

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132618.D
 Acq On : 02 Mar 2023 20:50
 Operator : CG\JU
 Sample : 01749-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-14

Quant Time: Mar 03 00:39:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

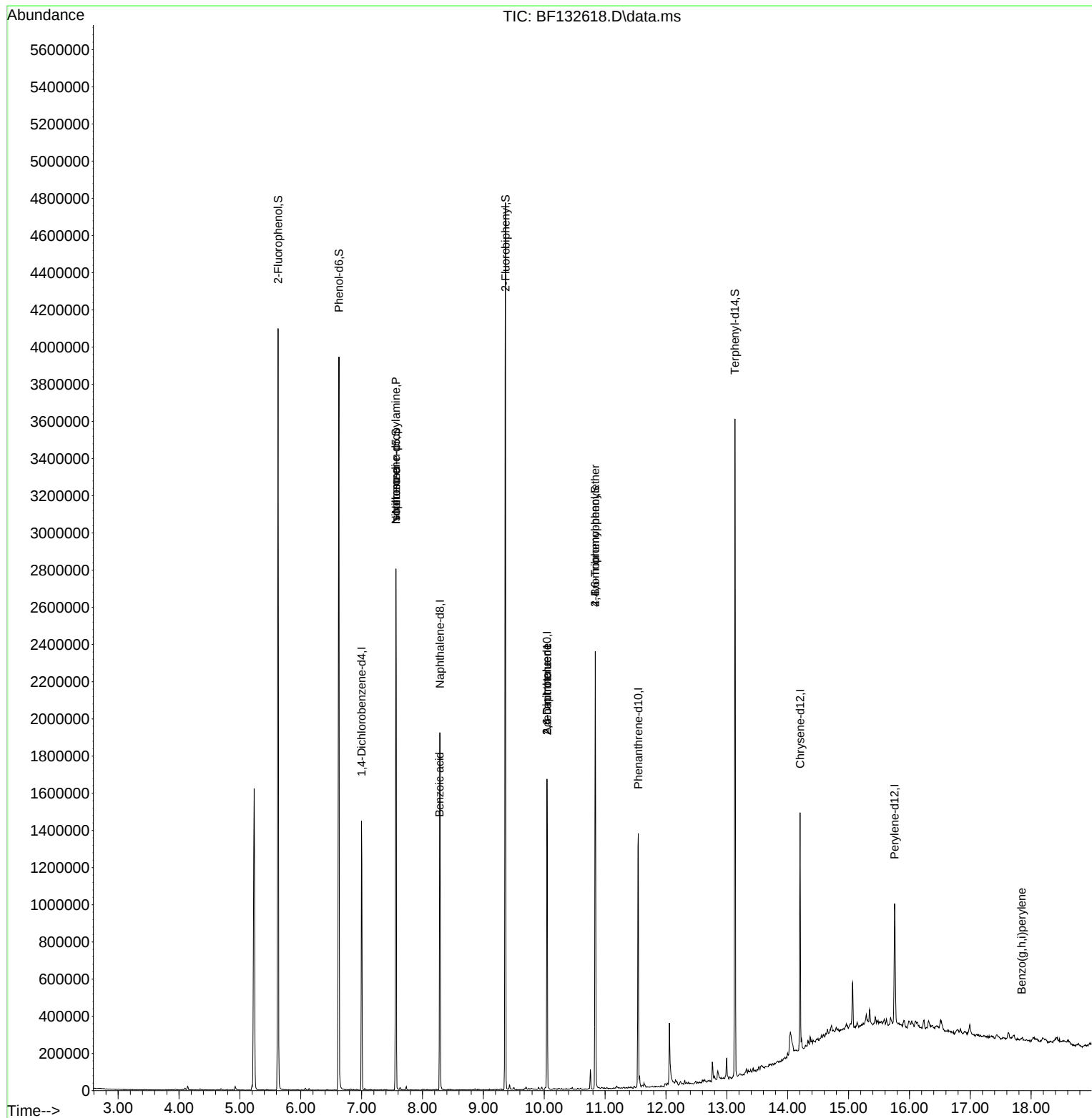
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	214172	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	745186	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	321660	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	525699	20.000	ng	0.00
76) Chrysene-d12	14.204	240	399931	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	315059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1155186	87.539	ng	0.00
7) Phenol-d6	6.628	99	1456114	84.548	ng	0.00
23) Nitrobenzene-d5	7.563	82	960704	61.166	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	264244	76.068	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1396378	66.101	ng	0.00
79) Terphenyl-d14	13.133	244	1219044	51.536	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	125617	11.851	ng	# 77
25) Isophorone	7.563	82	960692	31.903	ng	# 67
32) Benzoic acid	8.281	122	344	3.870	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	42969	8.056	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	42969	6.055	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	16995	2.858	ng	# 1
92) Benzo(g,h,i)perylene	17.845	276	10104	2.128	ng	# 69

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

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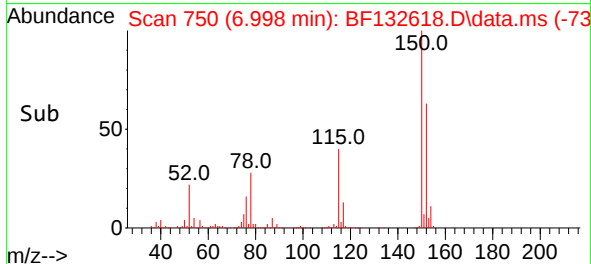
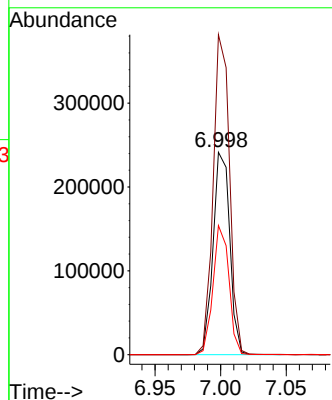
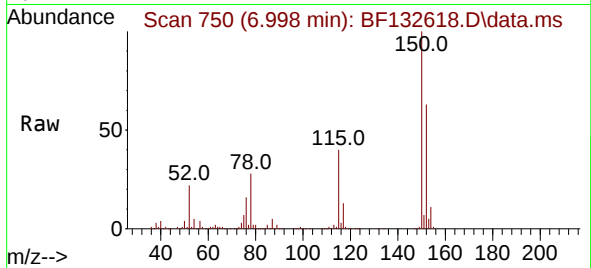




