

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
 Data File : BF132617.D
 Acq On : 02 Mar 2023 20:18
 Operator : CG\JU
 Sample : 01749-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-15

Quant Time: Mar 03 00:38:54 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)

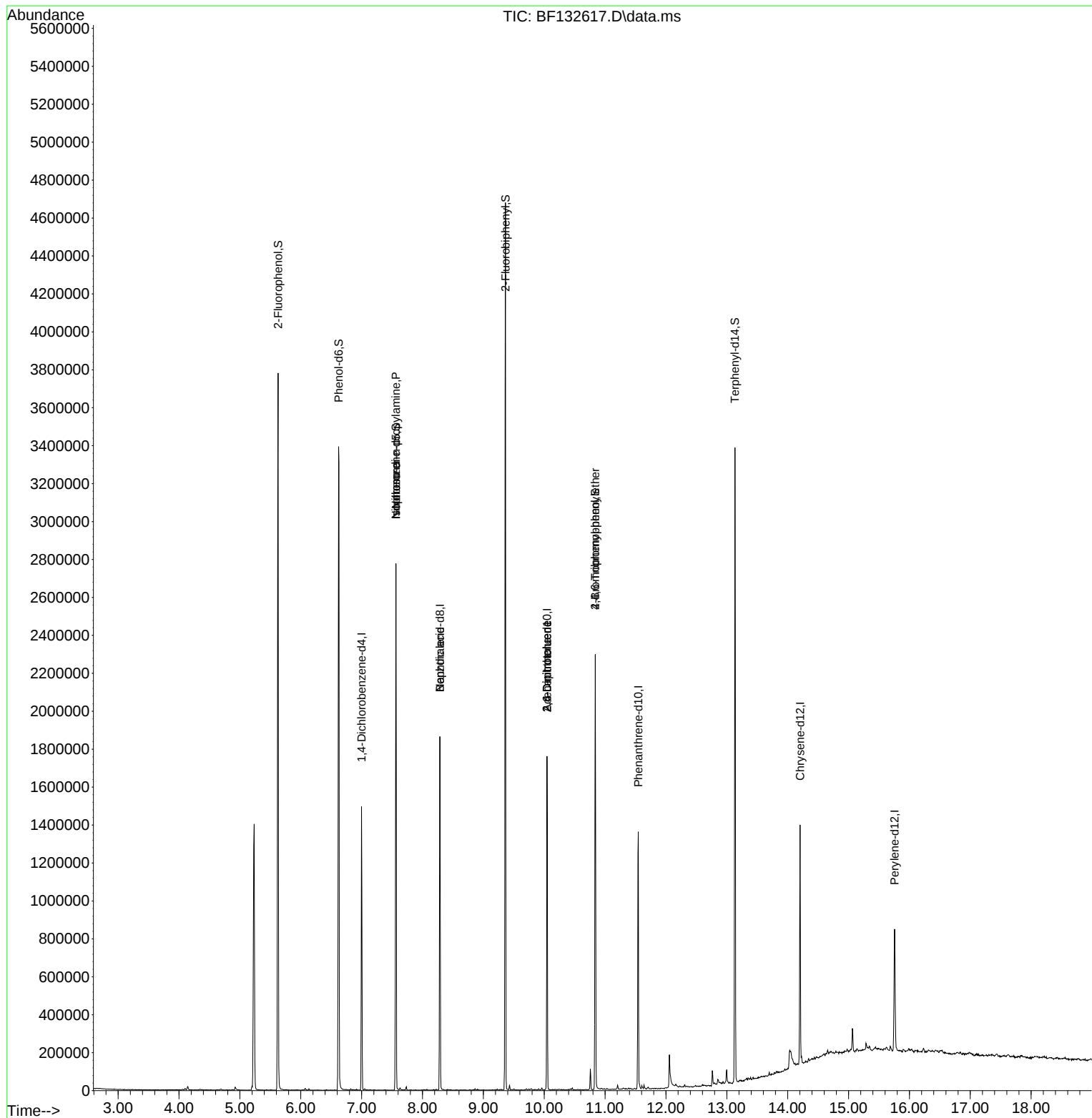
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	206633	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	737384	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	337055	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	509185	20.000	ng	0.00
76) Chrysene-d12	14.204	240	389324	20.000	ng	0.00
86) Perylene-d12	15.757	264	307891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1049116	82.401	ng	0.00
7) Phenol-d6	6.622	99	1355946	81.604	ng	-0.01
23) Nitrobenzene-d5	7.563	82	872367	56.129	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	250717	68.877	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1334177	60.272	ng	0.00
79) Terphenyl-d14	13.133	244	1150532	49.965	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	115793	11.323	ng	# 76
25) Isophorone	7.563	82	872353	29.276	ng	# 67
32) Benzoic acid	8.287	122	121	3.848	ng	# 1
51) 2,6-Dinitrotoluene	10.045	165	42646	7.630	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	42646	5.735	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	16118	2.798	ng	# 1

