

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132455.D
 Acq On : 17 Feb 2023 17:47
 Operator : CG\JU
 Sample : PB150925BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150925BL

Quant Time: Feb 18 01:00:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

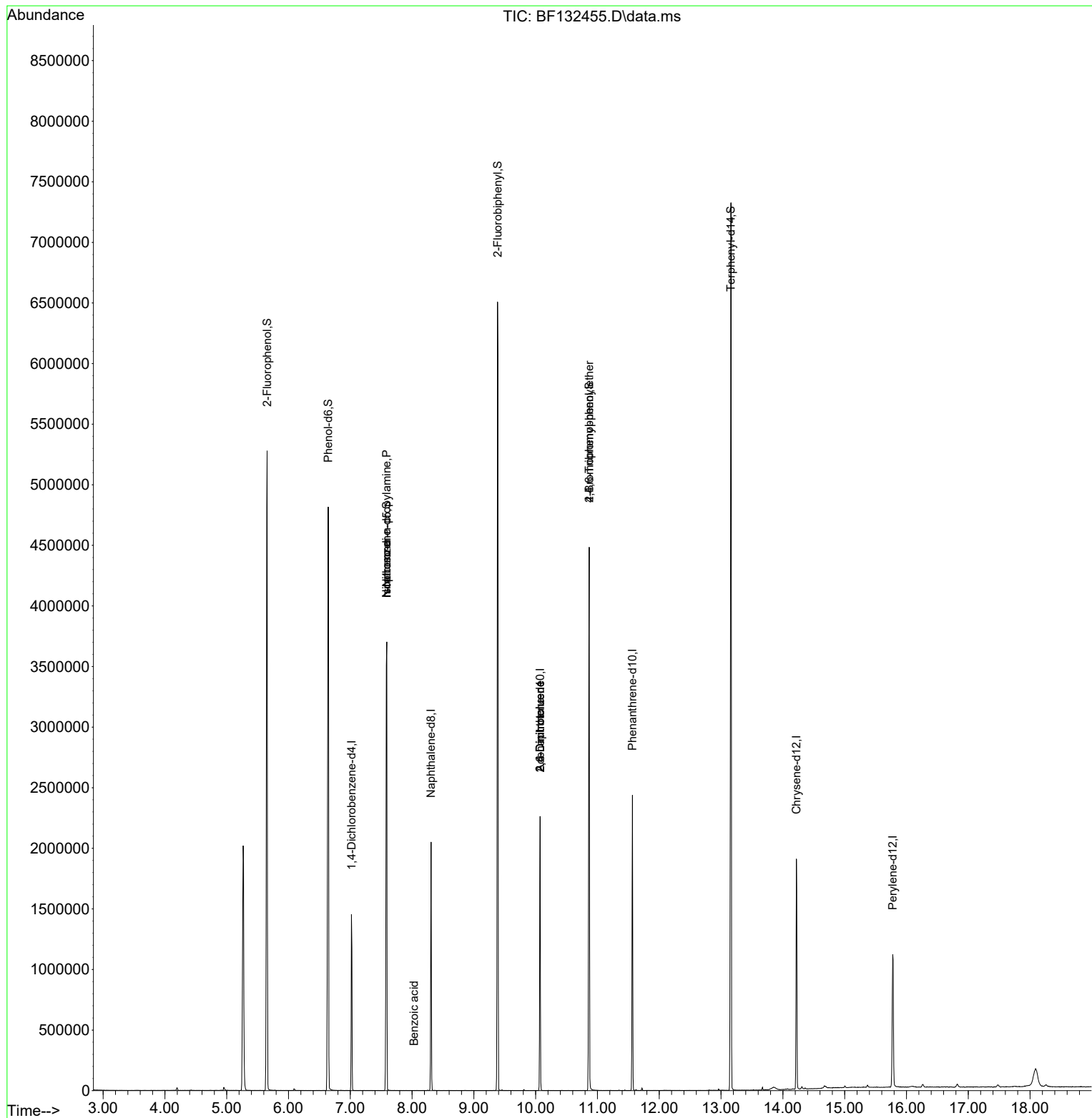
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	204729	20.000	ng	0.00
21) Naphthalene-d8	8.307	136	776655	20.000	ng	0.00
39) Acenaphthene-d10	10.072	164	417735	20.000	ng	0.00
64) Phenanthrene-d10	11.566	188	818882	20.000	ng	0.00
76) Chrysene-d12	14.219	240	625768	20.000	ng	#-0.01
86) Perylene-d12	15.777	264	527381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1585230	124.072	ng	0.01
7) Phenol-d6	6.643	99	2060406	123.501	ng	0.00
23) Nitrobenzene-d5	7.590	82	1355137	83.838	ng	0.00
42) 2,4,6-Tribromophenol	10.866	330	507366	121.731	ng	0.00
45) 2-Fluorobiphenyl	9.384	172	2093360	77.388	ng	0.00
79) Terphenyl-d14	13.160	244	2748145	79.981	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.590	70	180469	17.645	ng	# 77
25) Isophorone	7.590	82	1354283	42.639	ng	# 68
32) Benzoic acid	8.031	122	61	7.156	ng	# 1
51) 2,6-Dinitrotoluene	10.072	165	54449	8.139	ng	# 20
57) 2,4-Dinitrotoluene	10.072	165	54449	6.183	ng	# 20
67) 4-Bromophenyl-phenylether	10.866	248	34284	3.820	ng	# 1

