

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132619.D
 Acq On : 02 Mar 2023 21:21
 Operator : CG\JU
 Sample : 01749-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-17

Quant Time: Mar 03 00:39:33 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)

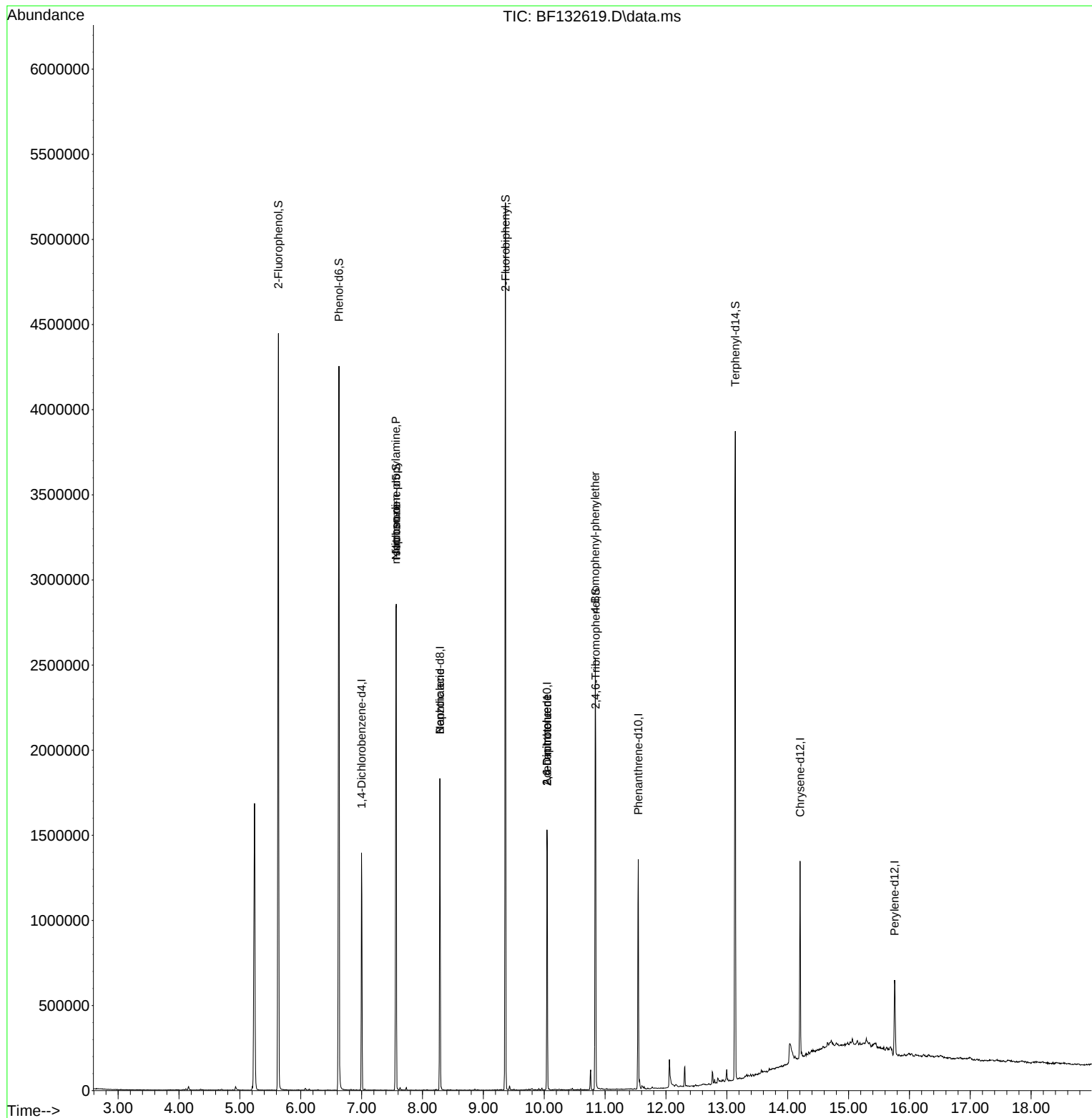
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	203696	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	712802	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	314281	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	490640	20.000	ng	0.00
76) Chrysene-d12	14.204	240	366768	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	214973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1282599	102.193	ng	0.00
7) Phenol-d6	6.628	99	1652412	100.880	ng	0.00
23) Nitrobenzene-d5	7.569	82	1048224	69.770	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	298967	88.084	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1517864	73.539	ng	0.00
79) Terphenyl-d14	13.139	244	1391393	64.141	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	139146	13.803	ng	# 76
25) Isophorone	7.569	82	1048210	36.391	ng	# 67
32) Benzoic acid	8.286	122	66	3.843	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	40976	7.863	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	40976	5.910	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	19240	3.467	ng	# 1