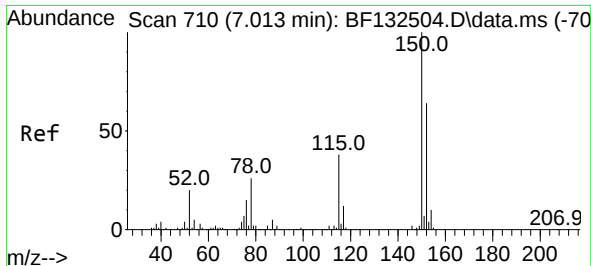
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030223\
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Operator : CG\JU
Sample : 01749-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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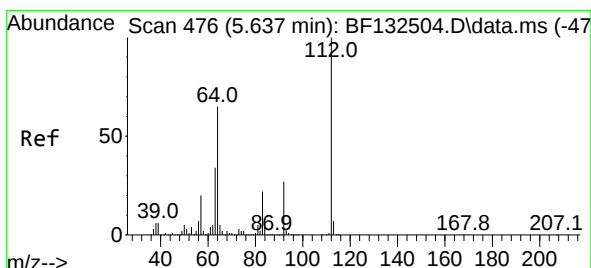
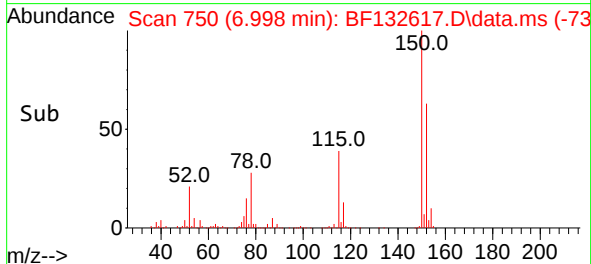
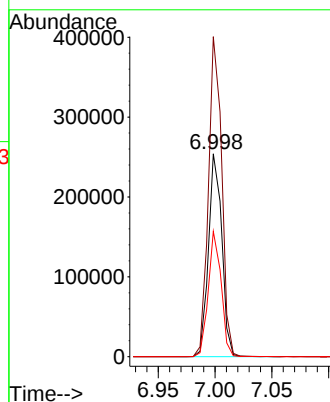
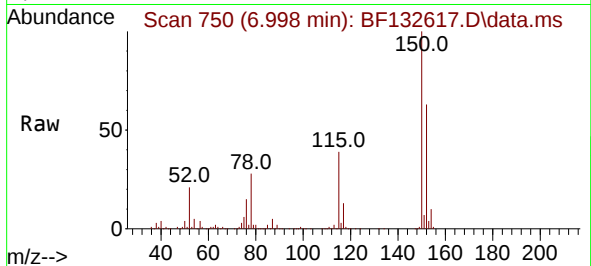




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 710
 Delta R.T. -0.009 min
 Lab File: BF132617.D
 Acq: 02 Mar 2023 20:18

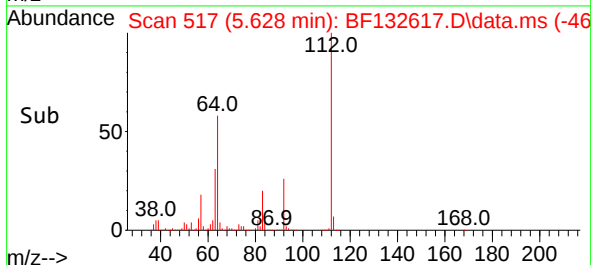
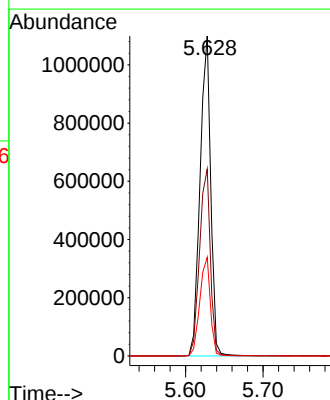
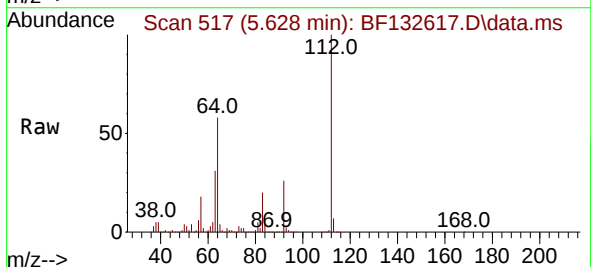
Instrument :
 BNA_F
 ClientSampleId :
 CF-15

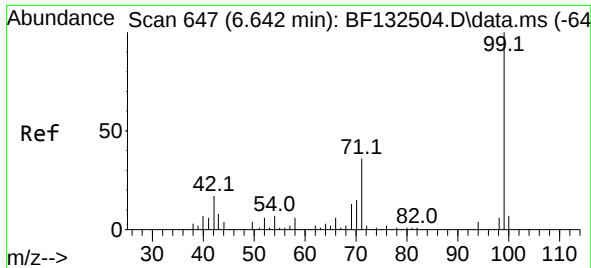
Tgt Ion:152 Resp: 206633
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.4 188.2
 115 61.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 82.401 ng
 RT: 5.628 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: BF132617.D
 Acq: 02 Mar 2023 20:18

Tgt Ion:112 Resp: 1049116
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.6 77.4
 63 30.9 27.4 41.2

