

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022123\
 Data File : BF132495.D
 Acq On : 21 Feb 2023 14:33
 Operator : CG\JU
 Sample : PB150926BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150926BL

Quant Time: Feb 22 00:51:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 16:43:07 2023
 Response via : Initial Calibration

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

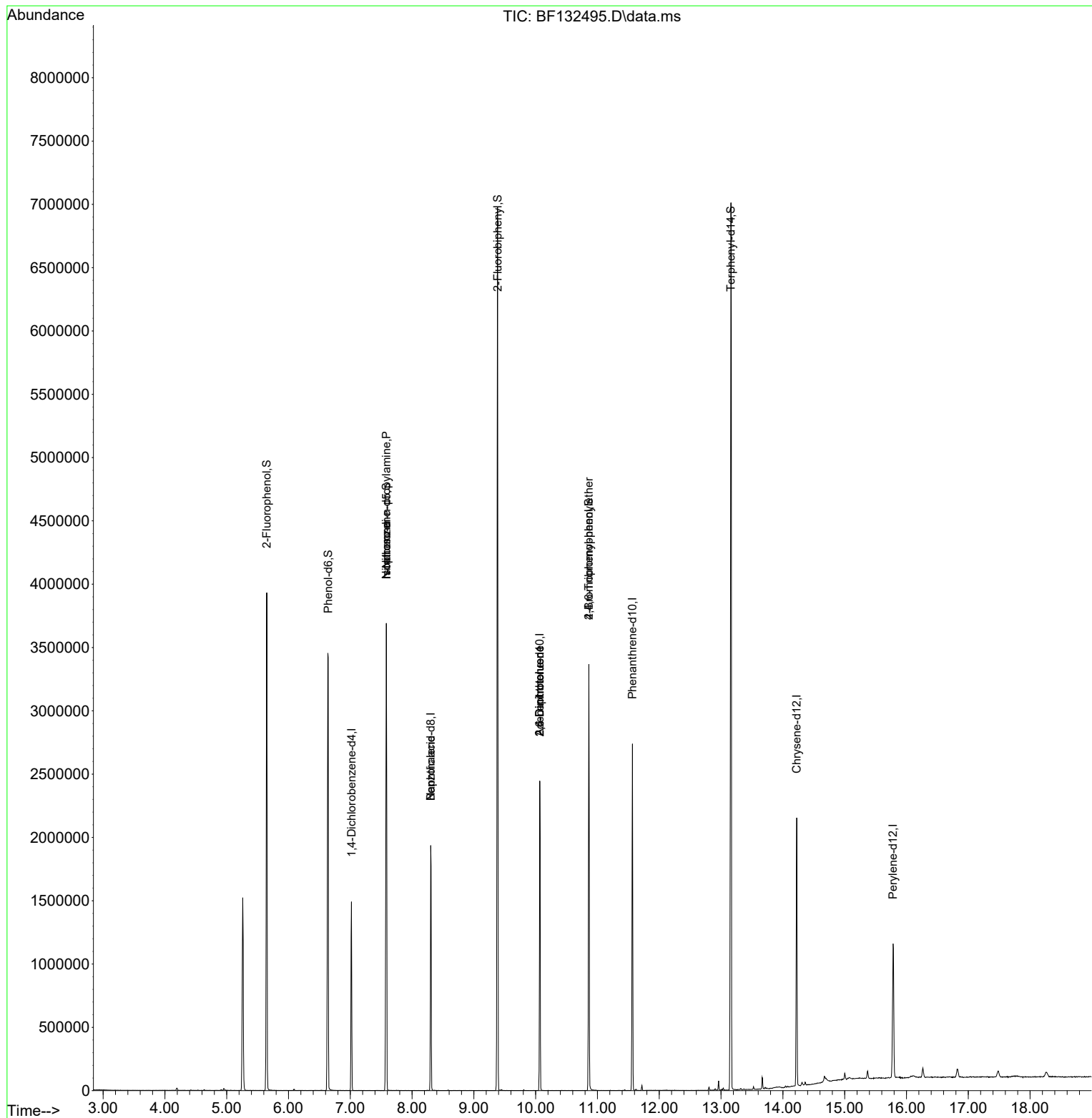
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.019	152	209702	20.000	ng	0.00
21) Naphthalene-d8	8.301	136	840174	20.000	ng	-0.01
39) Acenaphthene-d10	10.066	164	494652	20.000	ng	-0.01
64) Phenanthrene-d10	11.566	188	968576	20.000	ng	0.00
76) Chrysene-d12	14.224	240	711926	20.000	ng	0.00
86) Perylene-d12	15.783	264	521033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1070910	81.830	ng	0.00
7) Phenol-d6	6.642	99	1378095	80.644	ng	0.00
23) Nitrobenzene-d5	7.584	82	1323014	75.663	ng	-0.01
42) 2,4,6-Tribromophenol	10.860	330	377044	76.397	ng	-0.01
45) 2-Fluorobiphenyl	9.383	172	2148595	67.079	ng	0.00
79) Terphenyl-d14	13.160	244	2854548	73.023	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.584	70	179056	17.092	ng	# 78
25) Isophorone	7.584	82	1323004	38.505	ng	# 68
32) Benzoic acid	8.301	122	277	7.174	ng	# 1
51) 2,6-Dinitrotoluene	10.066	165	64271	8.113	ng	# 19
57) 2,4-Dinitrotoluene	10.066	165	64271	6.163	ng	# 20
67) 4-Bromophenyl-phenylether	10.860	248	26138	2.462	ng	# 1

