

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132655.D
 Acq On : 06 Mar 2023 18:37
 Operator : CG\JU
 Sample : 01767-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CE-63-030123

Quant Time: Mar 07 00:57:02 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)

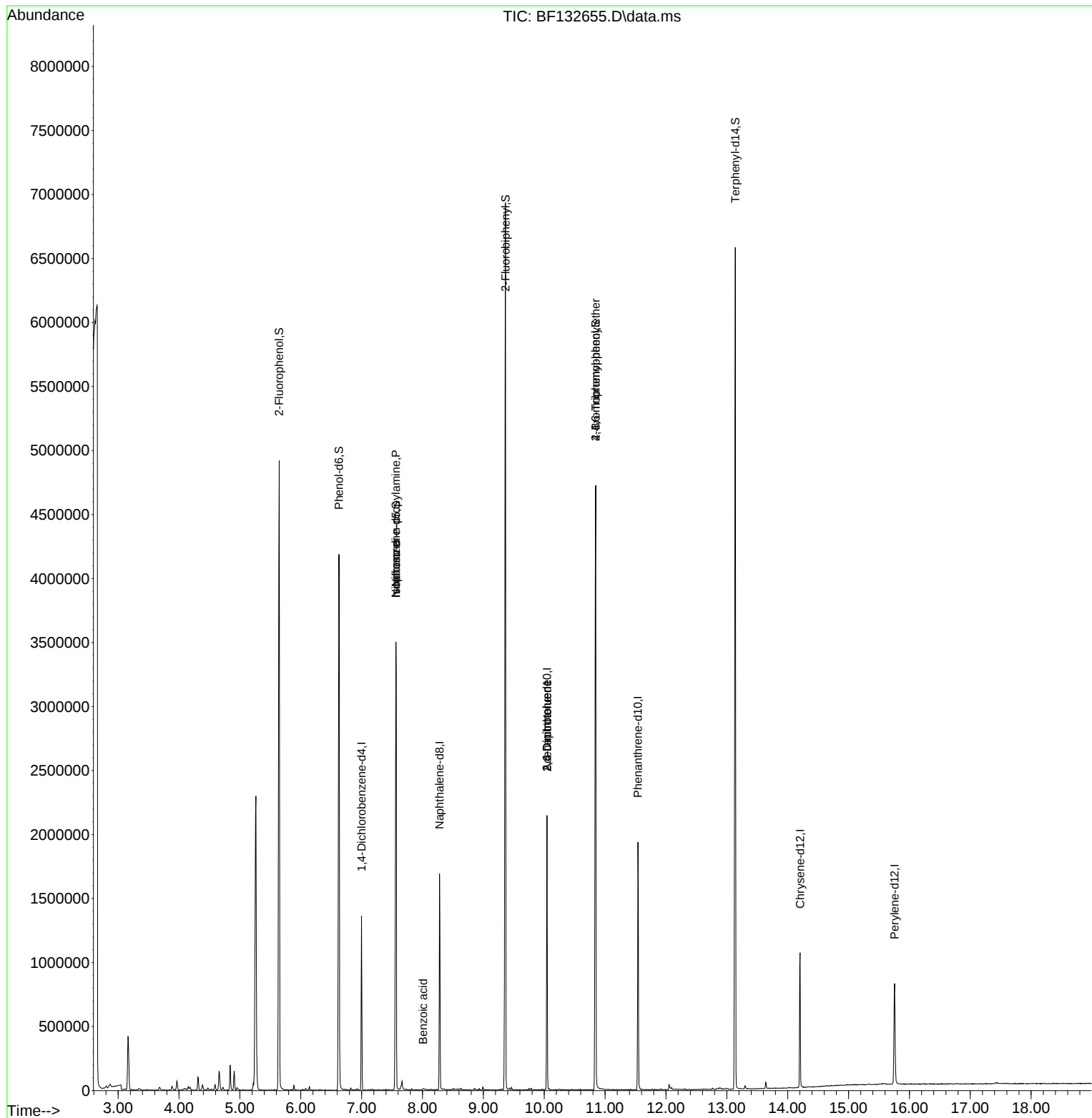
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	187232	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	717692	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	393795	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	719997	20.000	ng	0.00
76) Chrysene-d12	14.204	240	365453	20.000	ng	0.00
86) Perylene-d12	15.757	264	402841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1504496	130.413	ng	0.01
7) Phenol-d6	6.628	99	1805679	119.931	ng	0.00
23) Nitrobenzene-d5	7.563	82	1460846	96.572	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	633617	148.988	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2285993	88.391	ng	0.00
79) Terphenyl-d14	13.139	244	2529470	117.024	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	196403	21.196	ng	# 76
25) Isophorone	7.563	82	1460835	50.370	ng	# 67
32) Benzoic acid	8.010	122	2410	4.086	ng	# 86
51) 2,6-Dinitrotoluene	10.045	165	50718	7.767	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	50718	5.838	ng	# 21
67) 4-Bromophenyl-phenylether	10.845	248	40501	4.973	ng	# 1

