

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132443.D
 Acq On : 16 Feb 2023 20:27
 Operator : CG\JU
 Sample : 01558-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: Feb 17 04:45:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 03:08:40 2023
 Response via : Initial Calibration

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

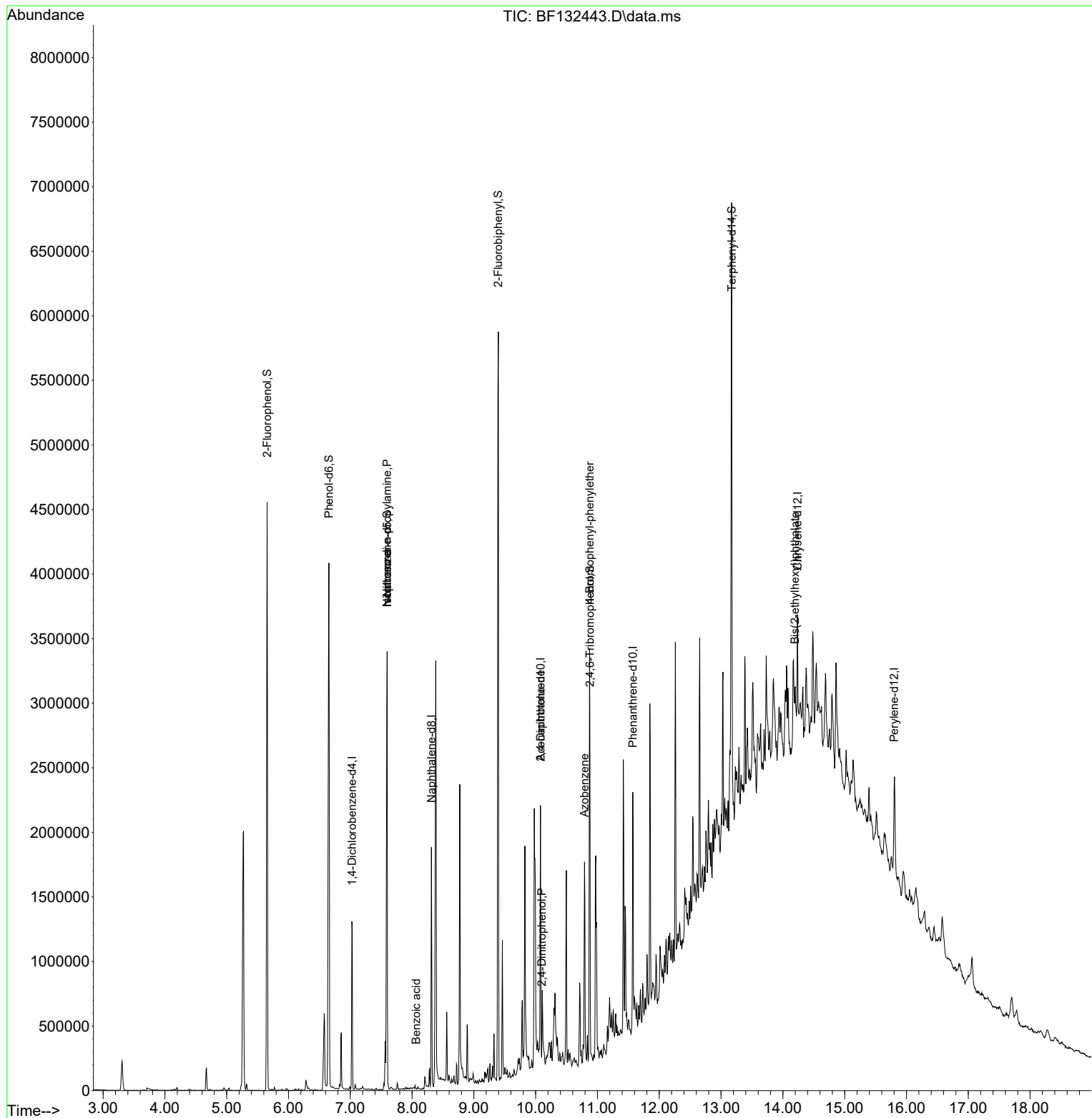
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	186395	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	705232	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	353426	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	647471	20.000	ng	0.00
76) Chrysene-d12	14.236	240	340571	20.000	ng	0.00
86) Perylene-d12	15.801	264	338795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	1260986	108.402	ng	0.00
7) Phenol-d6	6.654	99	1771209	116.609	ng	0.00
23) Nitrobenzene-d5	7.596	82	1157732	78.879	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	359613	101.981	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1768555	77.277	ng	0.00
79) Terphenyl-d14	13.172	244	1799870	96.248	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.596	70	157423	16.906	ng	# 79
25) Isophorone	7.596	82	1157718	40.142	ng	# 68
32) Benzoic acid	8.066	122	124	7.163	ng	# 42
54) 2,4-Dinitrophenol	10.101	184	56	5.143	ng	# 1
57) 2,4-Dinitrotoluene	10.078	165	47849	6.422	ng	# 27
63) Azobenzene	10.789	77	287388	10.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.872	248	25228	3.555	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.195	149	84516	6.048	ng	96