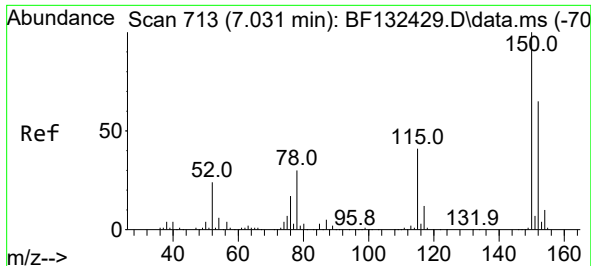
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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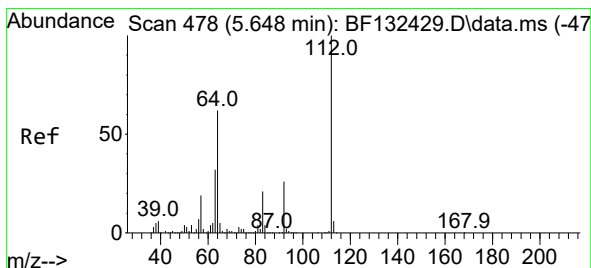
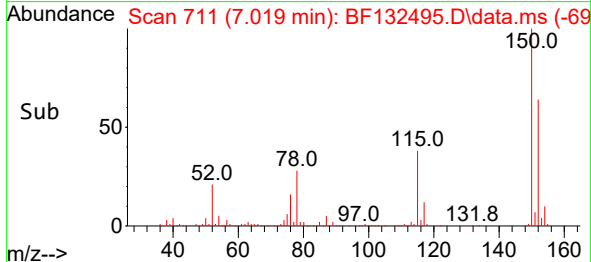
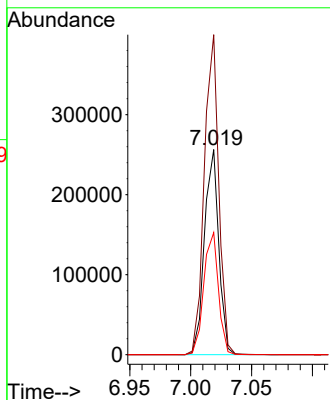
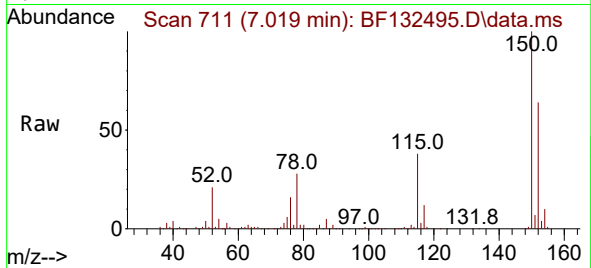




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.019 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

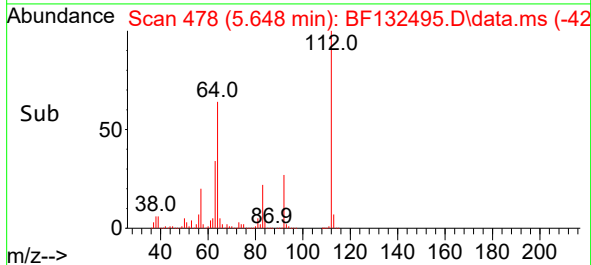
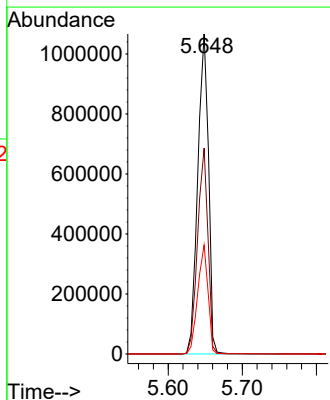
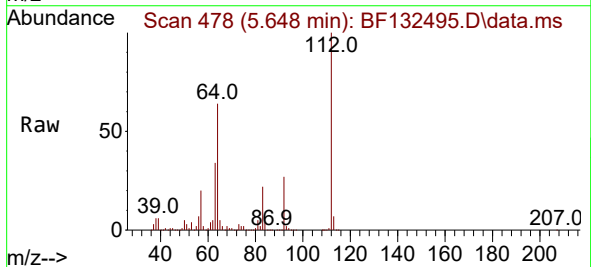
Instrument :
BNA_F
ClientSampleId :
PB150926BL

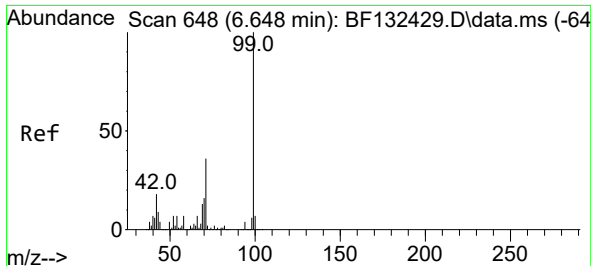
Tgt Ion:152 Resp: 209702
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.8
115 59.5 50.4 75.6



#5
2-Fluorophenol
Concen: 81.830 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.006 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

Tgt Ion:112 Resp: 1070910
Ion Ratio Lower Upper
112 100
64 64.3 49.7 74.5
63 34.0 25.8 38.8

