

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127530.D
 Acq On : 25 Mar 2022 17:18
 Operator : CG\JU
 Sample : N2077-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-4

Quant Time: Mar 26 02:21:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

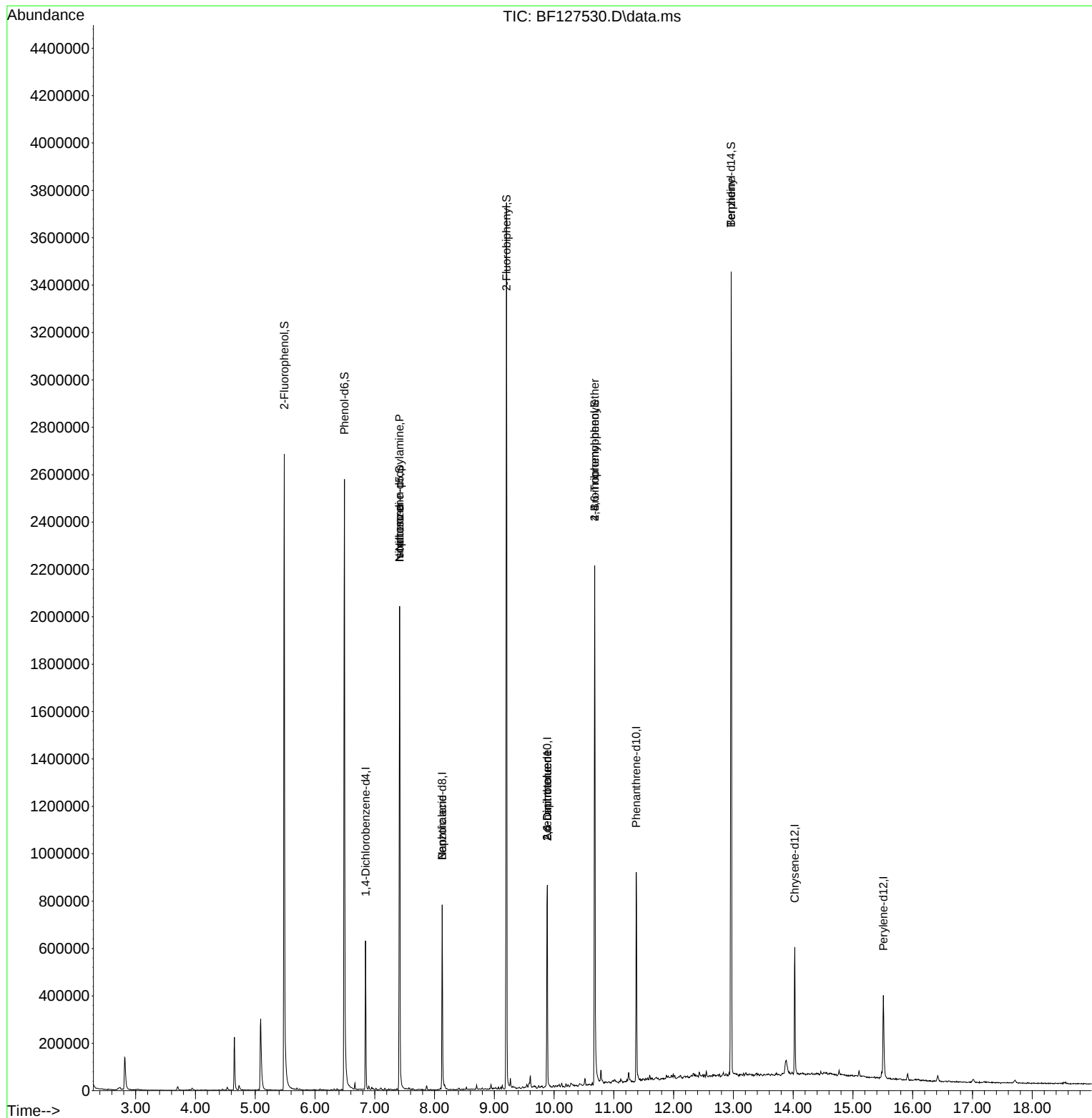
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	81877	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	305133	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176554	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	320750	20.000	ng	0.00
76) Chrysene-d12	14.027	240	194504	20.000	ng	0.00
86) Perylene-d12	15.509	264	170473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	704053	137.257	ng	0.02
7) Phenol-d6	6.492	99	907838	129.478	ng	0.00
23) Nitrobenzene-d5	7.416	82	690164	96.684	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269197	143.133	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1147636	94.918	ng	0.00
79) Terphenyl-d14	12.963	244	1304778	109.815	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	59	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	94739	22.542	ng	# 78
25) Isophorone	7.416	82	690164	60.704	ng	# 70
32) Benzoic acid	8.128	122	112	6.082	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	22245	8.628	ng	# 17
55) Dibenzofuran	10.098	168	754	Below Cal	#	75
57) 2,4-Dinitrotoluene	9.886	165	22245	6.703	ng	# 14
58) Fluorene	10.439	166	1535	Below Cal	#	31
67) 4-Bromophenyl-phenylether	10.680	248	17428	4.654	ng	# 1
77) Benzidine	12.963	184	16170	3.487	ng	# 95