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

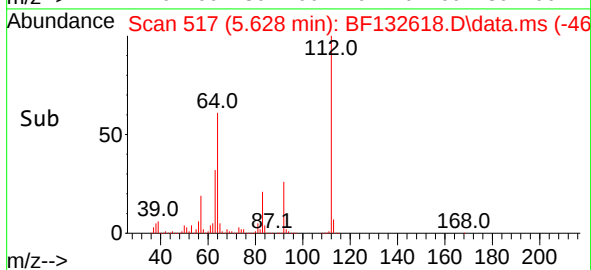
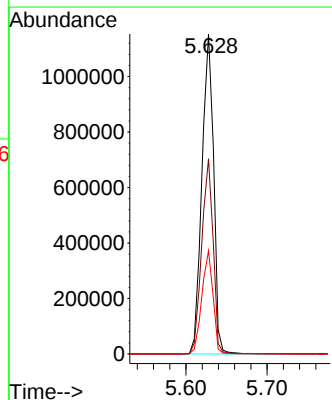
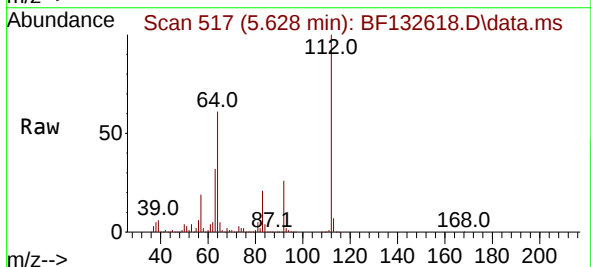
Instrument :
BNA_F
ClientSampleId :
CF-14

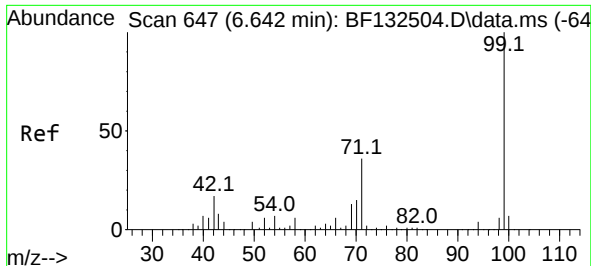
Tgt Ion:152 Resp: 214172
Ion Ratio Lower Upper
152 100
150 158.2 125.4 188.2
115 63.8 47.8 71.6



#5
2-Fluorophenol
Concen: 87.539 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:112 Resp: 1155186
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 32.2 27.4 41.2



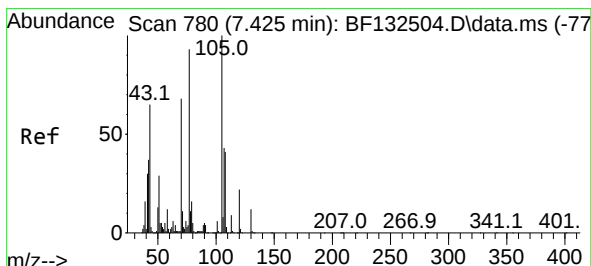
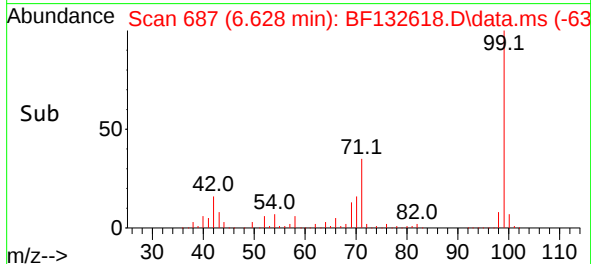
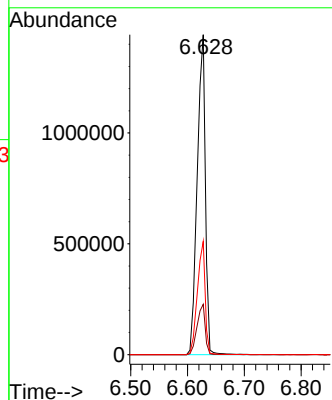
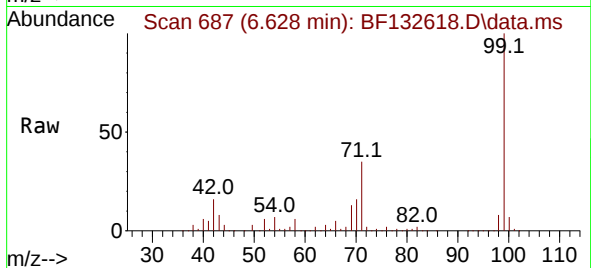


#7
Phenol-d6
Concen: 84.548 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Instrument :
BNA_F
ClientSampleId :
CF-14