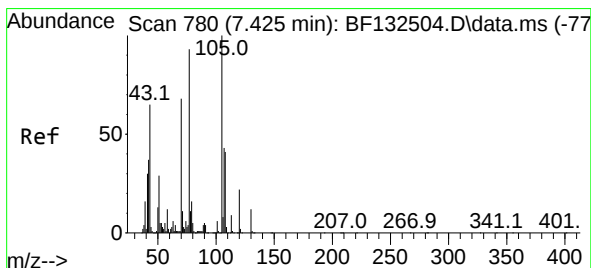
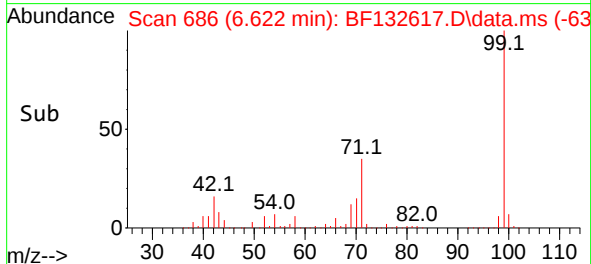
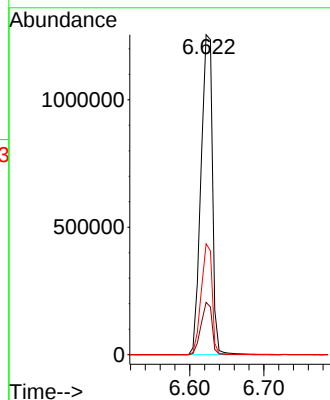
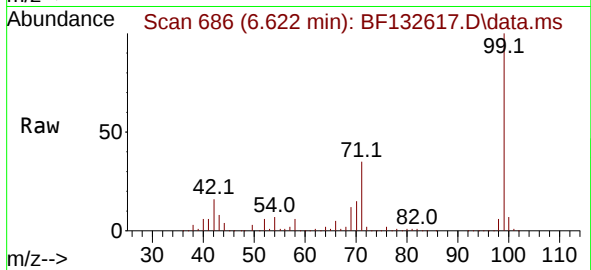




#7
Phenol-d6
Concen: 81.604 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

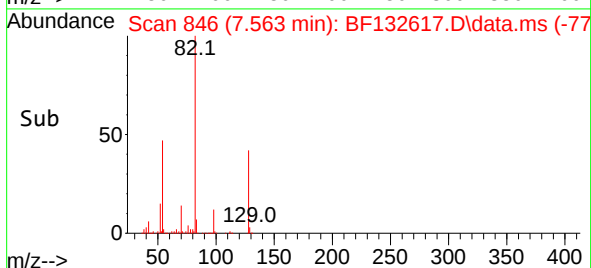
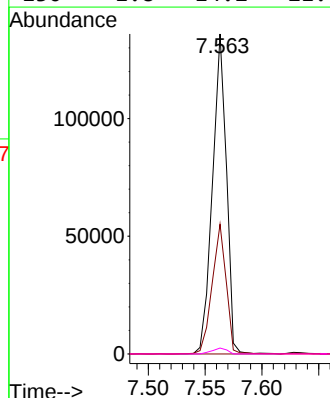
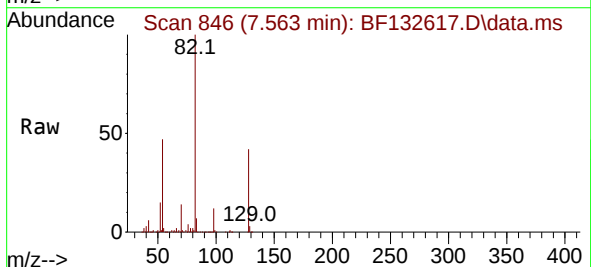
Instrument :
BNA_F
ClientSampleId :
CF-15

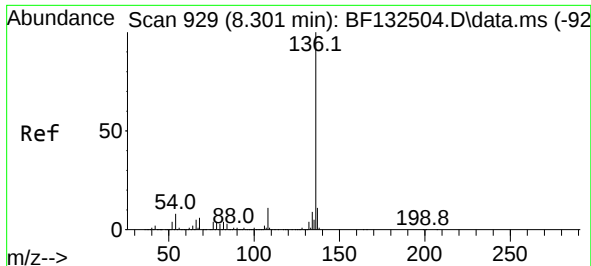
Tgt Ion: 99 Resp: 1355946
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 34.6 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.323 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion: 70 Resp: 115793
Ion Ratio Lower Upper
70 100
42 40.6 44.1 66.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#

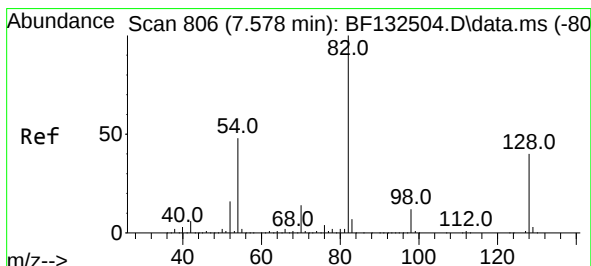
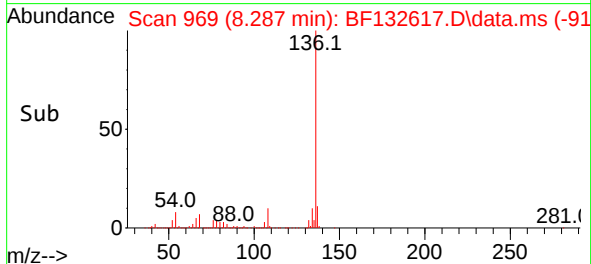
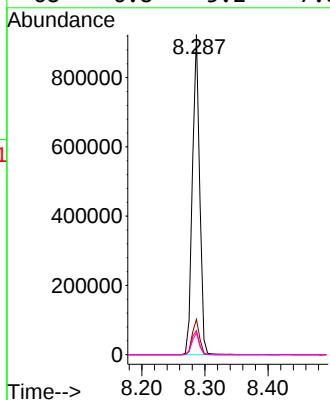
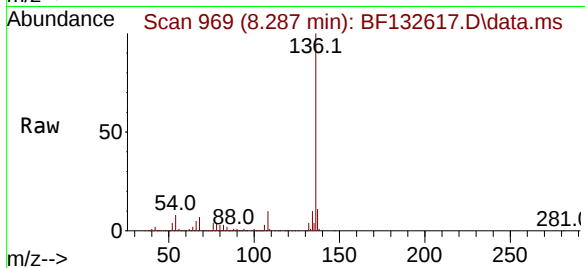