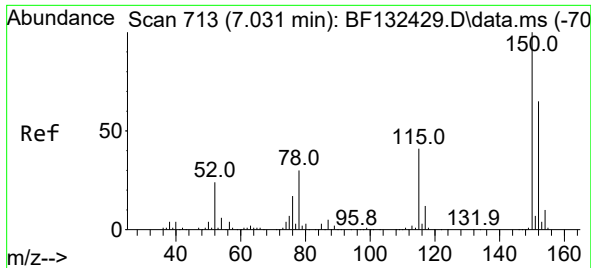
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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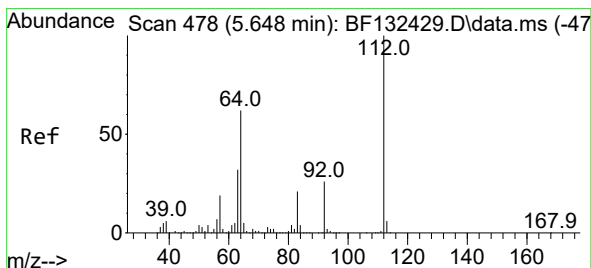
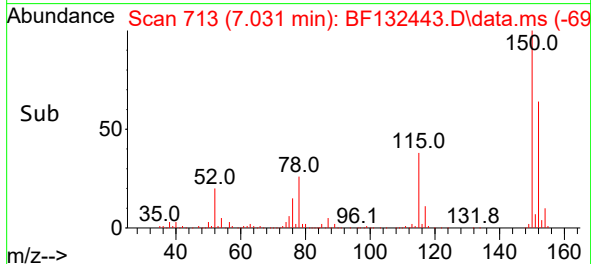
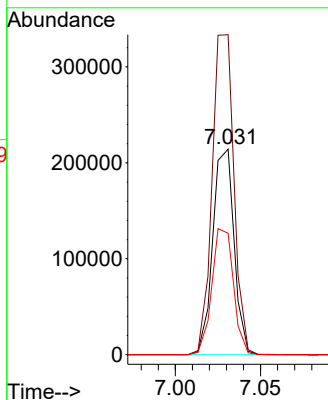
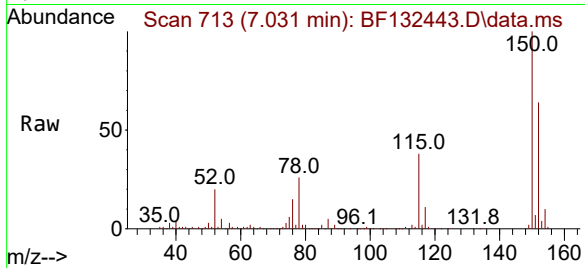




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

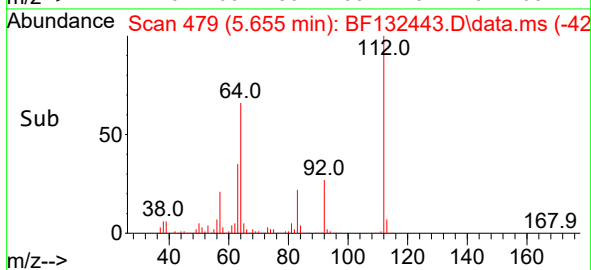
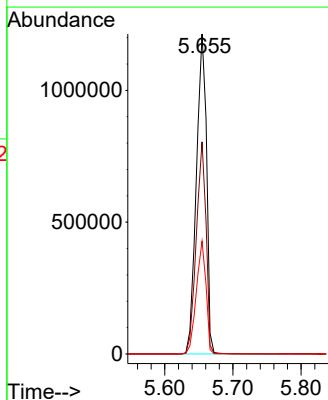
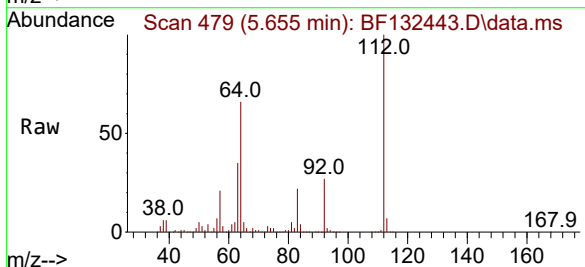
Instrument :
BNA_F
ClientSampleId :
72-12016

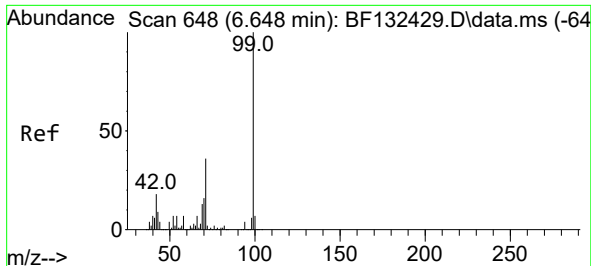
Tgt Ion:152 Resp: 186395
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.8
115 59.1 50.4 75.6



#5
2-Fluorophenol
Concen: 108.402 ng
RT: 5.655 min Scan# 479
Delta R.T. 0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion:112 Resp: 1260986
Ion Ratio Lower Upper
112 100
64 66.3 49.7 74.5
63 35.3 25.8 38.8

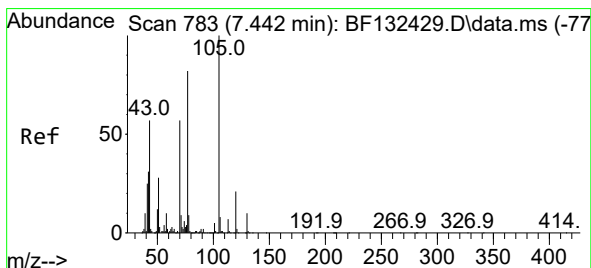
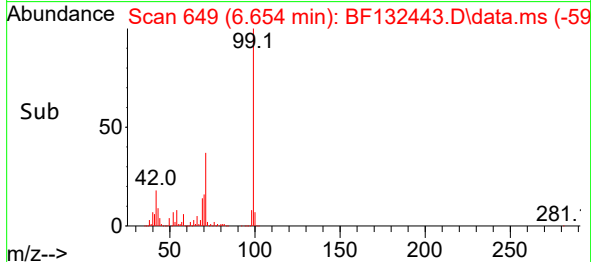
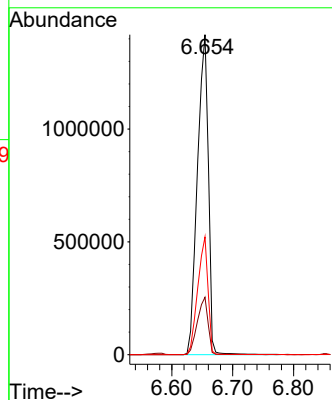
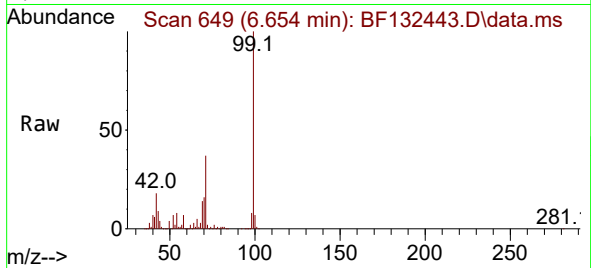




#7
Phenol-d6
Concen: 116.609 ng
RT: 6.654 min Scan# 64
Delta R.T. 0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