Tgt Ion: 99 Resp: 1456114

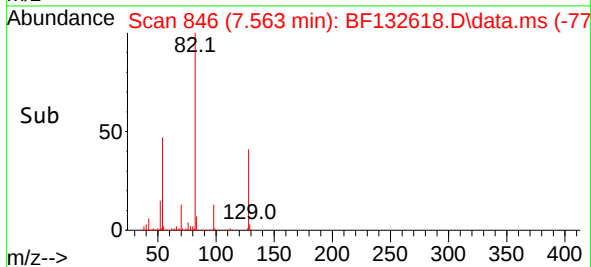
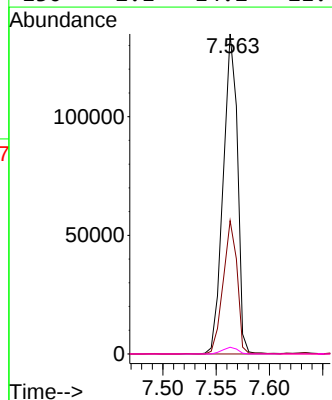
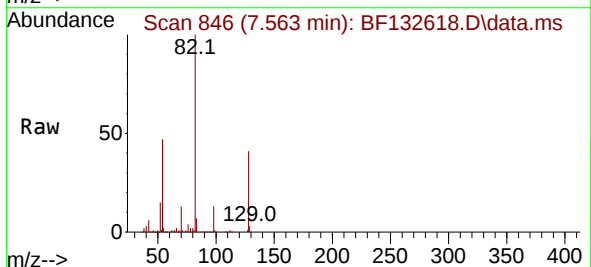
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.9	20.9
71	35.4	28.5	42.7

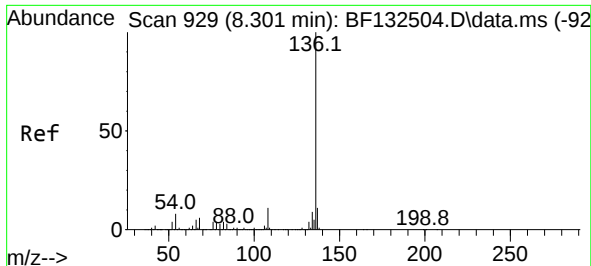


#19
n-Nitroso-di-n-propylamine
Concen: 11.851 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion: 70 Resp: 125617

Ion	Ratio	Lower	Upper
70	100		
42	41.7	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

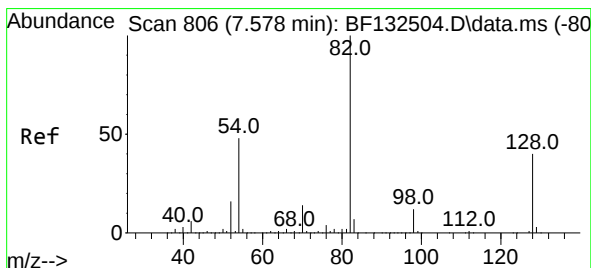
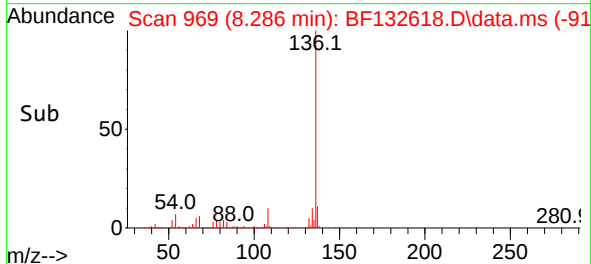
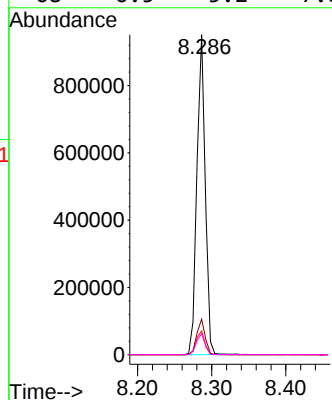
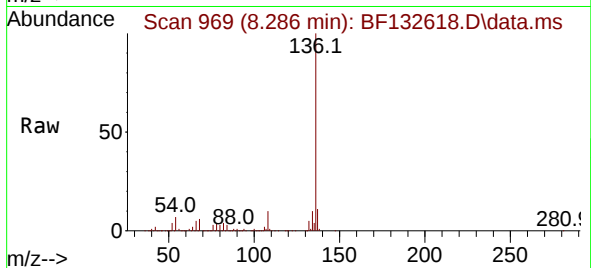




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

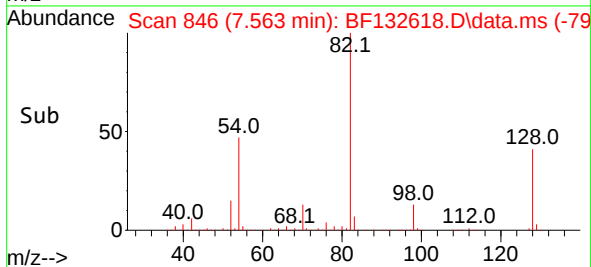
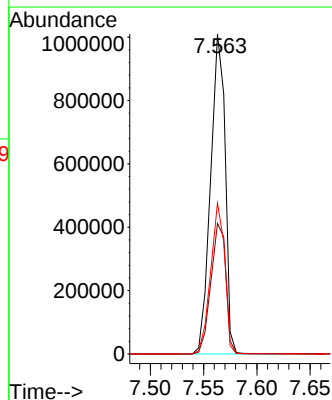
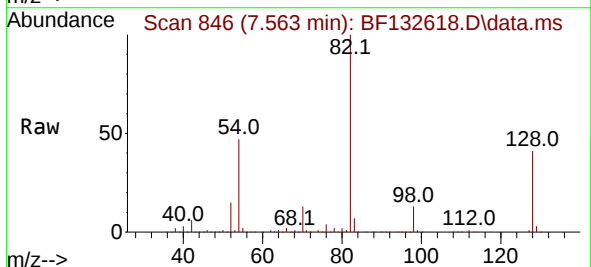
Instrument :
BNA_F
ClientSampleId :
CF-14