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

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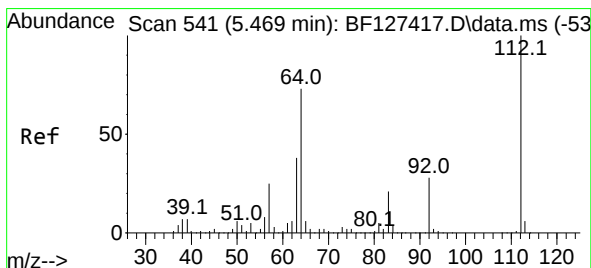
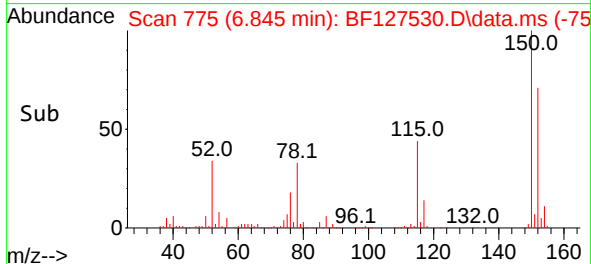
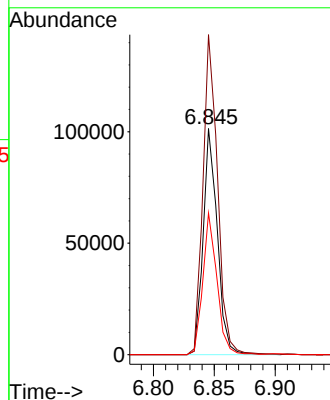
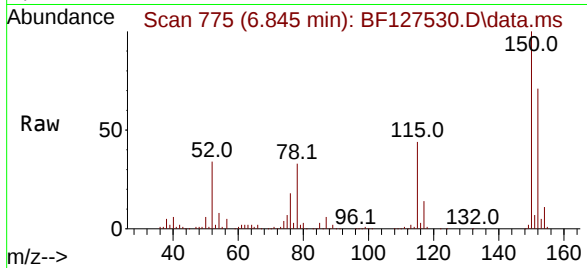




