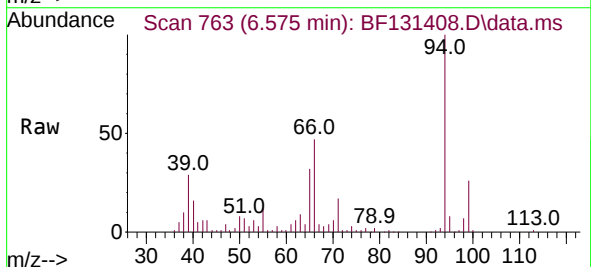
Instrument :
BNA_F
ClientSampleId :



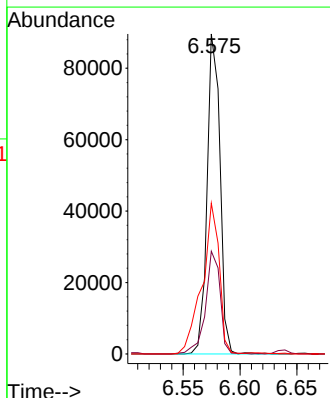
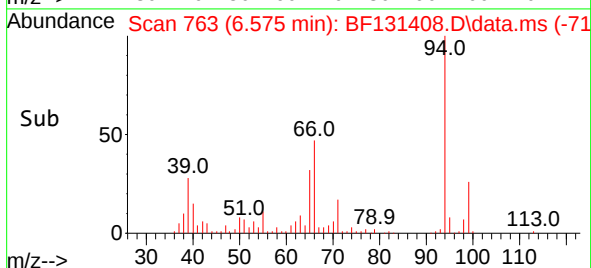
Tgt Ion: 99 Resp: 227069
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 40.4 32.3 48.5

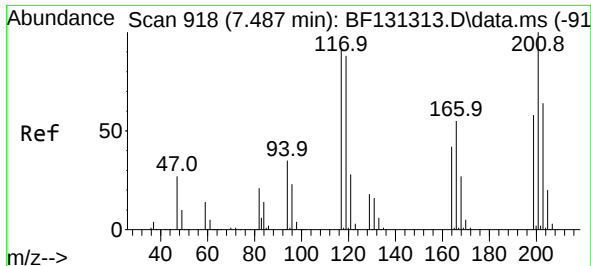


#10
Phenol
Concen: 9.866 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.018 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54



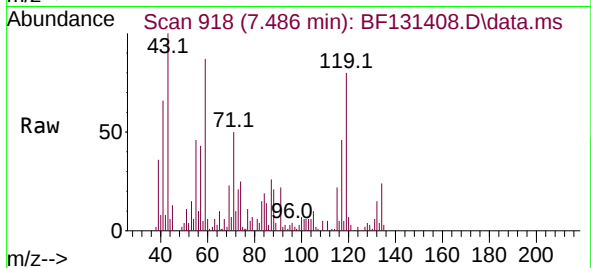
Tgt Ion: 94 Resp: 70401
Ion Ratio Lower Upper
94 100
65 32.1 15.0 55.0
66 47.1 28.6 68.6



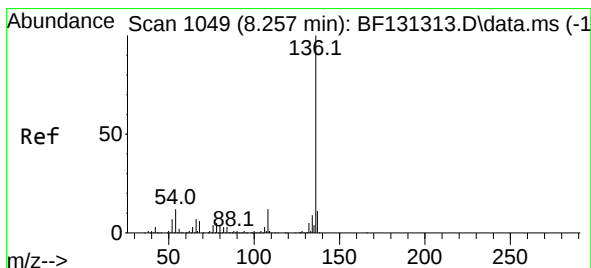
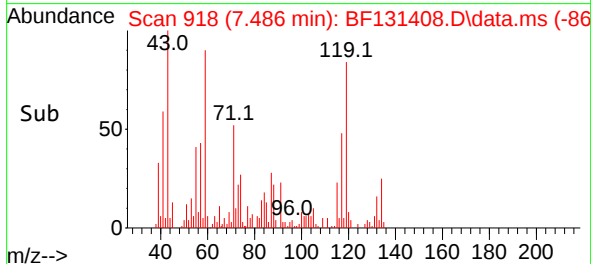
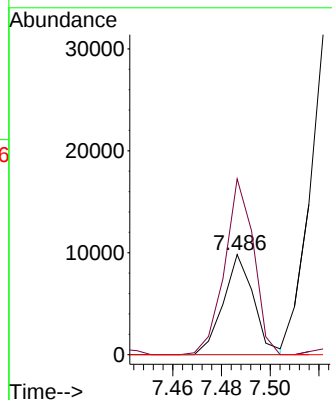


#18
Hexachloroethane
Concen: 3.445 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

Instrument :
BNA_F
ClientSampleId :

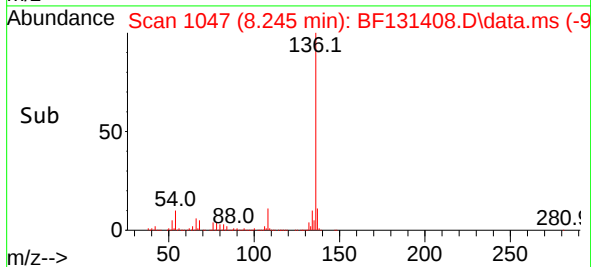
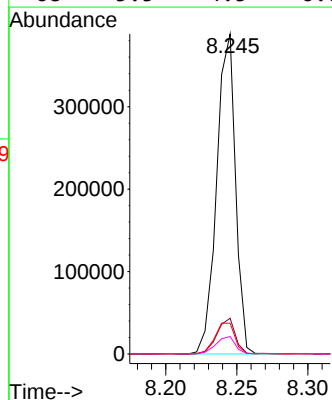
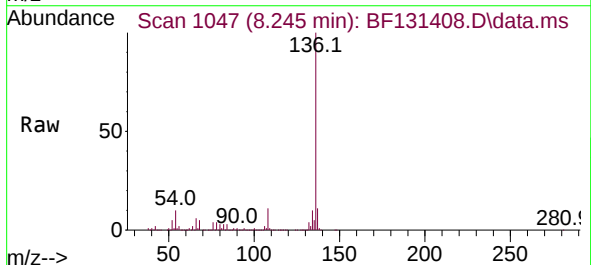


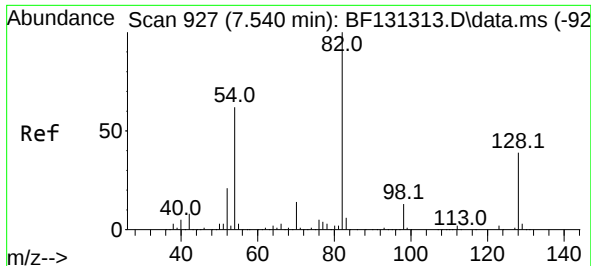
Tgt Ion:117 Resp: 8528
Ion Ratio Lower Upper
117 100
119 175.6 76.6 115.0#
201 0.0 87.0 130.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

