

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132127.D
 Acq On : 18 Jan 2023 19:58
 Operator : CG\JU
 Sample : 01184-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 APNB-WEST

Quant Time: Jan 19 05:22:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

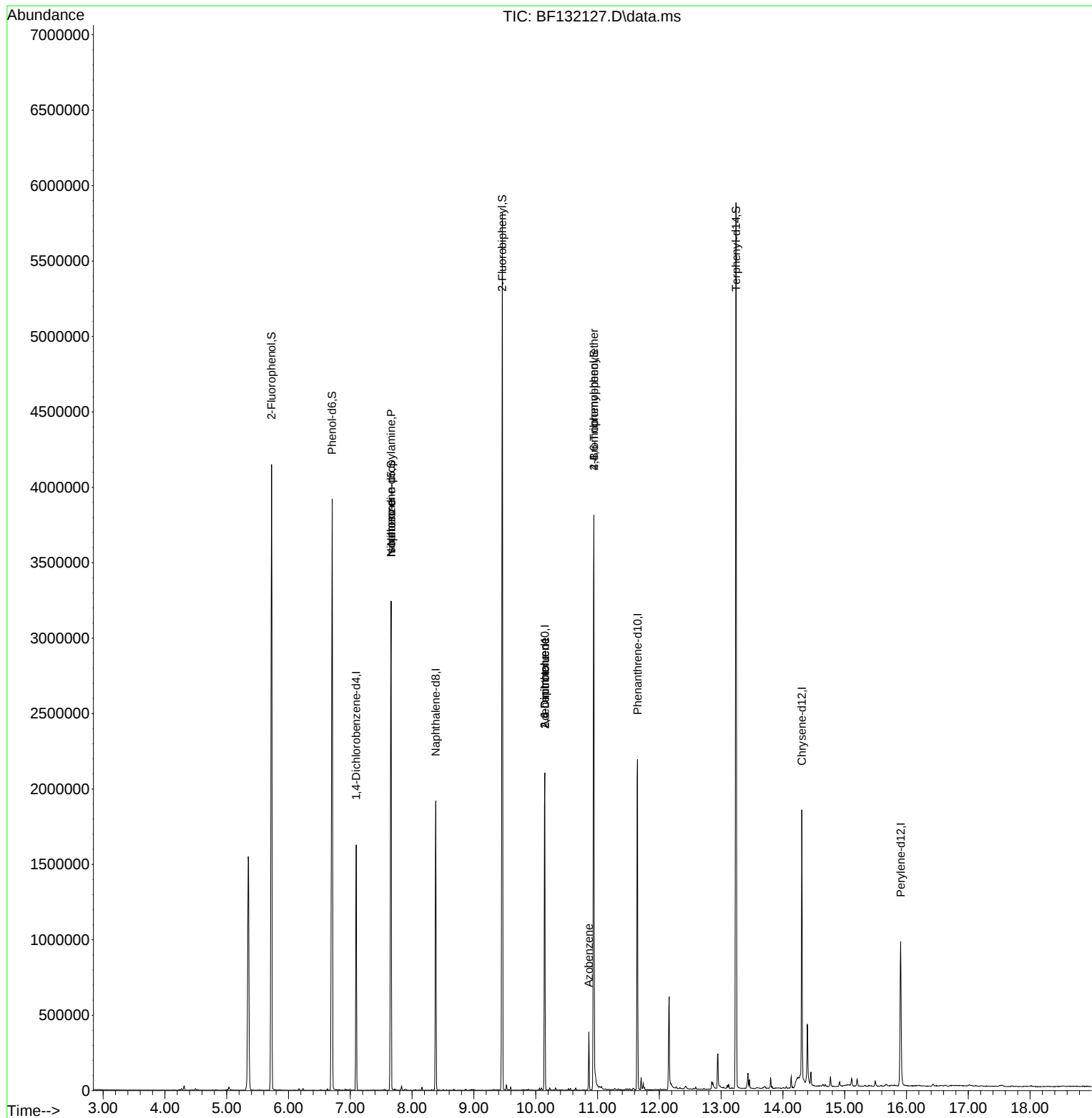
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	214555	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	772565	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	419508	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	828999	20.000	ng	0.00
76) Chrysene-d12	14.307	240	579106	20.000	ng	0.00
86) Perylene-d12	15.907	264	473159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1184973	98.260	ng	0.00
7) Phenol-d6	6.707	99	1550629	99.531	ng	0.00
23) Nitrobenzene-d5	7.660	82	1039279	71.405	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	495978	108.057	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1737030	72.043	ng	0.00
79) Terphenyl-d14	13.242	244	2144556	60.086	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.660	70	141432	14.440	ng	# 79
25) Isophorone	7.660	82	1038245	35.651	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	53774	8.289	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	53774	6.711	ng	# 16
63) Azobenzene	10.860	77	59826	2.011	ng	# 1
67) 4-Bromophenyl-phenylether	10.942	248	31726	3.369	ng	# 1