Tgt Ion:136 Resp: 745186
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.166 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion: 82 Resp: 960704
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 47.2 38.4 57.6

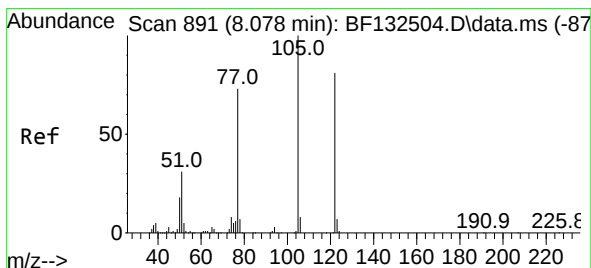
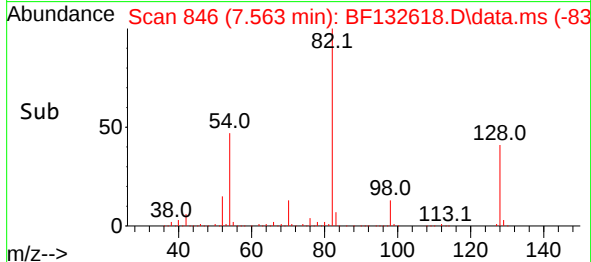
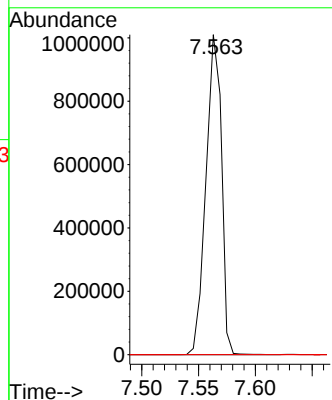
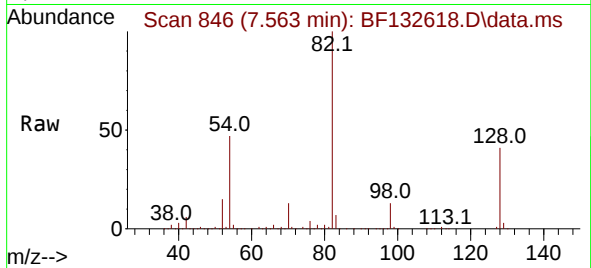




#25
Isophorone
Concen: 31.903 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

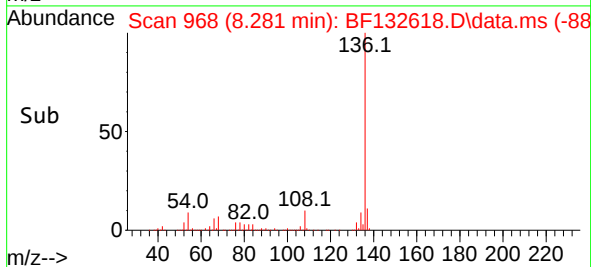
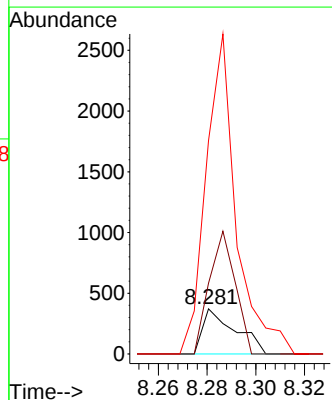
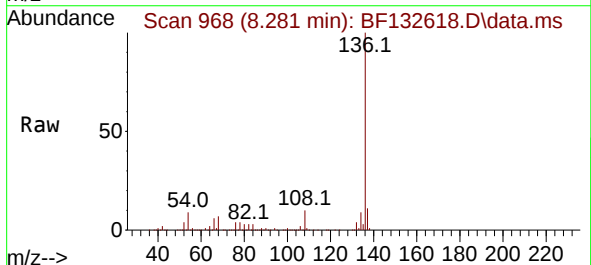
Instrument :
BNA_F
ClientSampleId :
CF-14

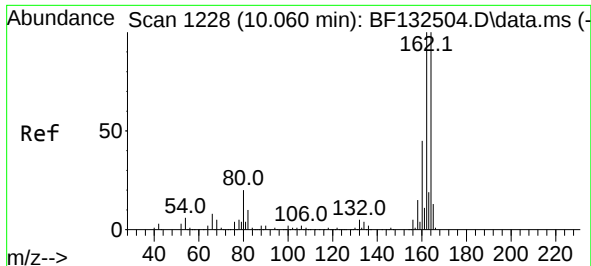
Tgt Ion: 82 Resp: 960692
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.870 ng
RT: 8.281 min Scan# 968
Delta R.T. 0.215 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:122 Resp: 344
Ion Ratio Lower Upper
122 100
105 156.7 102.6 142.6#
77 472.0 70.2 110.2#