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

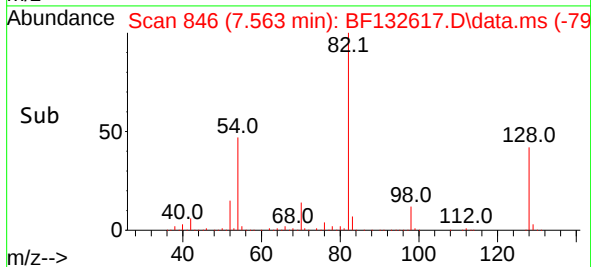
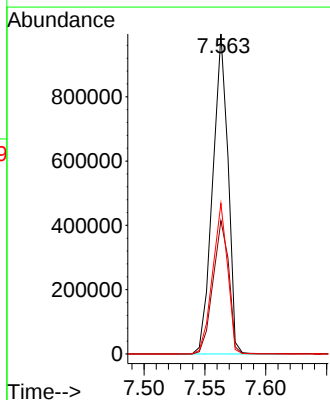
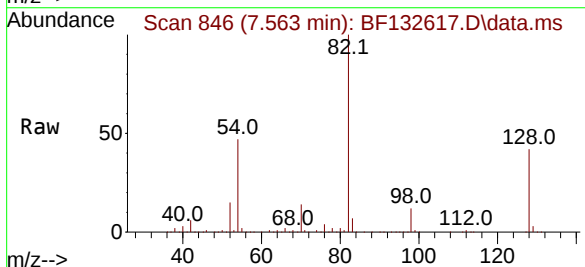
Instrument :
BNA_F
ClientSampleId :
CF-15

Tgt Ion:136 Resp: 737384
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 56.129 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion: 82 Resp: 872367
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 47.0 38.4 57.6

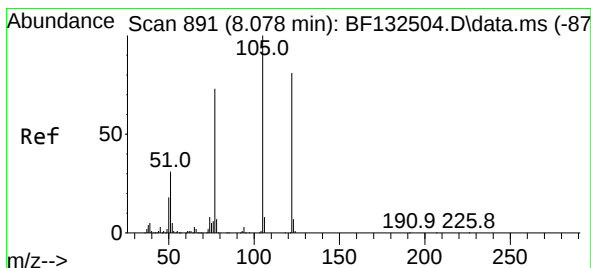
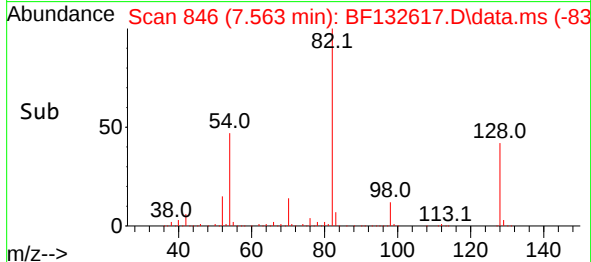
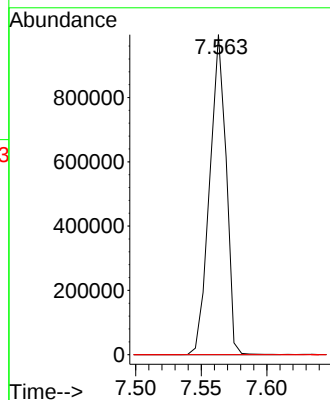
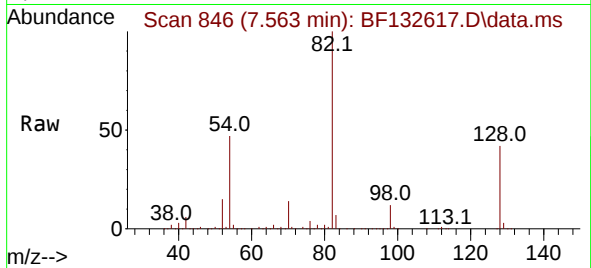




#25
Isophorone
Concen: 29.276 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

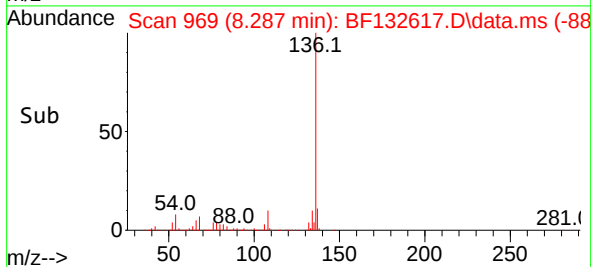
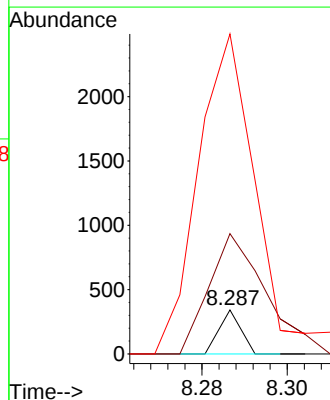
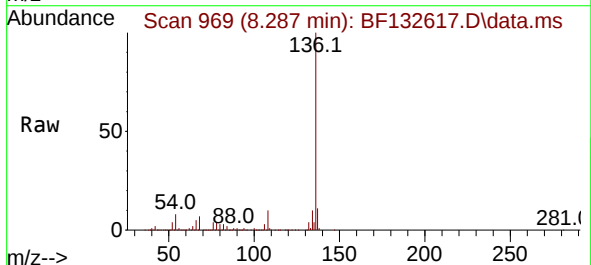
Instrument :
BNA_F
ClientSampleId :
CF-15