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

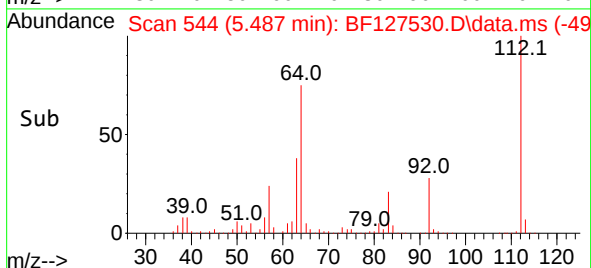
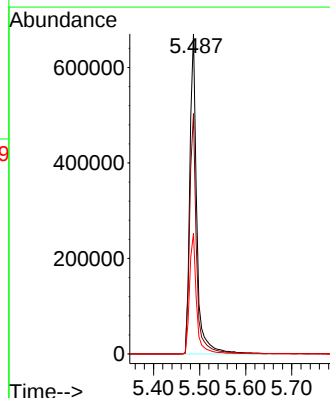
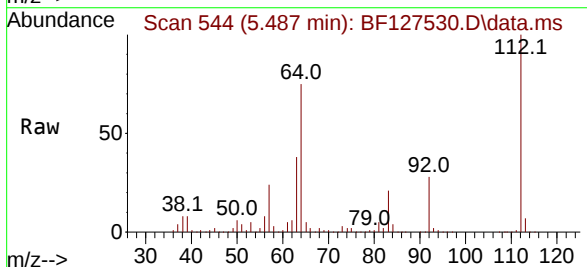
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

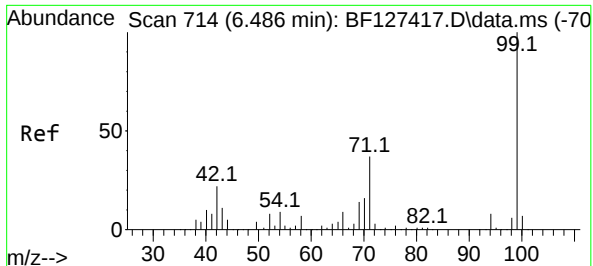
Tgt Ion:152 Resp: 81877
Ion Ratio Lower Upper
152 100
150 141.5 117.2 175.8
115 62.6 49.8 74.6



#5
2-Fluorophenol
Concen: 137.257 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:112 Resp: 704053
Ion Ratio Lower Upper
112 100
64 75.1 58.4 87.6
63 37.7 30.1 45.1

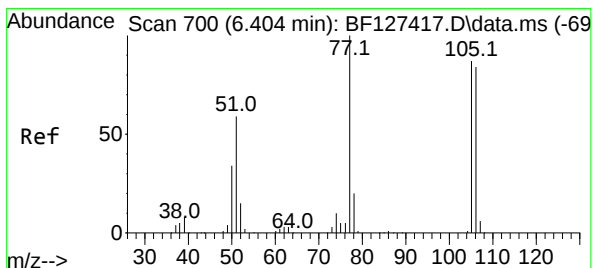
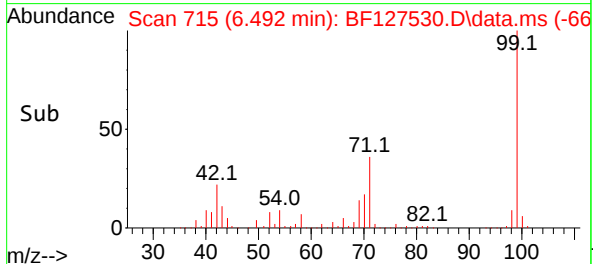
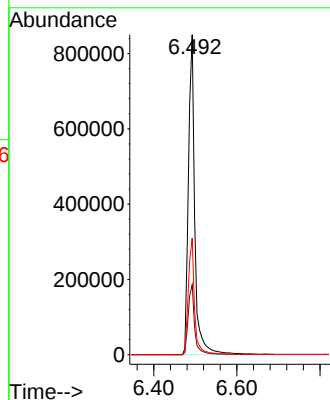
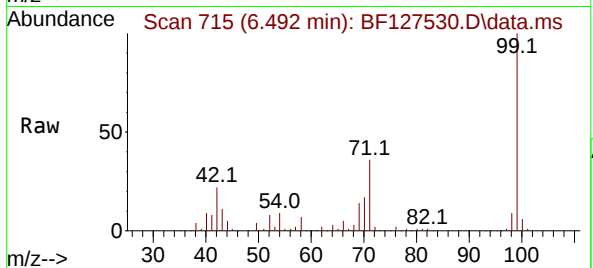




#7
Phenol-d6
Concen: 129.478 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