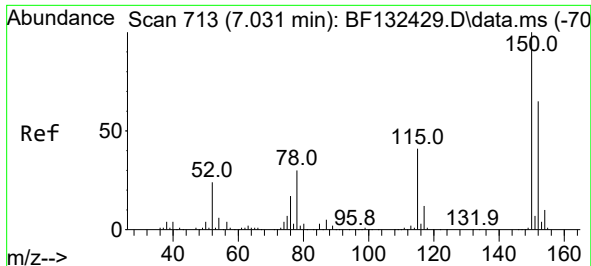
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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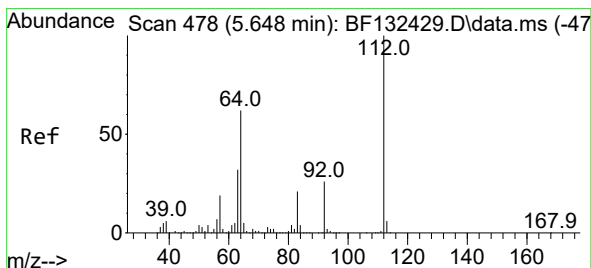
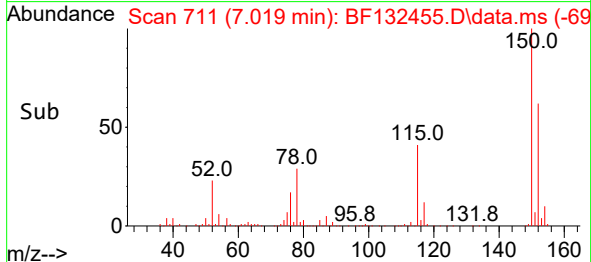
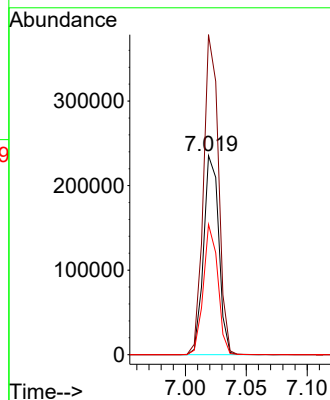
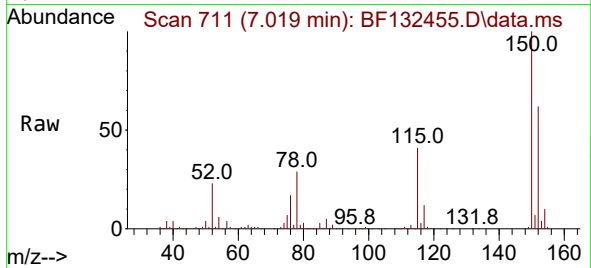




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

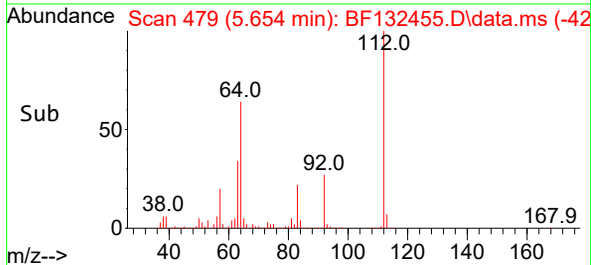
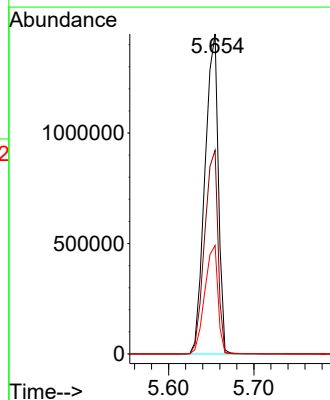
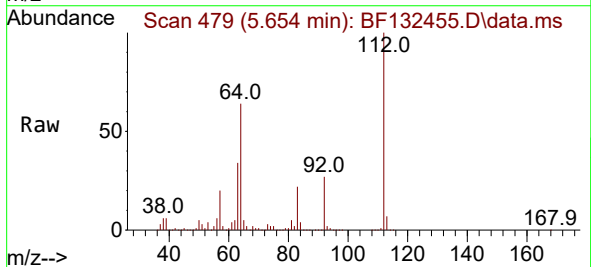
Instrument :
BNA_F
ClientSampleId :
PB150925BL

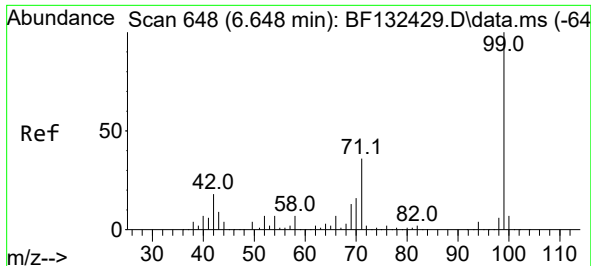
Tgt Ion:152 Resp: 204729
Ion Ratio Lower Upper
152 100
150 160.7 123.8 185.8
115 65.4 50.4 75.6



#5
2-Fluorophenol
Concen: 124.072 ng
RT: 5.654 min Scan# 479
Delta R.T. 0.012 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion:112 Resp: 1585230
Ion Ratio Lower Upper
112 100
64 63.6 49.7 74.5
63 33.9 25.8 38.8