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

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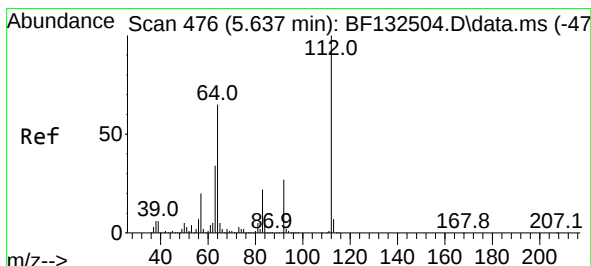
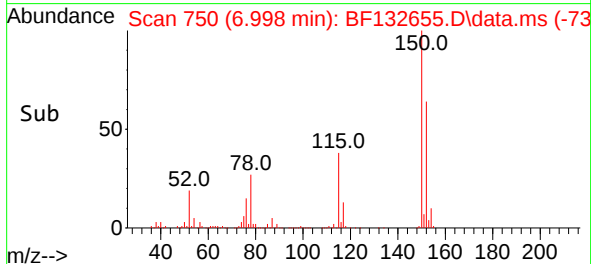
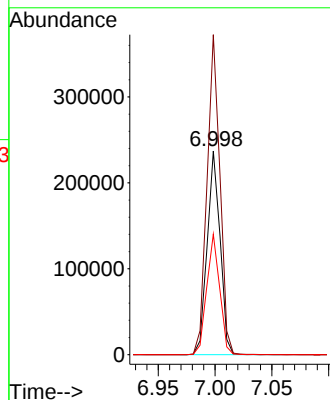
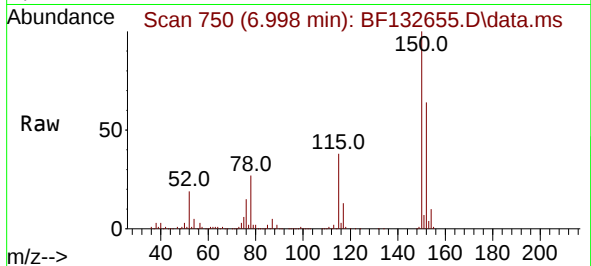




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

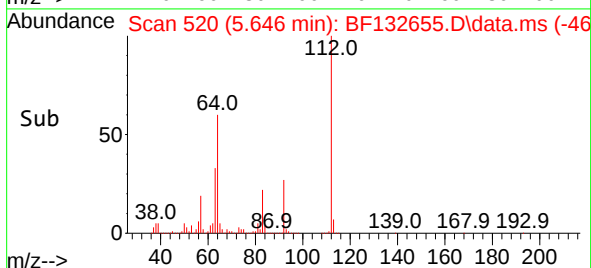
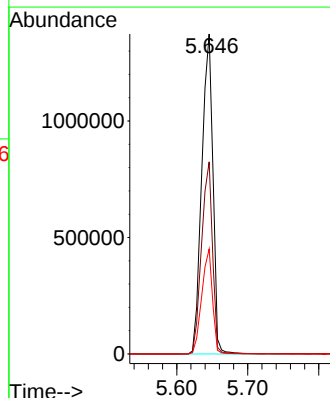
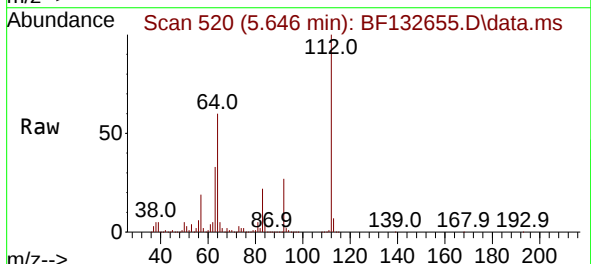
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

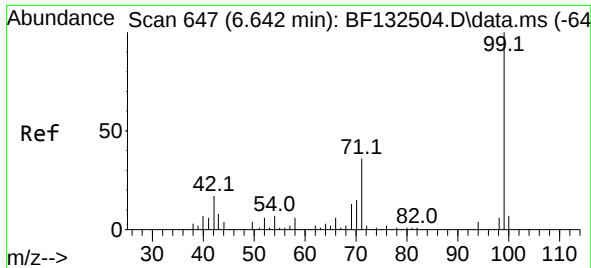
Tgt Ion:152 Resp: 187232
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 59.1 47.8 71.6



#5
2-Fluorophenol
Concen: 130.413 ng
RT: 5.646 min Scan# 520
Delta R.T. 0.015 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:112 Resp: 1504496
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 32.8 27.4 41.2

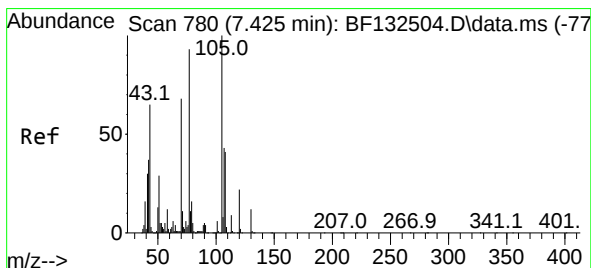
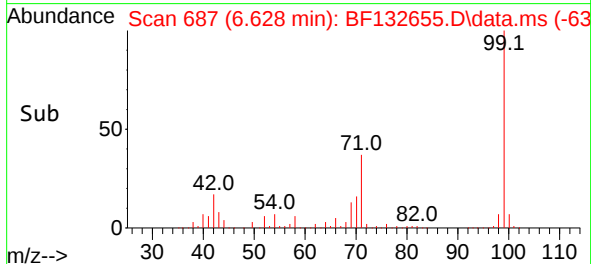
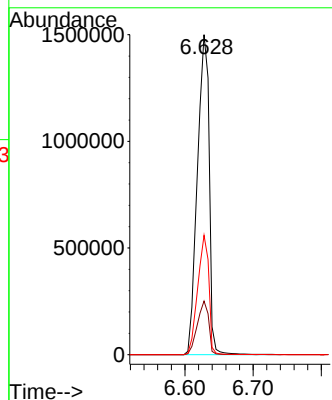
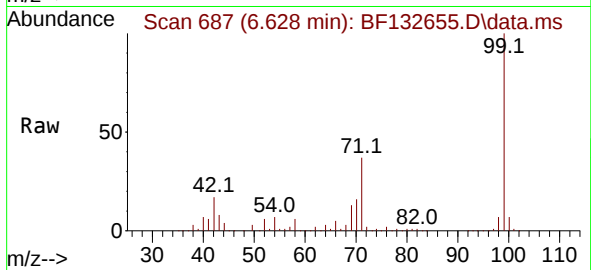