Tgt Ion:136 Resp: 357732
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.6 9.4 14.0
68 5.5 4.5 6.7

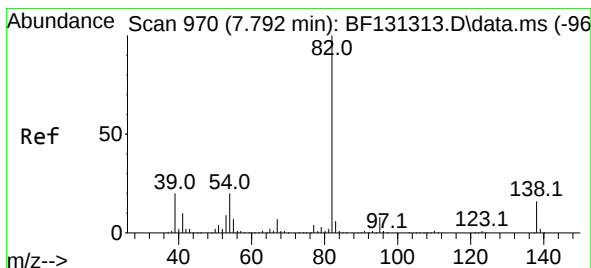
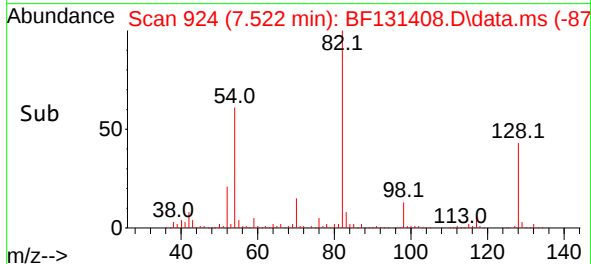
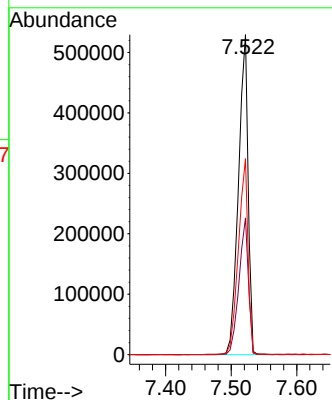
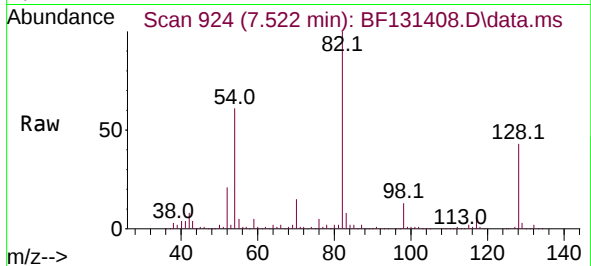




#23
Nitrobenzene-d5
Concen: 76.958 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

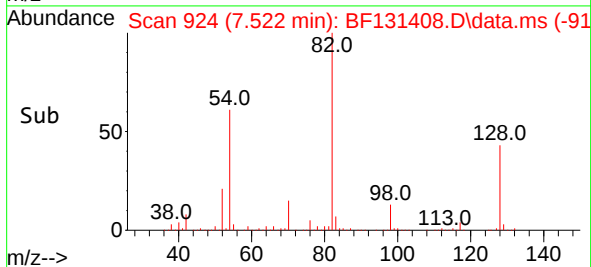
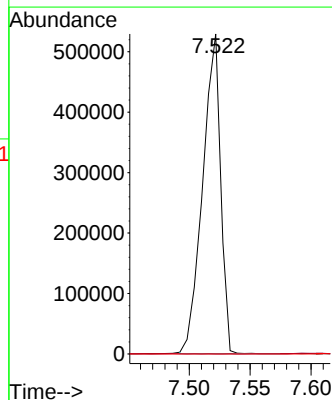
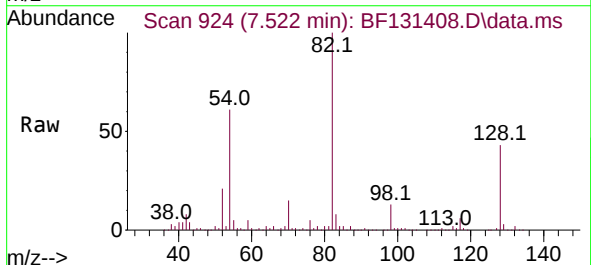
Instrument :
BNA_F
ClientSampleId :

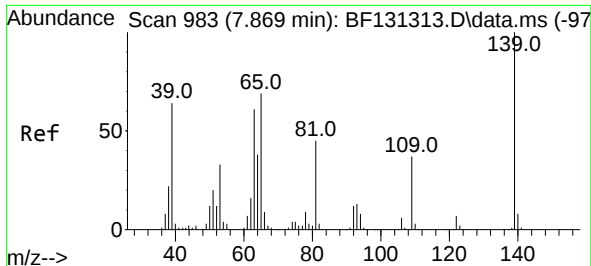
Tgt Ion: 82 Resp: 546145
Ion Ratio Lower Upper
82 100
128 42.7 31.4 47.0
54 61.2 49.8 74.6



#25
Isophorone
Concen: 42.779 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

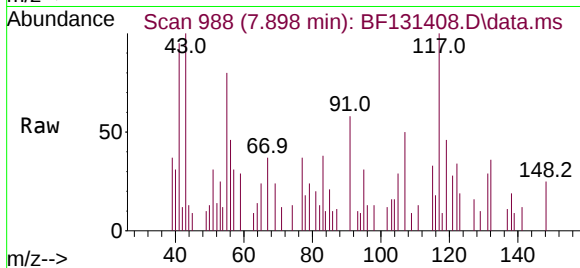
Tgt Ion: 82 Resp: 541632
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



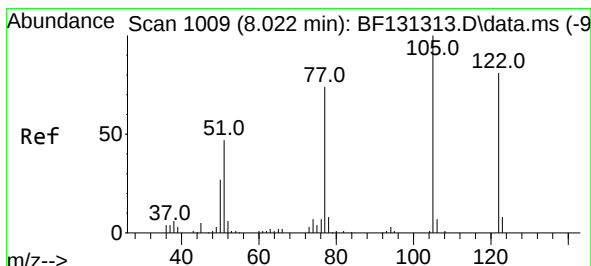
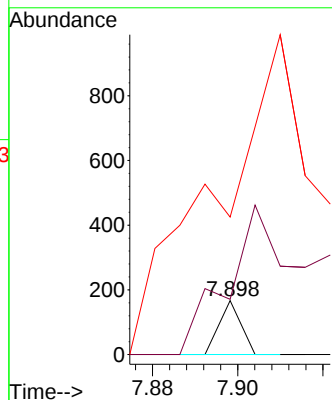
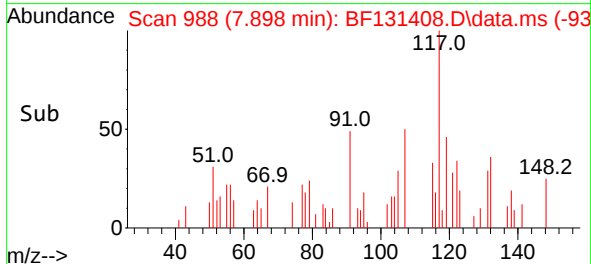