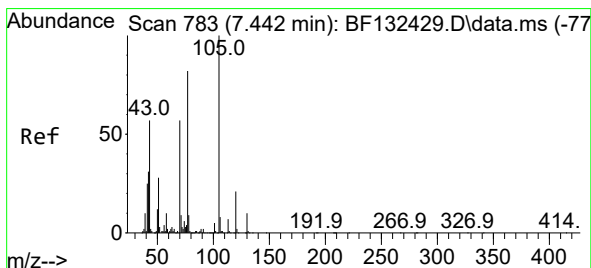
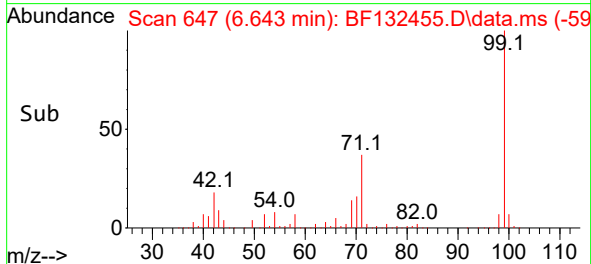
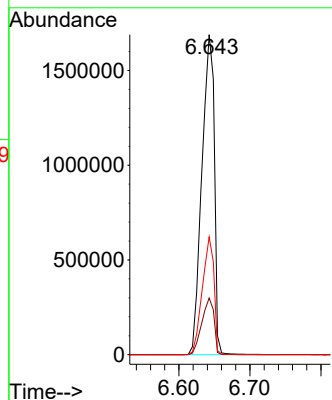
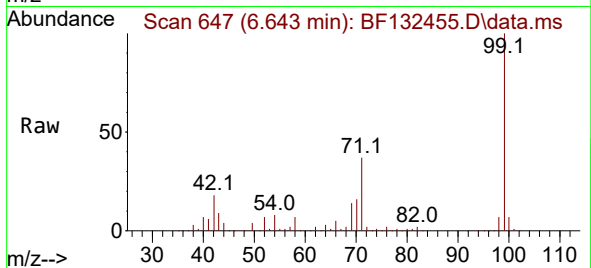




#7
Phenol-d6
Concen: 123.501 ng
RT: 6.643 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

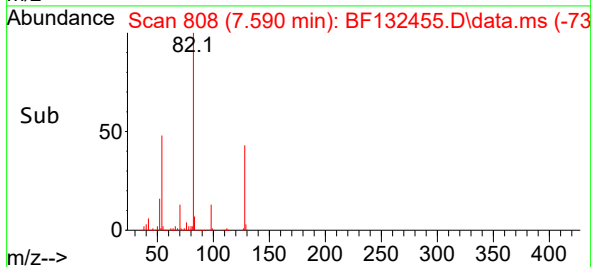
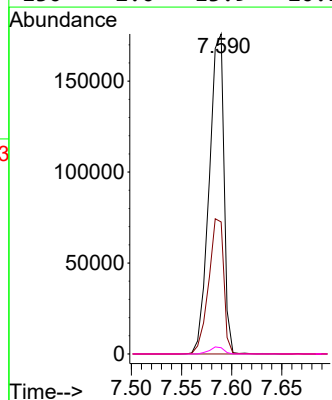
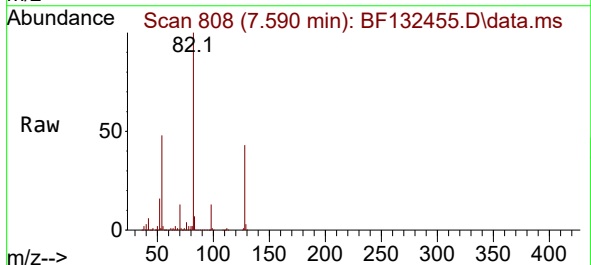
Instrument :
BNA_F
ClientSampleId :
PB150925BL

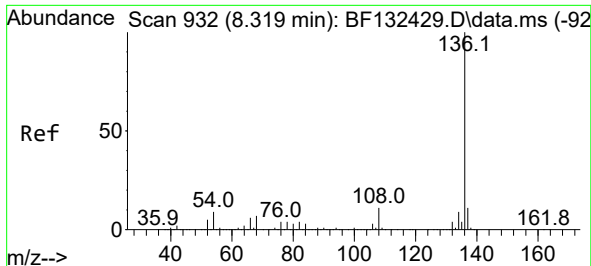
Tgt Ion: 99 Resp: 2060406
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 36.8 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.645 ng
RT: 7.590 min Scan# 808
Delta R.T. 0.153 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion: 70 Resp: 180469
Ion Ratio Lower Upper
70 100
42 41.3 43.5 65.3#
101 0.0 7.3 10.9#
130 2.0 13.9 20.9#



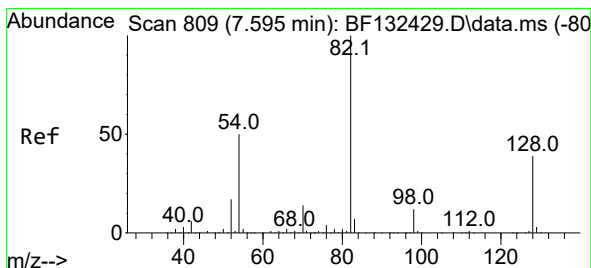
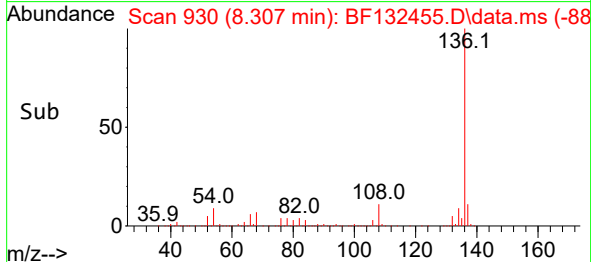
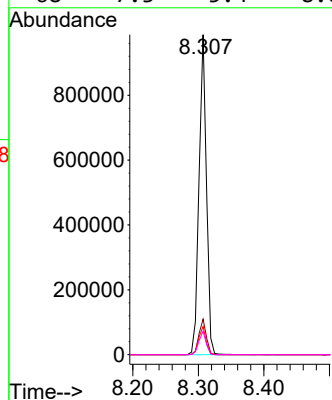
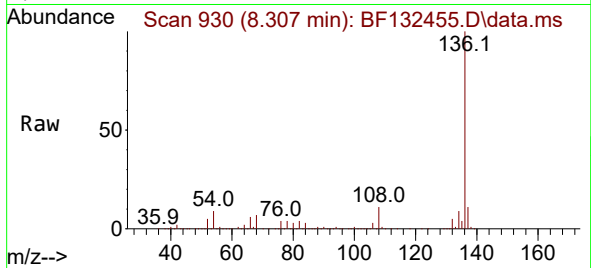