#7
Phenol-d6
Concen: 119.931 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

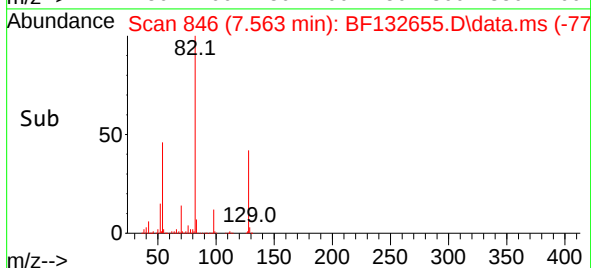
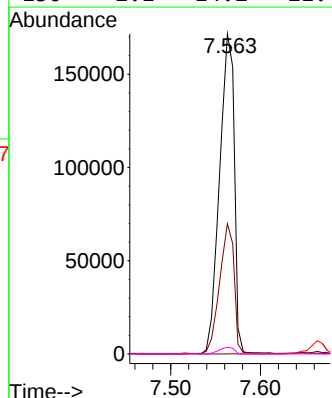
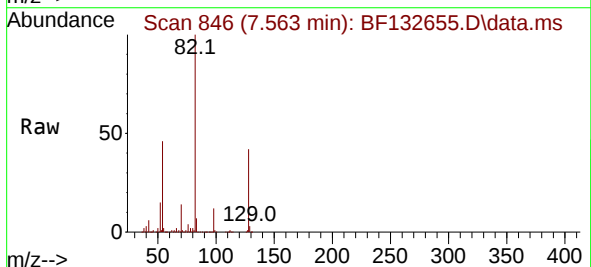
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

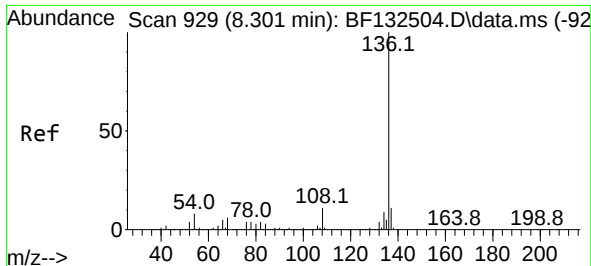
Tgt Ion: 99 Resp: 1805679
Ion Ratio Lower Upper
99 100
42 16.8 13.9 20.9
71 37.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 21.196 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion: 70 Resp: 196403
Ion Ratio Lower Upper
70 100
42 40.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

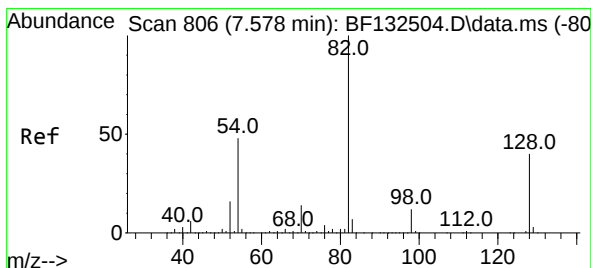
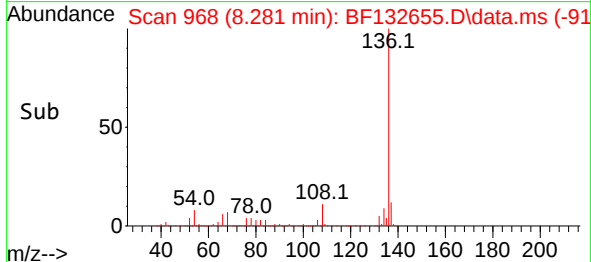
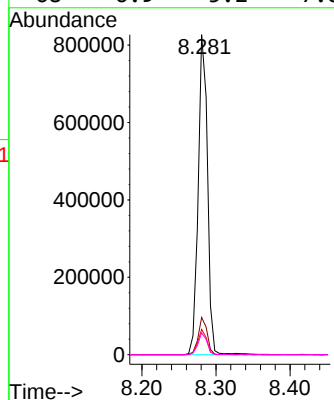
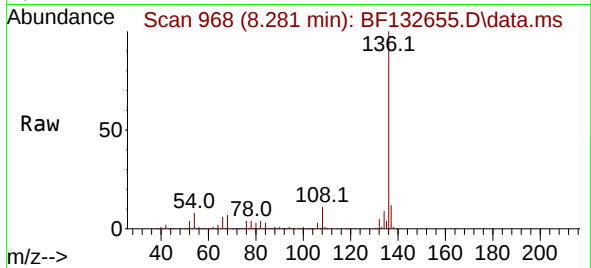




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 91
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