#26
2-Nitrophenol
Concen: 3.609 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

Instrument :
BNA_F
ClientSampleId :

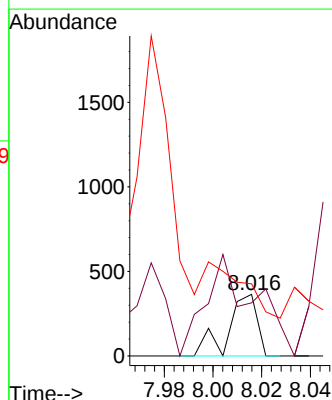
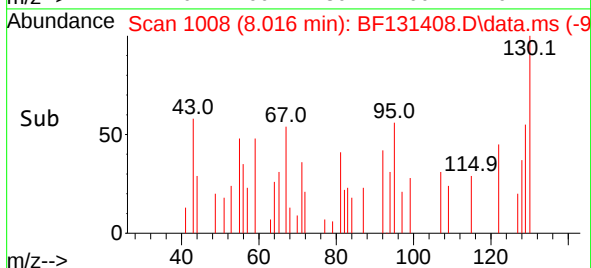
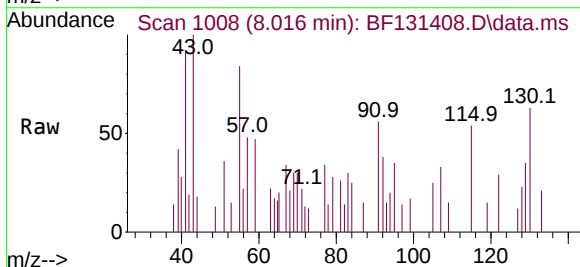


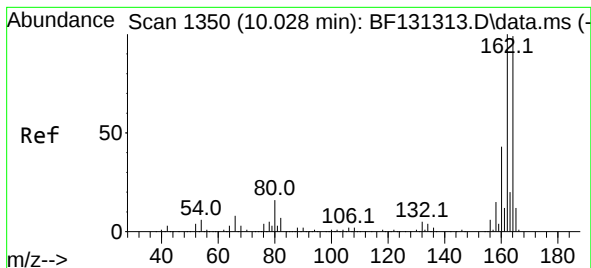
Tgt Ion:139 Resp: 59
Ion Ratio Lower Upper
139 100
109 102.4 29.9 44.9#
65 254.5 55.7 83.5#



#32
Benzoic acid
Concen: 5.242 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

Tgt Ion:122 Resp: 300
Ion Ratio Lower Upper
122 100
105 86.3 103.8 143.8#
77 117.3 74.3 114.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131408.D

Acq: 25 Nov 2022 21:54

Instrument :

BNA_F

ClientSampleId :

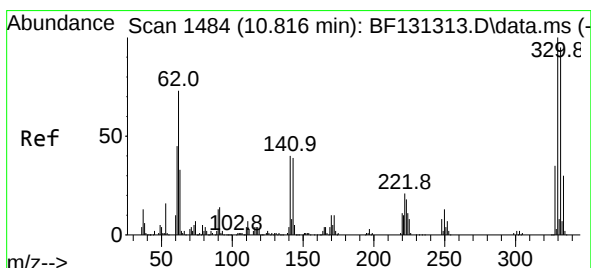
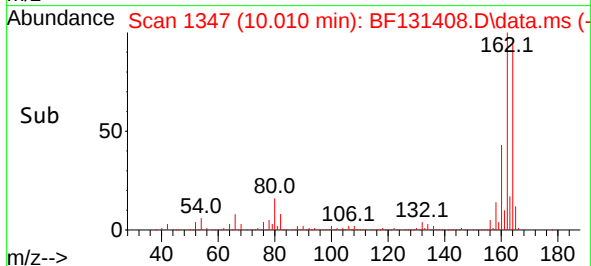
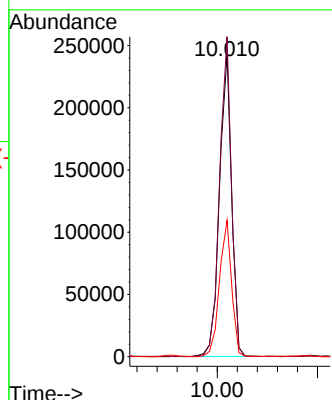
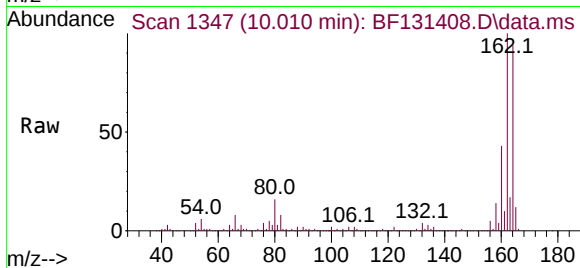
Tgt Ion:164 Resp: 203775

Ion Ratio Lower Upper

164 100

162 105.8 80.6 120.8

160 45.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 127.155 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

Lab File: BF131408.D

Acq: 25 Nov 2022 21:54

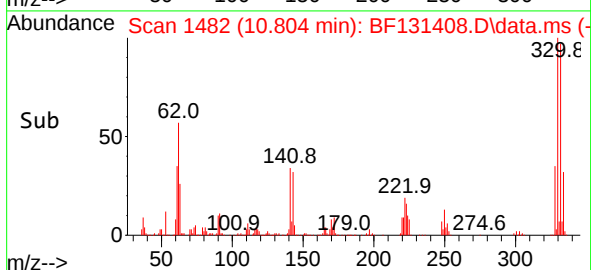
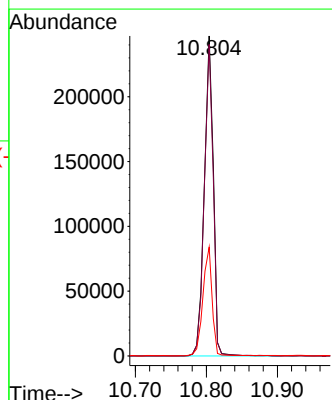
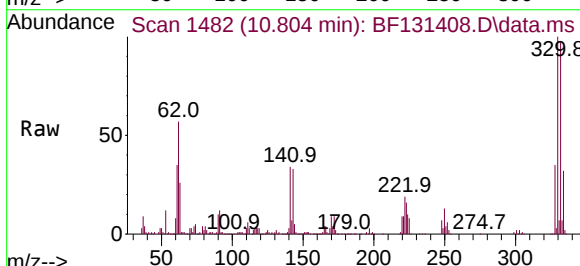
Tgt Ion:330 Resp: 217992