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

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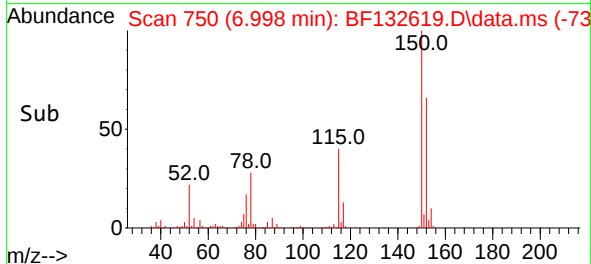
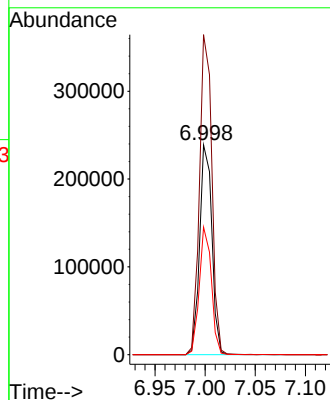
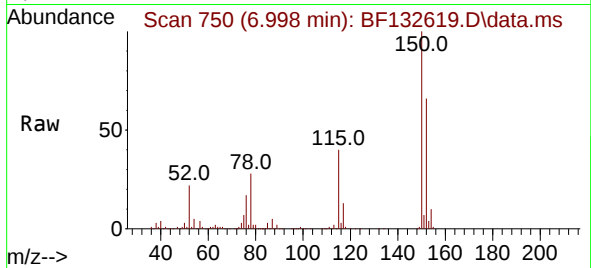




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

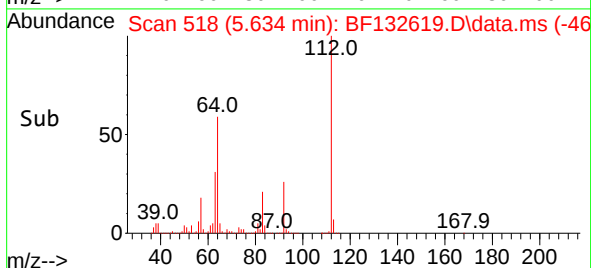
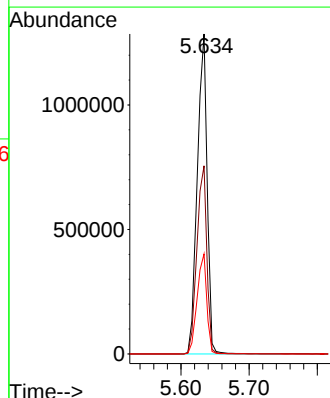
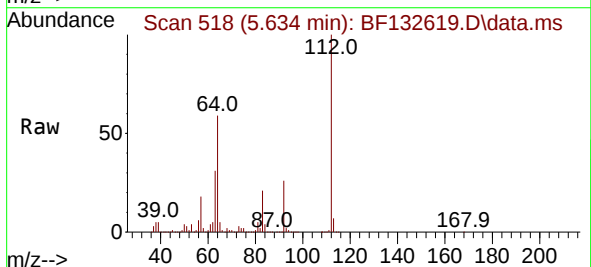
Instrument :
BNA_F
ClientSampleId :
CF-17

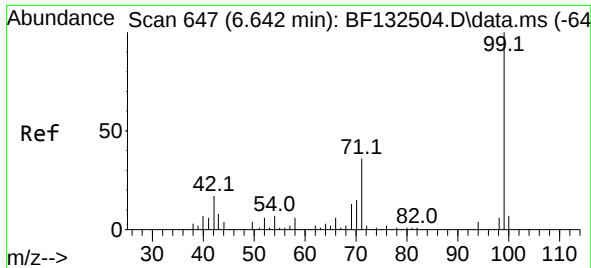
Tgt Ion:152 Resp: 203696
Ion Ratio Lower Upper
152 100
150 152.5 125.4 188.2
115 60.8 47.8 71.6



#5
2-Fluorophenol
Concen: 102.193 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion:112 Resp: 1282599
Ion Ratio Lower Upper
112 100
64 58.8 51.6 77.4
63 31.2 27.4 41.2



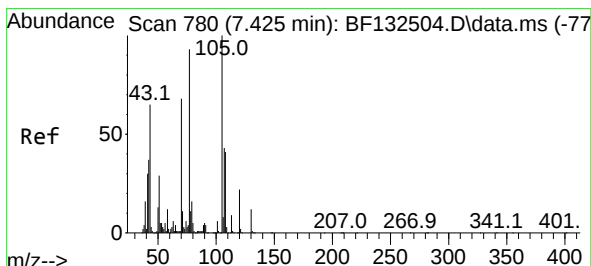
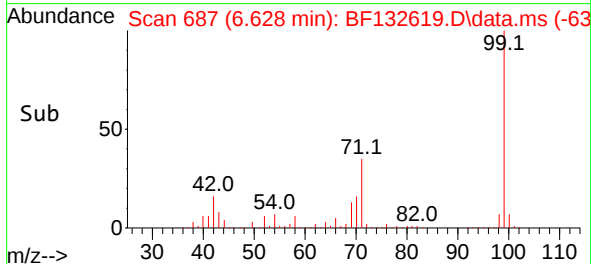
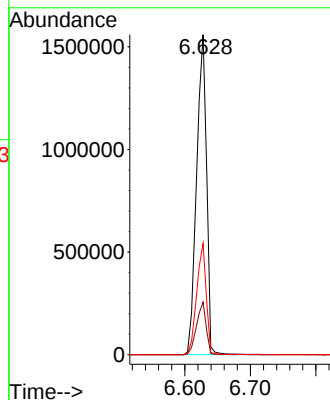
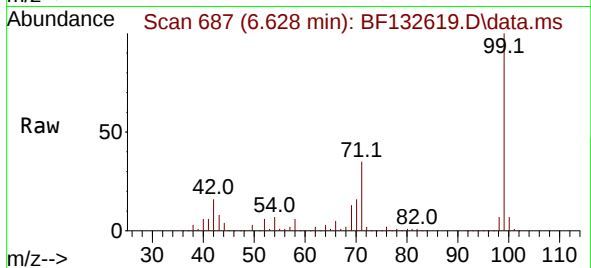