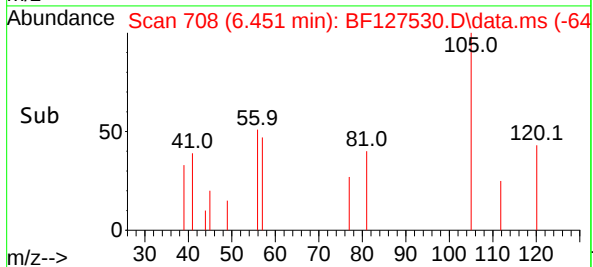
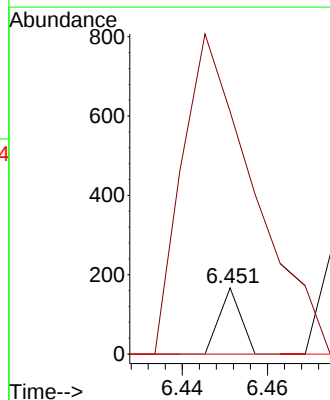
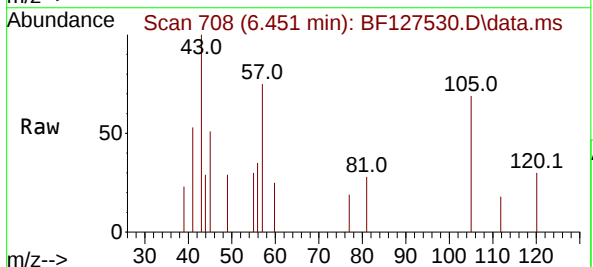
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

Tgt Ion: 99 Resp: 907838
Ion Ratio Lower Upper
99 100
42 21.8 17.8 26.6
71 36.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.451 min Scan# 708
Delta R.T. 0.047 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion: 77 Resp: 59
Ion Ratio Lower Upper
77 100
105 365.9 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 22.542 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127530.D

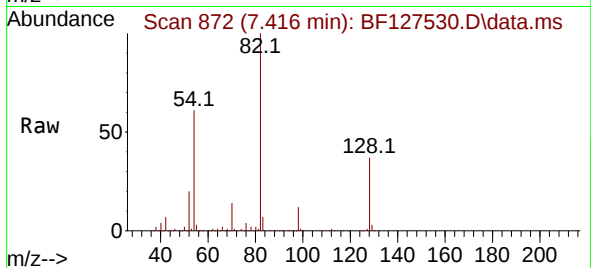
Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4



Tgt Ion: 70 Resp: 94739

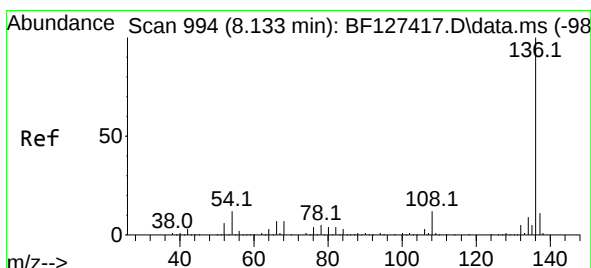
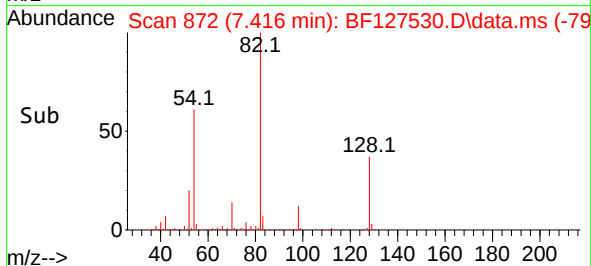
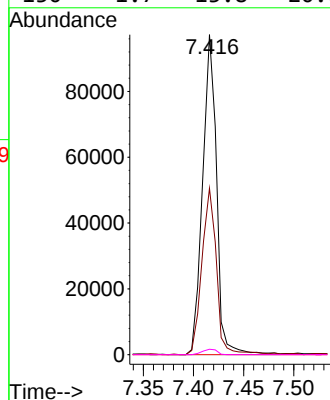
Ion Ratio Lower Upper