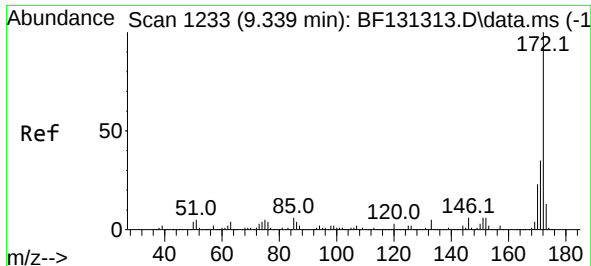
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 34.8 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 71.549 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131408.D

Acq: 25 Nov 2022 21:54

Instrument :

BNA_F

ClientSampleId :

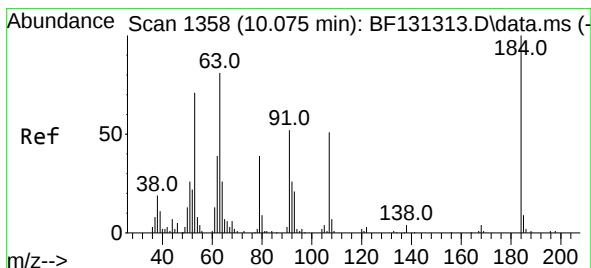
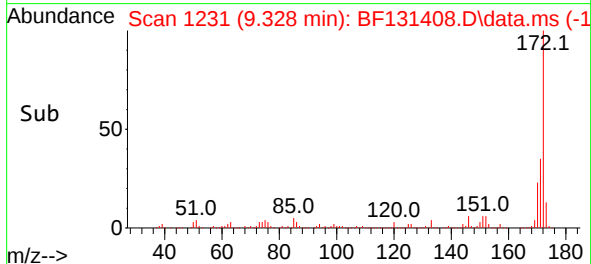
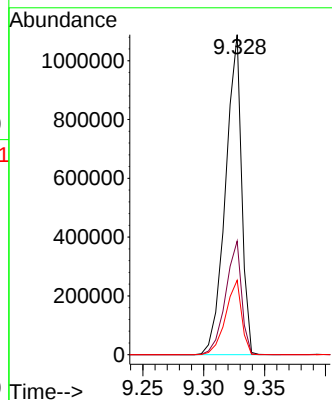
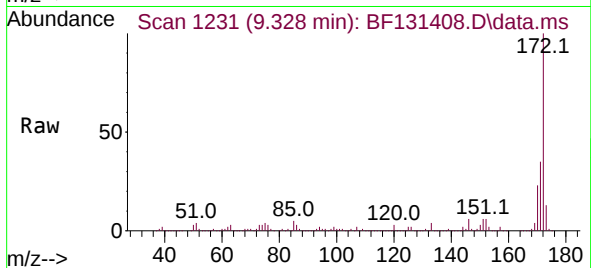
Tgt Ion:172 Resp: 1002179

Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.3 18.7 28.1



#54

2,4-Dinitrophenol

Concen: 4.984 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.076 min

Lab File: BF131408.D

Acq: 25 Nov 2022 21:54

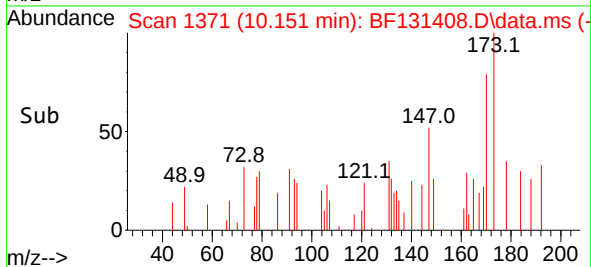
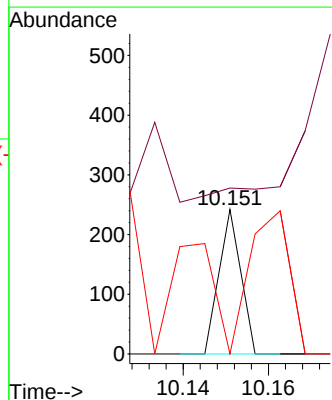
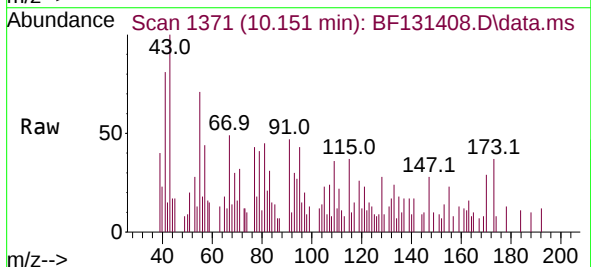
Tgt Ion:184 Resp: 85

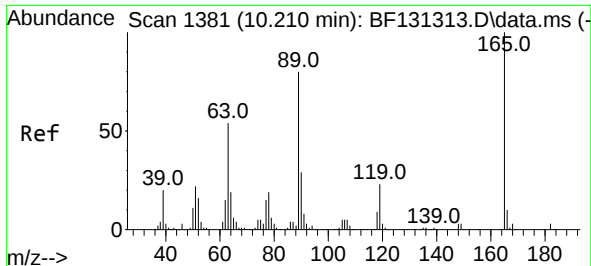
Ion Ratio Lower Upper

184 100

63 114.9 72.1 108.1#

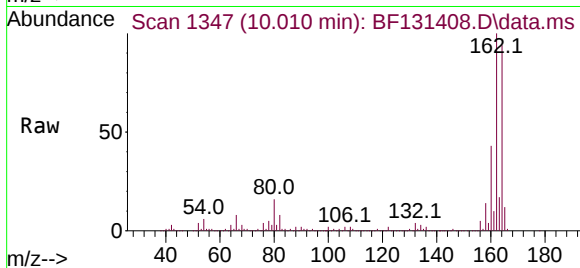
154 0.0 56.3 84.5#



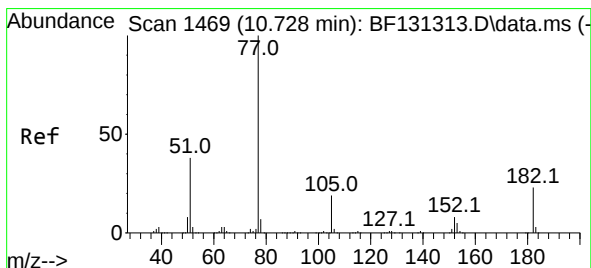
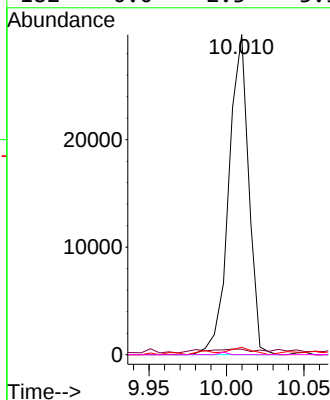
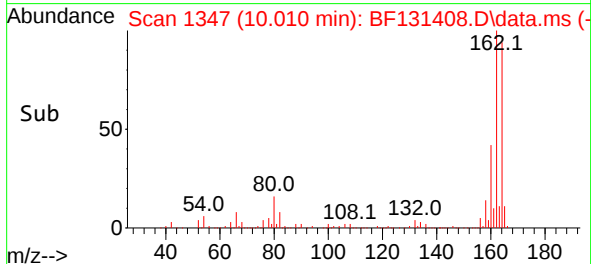