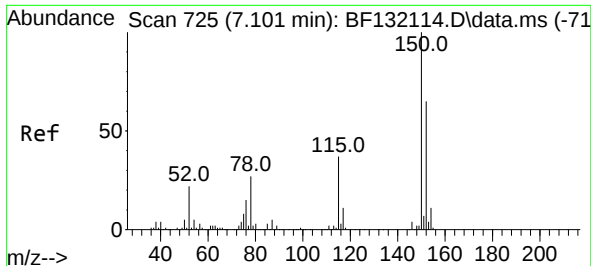
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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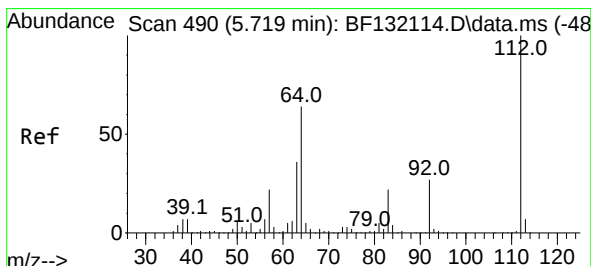
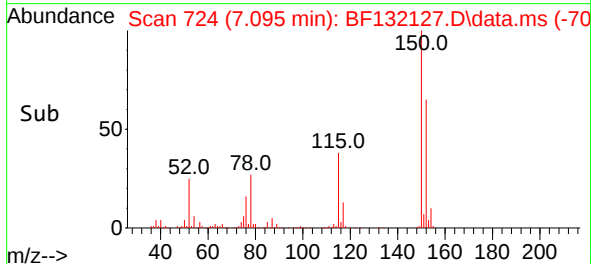
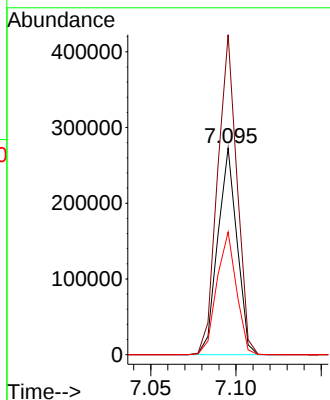
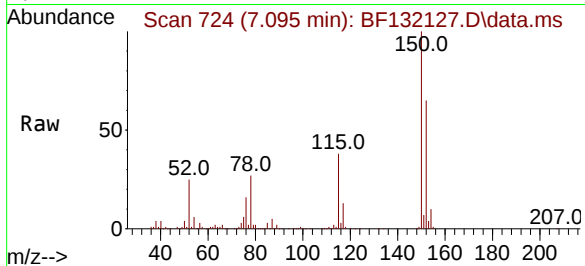




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

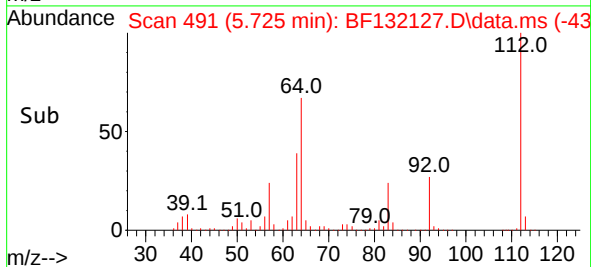
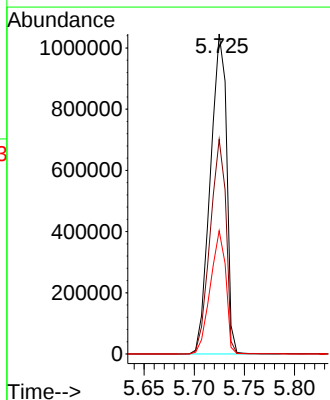
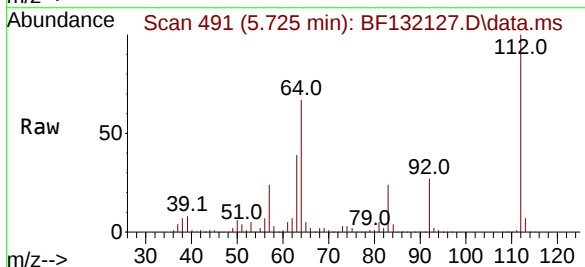
Instrument :
BNA_F
ClientSampleId :
APNB-WEST

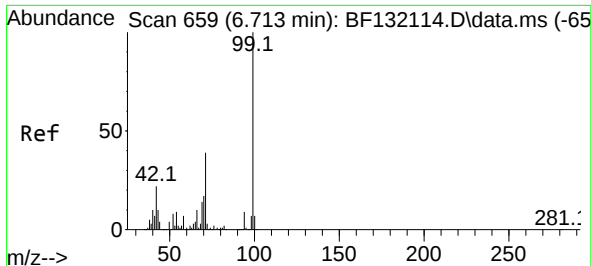
Tgt Ion:152 Resp: 214555
Ion Ratio Lower Upper
152 100
150 154.8 123.3 184.9
115 59.4 45.8 68.6



#5
2-Fluorophenol
Concen: 98.260 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion:112 Resp: 1184973
Ion Ratio Lower Upper
112 100
64 67.1 51.0 76.6
63 38.5 28.7 43.1



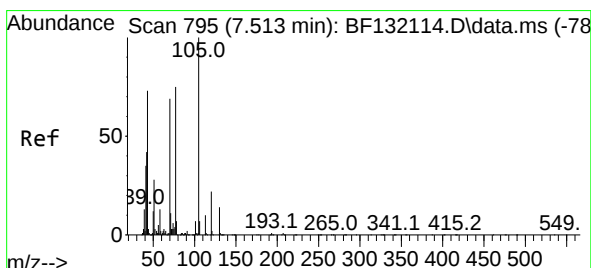
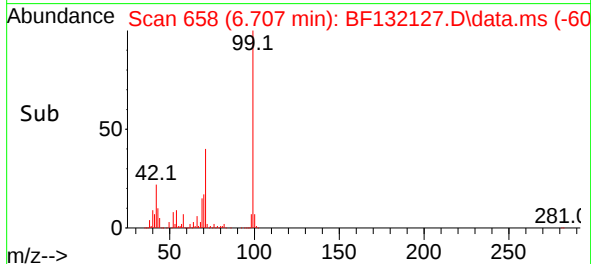
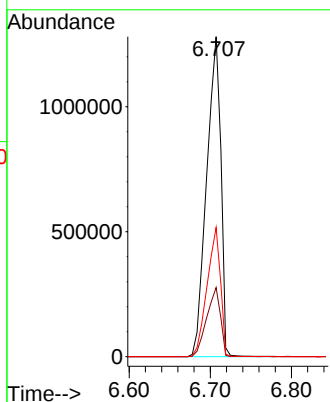
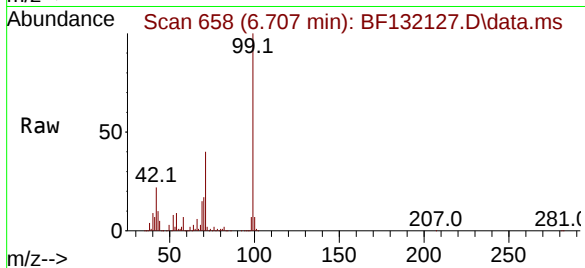