#7
Phenol-d6
Concen: 100.880 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Instrument :
BNA_F
ClientSampleId :
CF-17

Tgt Ion: 99 Resp: 1652412

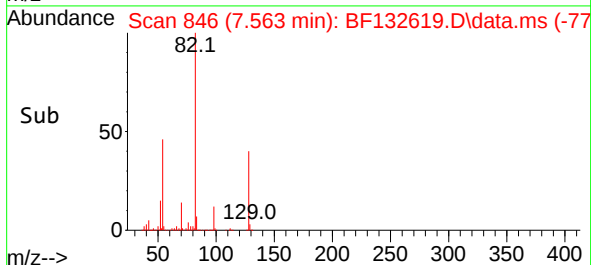
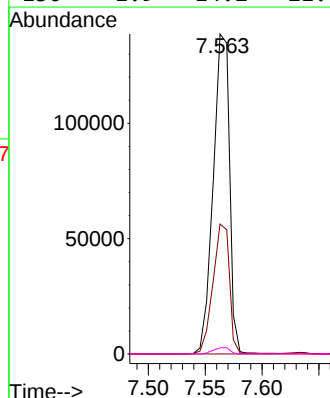
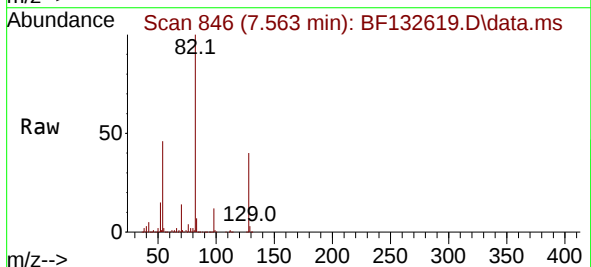
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.9	20.9
71	34.8	28.5	42.7

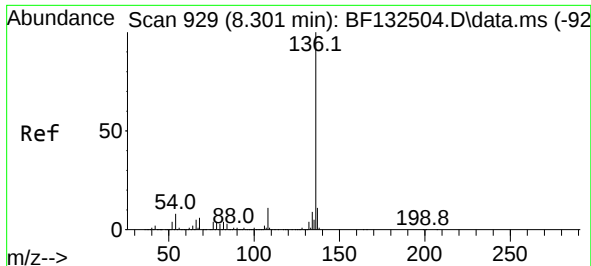


#19
n-Nitroso-di-n-propylamine
Concen: 13.803 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion: 70 Resp: 139146

Ion	Ratio	Lower	Upper
70	100		
42	40.6	44.1	66.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

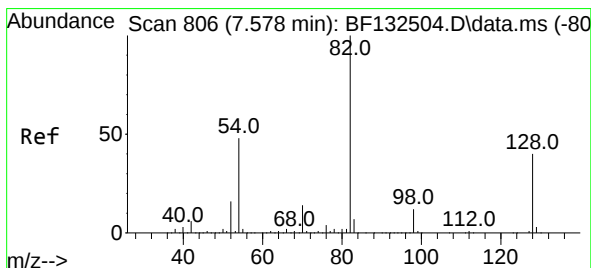
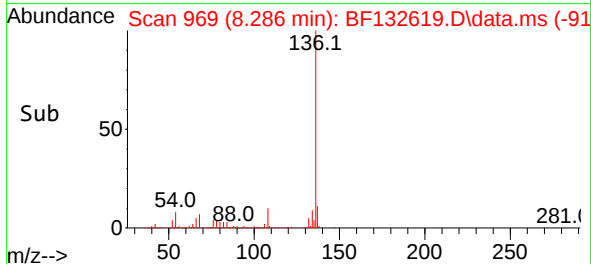
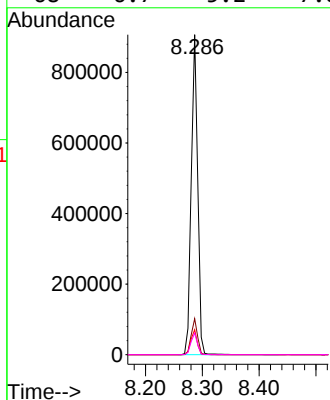
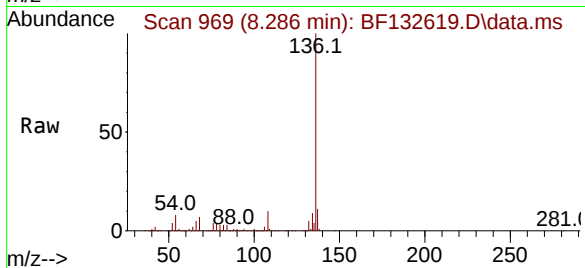