#57
2,4-Dinitrotoluene
Concen: 7.442 ng
RT: 10.010 min Scan# 1381
Delta R.T. -0.194 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

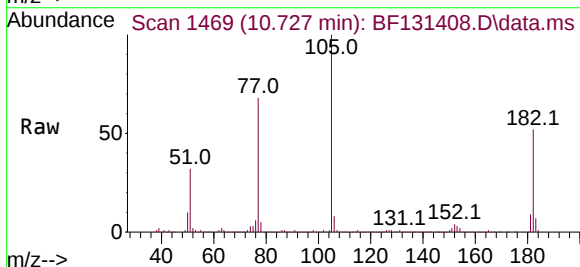
Instrument :
BNA_F
ClientSampleId :



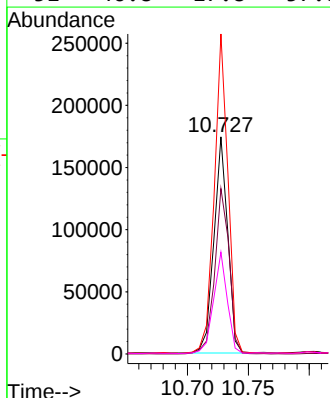
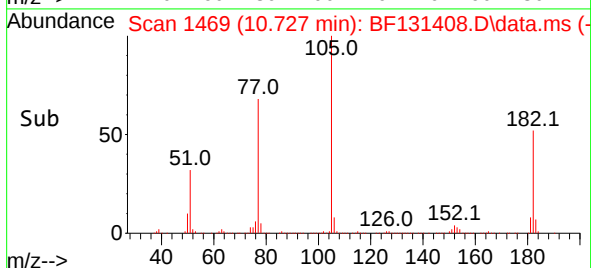
Tgt Ion:165 Resp: 26586
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 2.3 64.0 96.0#
182 0.0 2.3 3.5#

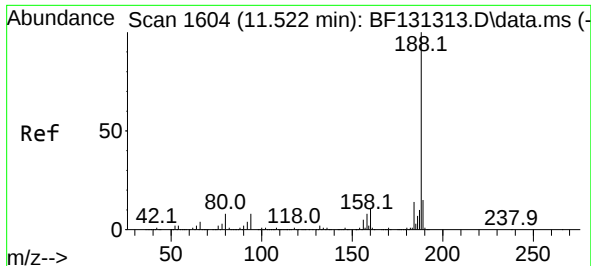


#63
Azobenzene
Concen: 9.606 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.006 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54



Tgt Ion: 77 Resp: 138469
Ion Ratio Lower Upper
77 100
182 76.2 3.1 43.1#
105 147.4 0.0 39.2#
51 46.8 17.8 57.8

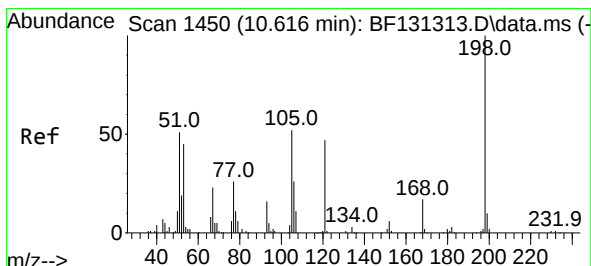
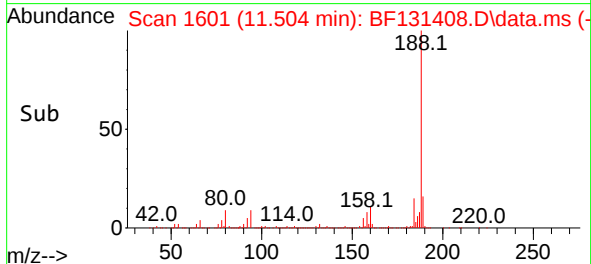
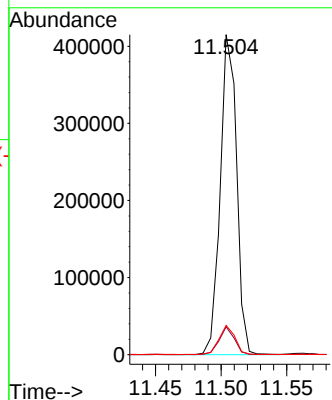
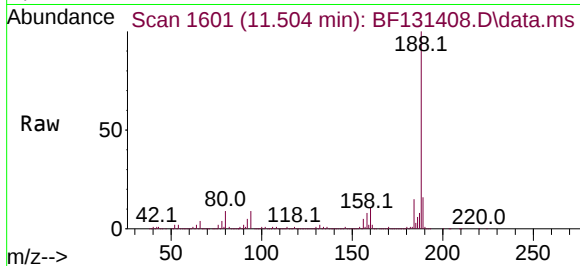




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

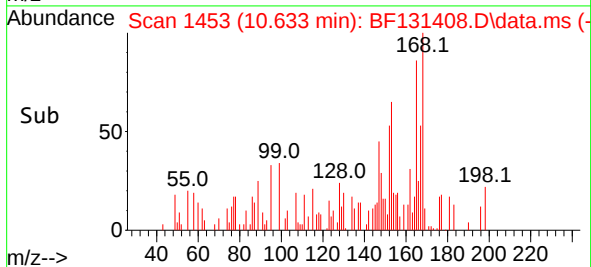
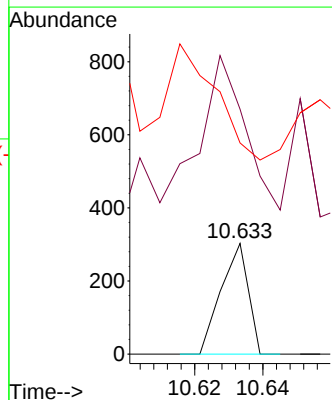
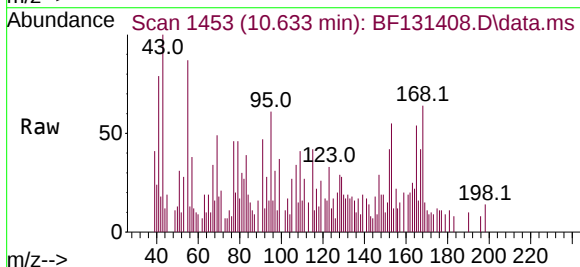
Instrument :
BNA_F
ClientSampleId :