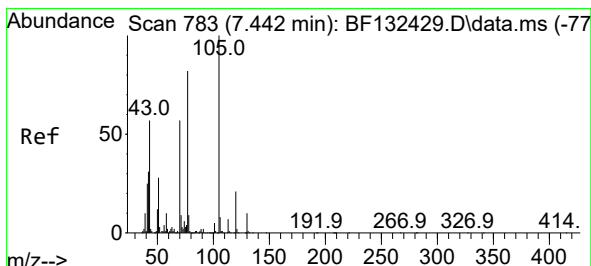
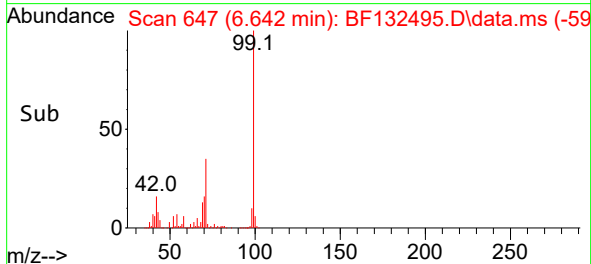
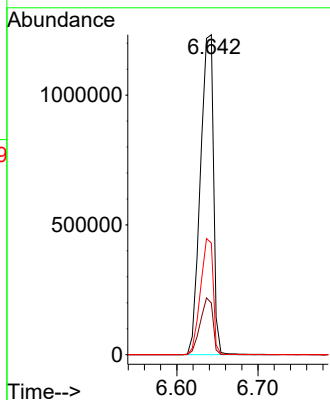
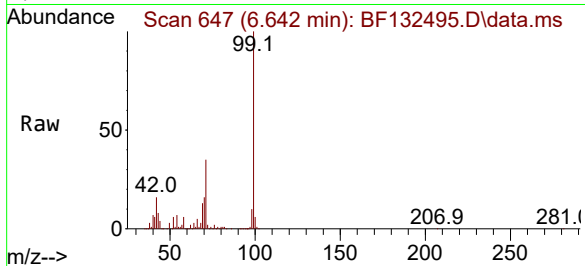




#7
Phenol-d6
Concen: 80.644 ng
RT: 6.642 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

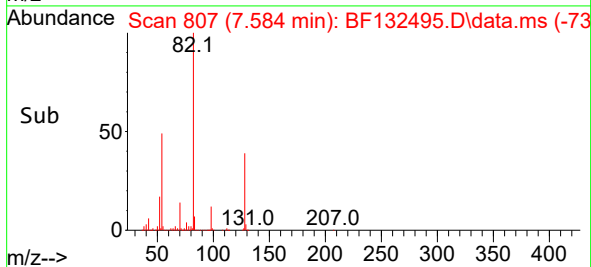
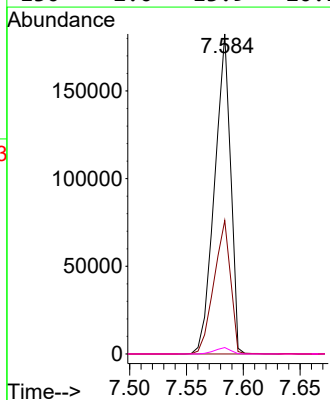
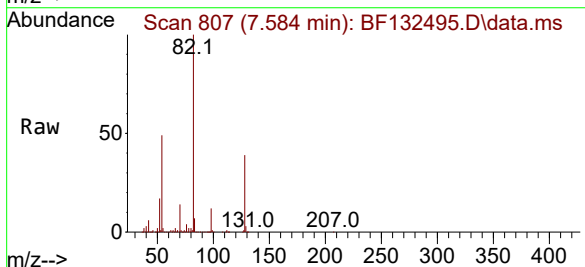
Instrument :
BNA_F
ClientSampleId :
PB150926BL

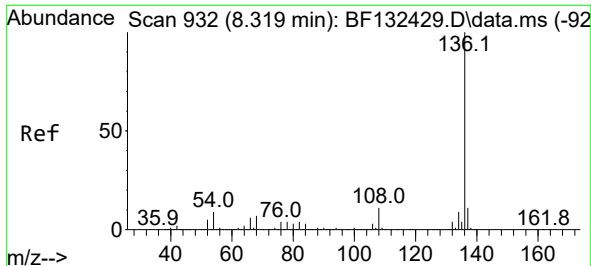
Tgt Ion: 99 Resp: 1378095
Ion Ratio Lower Upper
99 100
42 16.1 14.6 21.8
71 34.9 28.7 43.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.092 ng
RT: 7.584 min Scan# 807
Delta R.T. 0.147 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

Tgt Ion: 70 Resp: 179056
Ion Ratio Lower Upper
70 100
42 41.7 43.5 65.3#
101 0.0 7.3 10.9#
130 2.0 13.9 20.9#

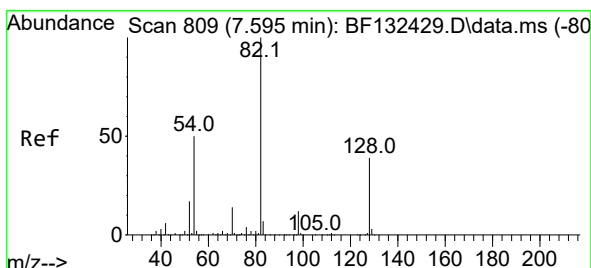
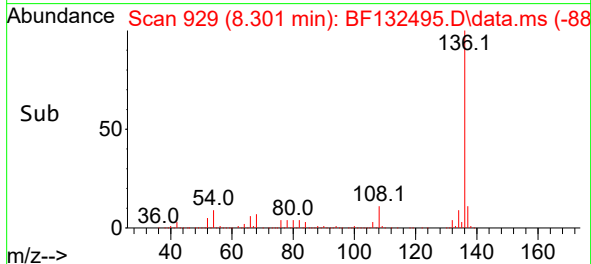
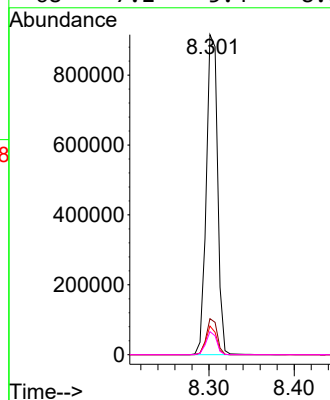
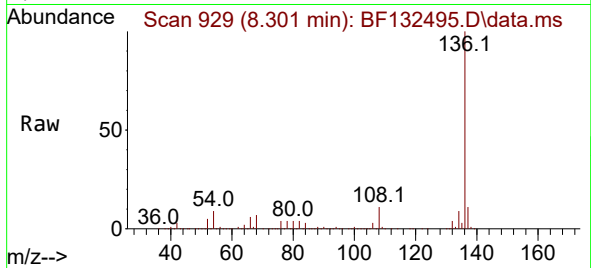