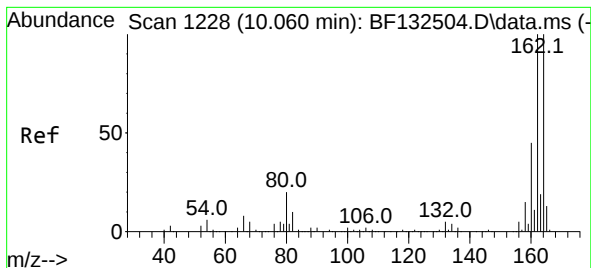
Tgt Ion: 82 Resp: 872353
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.848 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 273.4 102.6 142.6#
77 727.2 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132617.D

Acq: 02 Mar 2023 20:18

Instrument :

BNA_F

ClientSampleId :

CF-15

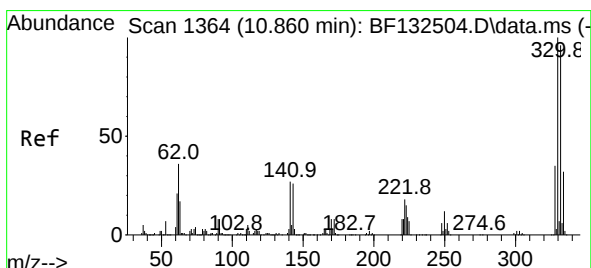
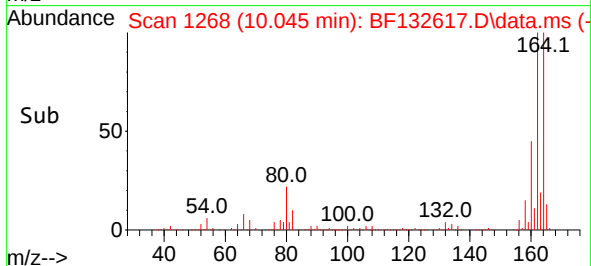
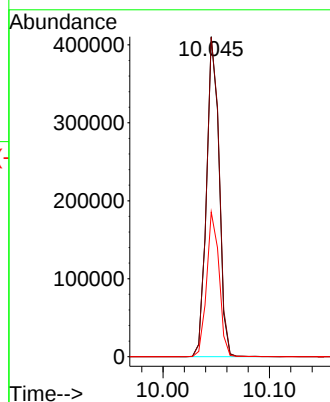
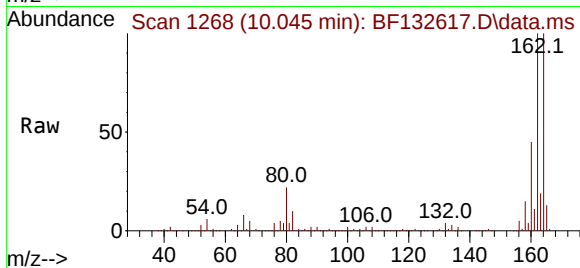
Tgt Ion:164 Resp: 337055

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

160 45.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 68.877 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132617.D

Acq: 02 Mar 2023 20:18

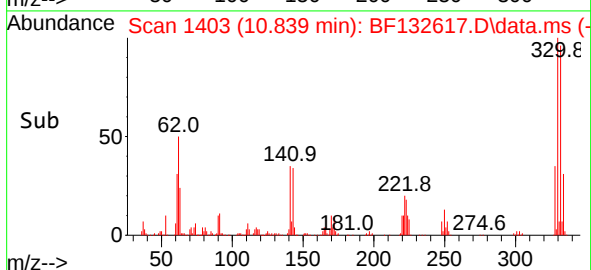
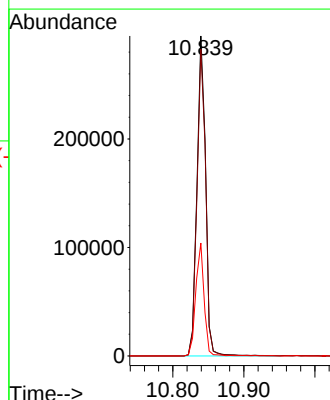
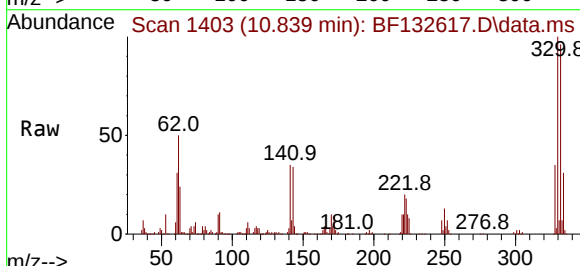
Tgt Ion:330 Resp: 250717