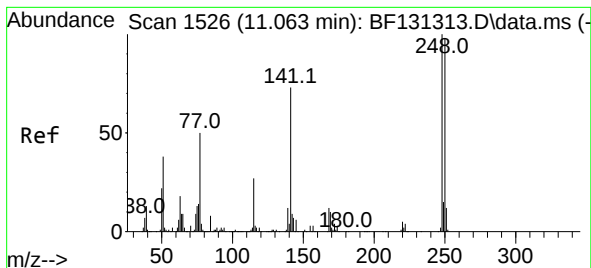
Tgt Ion:188 Resp: 359571
Ion Ratio Lower Upper
188 100
94 8.7 6.3 9.5
80 9.1 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.694 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.024 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

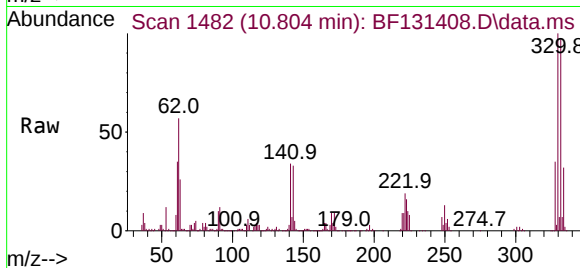
Tgt Ion:198 Resp: 167
Ion Ratio Lower Upper
198 100
51 221.1 50.1 90.1#
105 190.8 32.5 72.5#



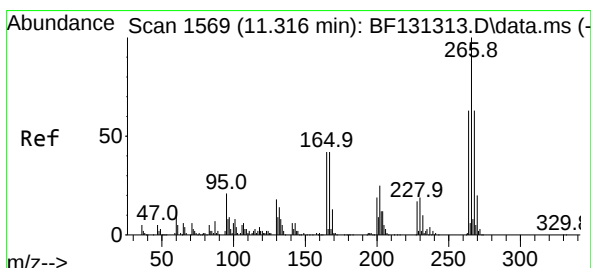
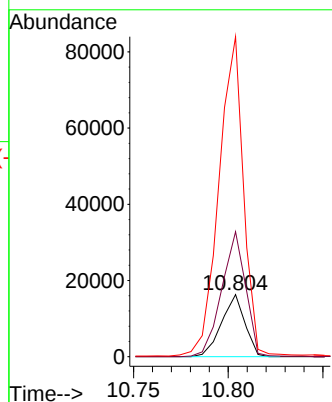
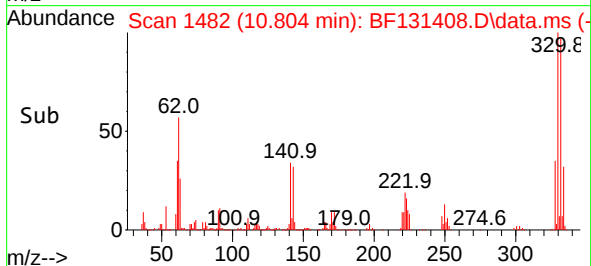


#67
4-Bromophenyl-phenylether
Concen: 3.180 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

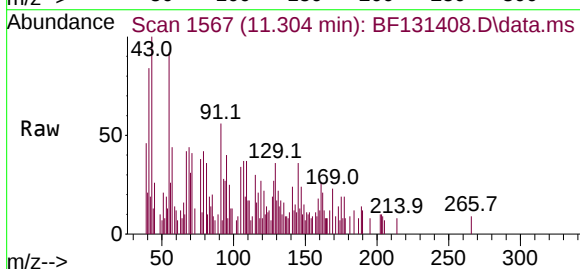
Instrument :
BNA_F
ClientSampleId :



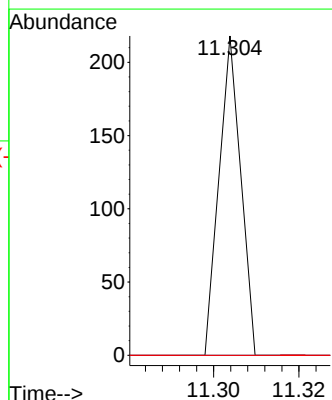
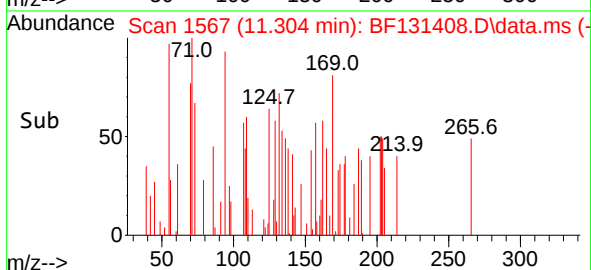
Tgt Ion:248 Resp: 14014
Ion Ratio Lower Upper
248 100
250 201.3 78.3 117.5#
141 515.4 58.0 87.0#

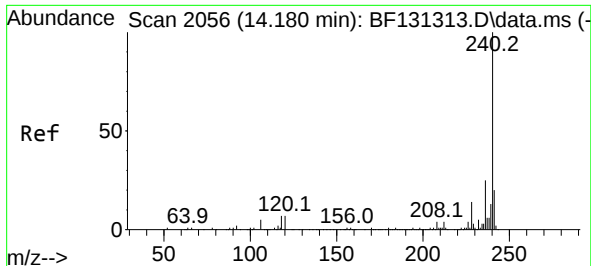


#70
Pentachlorophenol
Concen: 4.905 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54



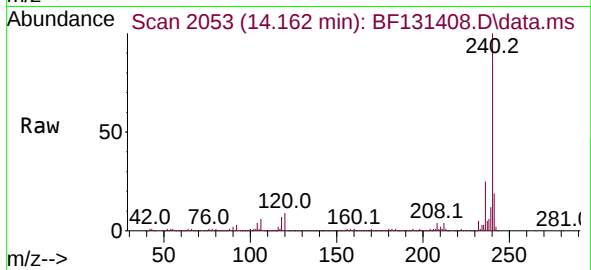
Tgt Ion:266 Resp: 77
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 0.0 50.4 75.6#