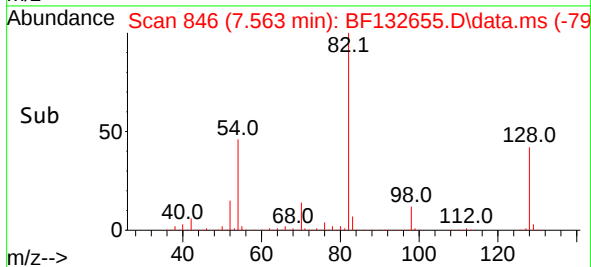
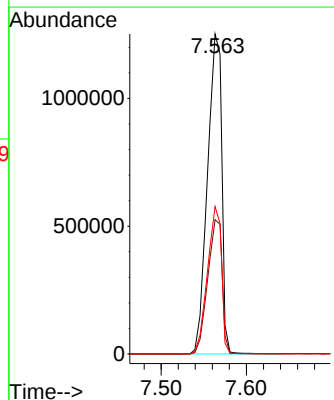
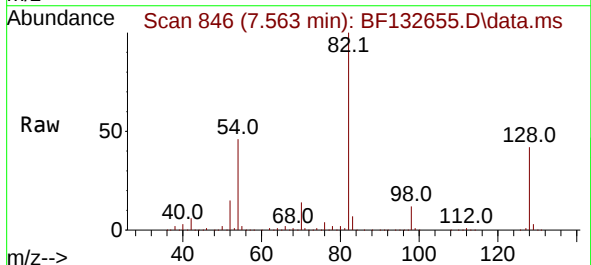
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

Tgt Ion:136 Resp: 717692
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.9 6.2 9.4
68 6.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 96.572 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion: 82 Resp: 1460846
Ion Ratio Lower Upper
82 100
128 42.0 32.2 48.2
54 46.0 38.4 57.6

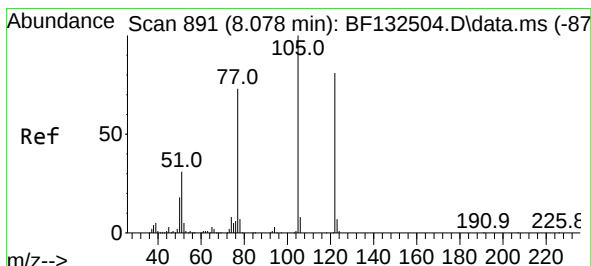
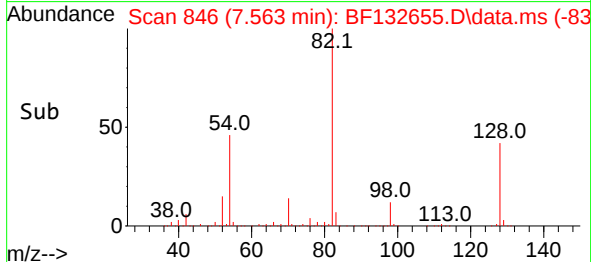
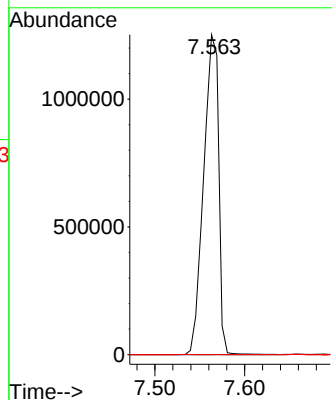
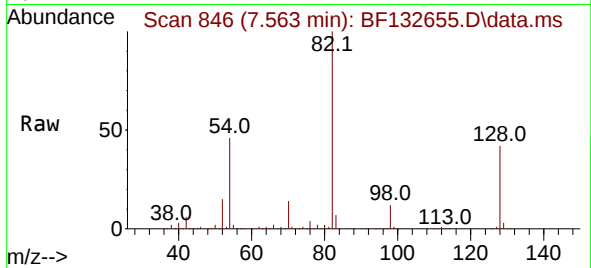




#25
Isophorone
Concen: 50.370 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

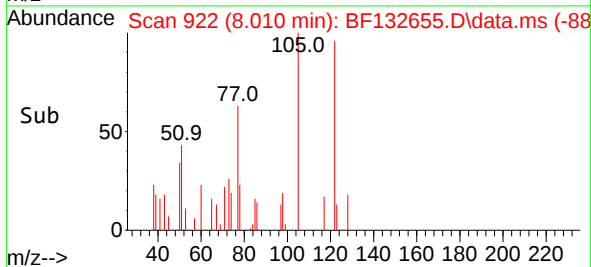
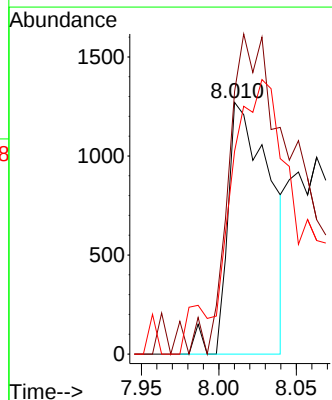
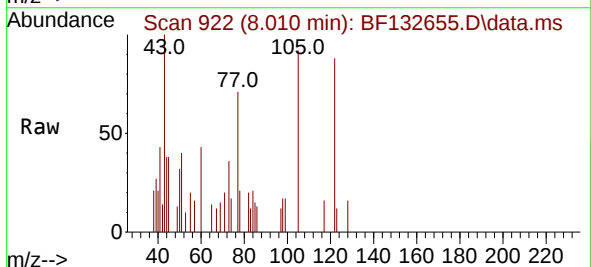
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