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.307 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Instrument :
BNA_F
ClientSampleId :
PB150925BL

Tgt Ion:136 Resp: 776655

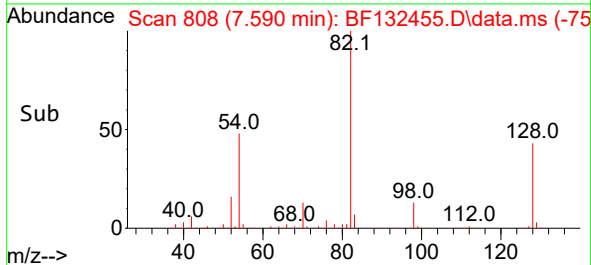
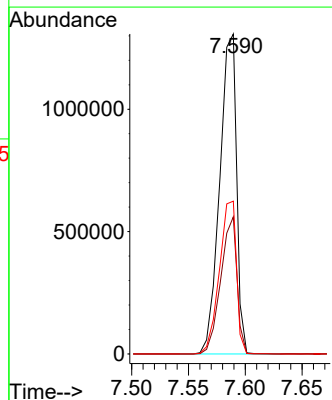
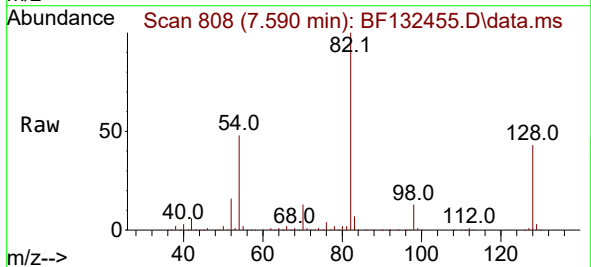
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	6.9	10.3
68	7.3	5.4	8.0

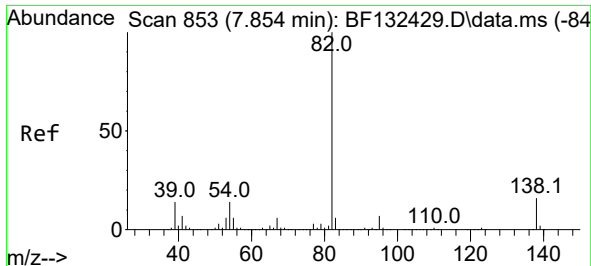


#23
Nitrobenzene-d5
Concen: 83.838 ng
RT: 7.590 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion: 82 Resp: 1355137

Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.8	46.2
54	47.8	40.2	60.4

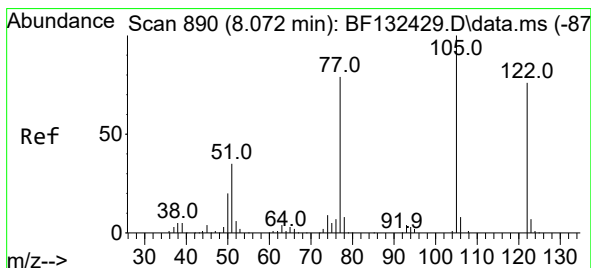
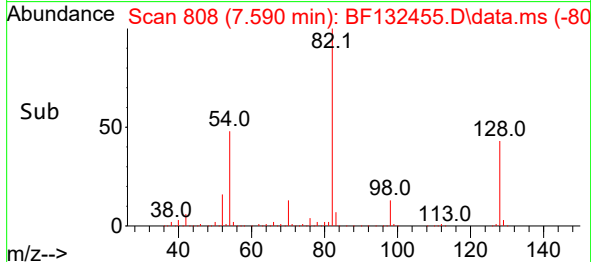
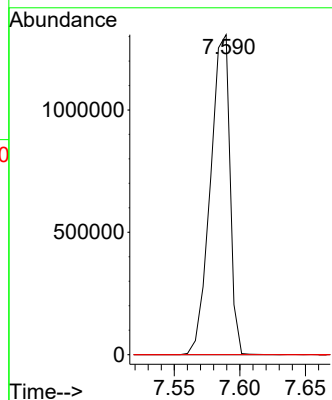
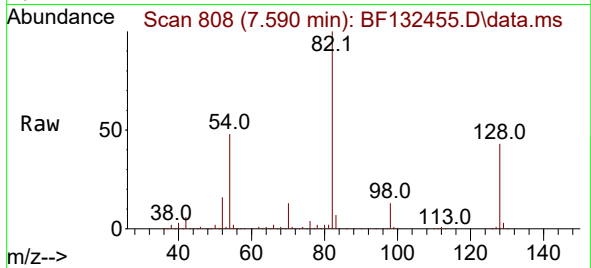




#25
Isophorone
Concen: 42.639 ng
RT: 7.590 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