#7
Phenol-d6
Concen: 99.531 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Instrument :
BNA_F
ClientSampleId :
APNB-WEST

Tgt Ion: 99 Resp: 1550629

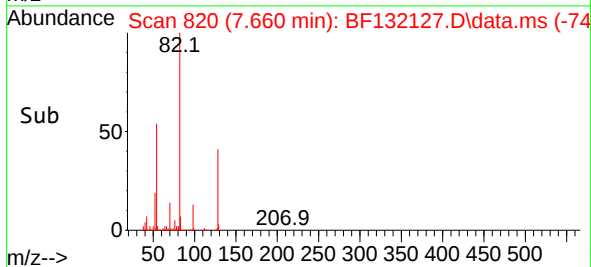
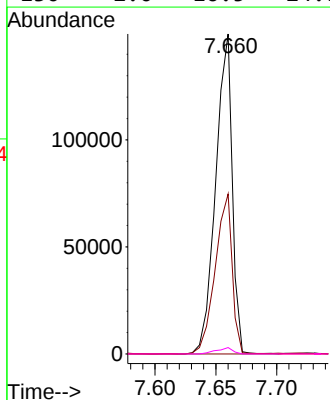
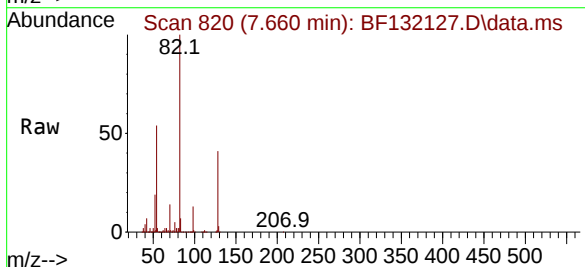
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.2	25.8
71	40.3	31.0	46.6

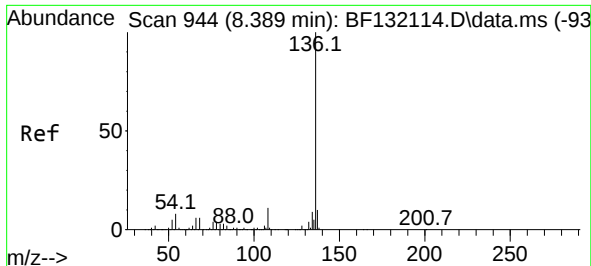


#19
n-Nitroso-di-n-propylamine
Concen: 14.440 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion: 70 Resp: 141432

Ion	Ratio	Lower	Upper
70	100		
42	50.0	48.5	72.7
101	0.0	7.8	11.8#
130	2.0	16.5	24.7#

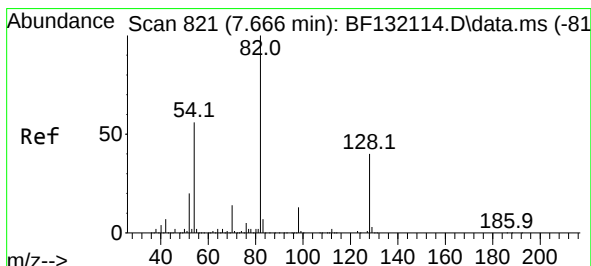
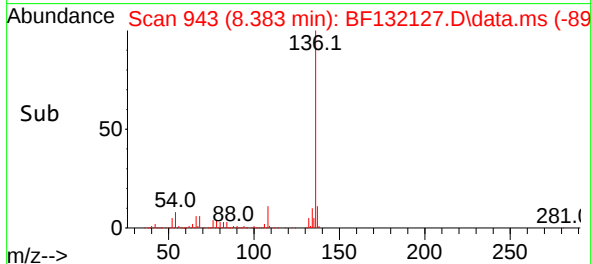
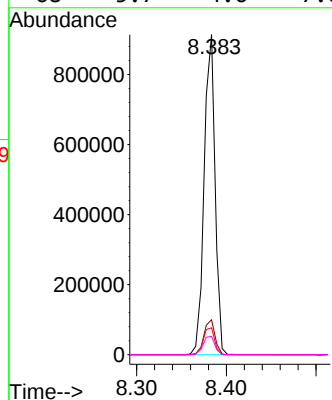
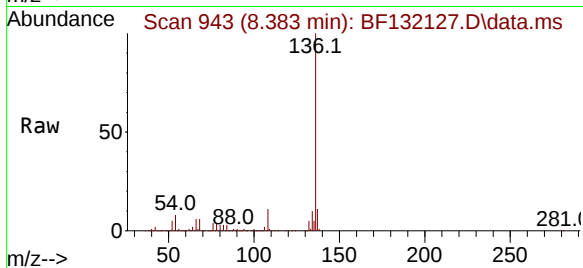