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.301 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

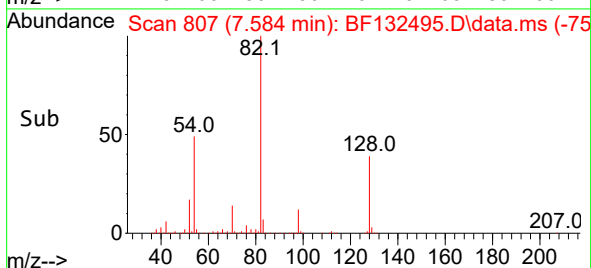
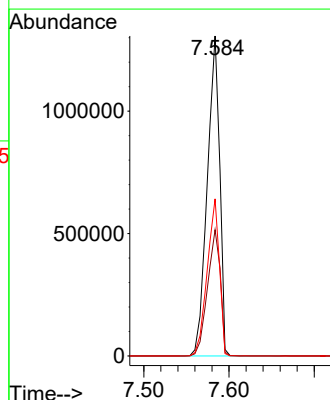
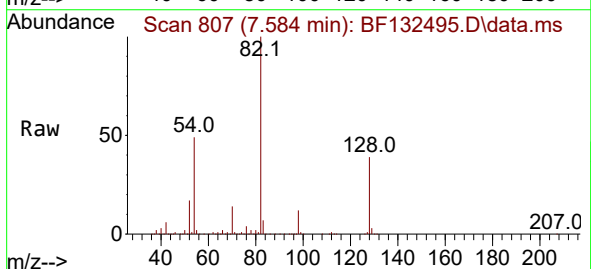
Instrument :
BNA_F
ClientSampleId :
PB150926BL

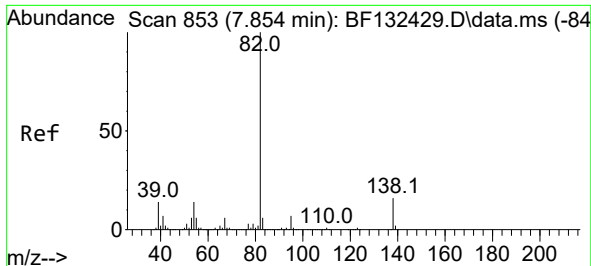
Tgt Ion:	136	Resp:	840174
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	9.0	6.9	10.3
68	7.2	5.4	8.0



#23
Nitrobenzene-d5
Concen: 75.663 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

Tgt Ion:	82	Resp:	1323014
Ion Ratio	Lower	Upper	
82	100		
128	39.5	30.8	46.2
54	49.1	40.2	60.4





#25

Isophorone

Concen: 38.505 ng

RT: 7.584 min Scan# 80

Delta R.T. -0.265 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

Instrument :

BNA_F

ClientSampleId :

PB150926BL

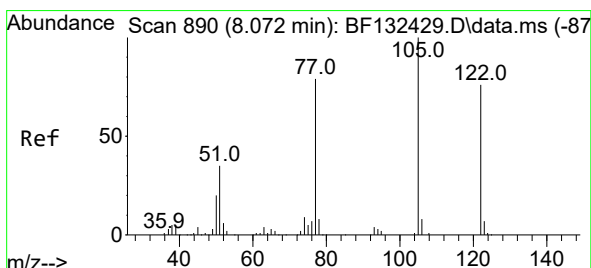
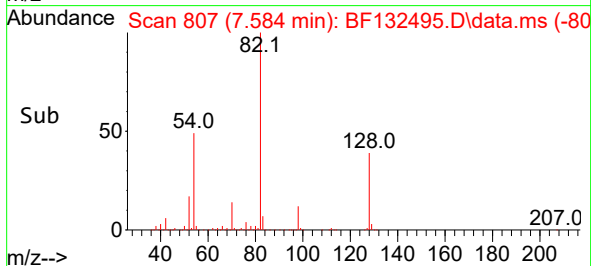
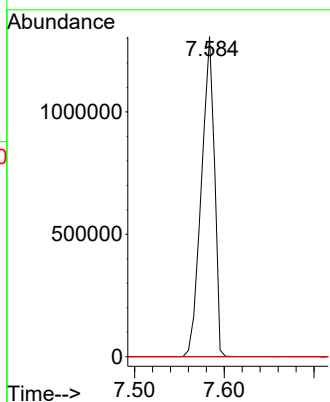
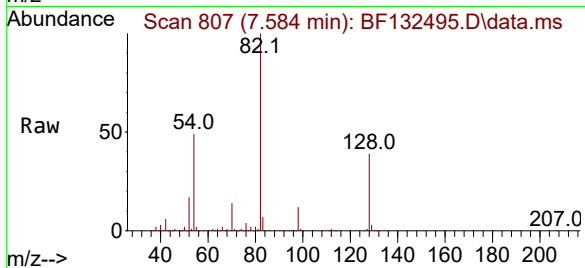
Tgt Ion: 82 Resp: 1323004