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

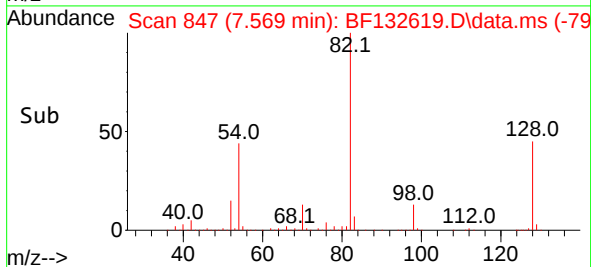
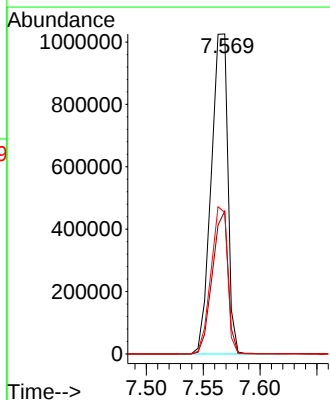
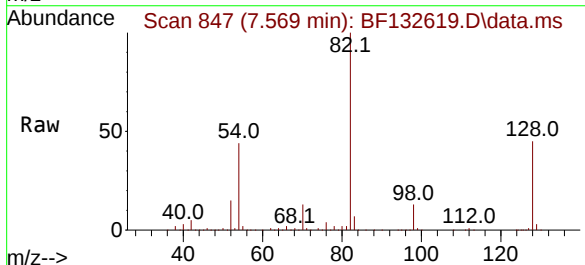
Instrument :
BNA_F
ClientSampleId :
CF-17

Tgt Ion:136 Resp: 712802
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.8 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 69.770 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion: 82 Resp: 1048224
Ion Ratio Lower Upper
82 100
128 44.7 32.2 48.2
54 44.2 38.4 57.6

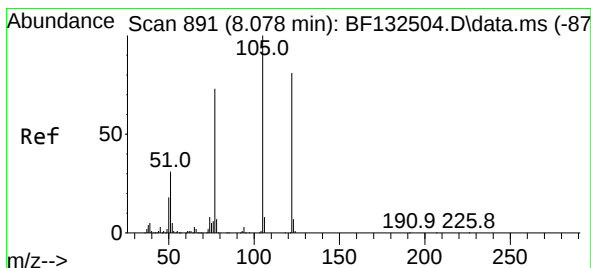
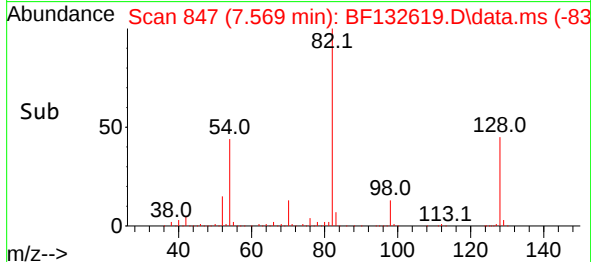
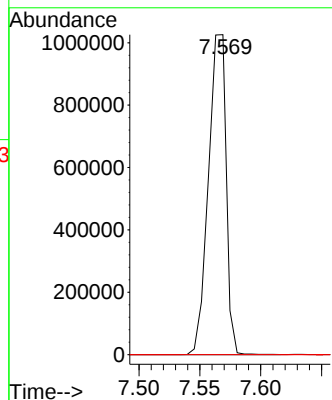
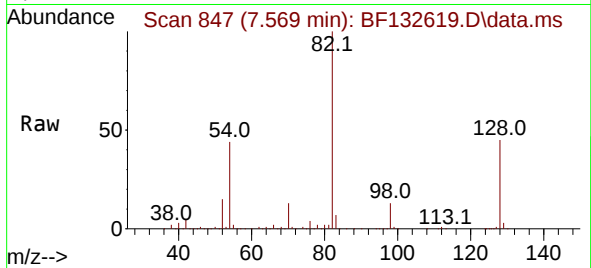




#25
Isophorone
Concen: 36.391 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.256 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

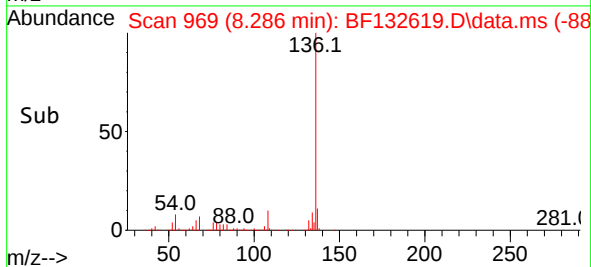
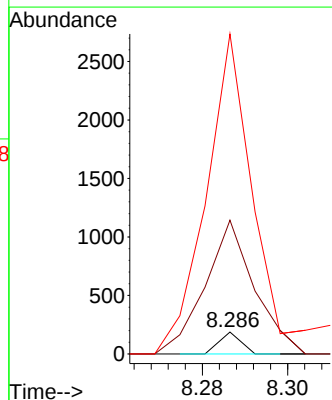
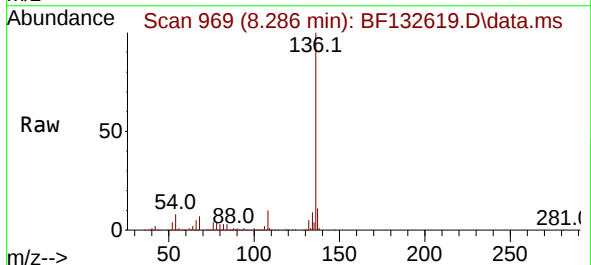
Instrument :
BNA_F
ClientSampleId :
CF-17