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

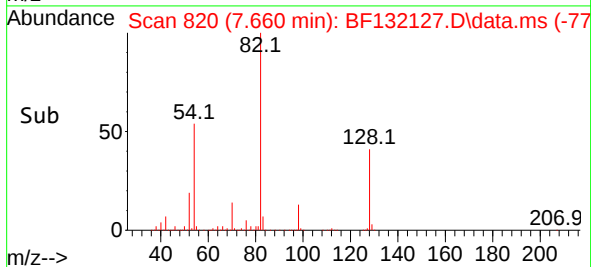
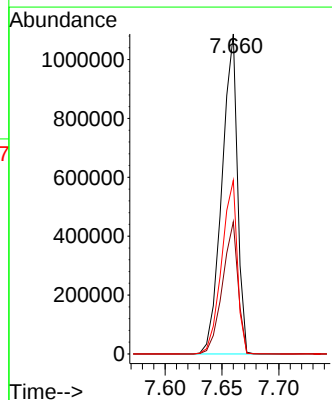
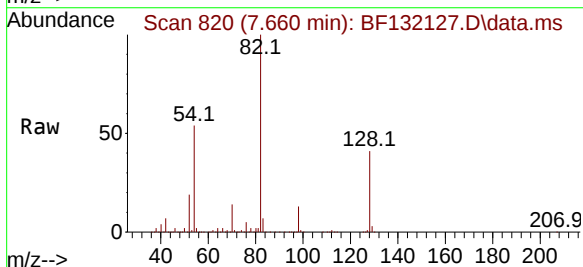
Instrument :
BNA_F
ClientSampleId :
APNB-WEST

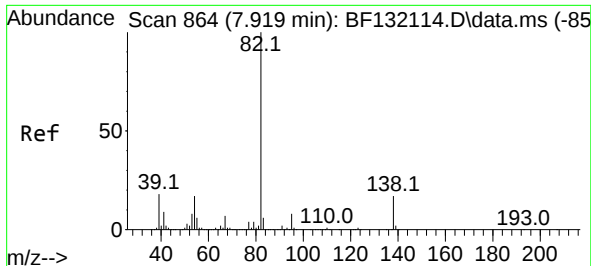
Tgt Ion:136 Resp: 772565
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.4 6.6 10.0
68 5.7 4.6 7.0



#23
Nitrobenzene-d5
Concen: 71.405 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion: 82 Resp: 1039279
Ion Ratio Lower Upper
82 100
128 41.3 32.0 48.0
54 54.2 45.1 67.7

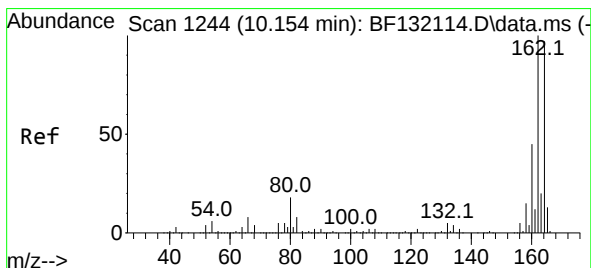
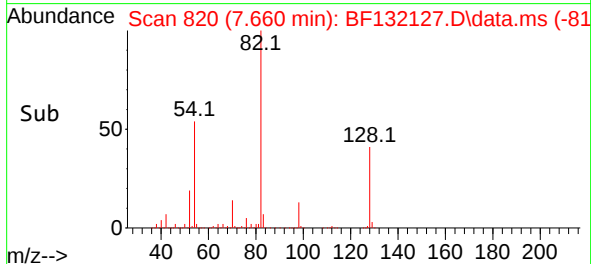
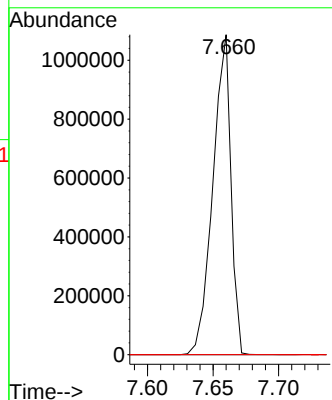
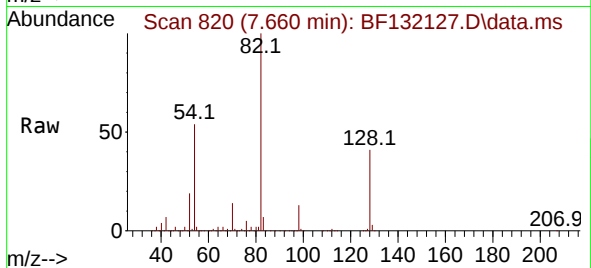




#25
Isophorone
Concen: 35.651 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

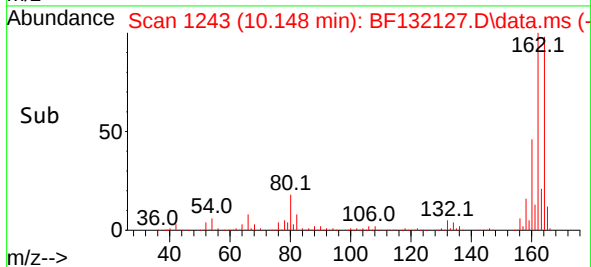
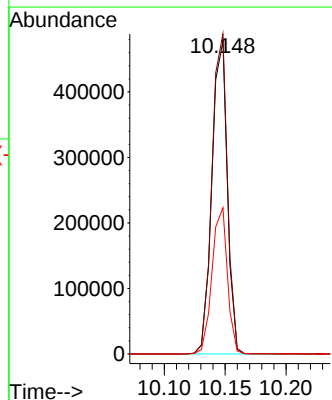
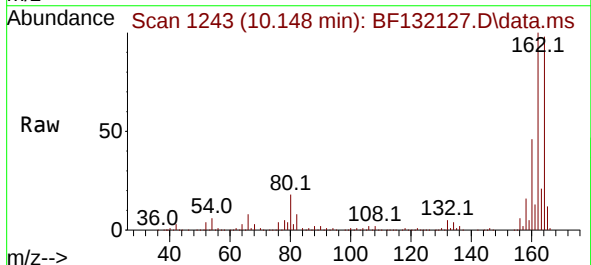
Instrument :
BNA_F
ClientSampleId :
APNB-WEST