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 12.7 19.1#



#32

Benzoic acid

Concen: 7.174 ng

RT: 8.301 min Scan# 929

Delta R.T. 0.224 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

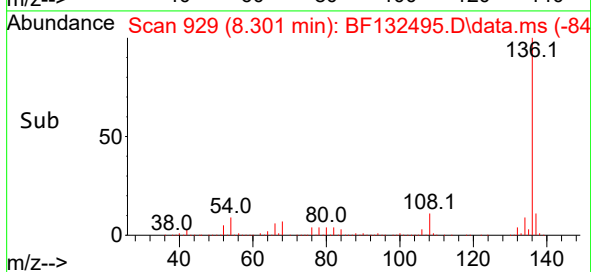
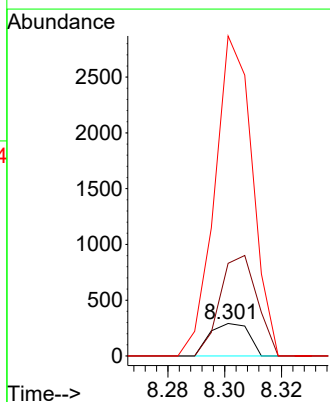
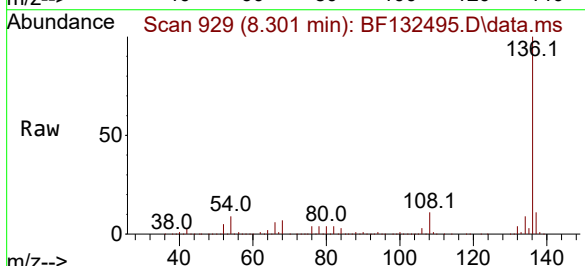
Tgt Ion:122 Resp: 277

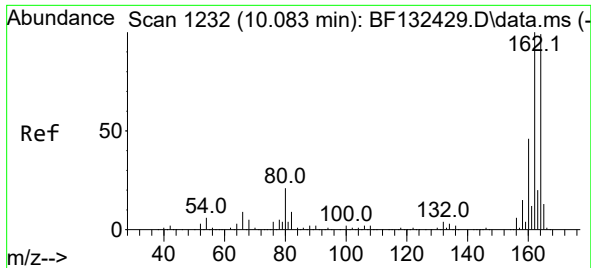
Ion Ratio Lower Upper

122 100

105 284.2 109.7 149.7#

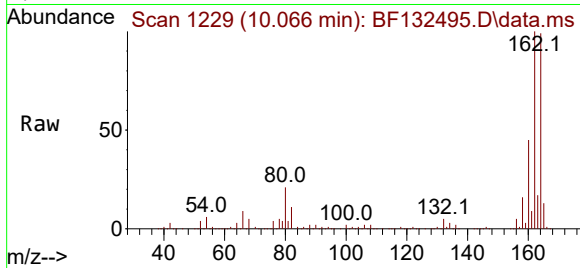
77 982.5 83.8 123.8#



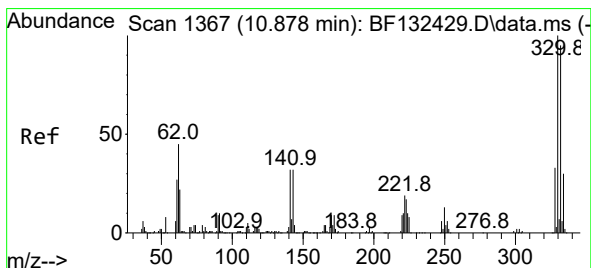
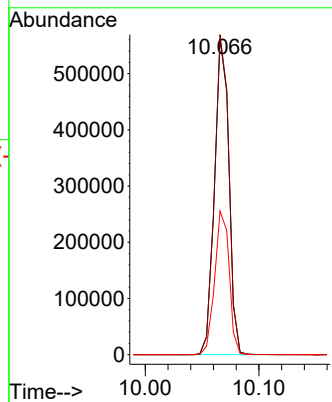
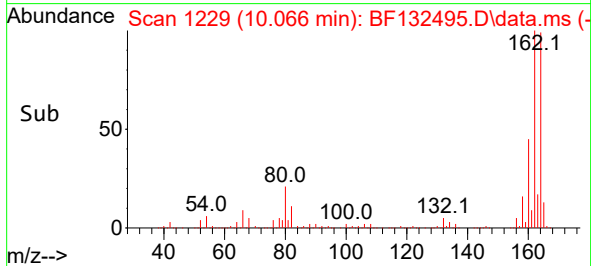


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.066 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

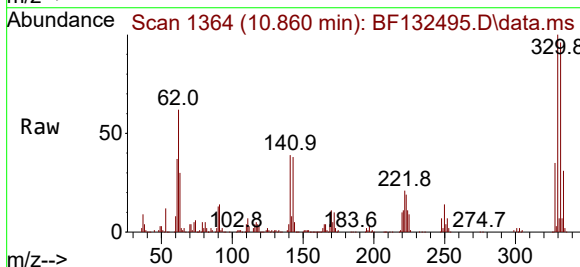
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ClientSampleId :
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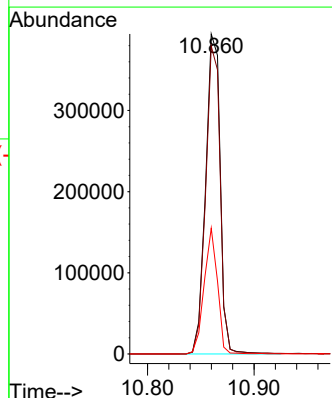
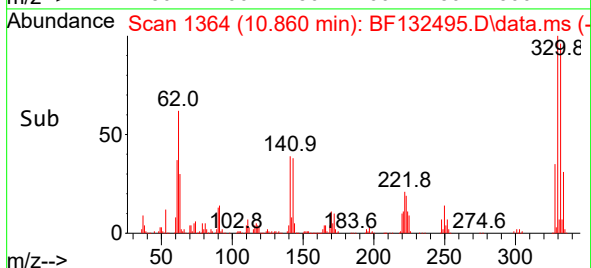
Tgt Ion:164 Resp: 494652
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 45.4 37.2 55.8