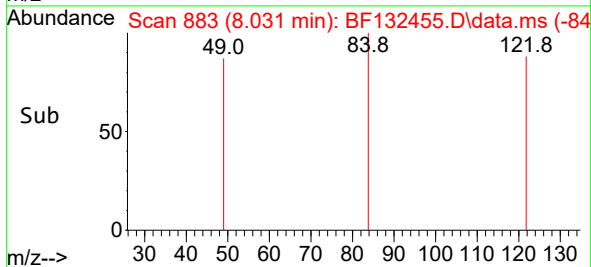
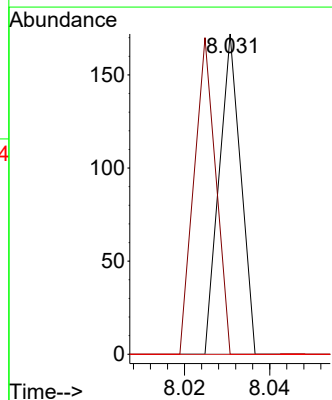
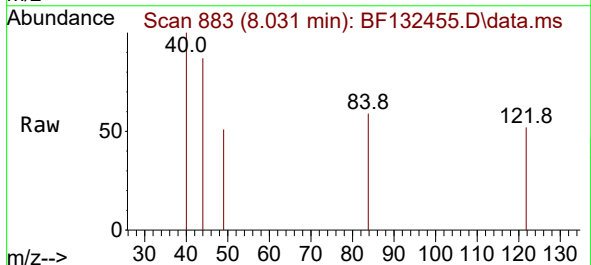
Instrument :
BNA_F
ClientSampleId :
PB150925BL

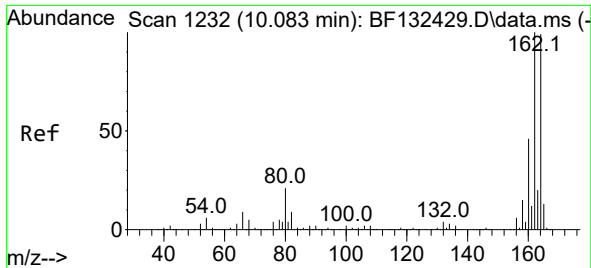
Tgt Ion: 82 Resp: 1354283
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 7.156 ng
RT: 8.031 min Scan# 883
Delta R.T. -0.047 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 0.0 109.7 149.7#
77 0.0 83.8 123.8#

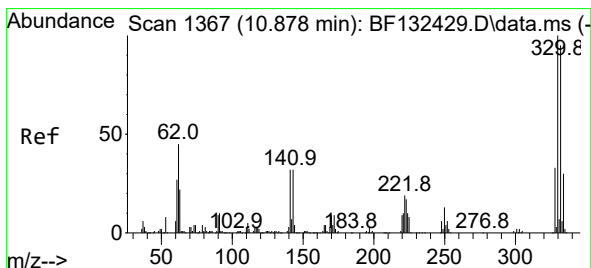
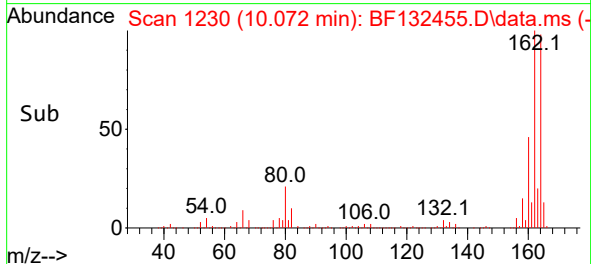
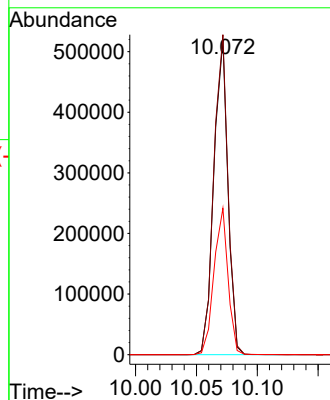
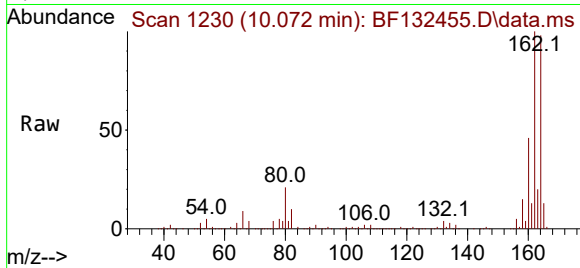




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

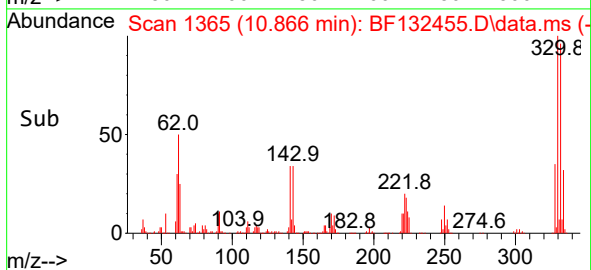
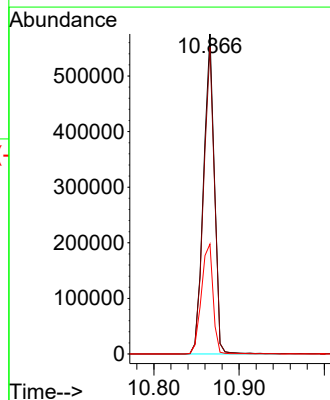
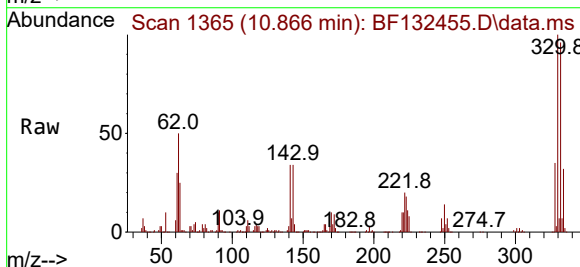
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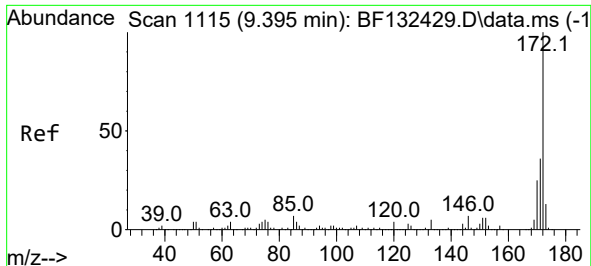
Tgt Ion:164 Resp: 417735
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 46.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 121.731 ng
RT: 10.866 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion:330 Resp: 507366
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 37.1 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 77.388 ng