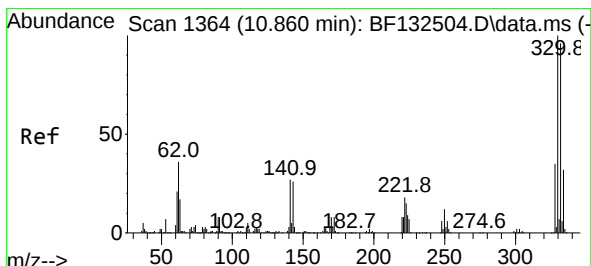
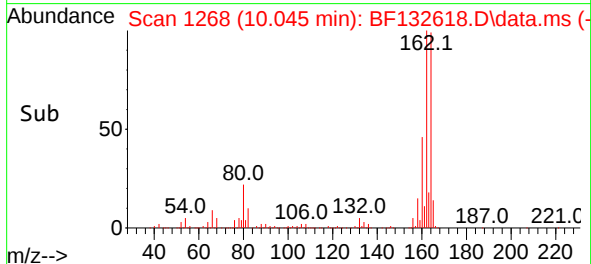
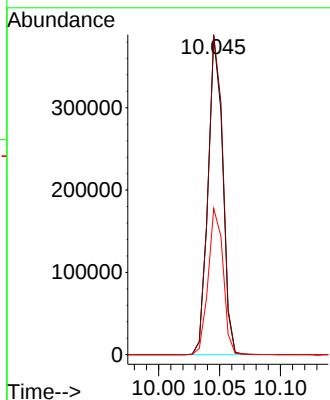
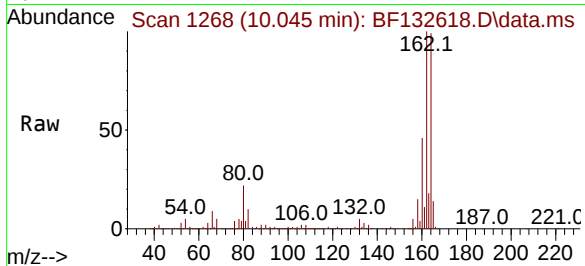




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

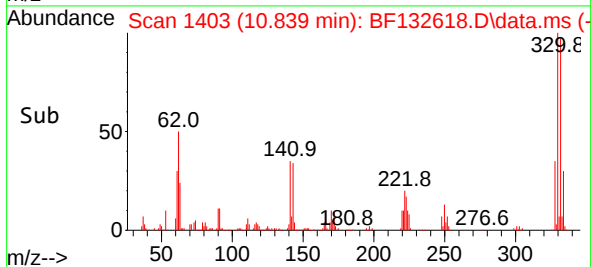
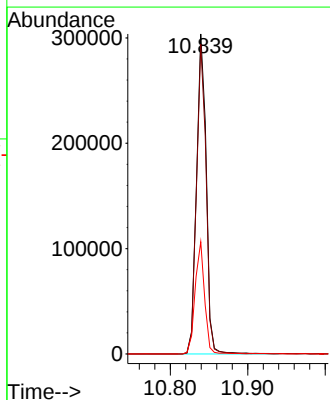
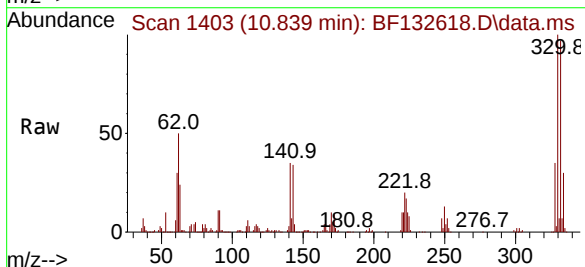
Instrument :
BNA_F
ClientSampleId :
CF-14

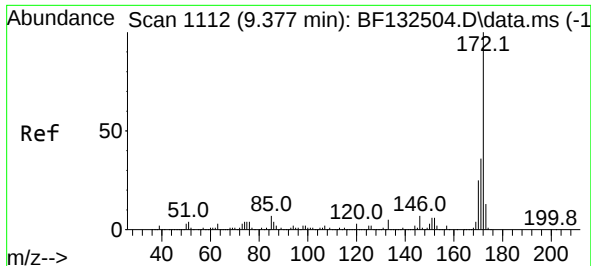
Tgt Ion:164 Resp: 321660
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 46.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 76.068 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:330 Resp: 264244
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 34.2 28.4 42.6

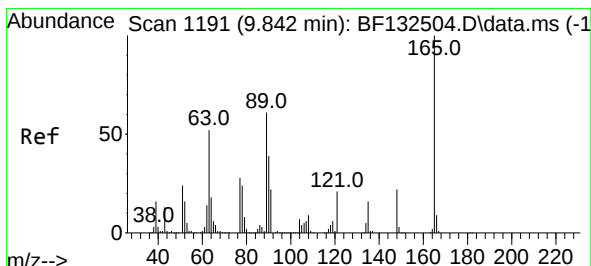
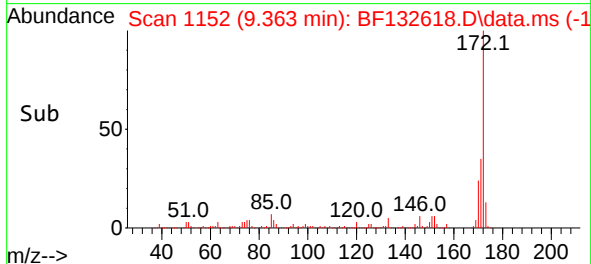
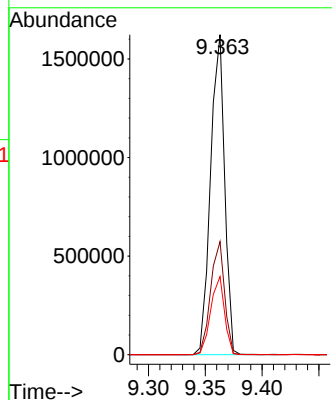
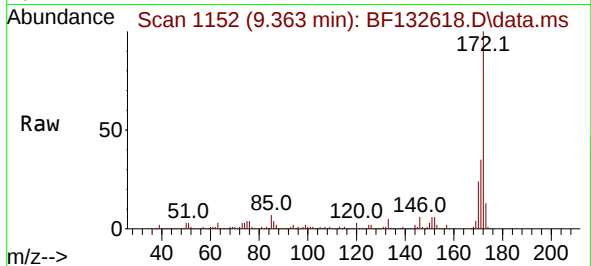