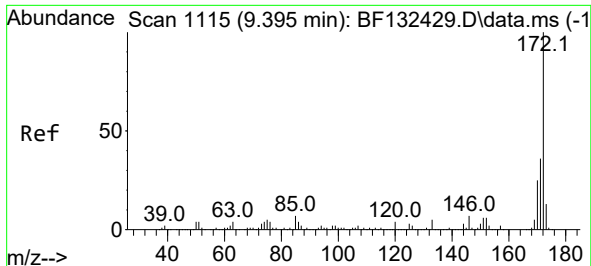


#42
2,4,6-Tribromophenol
Concen: 76.397 ng
RT: 10.860 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33



Tgt Ion:330 Resp: 377044
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 36.0 30.3 45.5





#45

2-Fluorobiphenyl

Concen: 67.079 ng

RT: 9.383 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

Instrument :

BNA_F

ClientSampleId :

PB150926BL

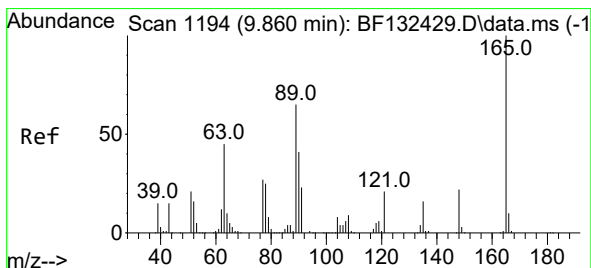
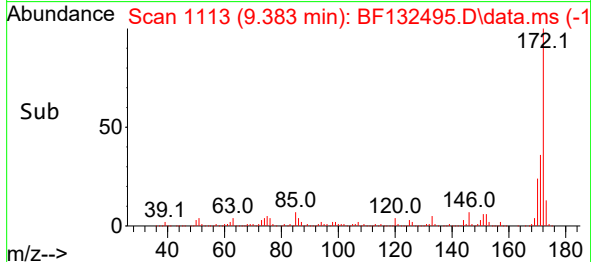
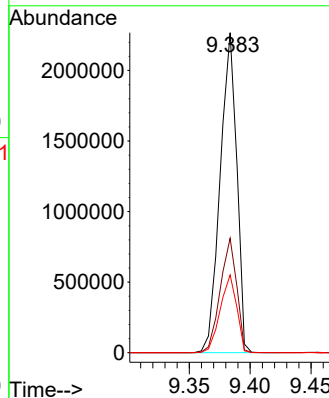
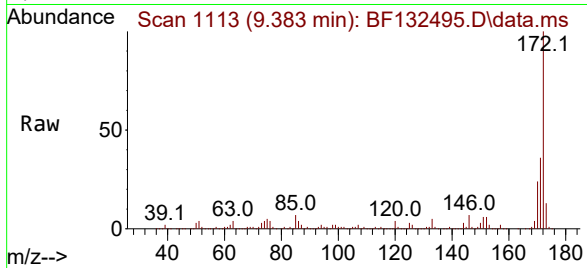
Tgt Ion:172 Resp: 2148595

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 24.3 19.9 29.9



#51

2,6-Dinitrotoluene

Concen: 8.113 ng

RT: 10.066 min Scan# 1229

Delta R.T. 0.212 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

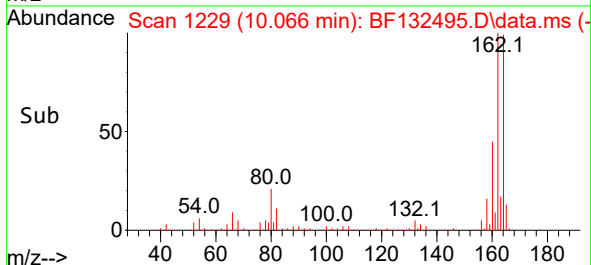
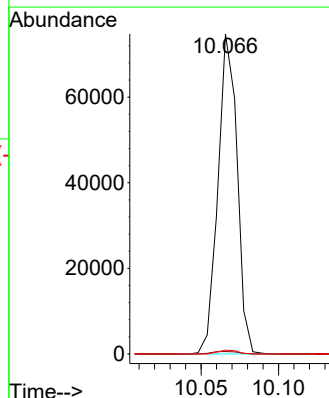
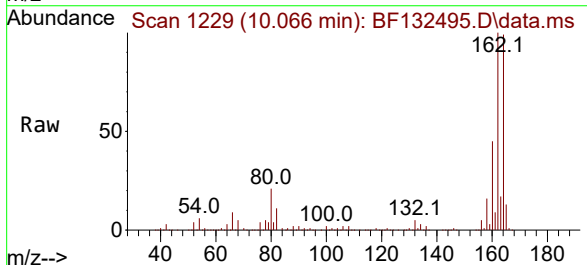
Tgt Ion:165 Resp: 64271