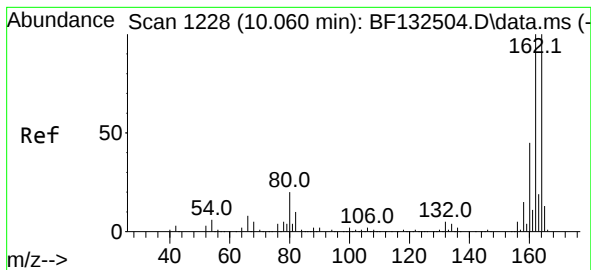
Tgt Ion: 82 Resp: 1460835
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.086 ng
RT: 8.010 min Scan# 922
Delta R.T. -0.056 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:122 Resp: 2410
Ion Ratio Lower Upper
122 100
105 104.4 102.6 142.6
77 80.7 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: BF132655.D

Acq: 06 Mar 2023 18:37

Instrument :

BNA_F

ClientSampleId :

CE-63-030123

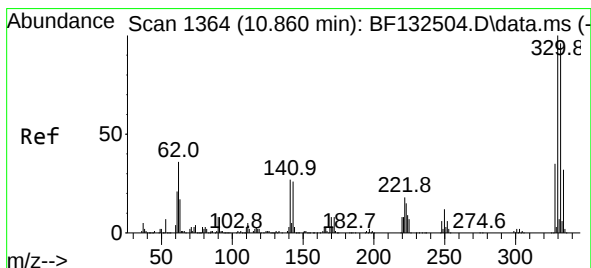
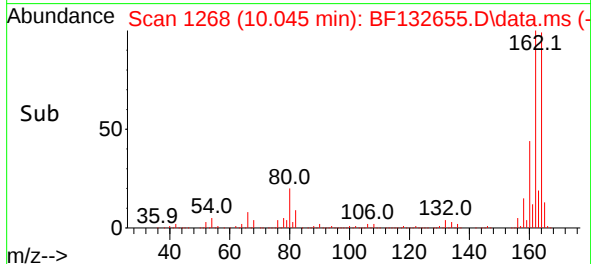
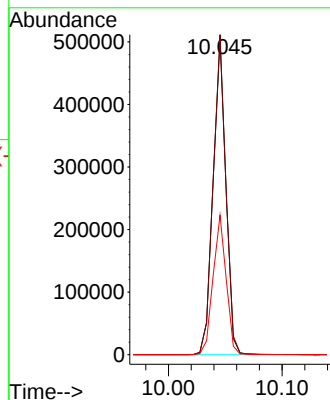
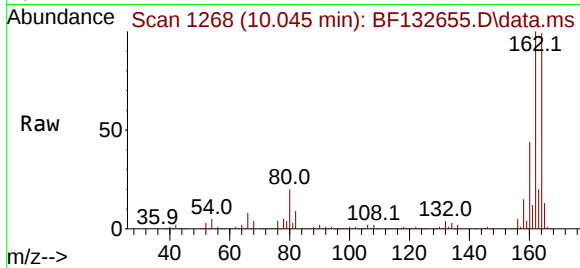
Tgt Ion:164 Resp: 393795

Ion Ratio Lower Upper

164 100

162 101.4 79.8 119.8

160 44.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 148.988 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132655.D

Acq: 06 Mar 2023 18:37

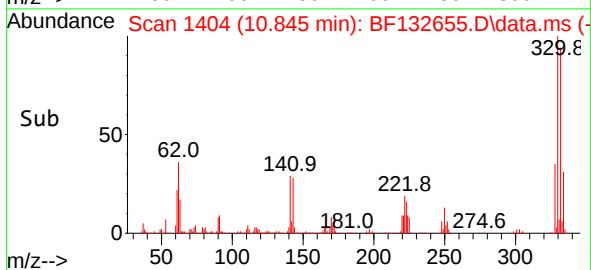
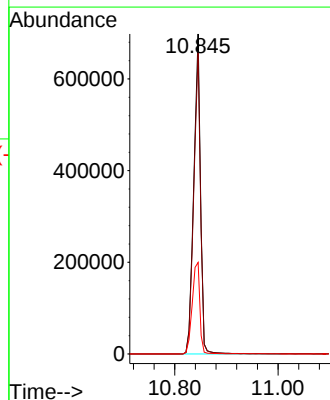
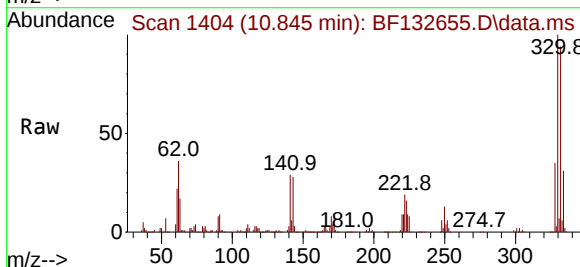
Tgt Ion:330 Resp: 633617