#45
2-Fluorobiphenyl
Concen: 66.101 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

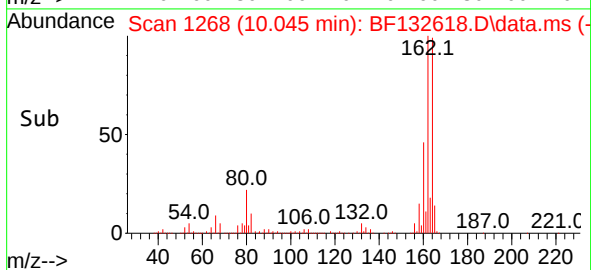
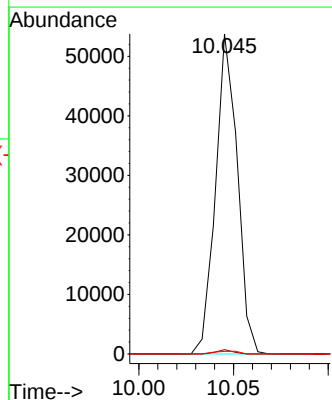
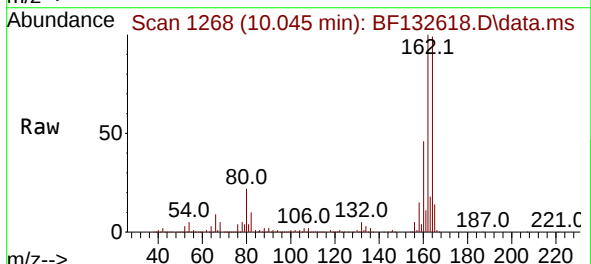
Instrument :
BNA_F
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CF-14

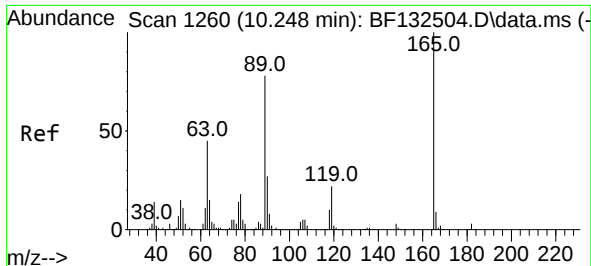
Tgt Ion:172 Resp: 1396378
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.4 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:165 Resp: 42969
Ion Ratio Lower Upper
165 100
63 1.4 47.3 70.9#
89 0.8 48.9 73.3#

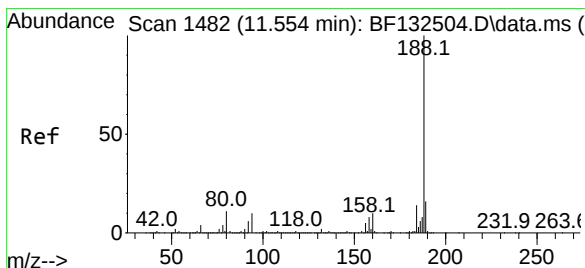
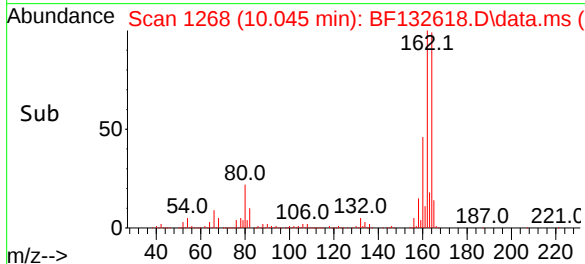
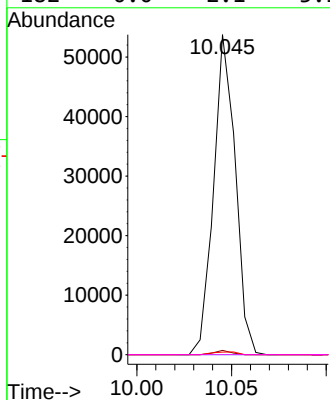
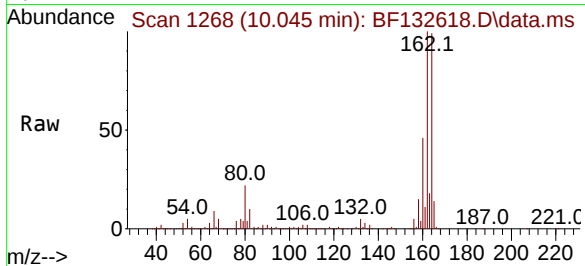




#57
2,4-Dinitrotoluene
Concen: 6.055 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

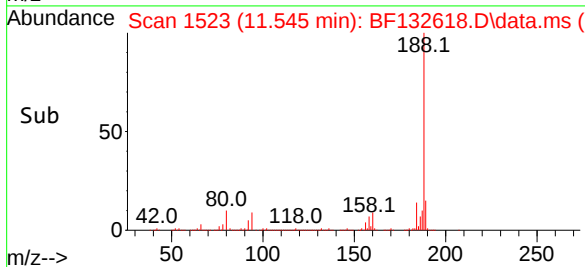
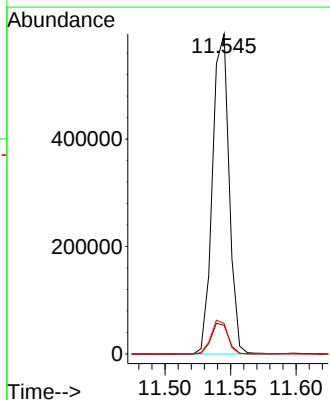
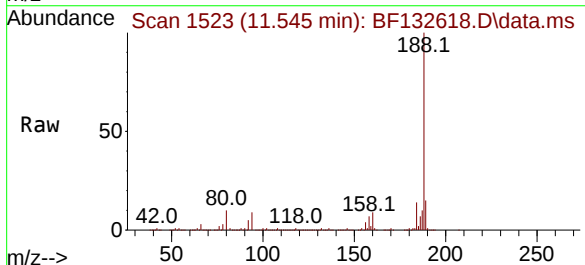
Instrument :
BNA_F
ClientSampleId :
CF-14