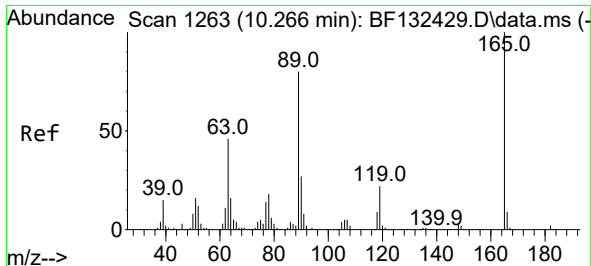
Ion Ratio Lower Upper

165 100

63 0.7 50.4 75.6#

89 1.2 52.2 78.2#

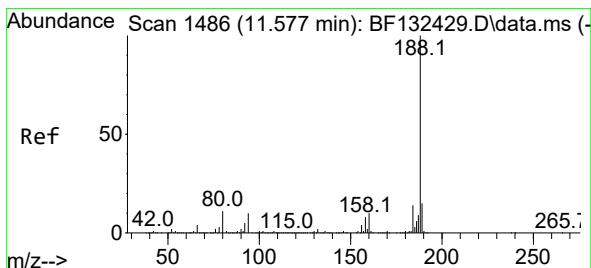
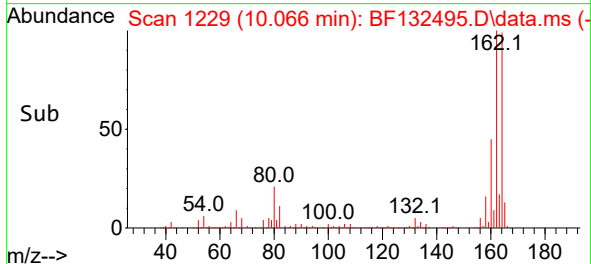
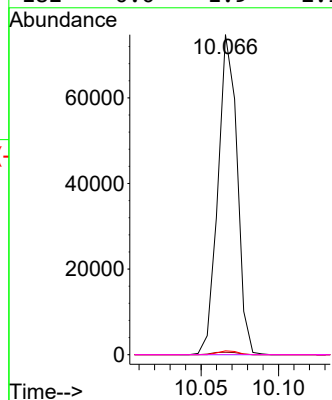
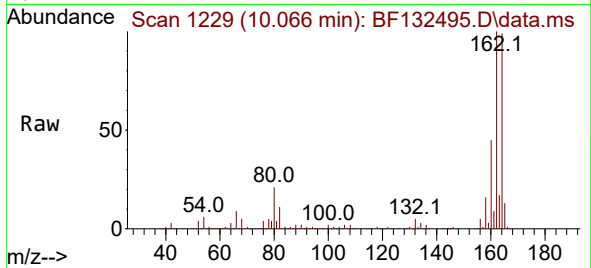




#57
2,4-Dinitrotoluene
Concen: 6.163 ng
RT: 10.066 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

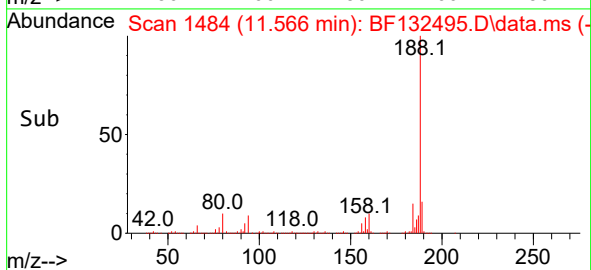
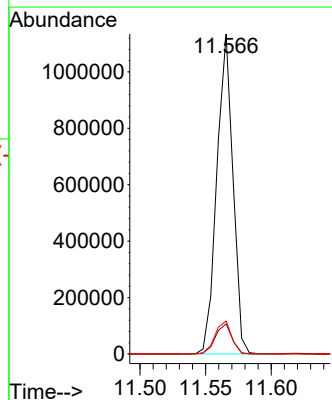
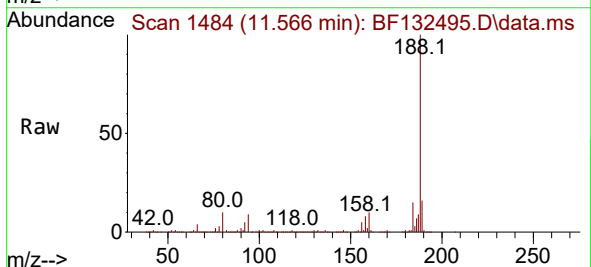
Instrument :
BNA_F
ClientSampleId :
PB150926BL

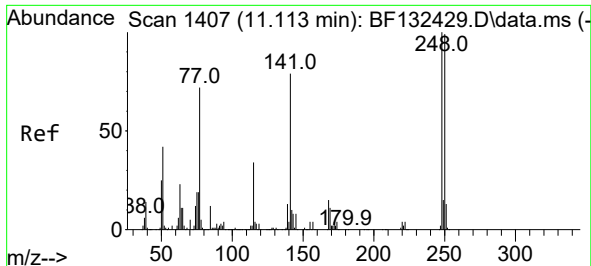
Tgt Ion:165 Resp: 64271
Ion Ratio Lower Upper
165 100
63 0.7 37.1 55.7#
89 1.2 63.6 95.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.566 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

Tgt Ion:188 Resp: 968576
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.3 8.6 12.8

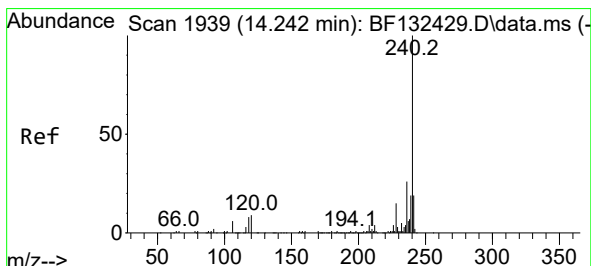
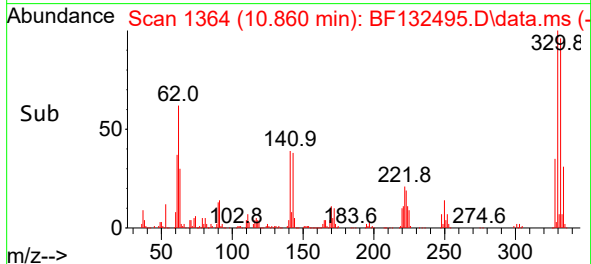
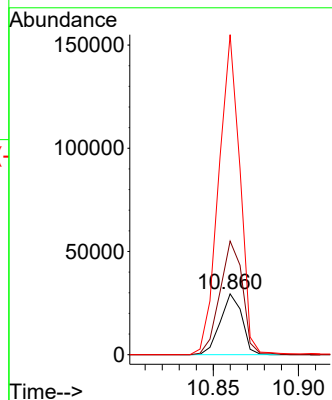
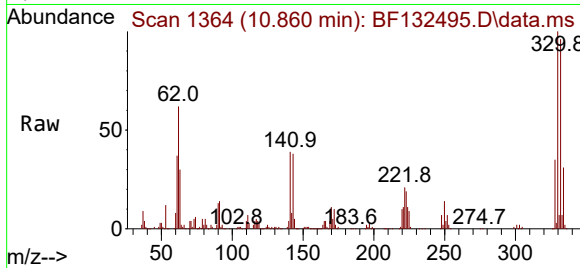