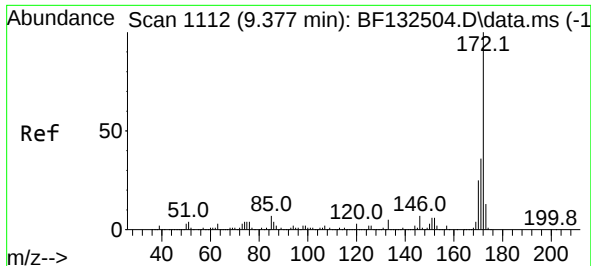
Ion Ratio Lower Upper

330 100

332 94.7 76.2 114.4

141 32.2 28.4 42.6

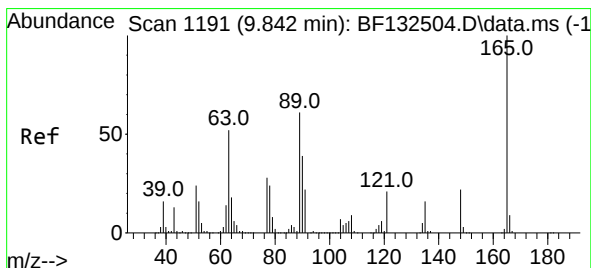
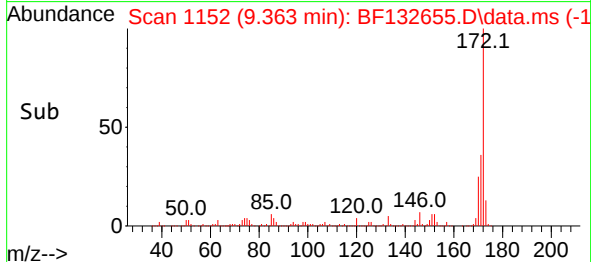
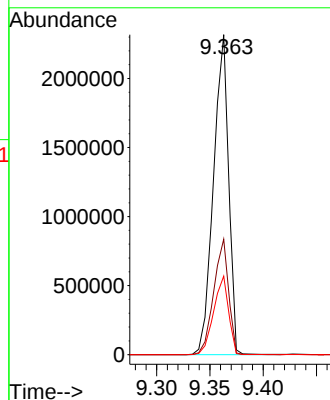
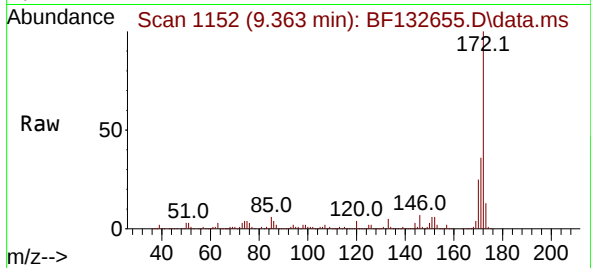




#45
2-Fluorobiphenyl
Concen: 88.391 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

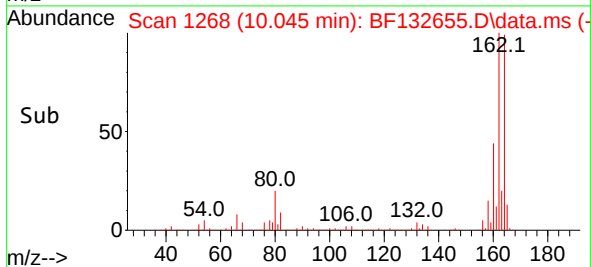
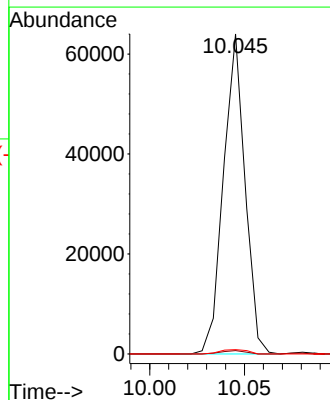
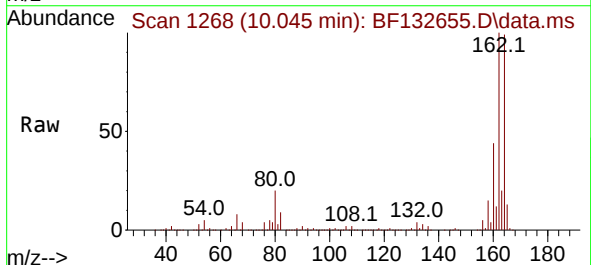
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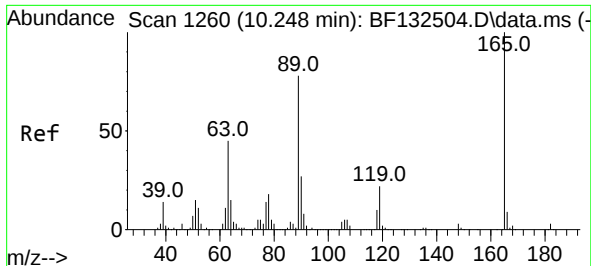
Tgt Ion:172 Resp: 2285993
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.767 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.209 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:165 Resp: 50718
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.4 48.9 73.3#