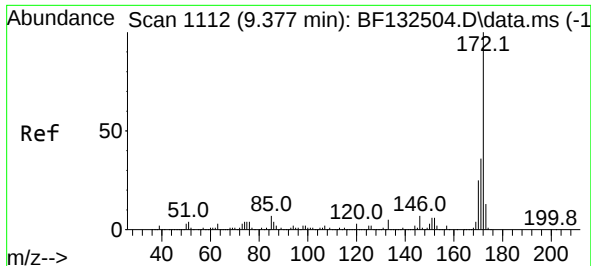
Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 34.3 28.4 42.6

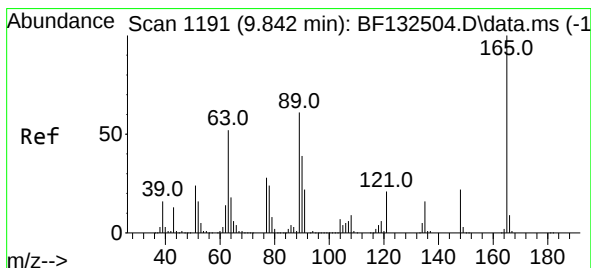
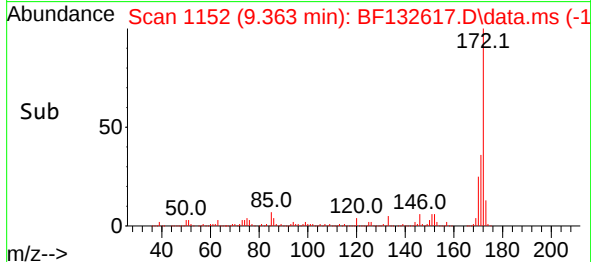
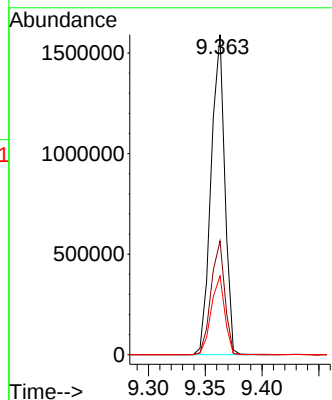
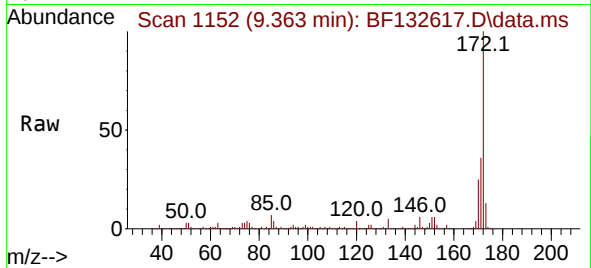




#45
2-Fluorobiphenyl
Concen: 60.272 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

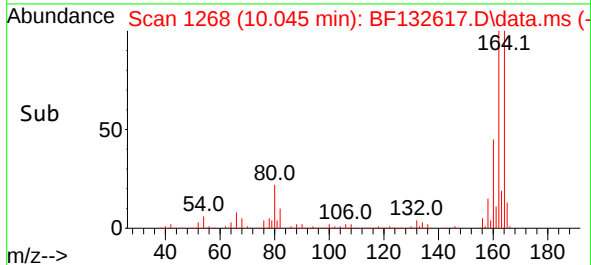
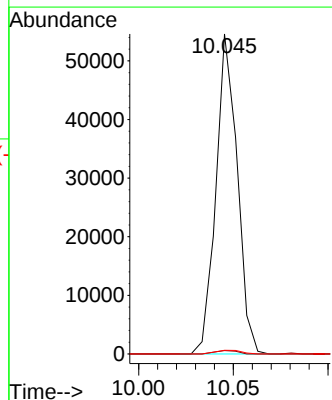
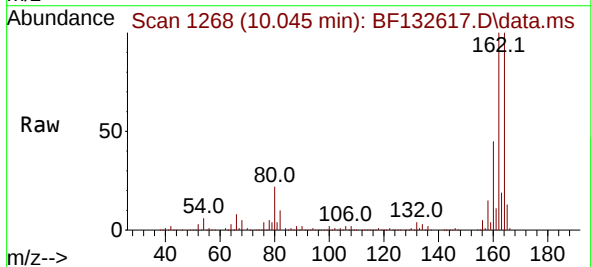
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CF-15

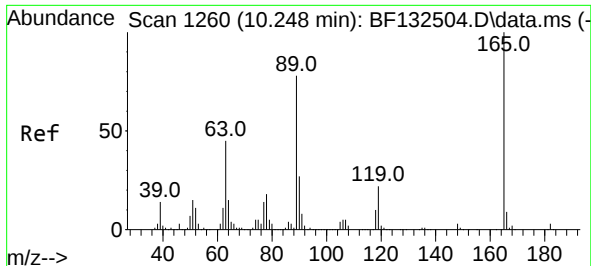
Tgt Ion:172 Resp: 1334177
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.6 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion:165 Resp: 42646
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.2 48.9 73.3#