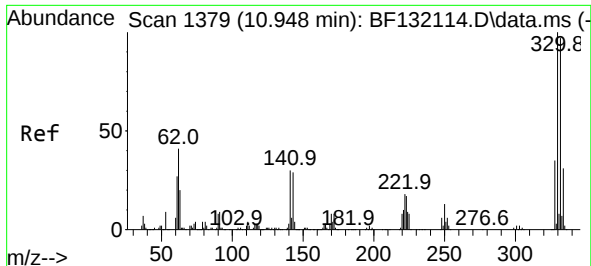
Tgt Ion: 82 Resp: 1038245
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion:164 Resp: 419508
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 46.7 37.3 55.9

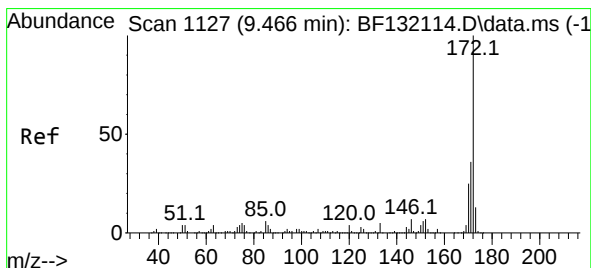
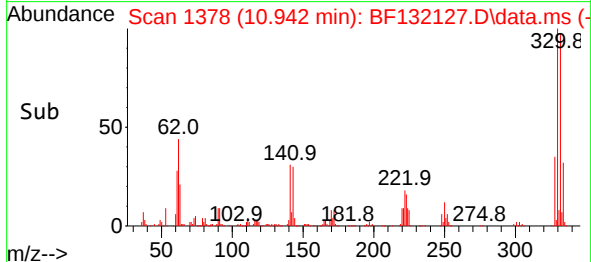
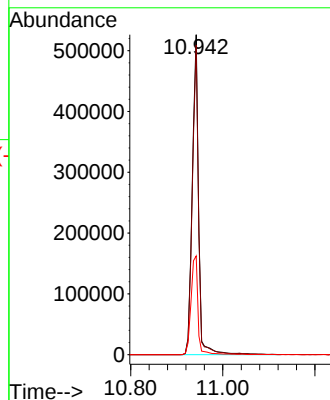
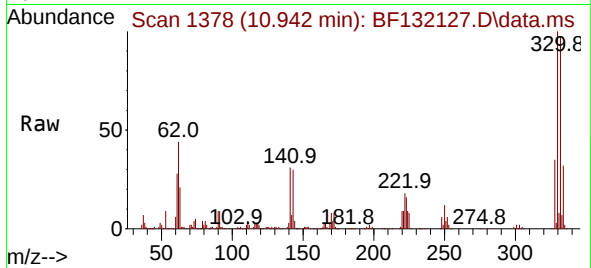




#42
2,4,6-Tribromophenol
Concen: 108.057 ng
RT: 10.942 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

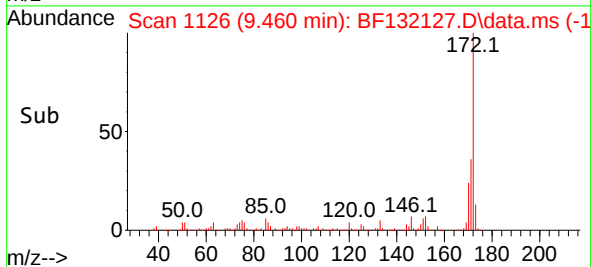
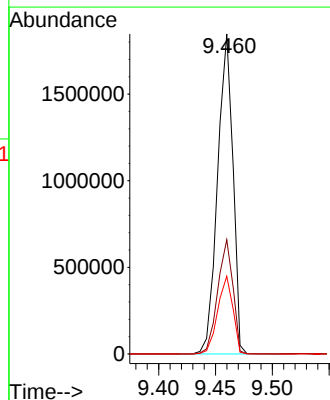
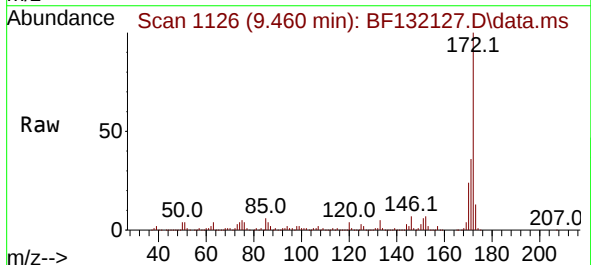
Instrument :
BNA_F
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APNB-WEST

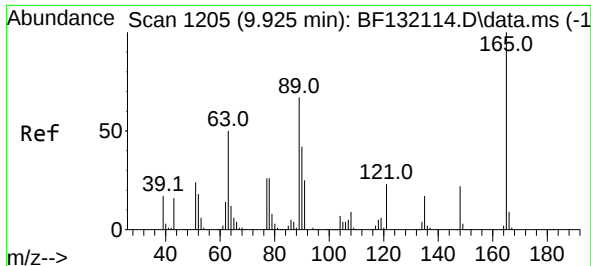
Tgt Ion:330 Resp: 495978
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 34.4 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 72.043 ng
RT: 9.460 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion:172 Resp: 1737030
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.3 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.289 ng