RT: 9.384 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132455.D

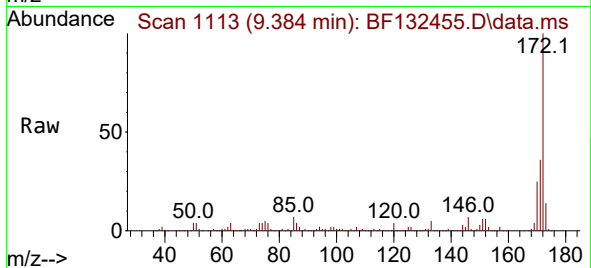
Acq: 17 Feb 2023 17:47

Instrument :

BNA_F

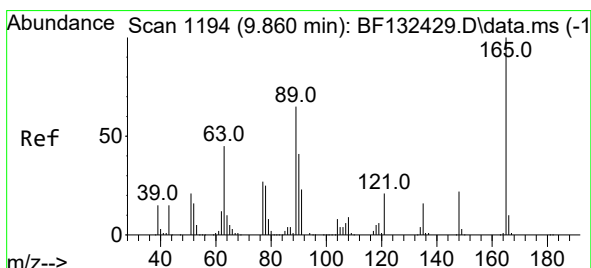
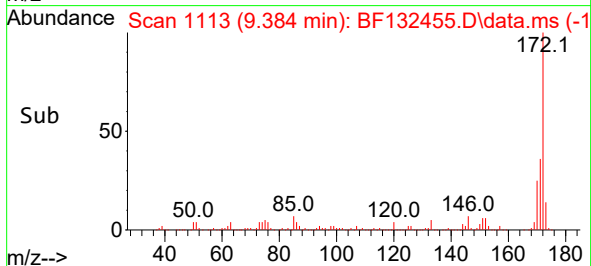
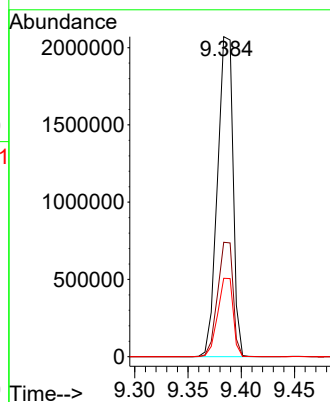
ClientSampleId :

PB150925BL



Tgt Ion:172 Resp: 2093360

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.5	19.9	29.9



#51

2,6-Dinitrotoluene

Concen: 8.139 ng

RT: 10.072 min Scan# 1230

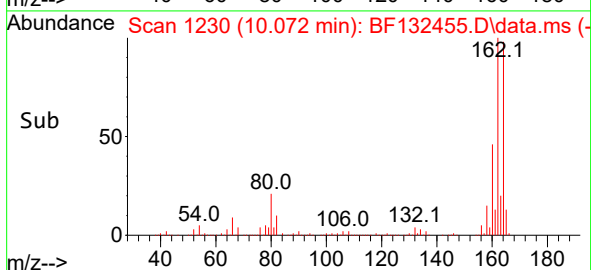
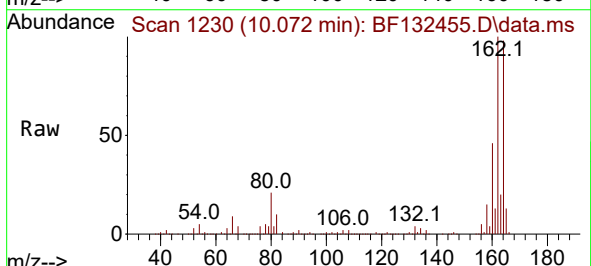
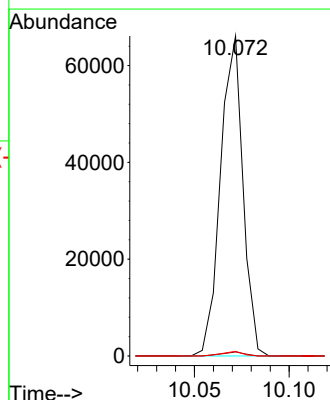
Delta R.T. 0.218 min