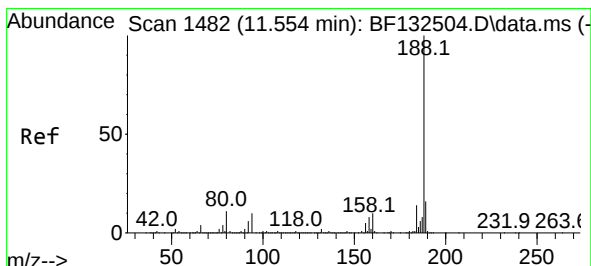
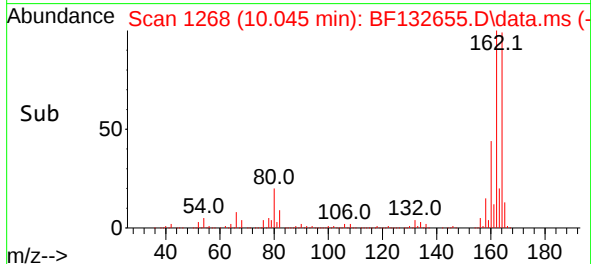
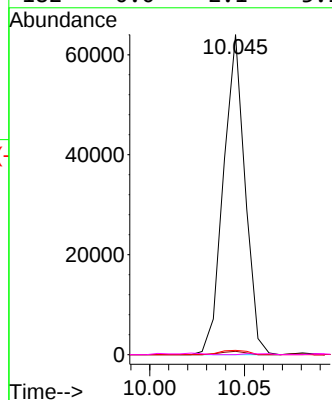
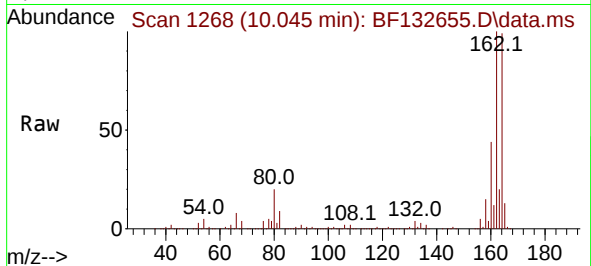




#57
2,4-Dinitrotoluene
Concen: 5.838 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.197 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

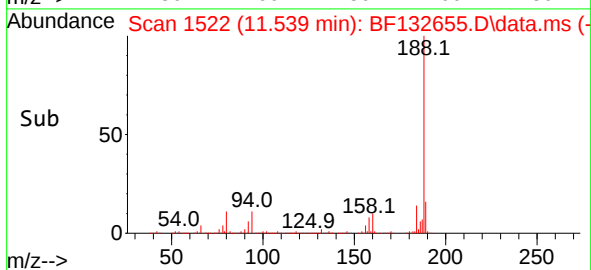
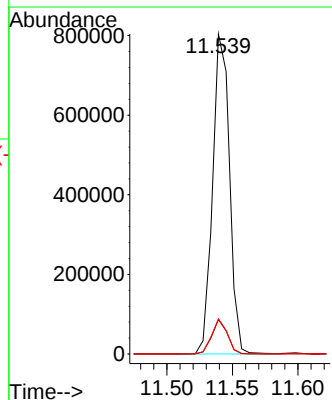
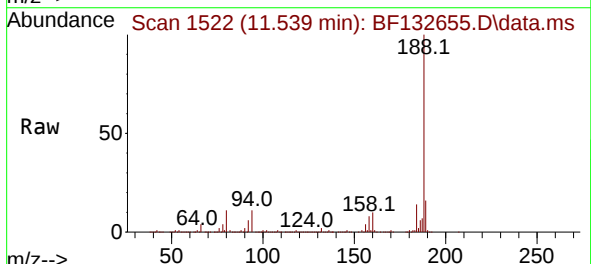
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

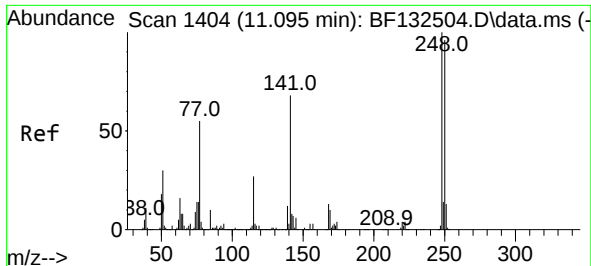
Tgt Ion:165 Resp: 50718
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1522
Delta R.T. -0.009 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:188 Resp: 719997
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.0 8.7 13.1

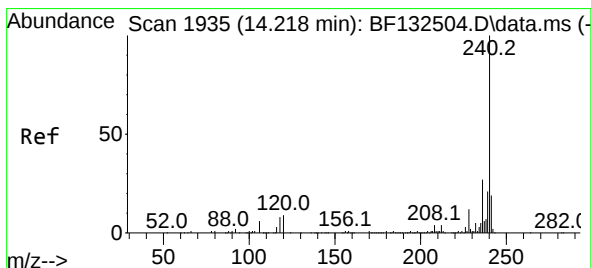
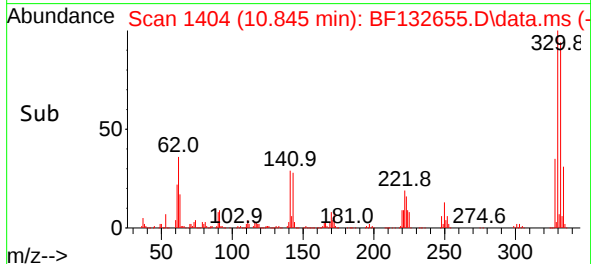
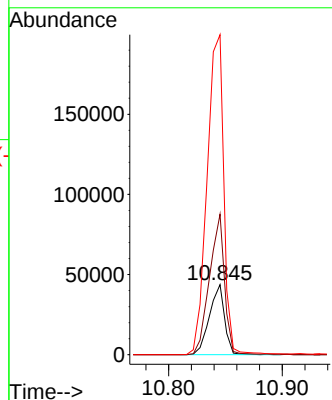
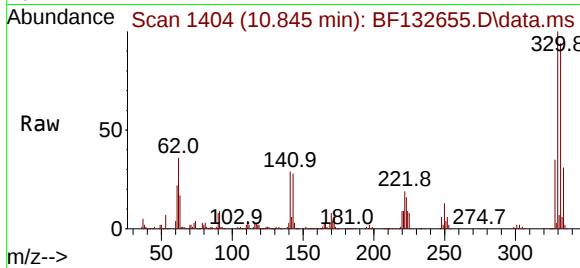