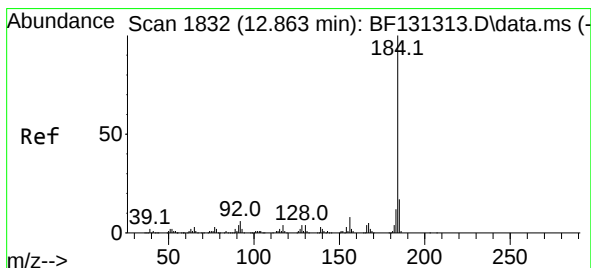
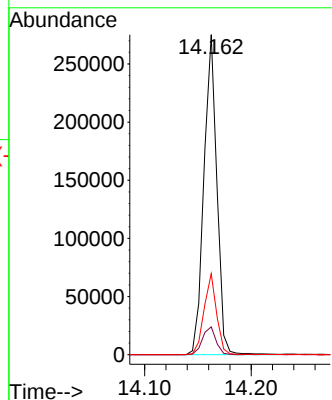
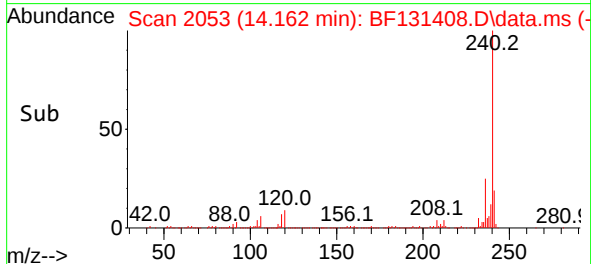


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54

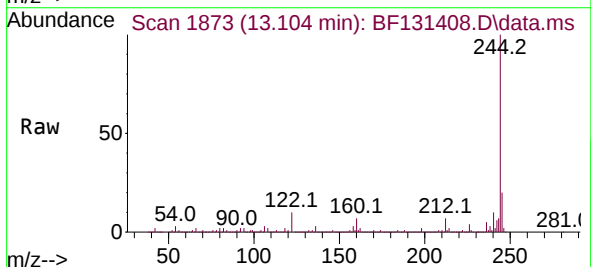
Instrument :
BNA_F
ClientSampleId :



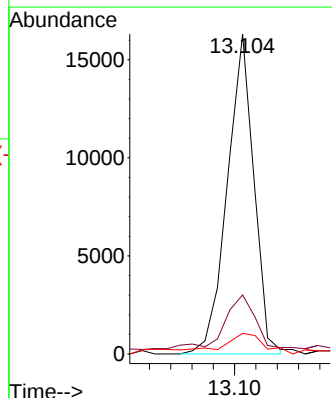
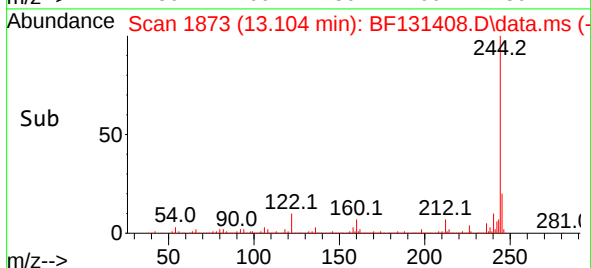
Tgt Ion:240 Resp: 233725
Ion Ratio Lower Upper
240 100
120 8.7 5.8 8.8
236 25.3 20.3 30.5

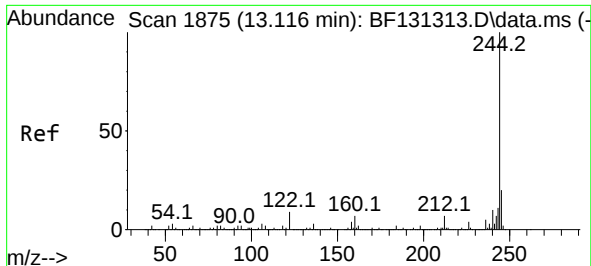


#77
Benzidine
Concen: 3.270 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131408.D
Acq: 25 Nov 2022 21:54



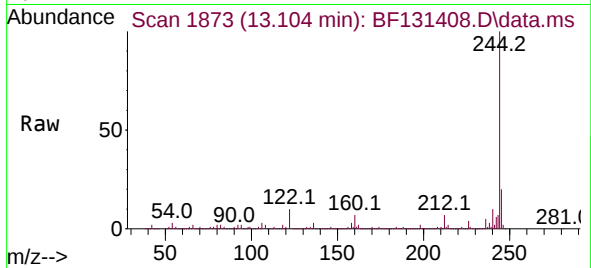
Tgt Ion:184 Resp: 14117
Ion Ratio Lower Upper
184 100
185 18.5 13.8 20.8
183 6.5 9.6 14.4#



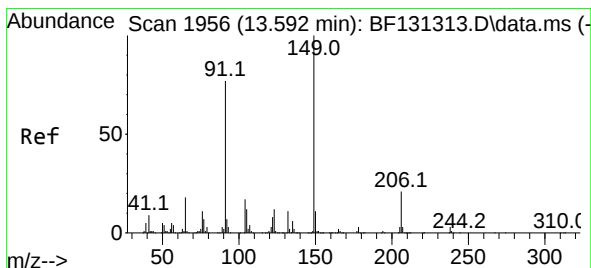
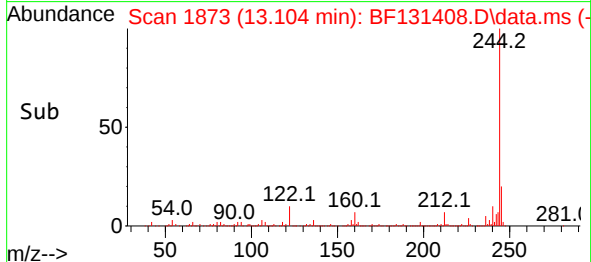
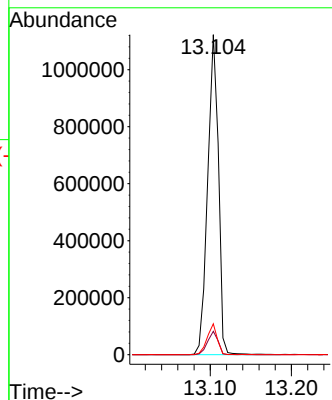


#79
 Terphenyl-d14
 Concen: 71.927 ng
 RT: 13.104 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54

Instrument :
 BNA_F
 ClientSampleId :

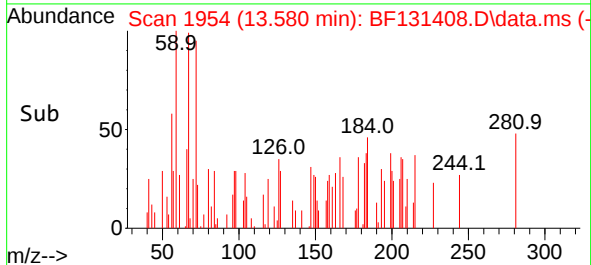
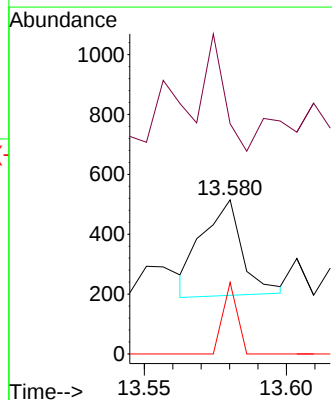
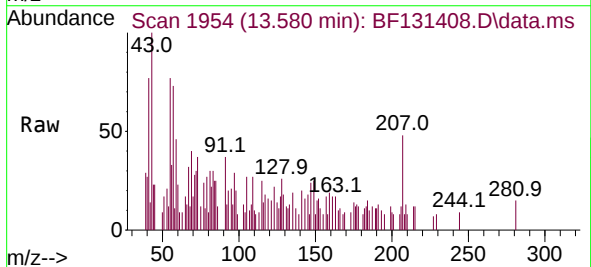