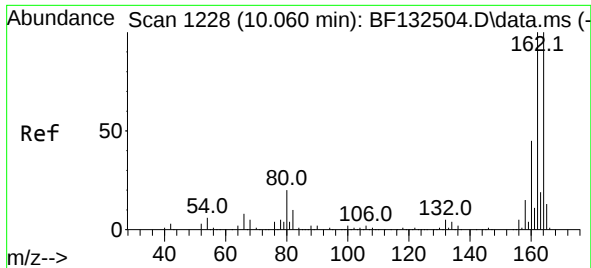
Tgt Ion: 82 Resp: 1048210
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.843 ng
RT: 8.286 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 611.2 102.6 142.6#
77 1462.6 70.2 110.2#

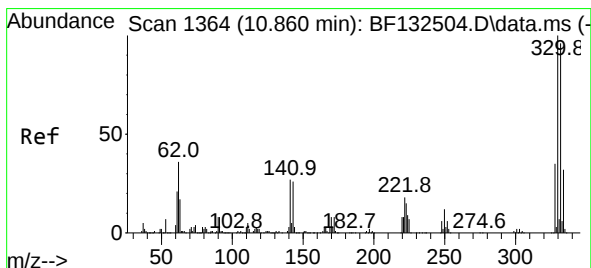
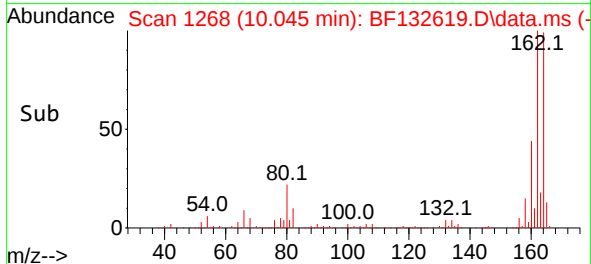
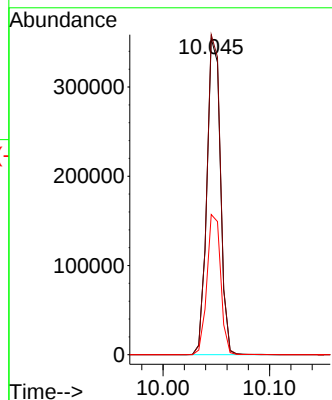
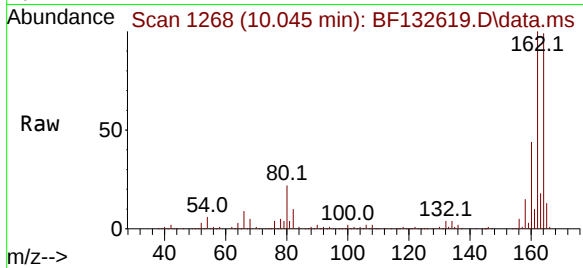




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

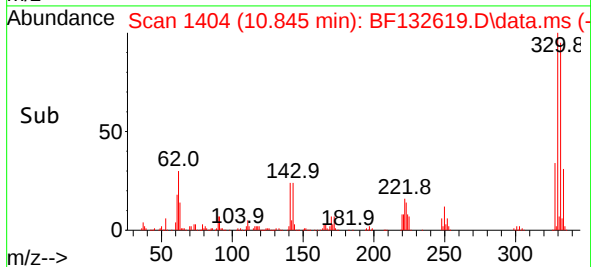
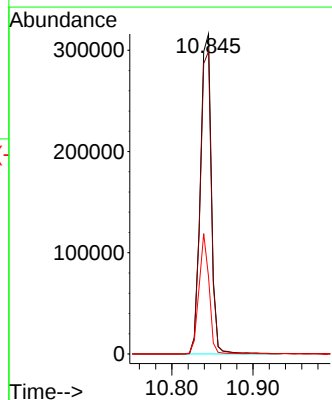
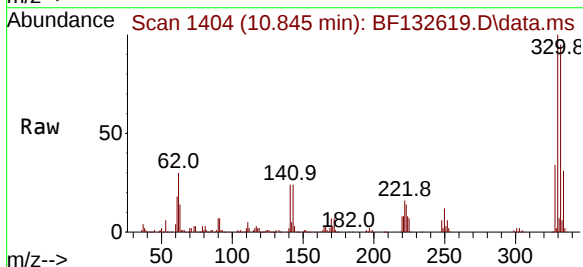
Instrument :
BNA_F
ClientSampleId :
CF-17

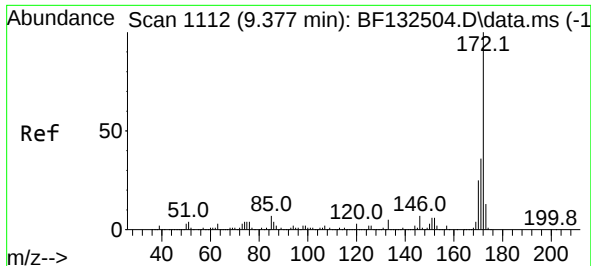
Tgt Ion:164 Resp: 314281
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 44.3 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 88.084 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion:330 Resp: 298967
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 34.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 73.539 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132619.D

Acq: 02 Mar 2023 21:21

Instrument :

BNA_F

ClientSampleId :