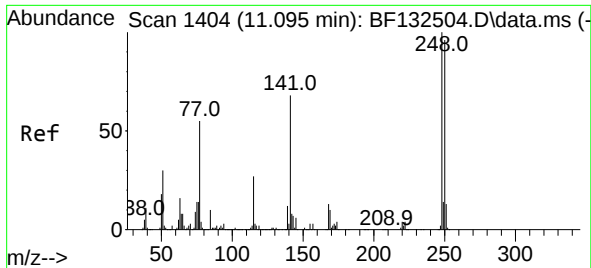
Tgt Ion:165 Resp: 42969
Ion Ratio Lower Upper
165 100
63 1.4 36.5 54.7#
89 0.8 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:188 Resp: 525699
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.6 8.7 13.1

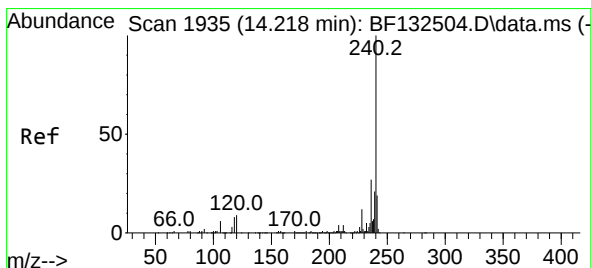
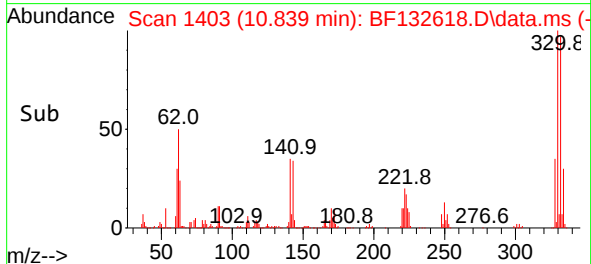
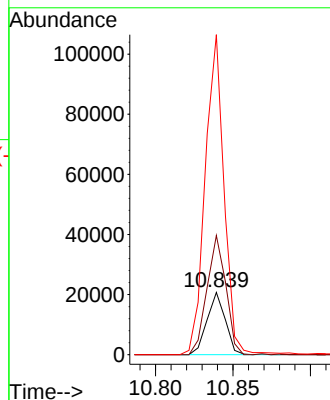
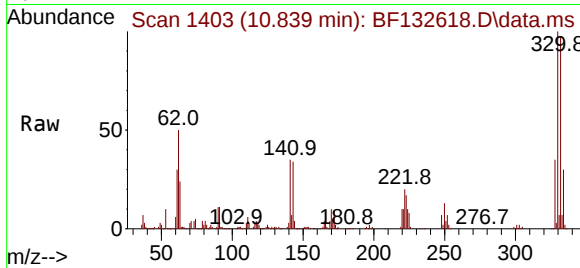




#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

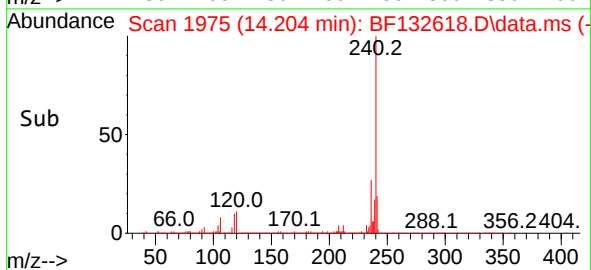
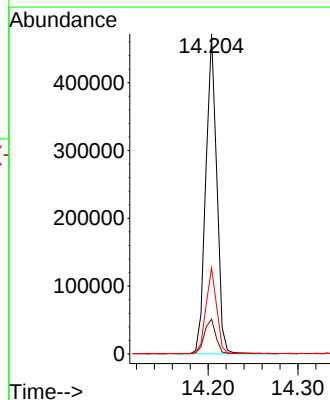
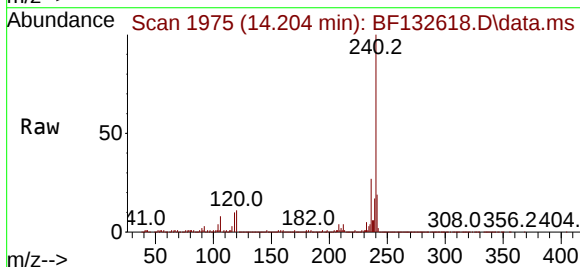
Instrument :
BNA_F
ClientSampleId :
CF-14

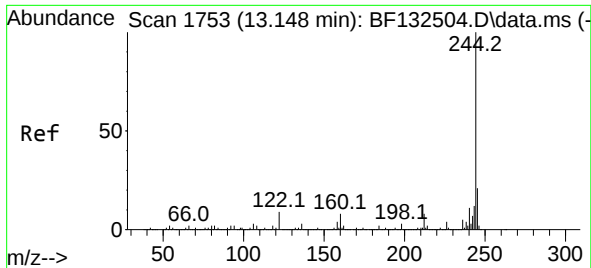
Tgt Ion:248 Resp: 16995
Ion Ratio Lower Upper
248 100
250 191.2 77.0 115.4#
141 513.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132618.D
Acq: 02 Mar 2023 20:50