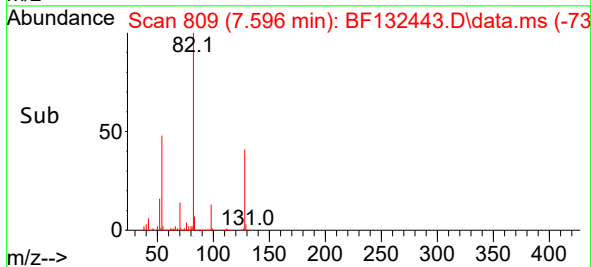
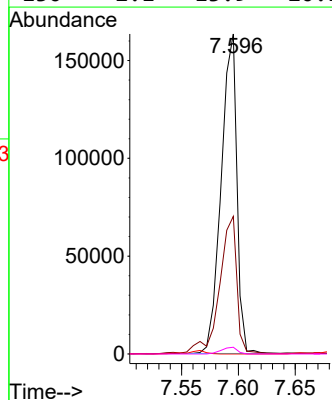
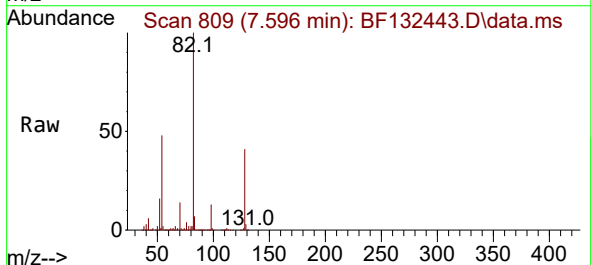
Instrument :
BNA_F
ClientSampleId :
72-12016

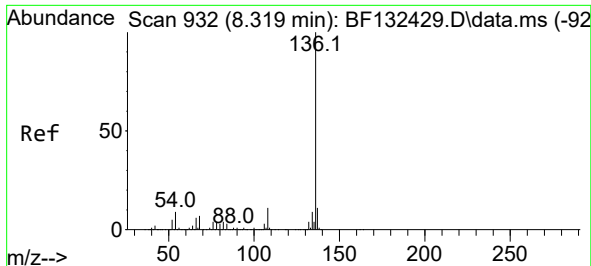
Tgt Ion: 99 Resp: 1771209
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 36.8 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 16.906 ng
RT: 7.596 min Scan# 809
Delta R.T. 0.153 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion: 70 Resp: 157423
Ion Ratio Lower Upper
70 100
42 43.0 43.5 65.3#
101 0.0 7.3 10.9#
130 2.1 13.9 20.9#

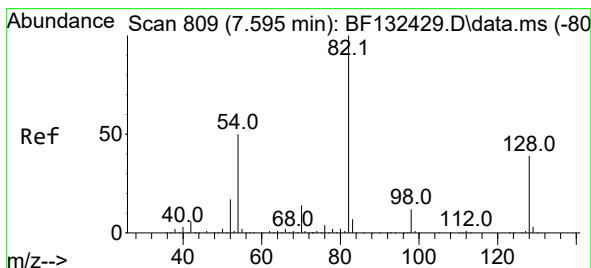
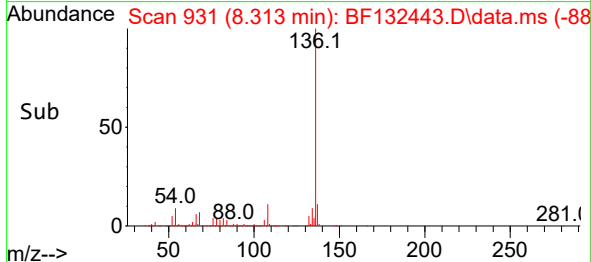
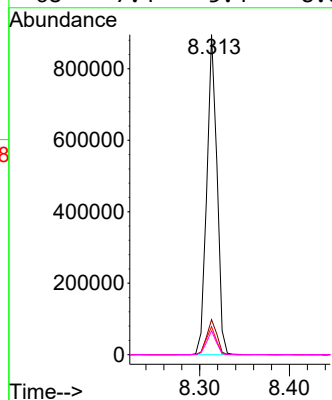
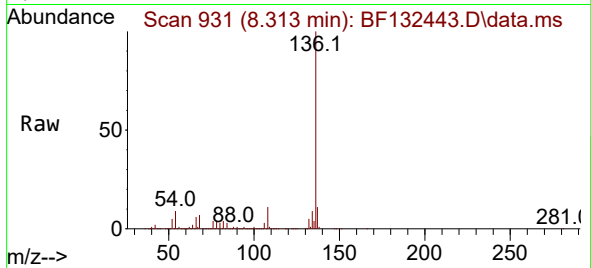




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.313 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

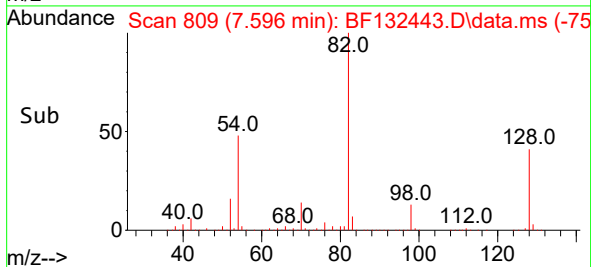
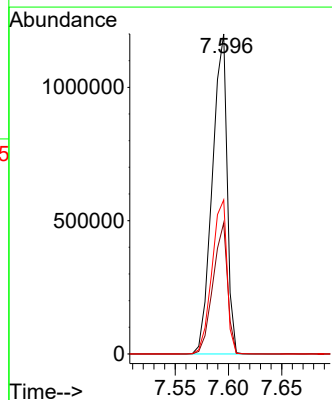
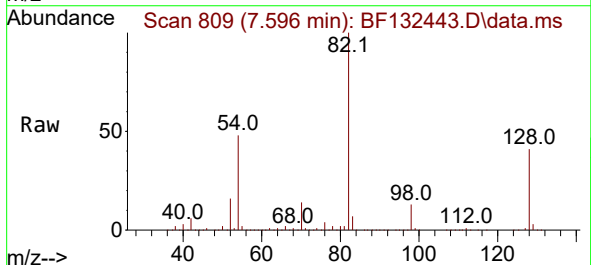
Instrument :
BNA_F
ClientSampleId :
72-12016