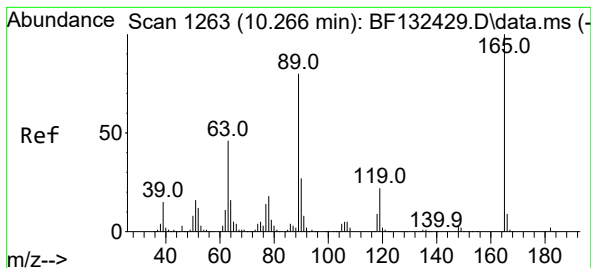
Lab File: BF132455.D

Acq: 17 Feb 2023 17:47

Tgt Ion:165 Resp: 54449

Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.4	75.6#
89	1.4	52.2	78.2#

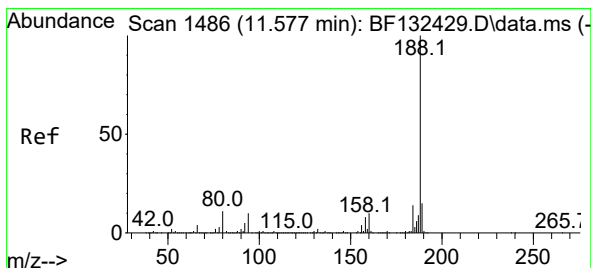
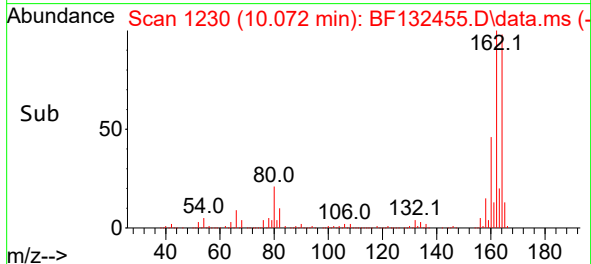
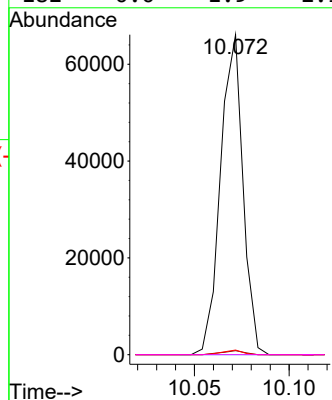
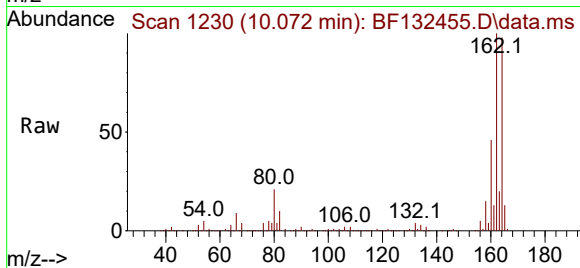




#57
2,4-Dinitrotoluene
Concen: 6.183 ng
RT: 10.072 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

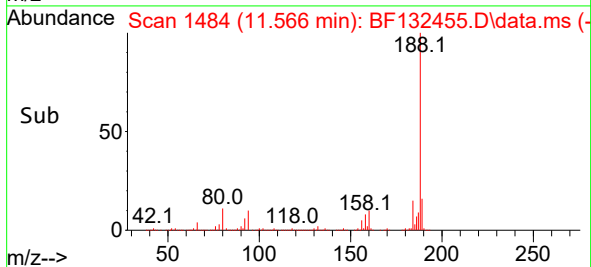
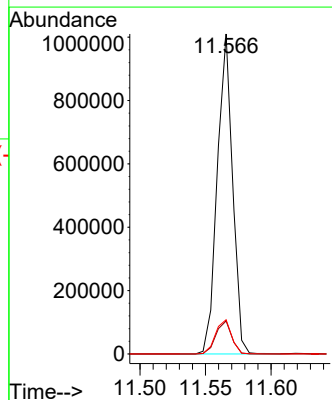
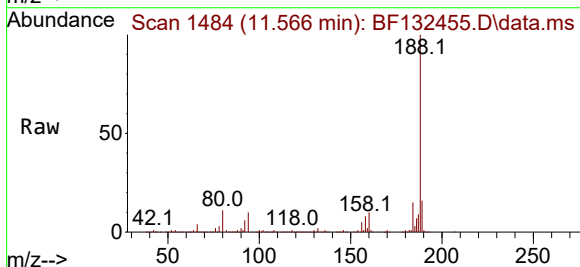
Instrument :
BNA_F
ClientSampleId :
PB150925BL

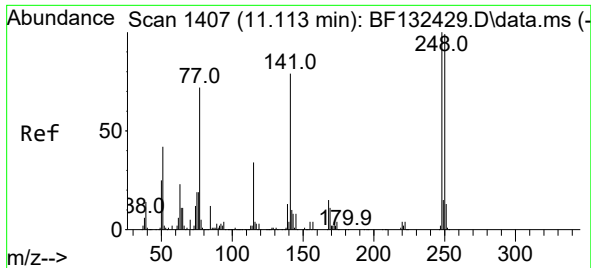
Tgt Ion:165 Resp: 54449
Ion Ratio Lower Upper
165 100
63 1.2 37.1 55.7#
89 1.4 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion:188 Resp: 818882
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 10.7 8.6 12.8

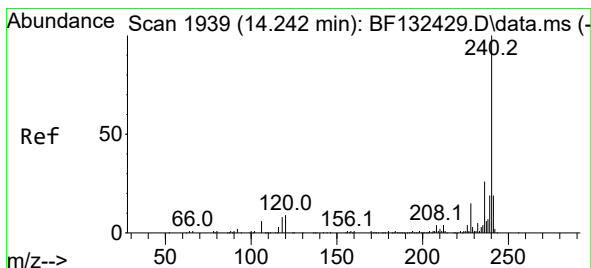
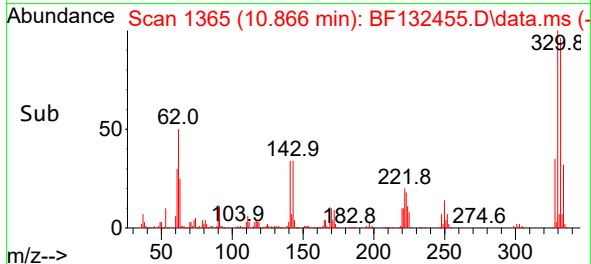
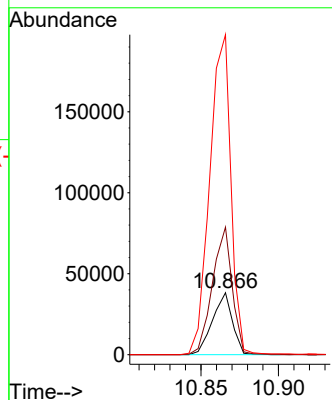
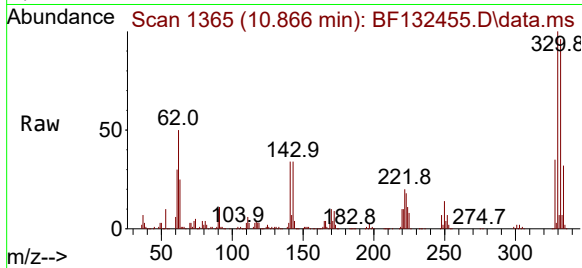