CF-17

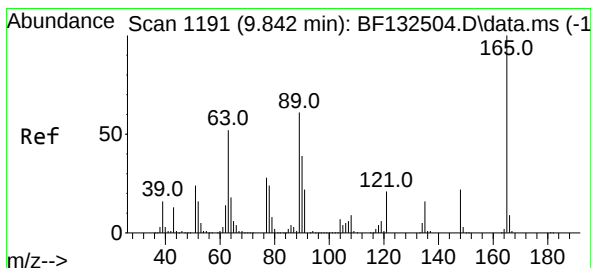
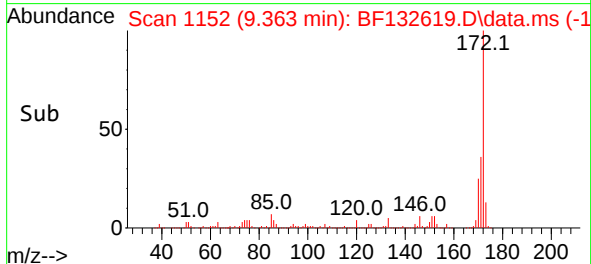
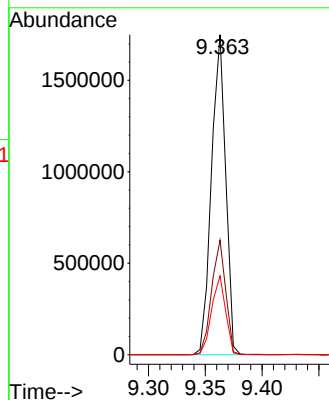
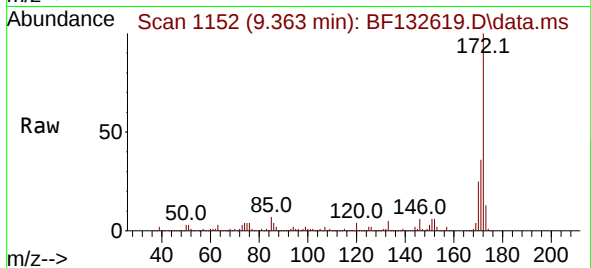
Tgt Ion:172 Resp: 1517864

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.6 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.863 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.209 min

Lab File: BF132619.D

Acq: 02 Mar 2023 21:21

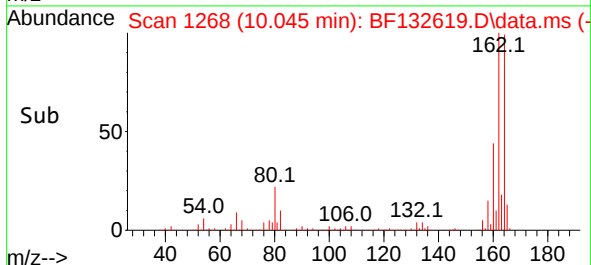
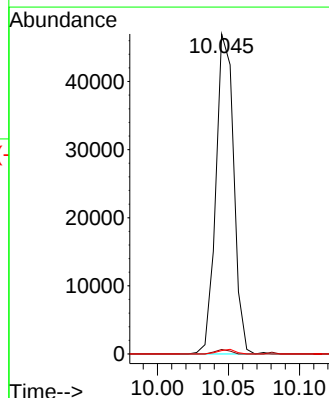
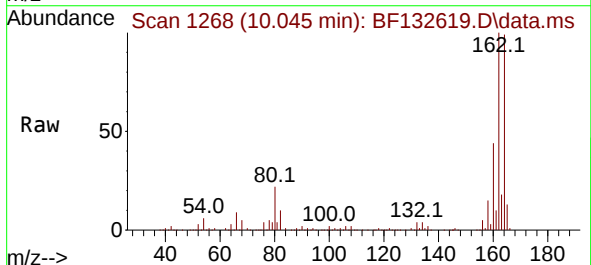
Tgt Ion:165 Resp: 40976