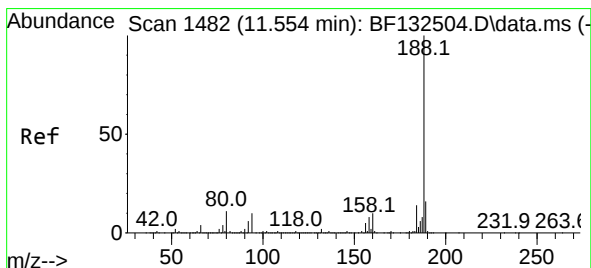
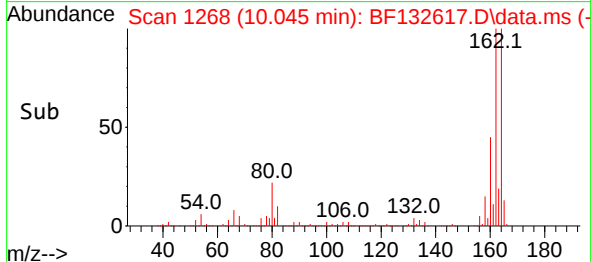
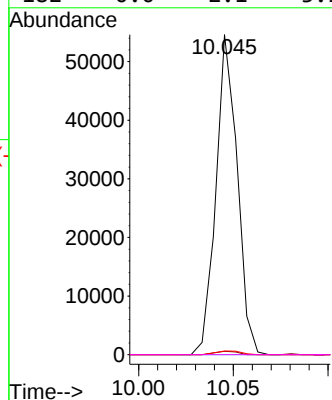
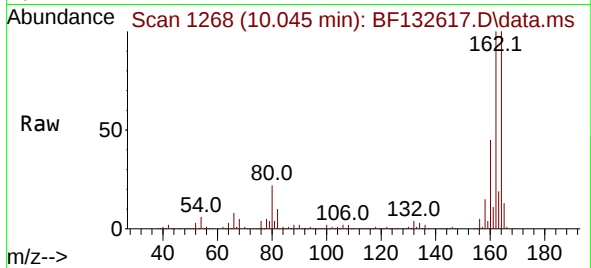




#57
2,4-Dinitrotoluene
Concen: 5.735 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

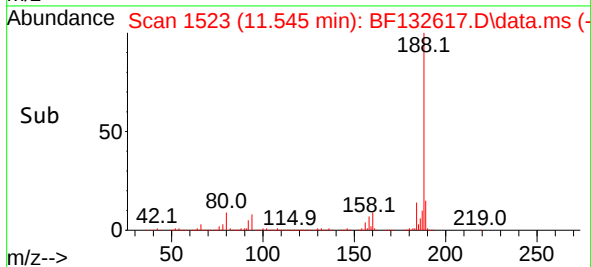
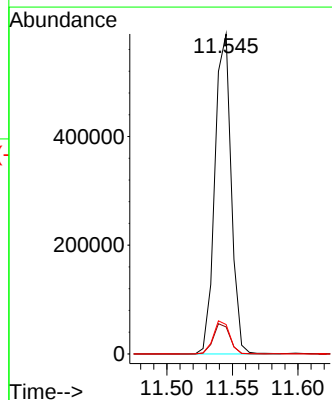
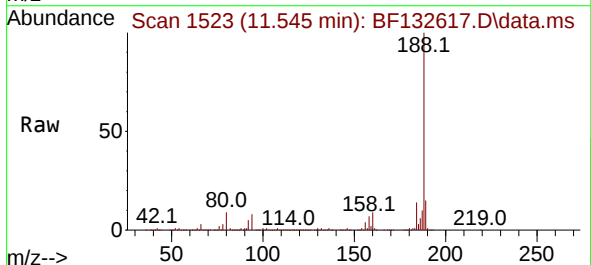
Instrument :
BNA_F
ClientSampleId :
CF-15

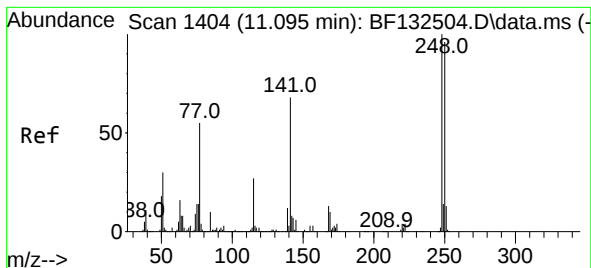
Tgt Ion:165 Resp: 42646
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion:188 Resp: 509185
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.2 8.7 13.1

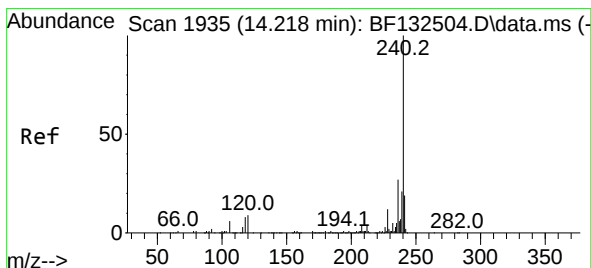
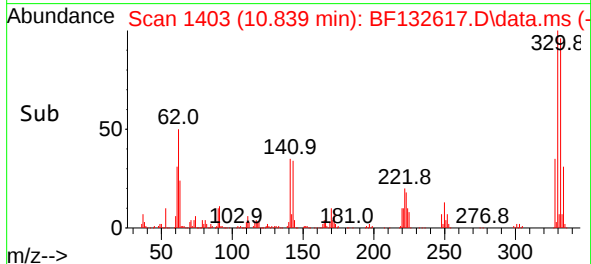
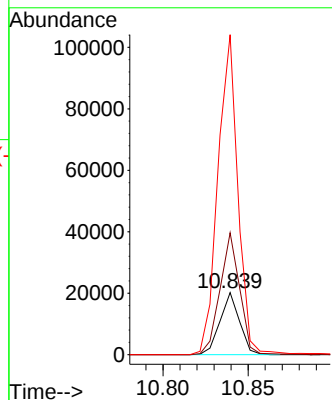
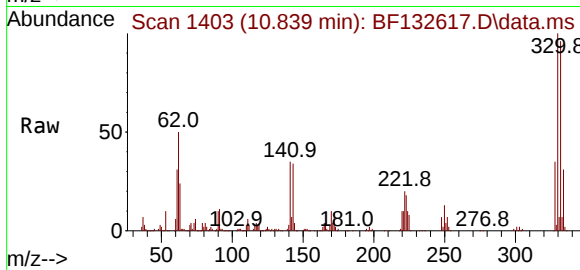