#67
4-Bromophenyl-phenylether
Concen: 3.820 ng
RT: 10.866 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

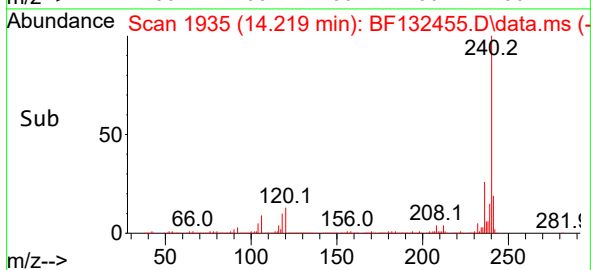
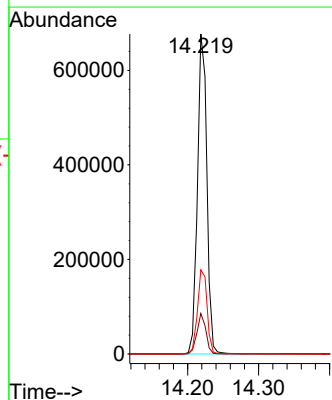
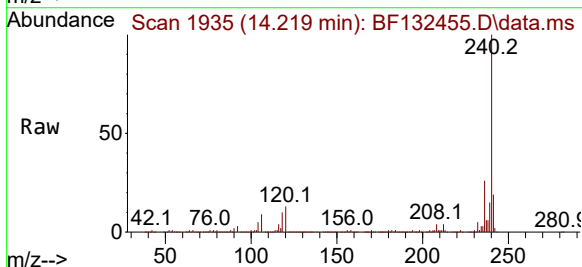
Instrument :
BNA_F
ClientSampleId :
PB150925BL

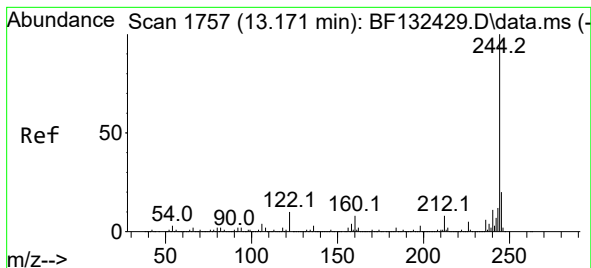
Tgt Ion:248 Resp: 34284
Ion Ratio Lower Upper
248 100
250 205.9 79.0 118.4#
141 516.9 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132455.D
Acq: 17 Feb 2023 17:47

Tgt Ion:240 Resp: 625768
Ion Ratio Lower Upper
240 100
120 12.6 7.5 11.3#
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 79.981 ng

RT: 13.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132455.D

Acq: 17 Feb 2023 17:47

Instrument :

BNA_F

ClientSampleId :

PB150925BL

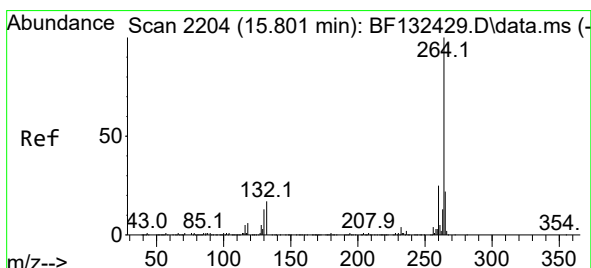
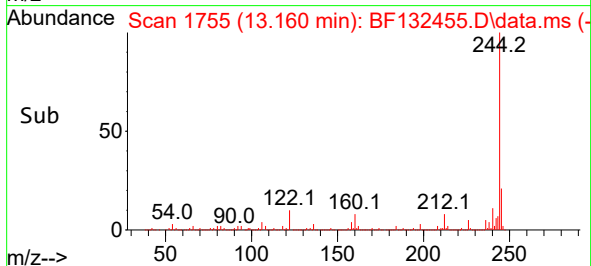
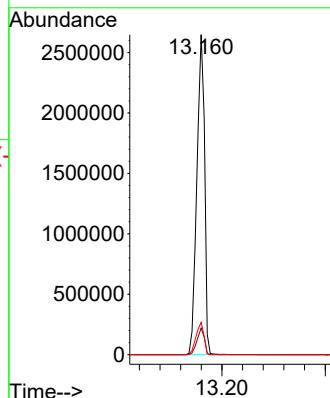
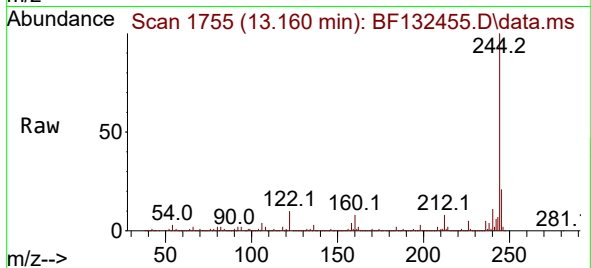
Tgt Ion:244 Resp: 2748145

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

122 10.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.777 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF132455.D

Acq: 17 Feb 2023 17:47

Tgt Ion:264 Resp: 527381

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.8 17.2 25.8