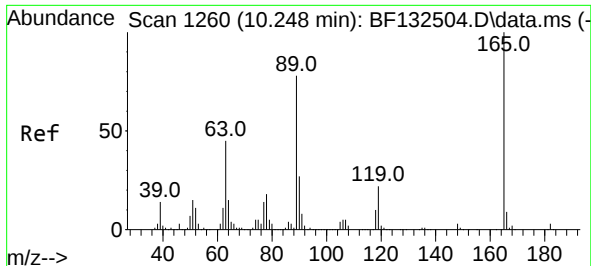
Ion Ratio Lower Upper

165 100

63 1.4 47.3 70.9#

89 1.1 48.9 73.3#

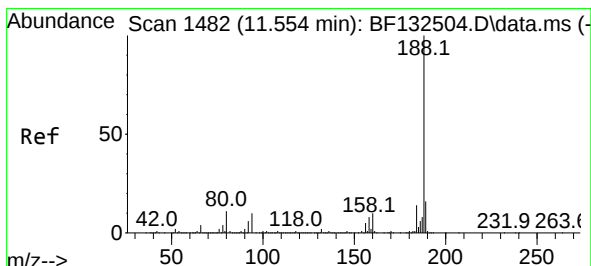
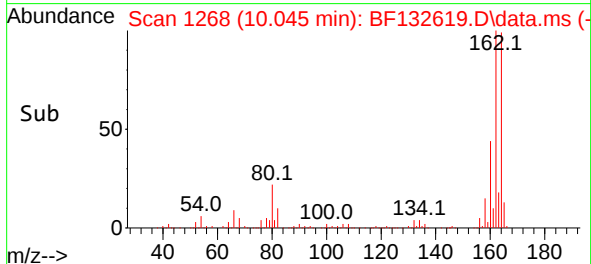
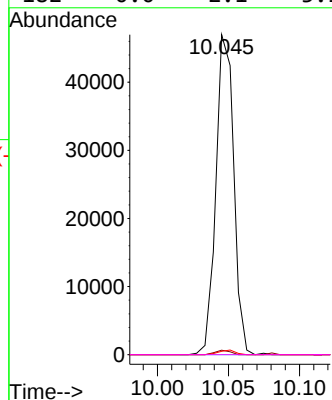
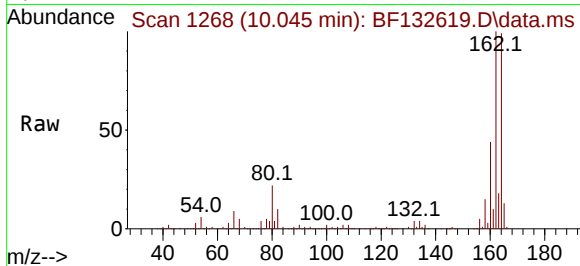




#57
2,4-Dinitrotoluene
Concen: 5.910 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

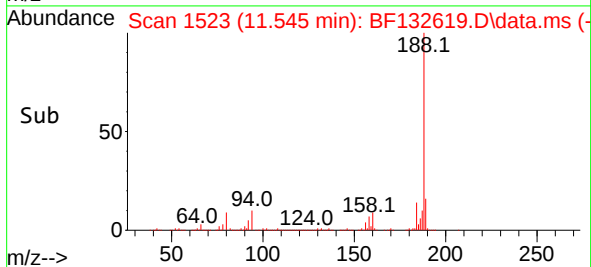
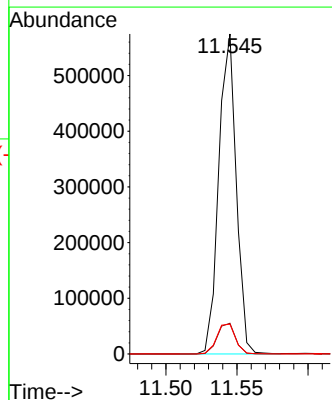
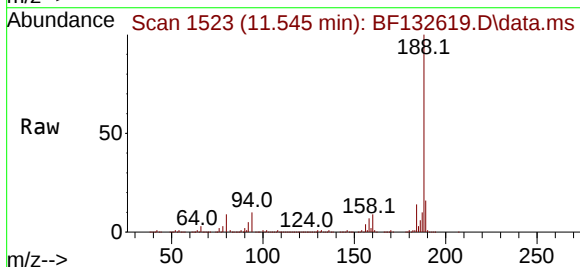
Instrument :
BNA_F
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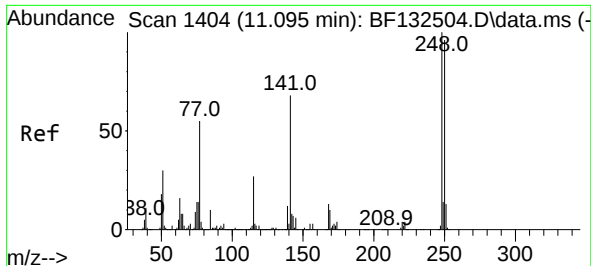
Tgt Ion:165 Resp: 40976
Ion Ratio Lower Upper
165 100
63 1.4 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion:188 Resp: 490640
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 9.3 8.7 13.1

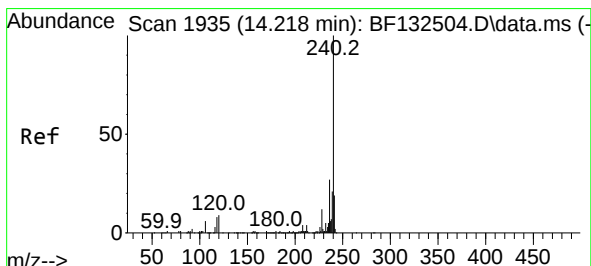
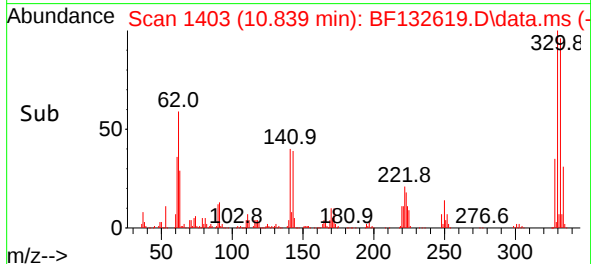
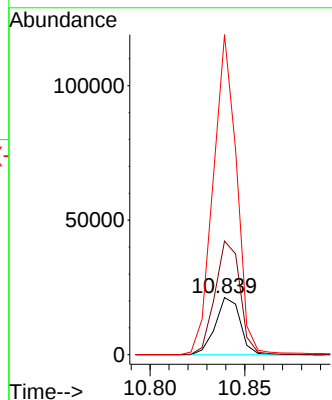
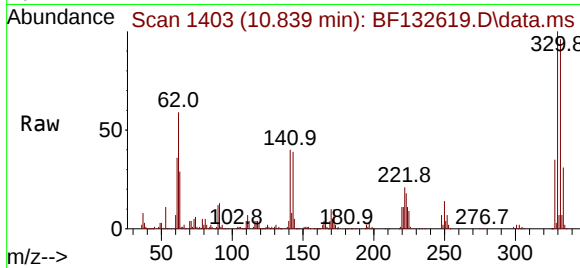