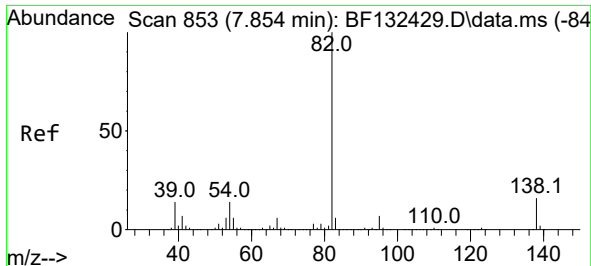
Tgt Ion:136 Resp: 705232
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 6.9 10.3
68 7.4 5.4 8.0



#23
Nitrobenzene-d5
Concen: 78.879 ng
RT: 7.596 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion: 82 Resp: 1157732
Ion Ratio Lower Upper
82 100
128 41.0 30.8 46.2
54 48.2 40.2 60.4

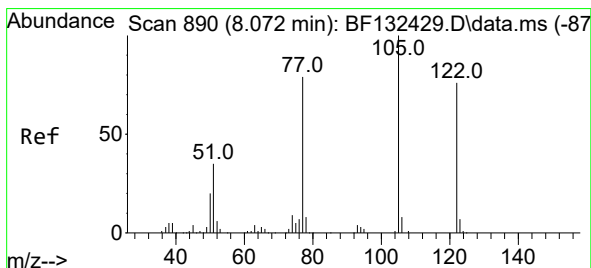
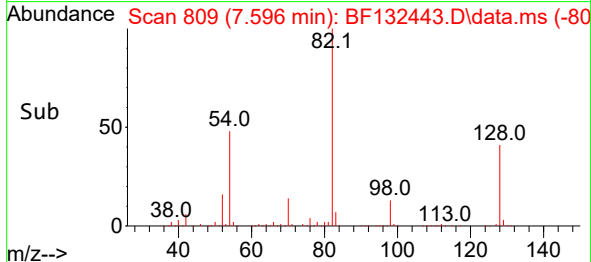
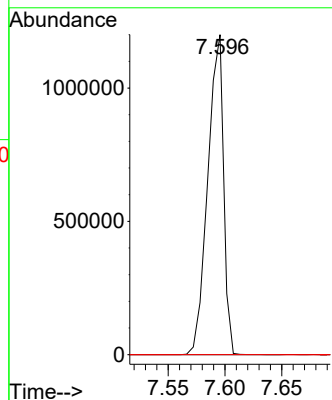
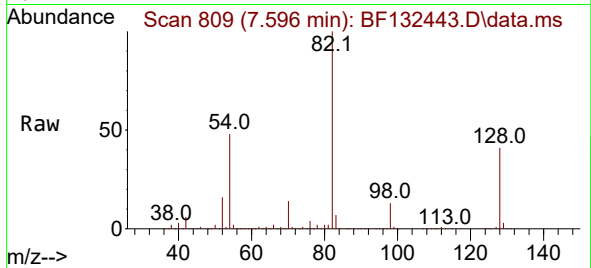




#25
Isophorone
Concen: 40.142 ng
RT: 7.596 min Scan# 809
Delta R.T. -0.259 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

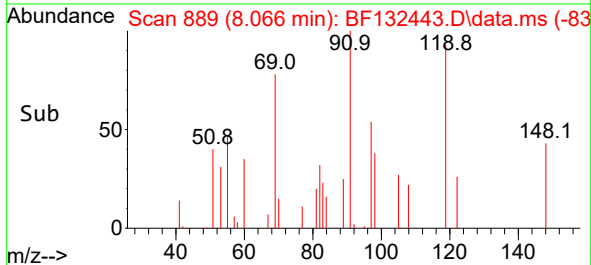
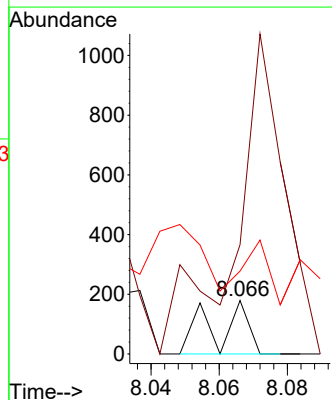
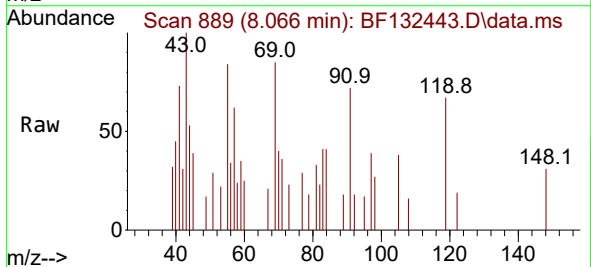
Instrument :
BNA_F
ClientSampleId :
72-12016

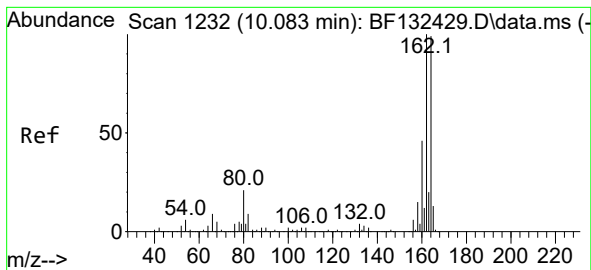
Tgt Ion: 82 Resp: 1157718
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.163 ng
RT: 8.066 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion:122 Resp: 124
Ion Ratio Lower Upper
122 100
105 204.5 109.7 149.7#
77 155.3 83.8 123.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132443.D

Acq: 16 Feb 2023 20:27

Instrument :

BNA_F

ClientSampleId :