RT: 10.148 min Scan# 1243

Delta R.T. 0.224 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

Instrument :

BNA_F

ClientSampleId :

APNB-WEST

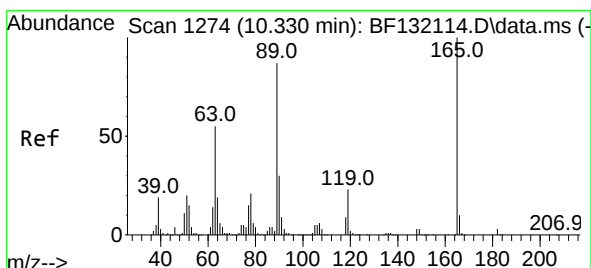
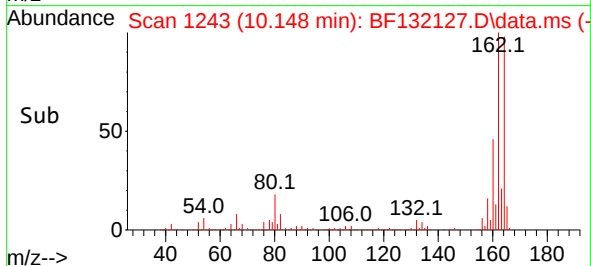
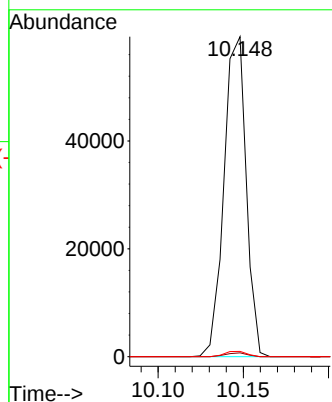
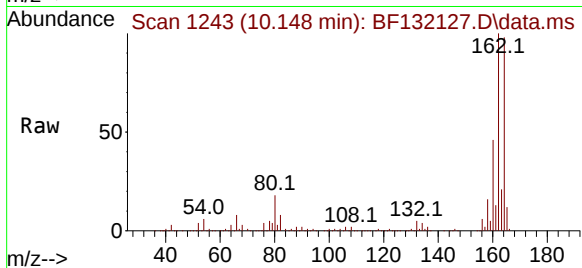
Tgt Ion:165 Resp: 53774

Ion Ratio Lower Upper

165 100

63 1.2 57.0 85.4#

89 1.7 54.0 81.0#



#57

2,4-Dinitrotoluene

Concen: 6.711 ng

RT: 10.148 min Scan# 1243

Delta R.T. -0.182 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

Tgt Ion:165 Resp: 53774

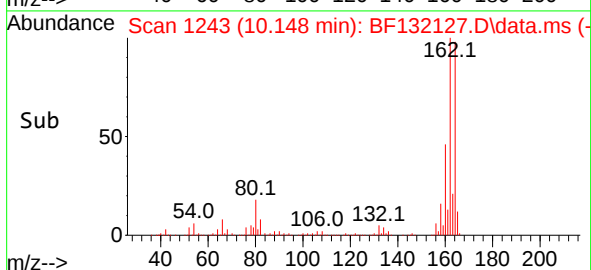
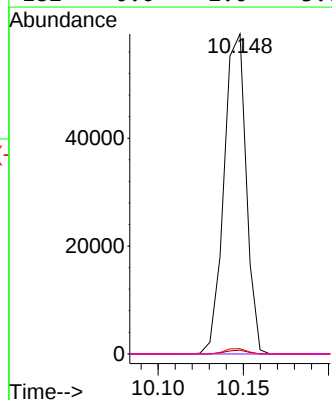
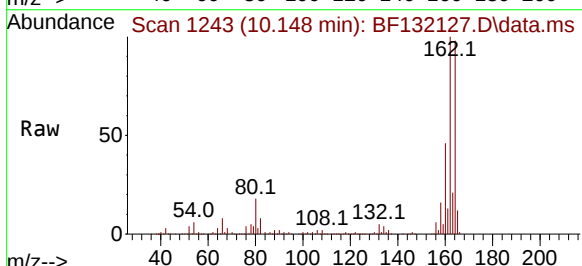
Ion Ratio Lower Upper

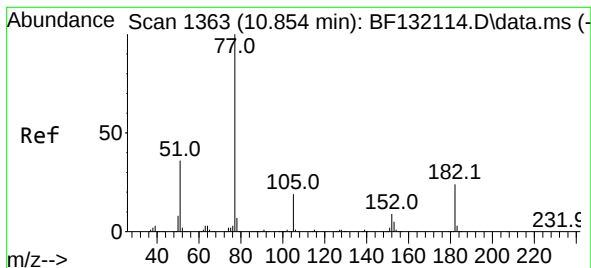
165 100

63 1.2 44.1 66.1#

89 1.7 69.3 103.9#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.011 ng

RT: 10.860 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

Instrument :

BNA_F

ClientSampleId :