#67
4-Bromophenyl-phenylether
Concen: 3.467 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

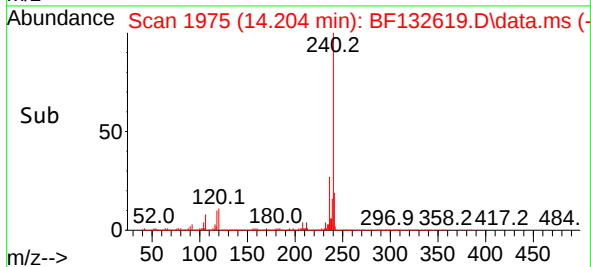
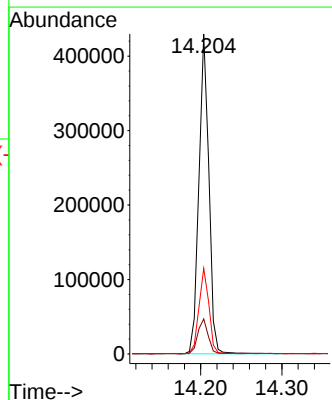
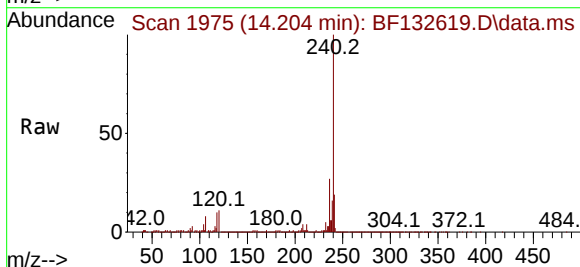
Instrument :
BNA_F
ClientSampleId :
CF-17

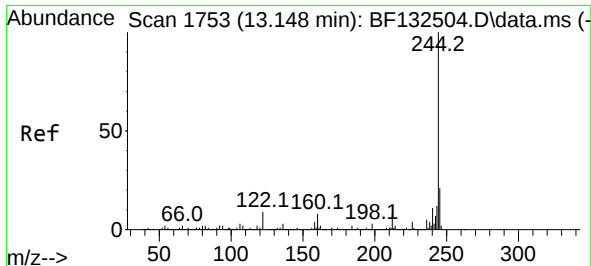
Tgt Ion:248 Resp: 19240
Ion Ratio Lower Upper
248 100
250 198.8 77.0 115.4#
141 559.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132619.D
Acq: 02 Mar 2023 21:21

Tgt Ion:240 Resp: 366768
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 26.7 21.8 32.6

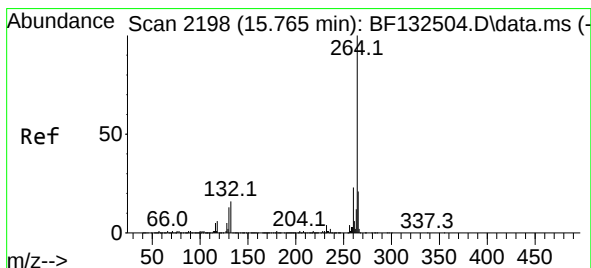
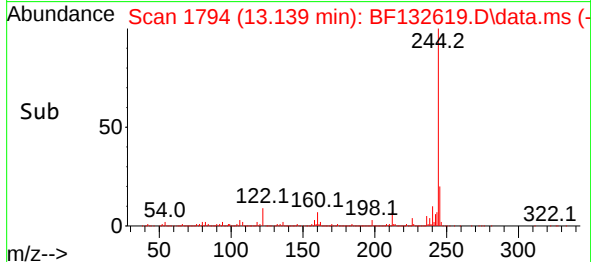
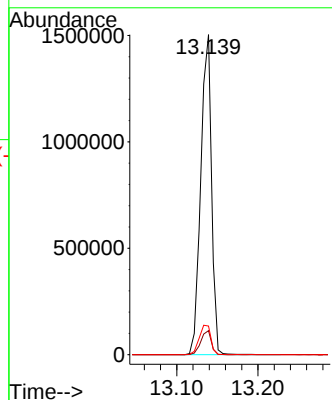
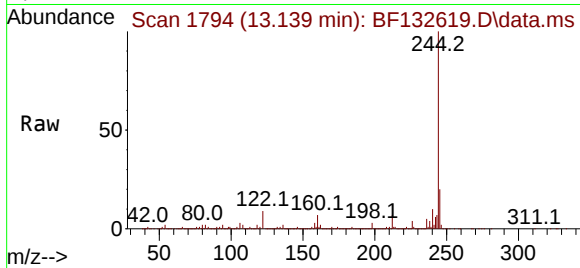




#79
 Terphenyl-d14
 Concen: 64.141 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132619.D
 Acq: 02 Mar 2023 21:21

Instrument :
 BNA_F
 ClientSampleId :
 CF-17

Tgt Ion:244 Resp: 1391393
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 9.0 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: BF132619.D
 Acq: 02 Mar 2023 21:21

Tgt Ion:264 Resp: 214973
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 22.7 17.1 25.7