72-12016

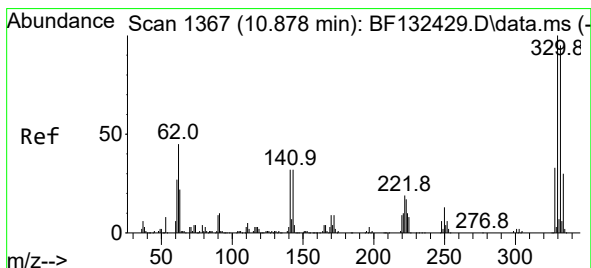
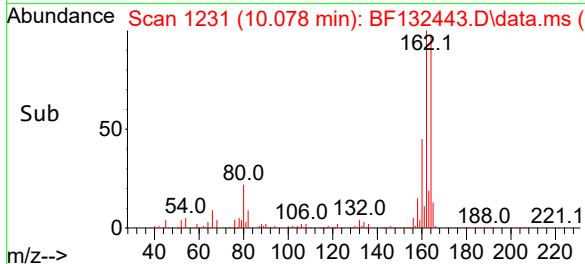
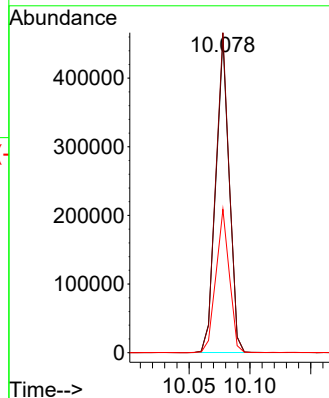
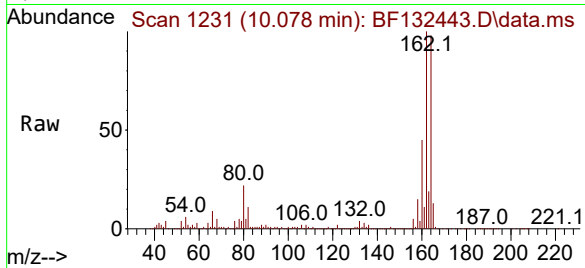
Tgt Ion:164 Resp: 353426

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 45.7 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 101.981 ng

RT: 10.878 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF132443.D

Acq: 16 Feb 2023 20:27

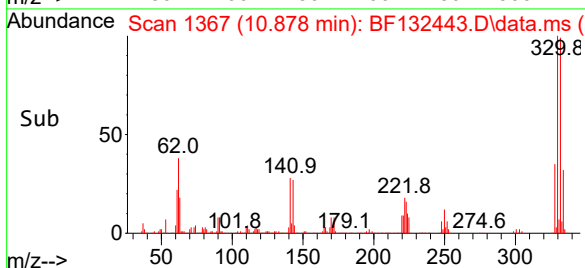
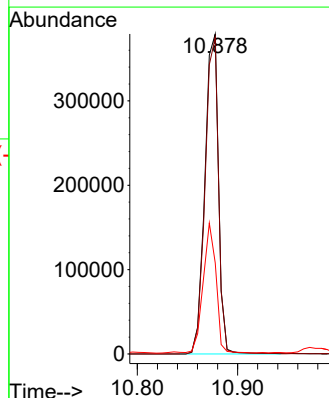
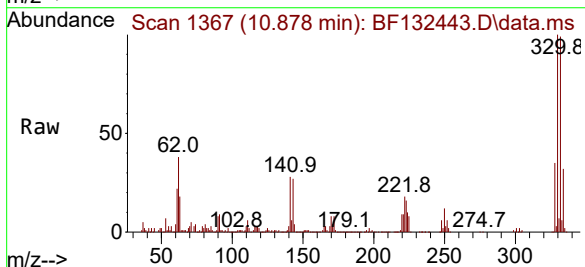
Tgt Ion:330 Resp: 359613

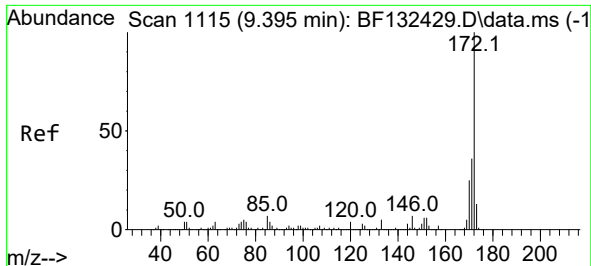
Ion Ratio Lower Upper

330 100

332 97.5 76.3 114.5

141 38.8 30.3 45.5

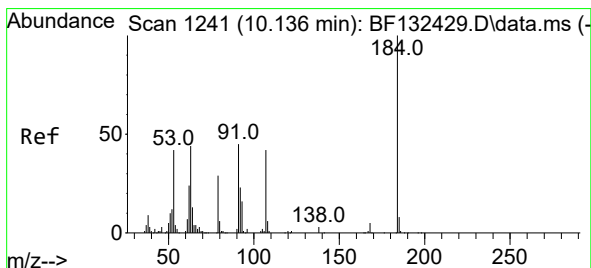
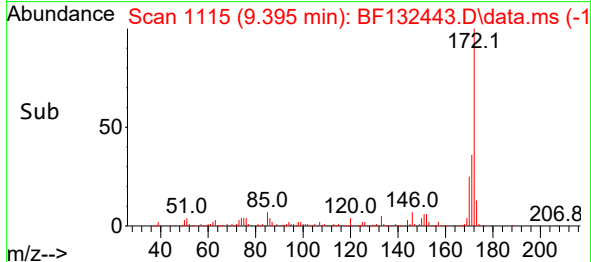
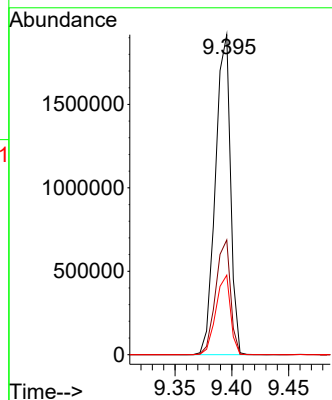
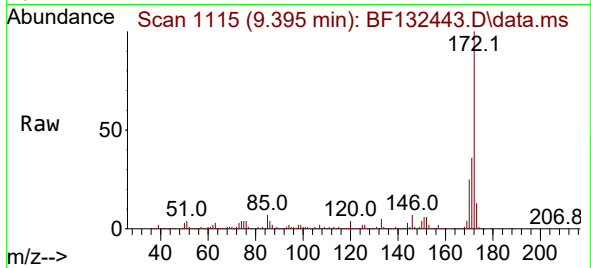




#45
2-Fluorobiphenyl
Concen: 77.277 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