APNB-WEST

Tgt Ion: 77 Resp: 59826

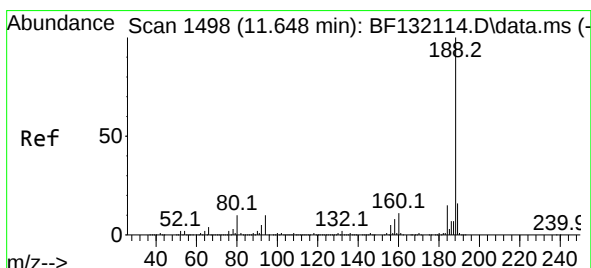
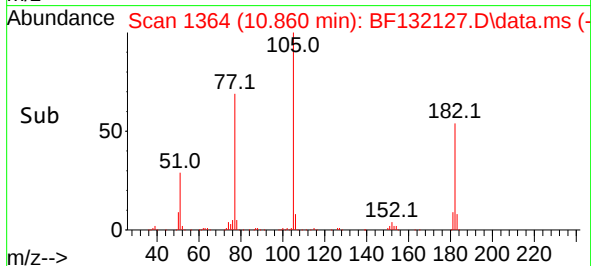
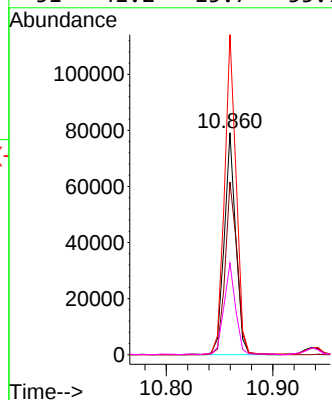
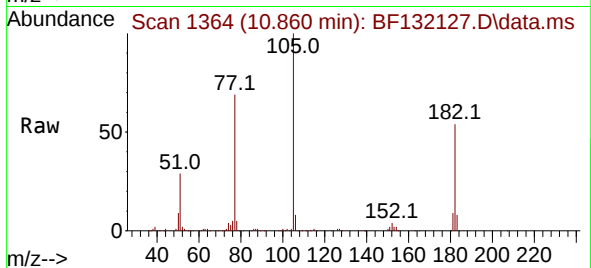
Ion Ratio Lower Upper

77 100

182 77.8 4.1 44.1#

105 144.2 0.0 39.1#

51 41.2 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

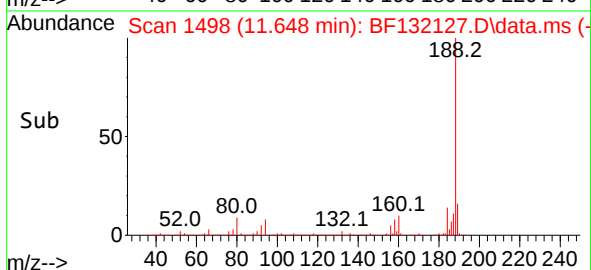
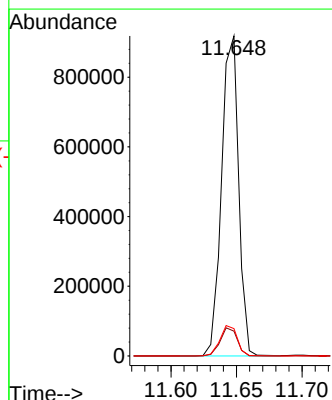
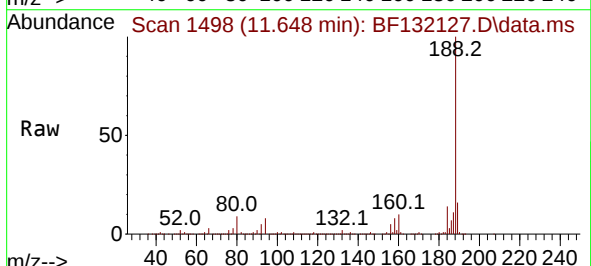
Tgt Ion: 188 Resp: 828999

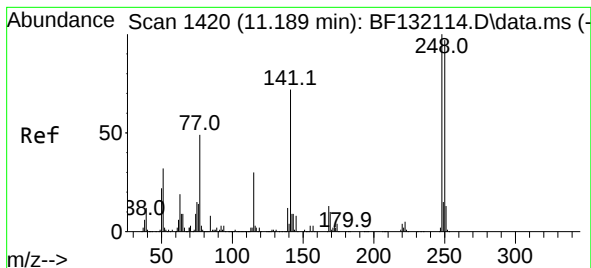
Ion Ratio Lower Upper

188 100

94 7.8 7.8 11.6

80 8.5 8.2 12.4

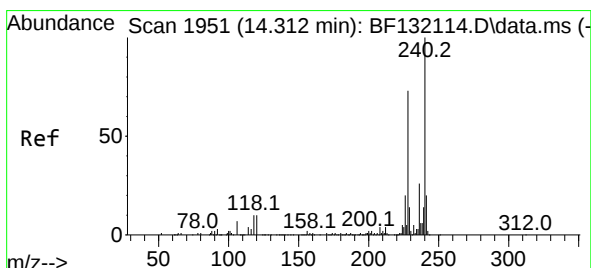
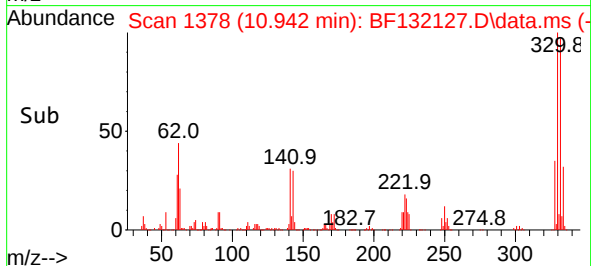
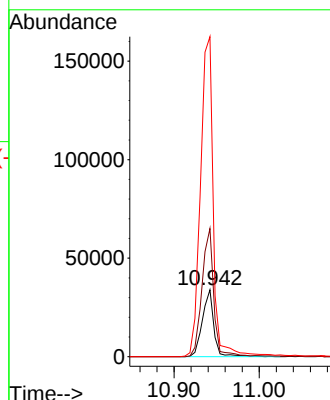
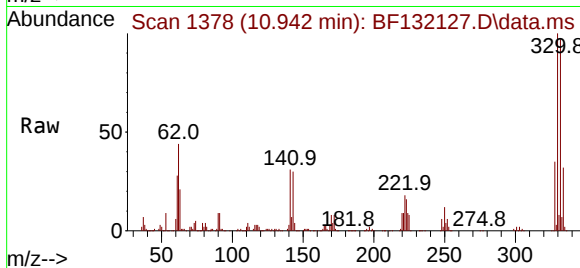