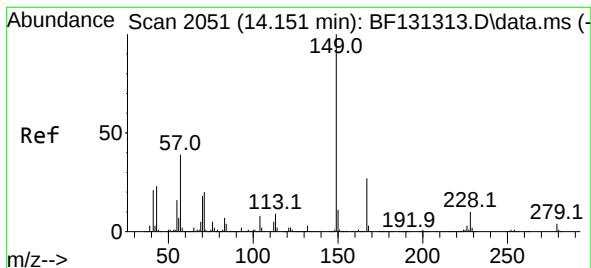
Tgt Ion:244 Resp: 1028033
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.185 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54

Tgt Ion:149 Resp: 314
 Ion Ratio Lower Upper
 149 100
 91 149.3 61.9 92.9#
 206 46.4 16.5 24.7#

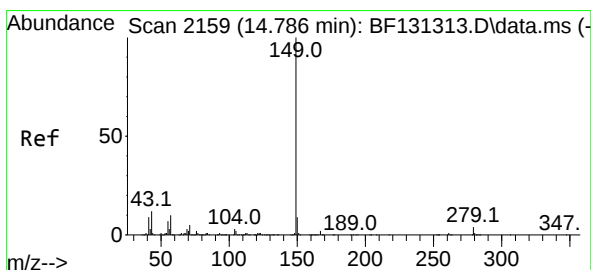
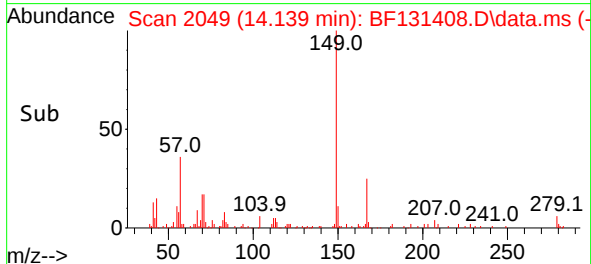
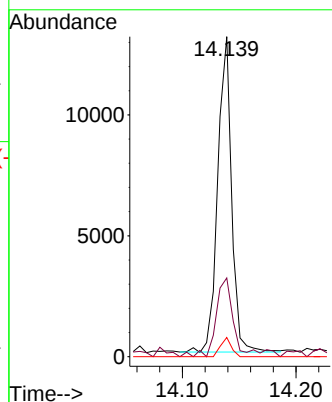
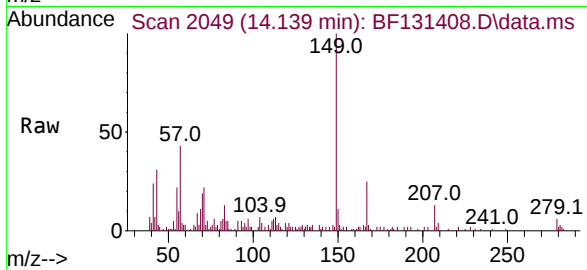




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.857 ng
 RT: 14.139 min Scan# 2051
 Delta R.T. -0.006 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54

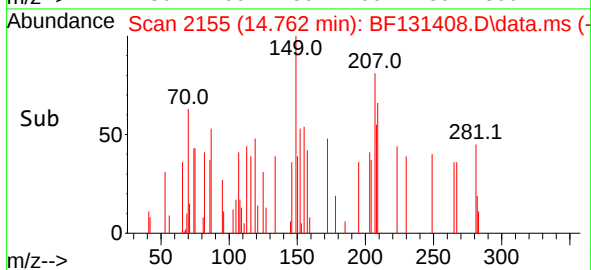
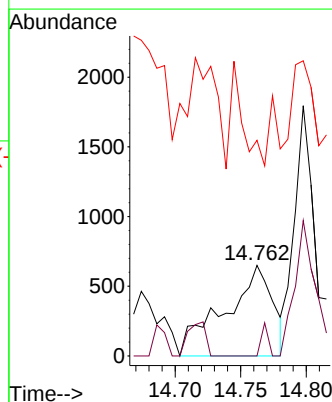
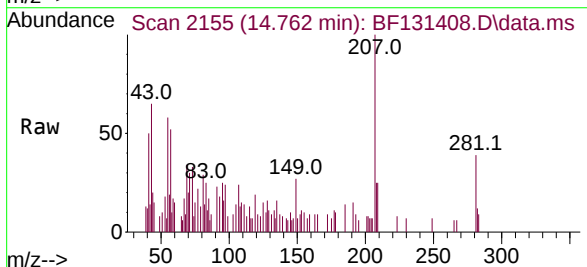
Instrument :
 BNA_F
 ClientSampleId :

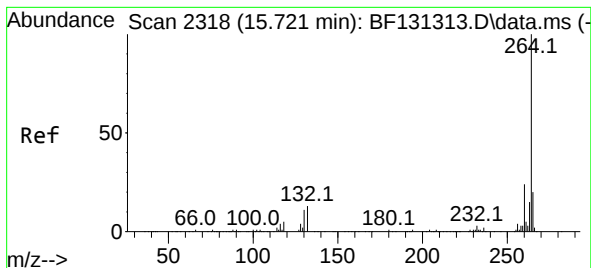
Tgt Ion:149 Resp: 11067
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.9 32.9
 279 6.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 4.045 ng
 RT: 14.762 min Scan# 2155
 Delta R.T. -0.012 min
 Lab File: BF131408.D
 Acq: 25 Nov 2022 21:54

Tgt Ion:149 Resp: 1644
 Ion Ratio Lower Upper
 149 100
 167 5.1 1.2 1.8#
 43 0.0 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.698 min Scan# 21

Delta R.T. -0.012 min

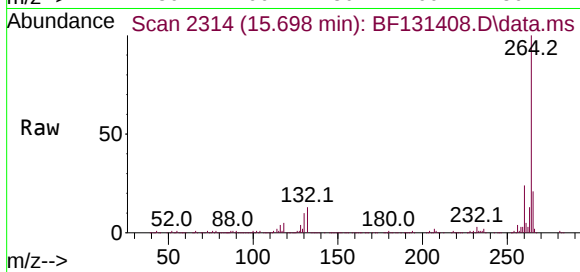
Lab File: BF131408.D

Acq: 25 Nov 2022 21:54

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 191858

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.0 16.4 24.6