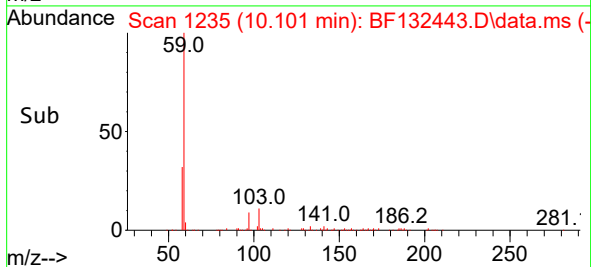
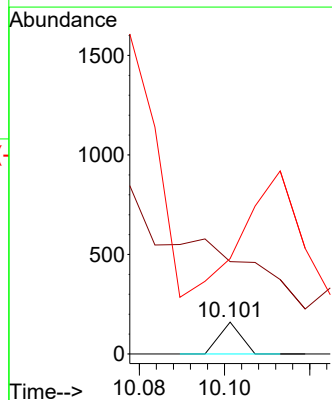
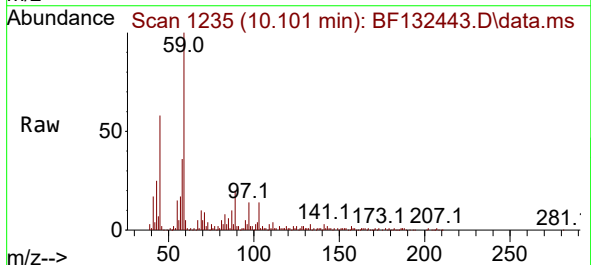
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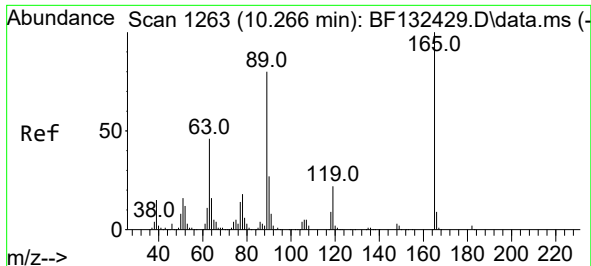
Tgt Ion:172 Resp: 1768555
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.9 19.9 29.9



#54
2,4-Dinitrophenol
Concen: 5.143 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.035 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 290.0 47.0 70.6#
154 299.4 49.0 73.6#

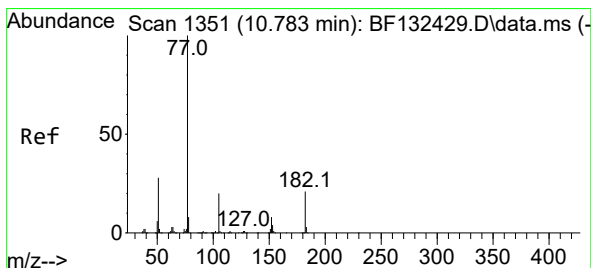
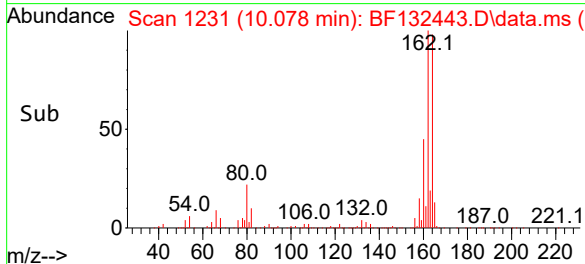
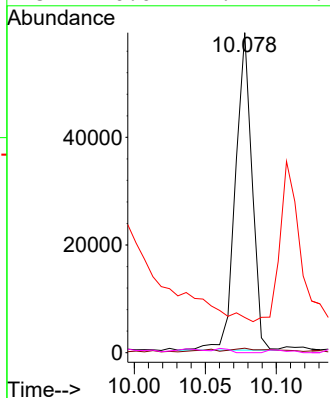
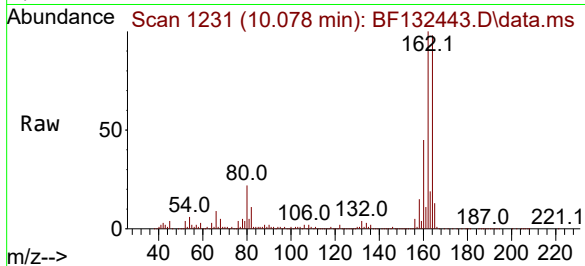




#57
2,4-Dinitrotoluene
Concen: 6.422 ng
RT: 10.078 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

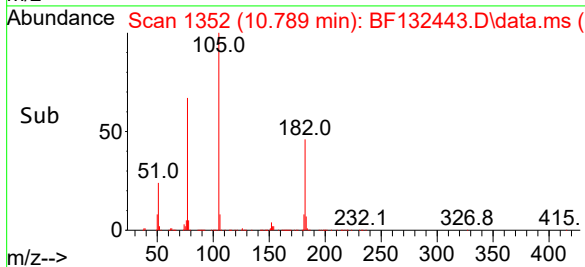
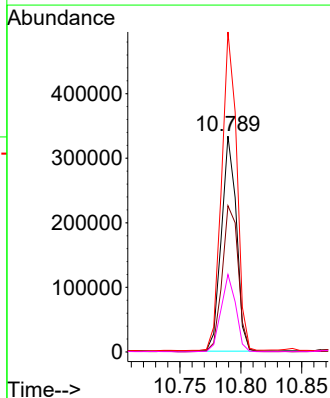
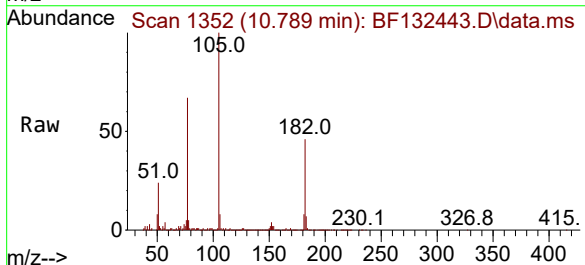
Instrument :
BNA_F
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72-12016

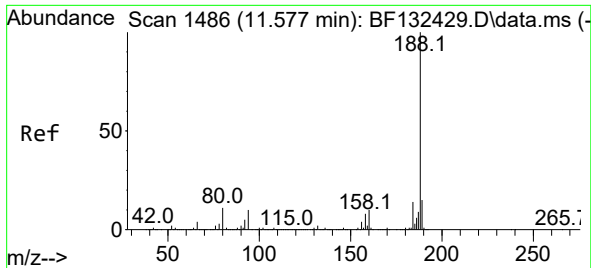
Tgt Ion:165 Resp: 47849
Ion Ratio Lower Upper
165 100
63 1.4 37.1 55.7#
89 11.0 63.6 95.4#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 10.152 ng
RT: 10.789 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion: 77 Resp: 287388
Ion Ratio Lower Upper
77 100
182 67.7 1.4 41.4#
105 148.2 0.1 40.1#
51 35.9 8.2 48.2