#67
4-Bromophenyl-phenylether
Concen: 3.369 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

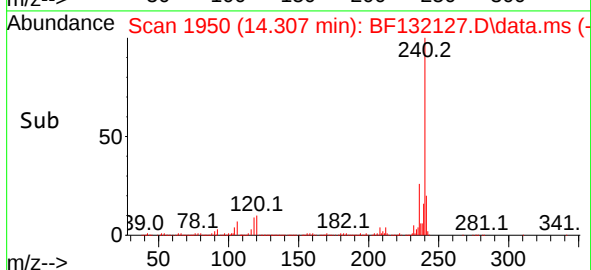
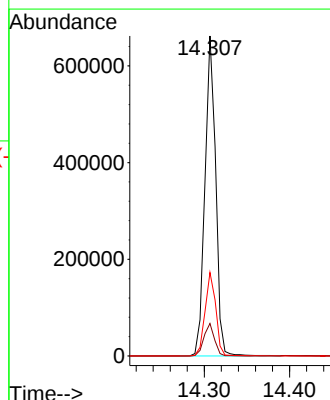
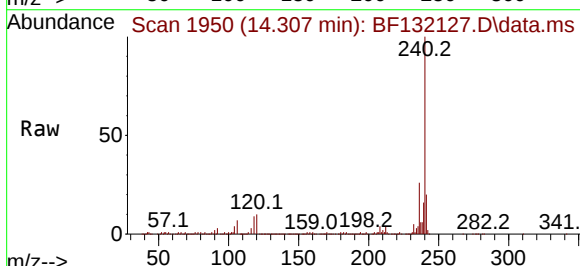
Instrument :
BNA_F
ClientSampleId :
APNB-WEST

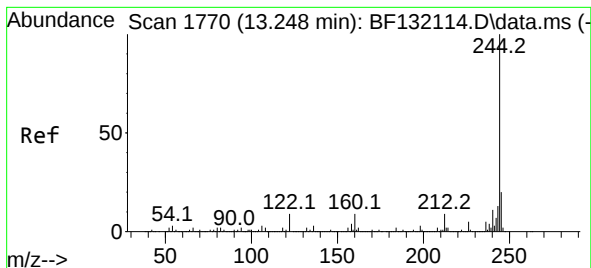
Tgt Ion:248 Resp: 31726
Ion Ratio Lower Upper
248 100
250 191.8 77.8 116.8#
141 478.9 57.6 86.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BF132127.D
Acq: 18 Jan 2023 19:58

Tgt Ion:240 Resp: 579106
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.1 21.2 31.8





#79

Terphenyl-d14

Concen: 60.086 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

Instrument :

BNA_F

ClientSampleId :

APNB-WEST

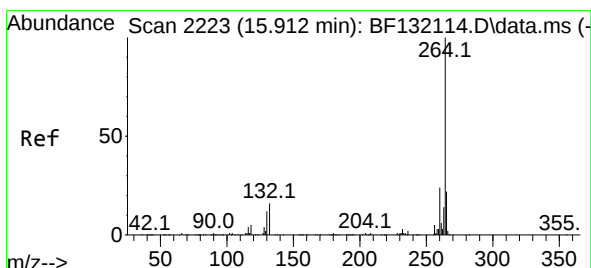
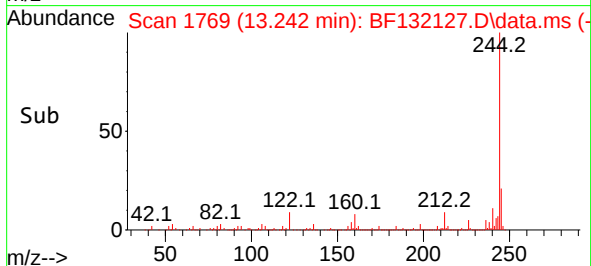
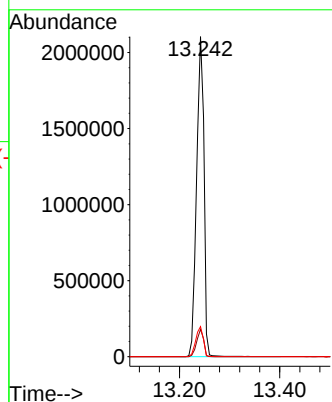
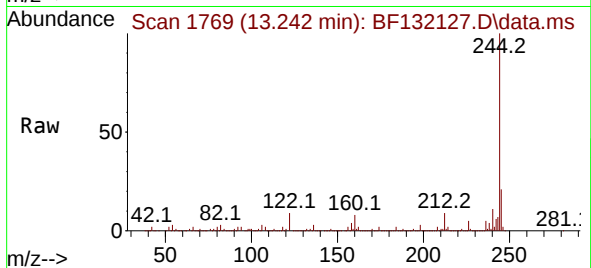
Tgt Ion:244 Resp: 2144556

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 9.4 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.907 min Scan# 2222

Delta R.T. -0.006 min

Lab File: BF132127.D

Acq: 18 Jan 2023 19:58

Tgt Ion:264 Resp: 473159

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.6 17.5 26.3