#67
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

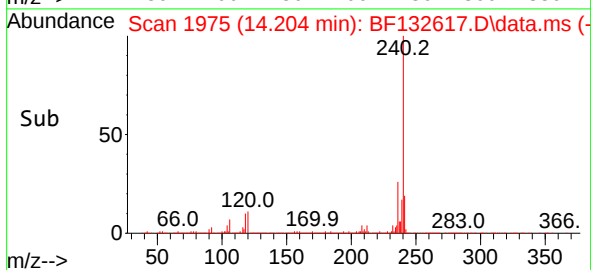
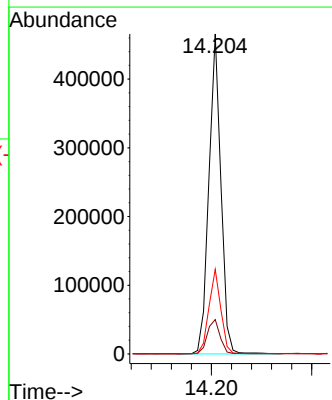
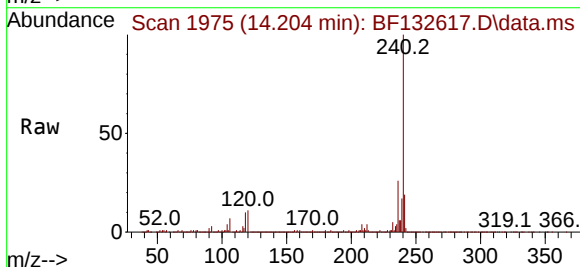
Instrument :
BNA_F
ClientSampleId :
CF-15

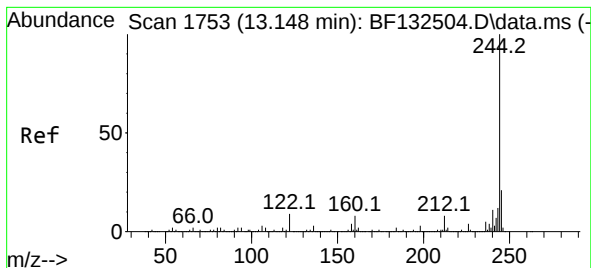
Tgt Ion:248 Resp: 16118
Ion Ratio Lower Upper
248 100
250 196.3 77.0 115.4#
141 515.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132617.D
Acq: 02 Mar 2023 20:18

Tgt Ion:240 Resp: 389324
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 49.965 ng

RT: 13.133 min Scan# 11

Delta R.T. -0.009 min

Lab File: BF132617.D

Acq: 02 Mar 2023 20:18

Instrument :

BNA_F

ClientSampleId :

CF-15

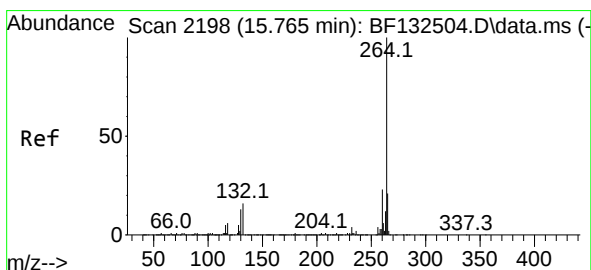
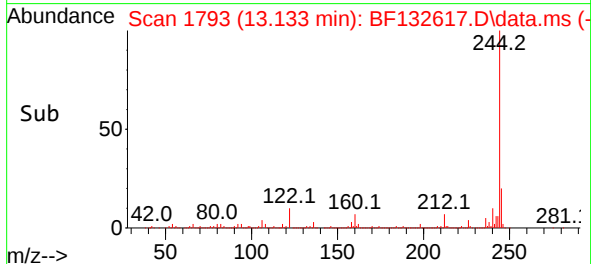
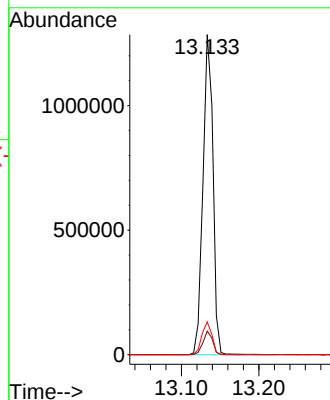
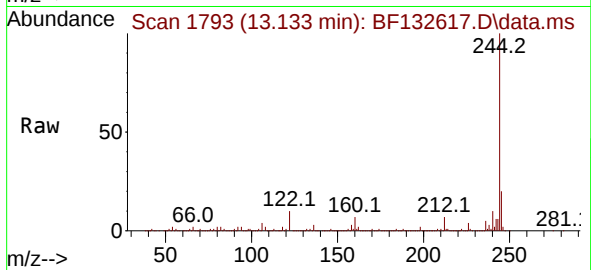
Tgt Ion:244 Resp: 1150532

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 10.3 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: BF132617.D

Acq: 02 Mar 2023 20:18

Tgt Ion:264 Resp: 307891

Ion Ratio Lower Upper

264 100

260 24.9 18.8 28.2

265 21.5 17.1 25.7