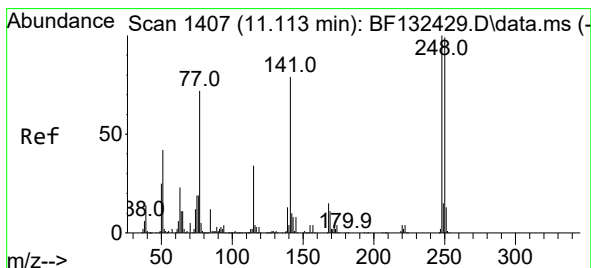
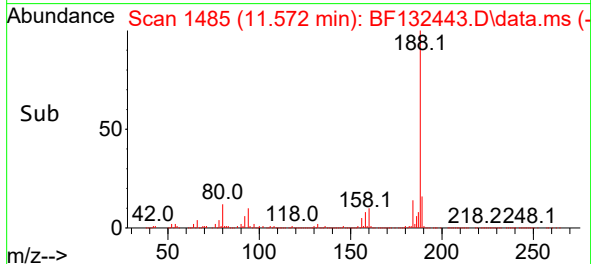
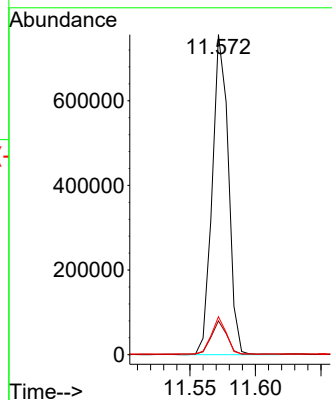
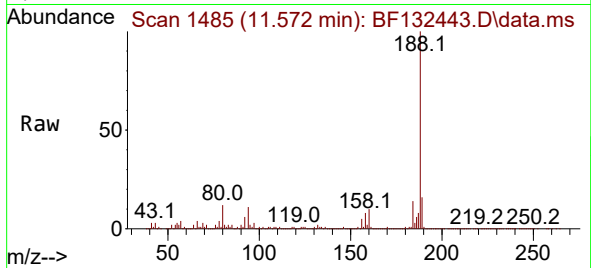




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.572 min Scan# 1486
Delta R.T. -0.006 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

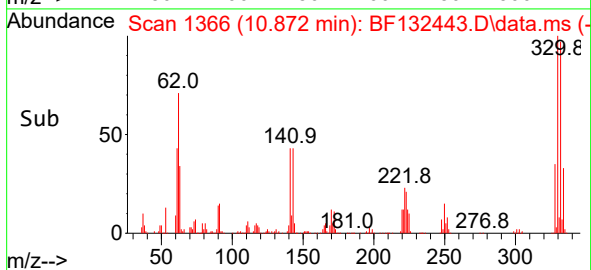
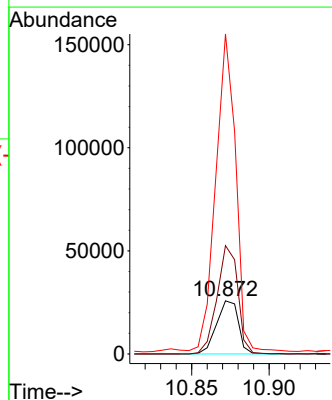
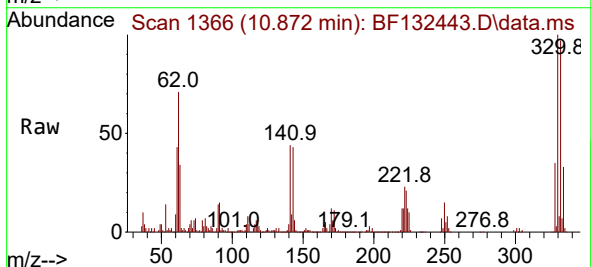
Instrument :
BNA_F
ClientSampleId :
72-12016

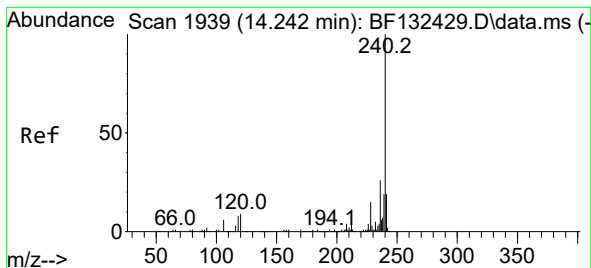
Tgt Ion:188 Resp: 647471
Ion Ratio Lower Upper
188 100
94 10.6 8.0 12.0
80 11.9 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.241 min
Lab File: BF132443.D
Acq: 16 Feb 2023 20:27

Tgt Ion:248 Resp: 25228
Ion Ratio Lower Upper
248 100
250 203.9 79.0 118.4#
141 602.3 63.3 94.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132443.D

Acq: 16 Feb 2023 20:27

Instrument :

BNA_F

ClientSampleId :