Tgt Ion:240 Resp: 399931
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.9 21.8 32.6

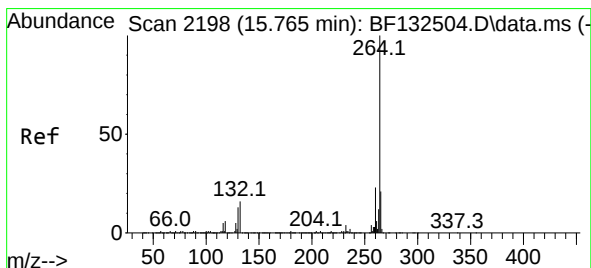
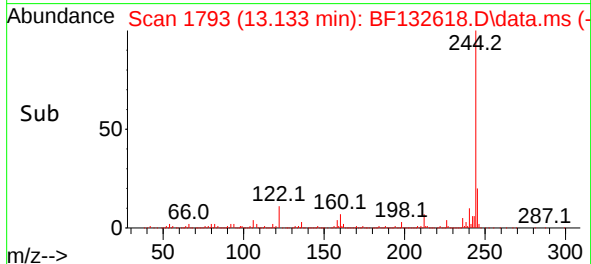
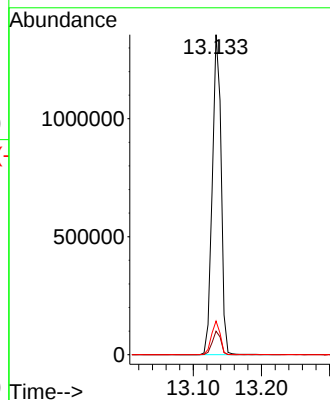
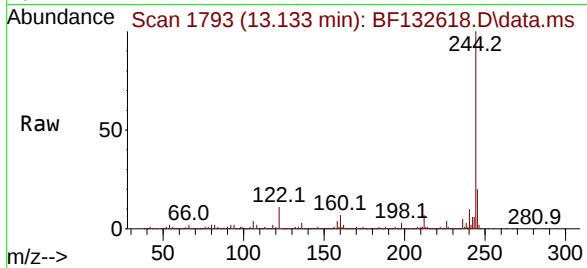




#79
 Terphenyl-d14
 Concen: 51.536 ng
 RT: 13.133 min Scan# 1
 Delta R.T. -0.009 min
 Lab File: BF132618.D
 Acq: 02 Mar 2023 20:50

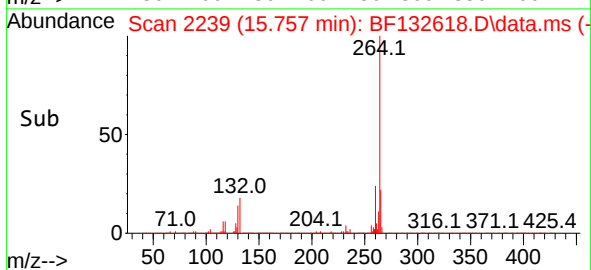
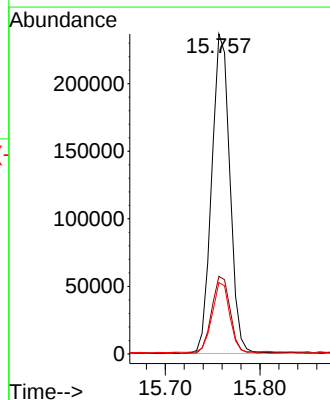
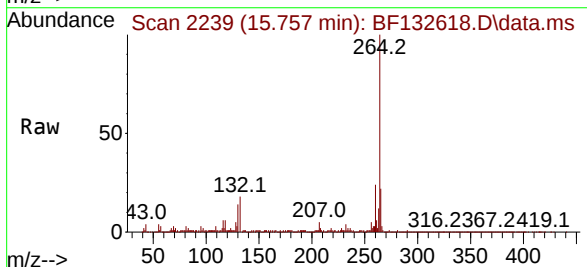
Instrument :
 BNA_F
 ClientSampleId :
 CF-14

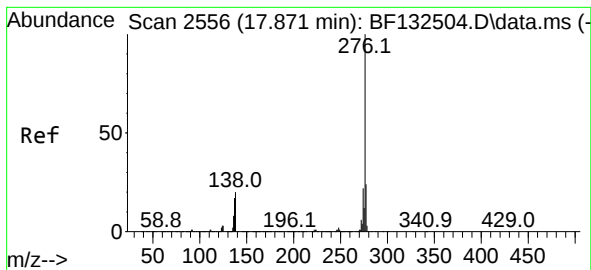
Tgt Ion:244 Resp: 1219044
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132618.D
 Acq: 02 Mar 2023 20:50

Tgt Ion:264 Resp: 315059
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.3 17.1 25.7





#92

Benzo(g,h,i)perylene

Concen: 2.128 ng

RT: 17.845 min Scan# 21

Delta R.T. -0.009 min

Lab File: BF132618.D

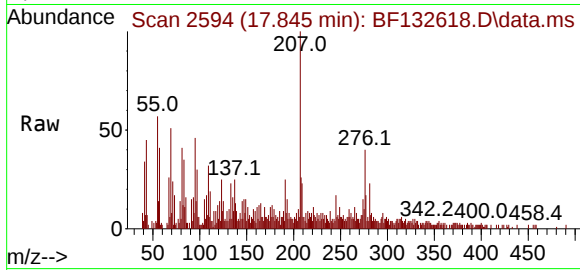
Acq: 02 Mar 2023 20:50

Instrument :

BNA_F

ClientSampleId :

CF-14



Tgt Ion:276 Resp: 10104

Ion Ratio Lower Upper

276 100

277 41.2 18.9 28.3#

138 31.6 16.2 24.4#