#67
4-Bromophenyl-phenylether
Concen: 4.973 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.244 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

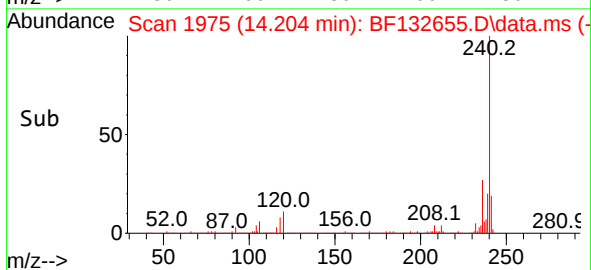
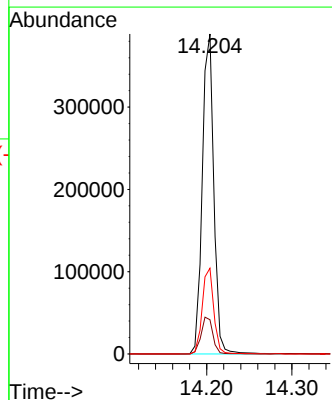
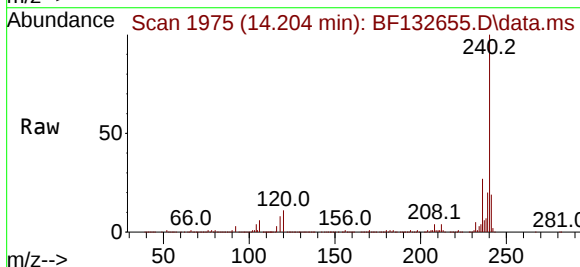
Instrument :
BNA_F
ClientSampleId :
CE-63-030123

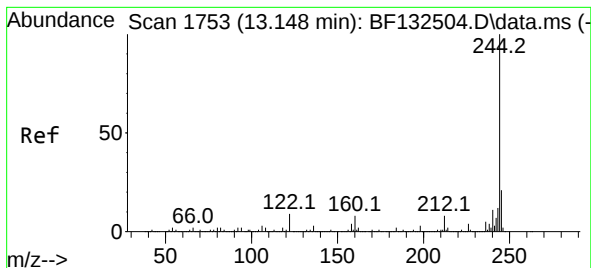
Tgt Ion:248 Resp: 40501
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.4#
141 456.9 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132655.D
Acq: 06 Mar 2023 18:37

Tgt Ion:240 Resp: 365453
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 26.8 21.8 32.6





#79

Terphenyl-d14

Concen: 117.024 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132655.D

Acq: 06 Mar 2023 18:37

Instrument :

BNA_F

ClientSampleId :

CE-63-030123

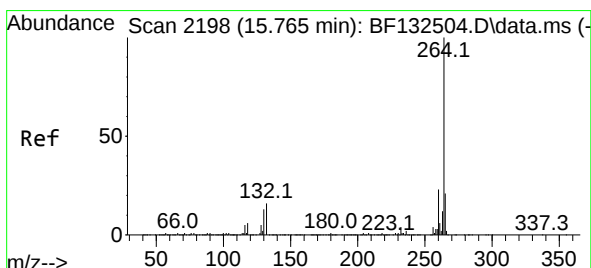
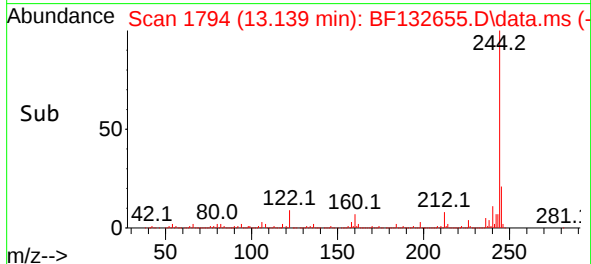
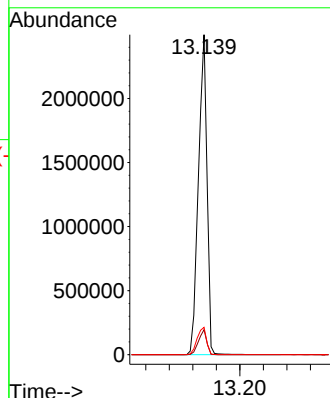
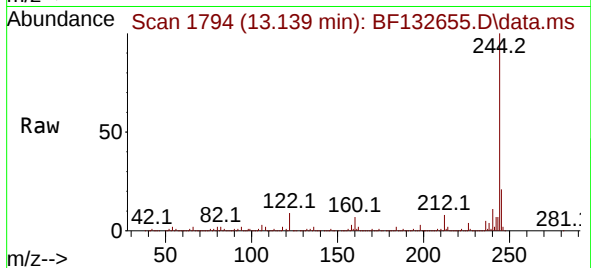
Tgt Ion:244 Resp: 2529470

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 8.6 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: BF132655.D

Acq: 06 Mar 2023 18:37

Tgt Ion:264 Resp: 402841

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.1 17.1 25.7