72-12016

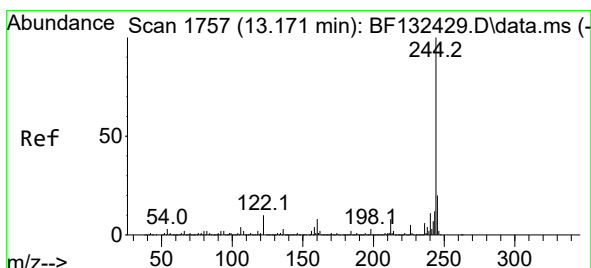
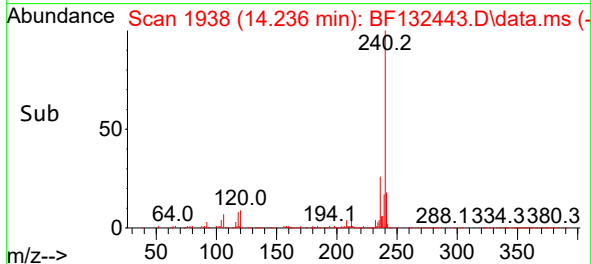
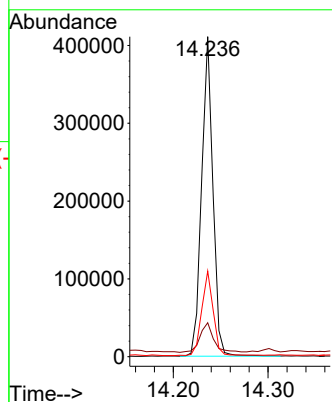
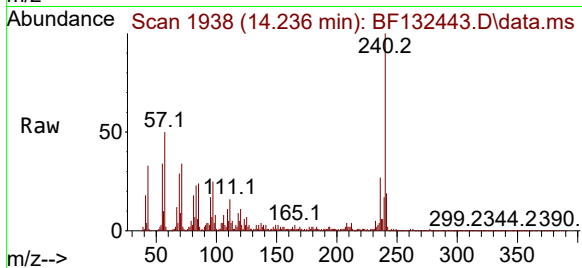
Tgt Ion:240 Resp: 340571

Ion Ratio Lower Upper

240 100

120 10.6 7.5 11.3

236 26.8 21.0 31.6



#79

Terphenyl-d14

Concen: 96.248 ng

RT: 13.172 min Scan# 1757

Delta R.T. 0.000 min

Lab File: BF132443.D

Acq: 16 Feb 2023 20:27

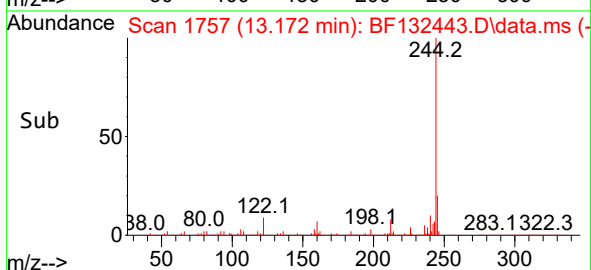
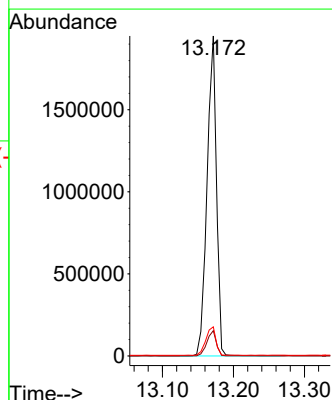
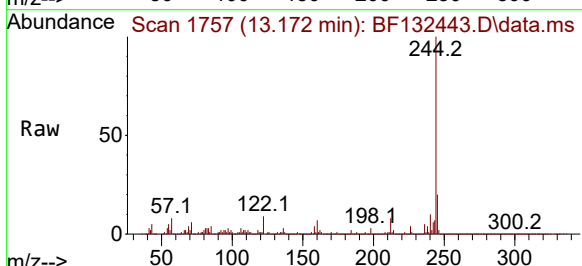
Tgt Ion:244 Resp: 1799870

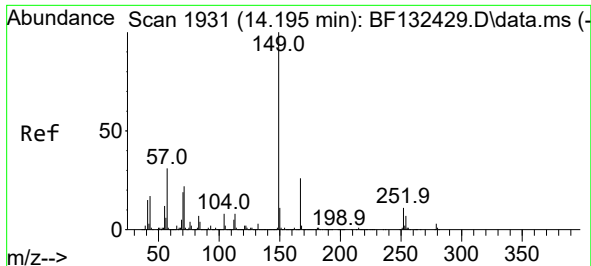
Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

122 9.1 7.7 11.5

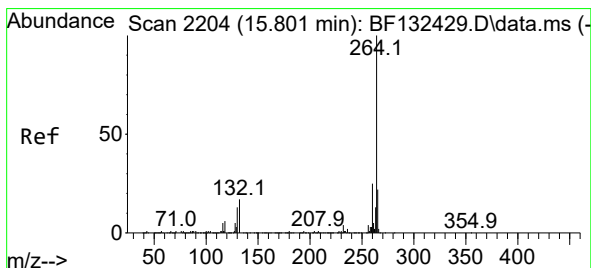
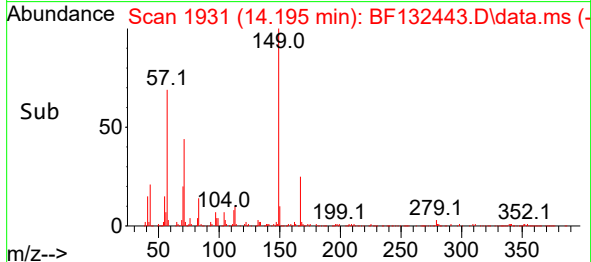
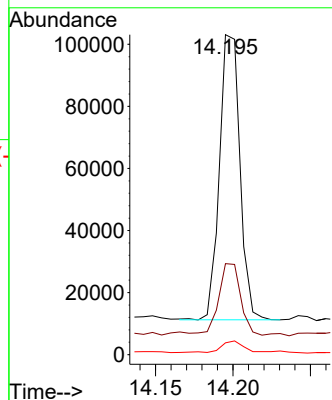
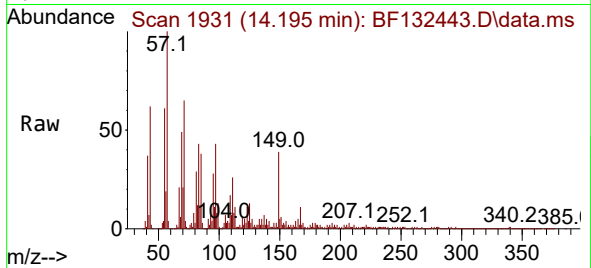




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.048 ng
 RT: 14.195 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF132443.D
 Acq: 16 Feb 2023 20:27

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Tgt Ion:	149	Resp:	84516
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.0	31.6
279	3.7	2.5	3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.801 min Scan# 2204
 Delta R.T. 0.000 min
 Lab File: BF132443.D
 Acq: 16 Feb 2023 20:27

Tgt Ion:	264	Resp:	338795
Ion Ratio	Lower	Upper	
264	100		
260	24.1	20.0	30.0
265	21.9	17.2	25.8