#67
4-Bromophenyl-phenylether
Concen: 2.462 ng
RT: 10.860 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

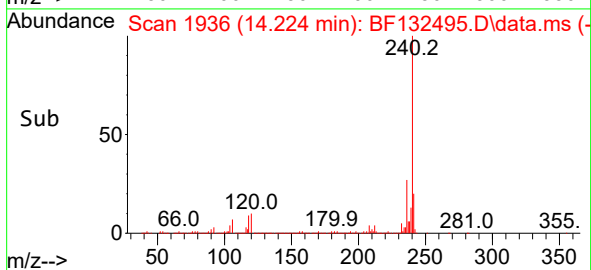
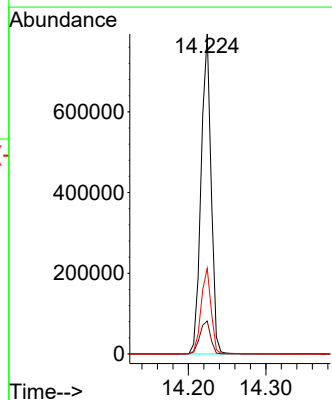
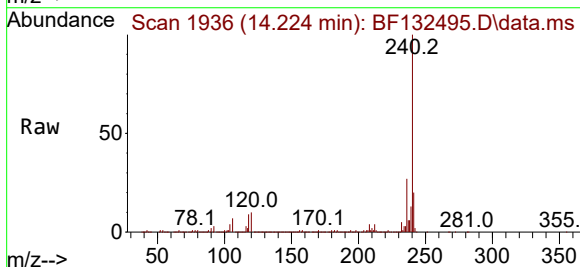
Instrument :
BNA_F
ClientSampleId :
PB150926BL

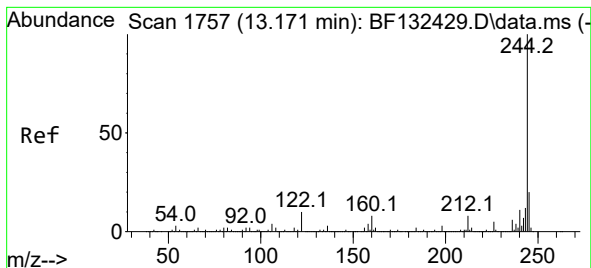
Tgt Ion:248 Resp: 26138
Ion Ratio Lower Upper
248 100
250 186.7 79.0 118.4#
141 526.2 63.3 94.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.224 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BF132495.D
Acq: 21 Feb 2023 14:33

Tgt Ion:240 Resp: 711926
Ion Ratio Lower Upper
240 100
120 10.3 7.5 11.3
236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 73.023 ng

RT: 13.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

Instrument :

BNA_F

ClientSampleId :

PB150926BL

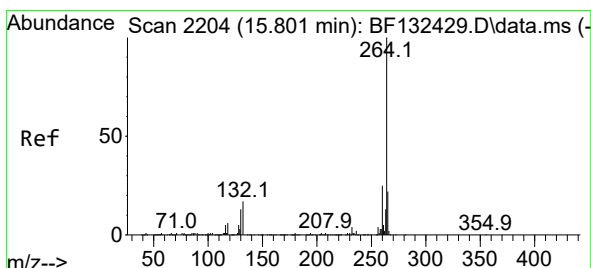
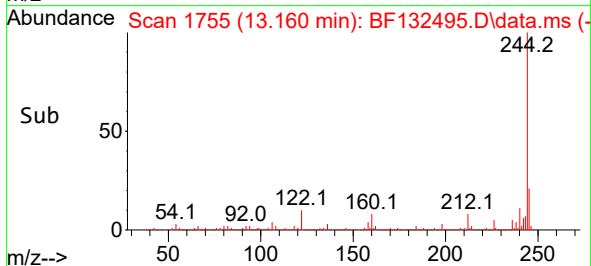
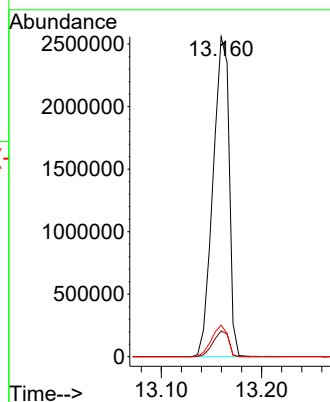
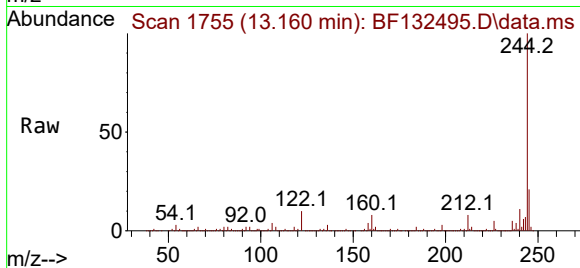
Tgt Ion:244 Resp: 2854548

Ion Ratio Lower Upper

244 100

212 8.0 6.7 10.1

122 9.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.783 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF132495.D

Acq: 21 Feb 2023 14:33

Tgt Ion:264 Resp: 521033

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 22.2 17.2 25.8