70 100

42 52.0 53.0 79.6#

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Tgt Ion: 136 Resp: 305133

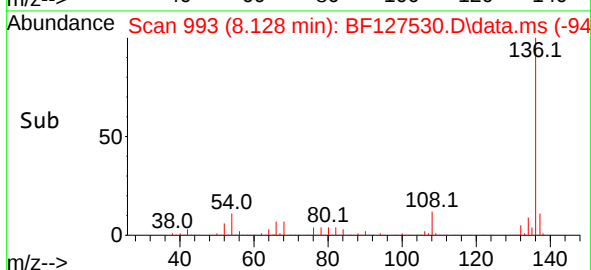
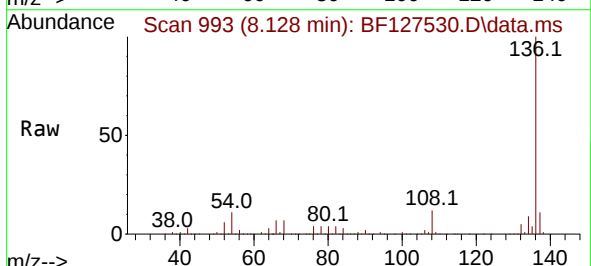
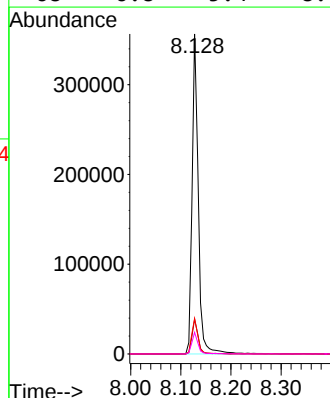
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.1 9.2 13.8

68 6.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 96.684 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4

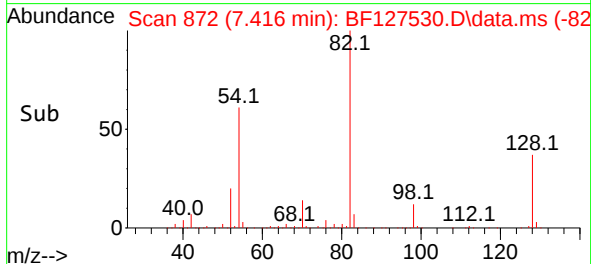
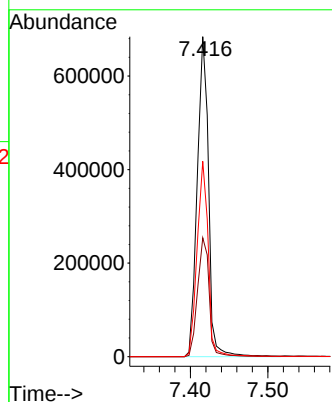
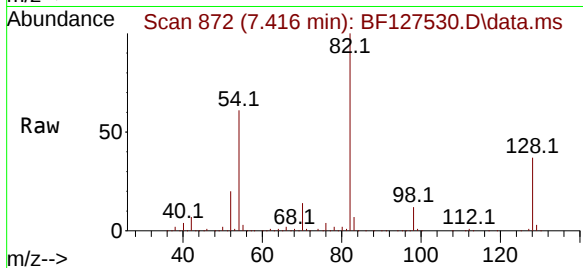
Tgt Ion: 82 Resp: 690164

Ion Ratio Lower Upper

82 100

128 37.1 30.6 45.8

54 61.0 48.2 72.2



#25

Isophorone

Concen: 60.704 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

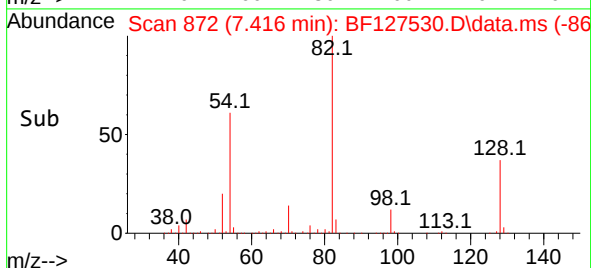
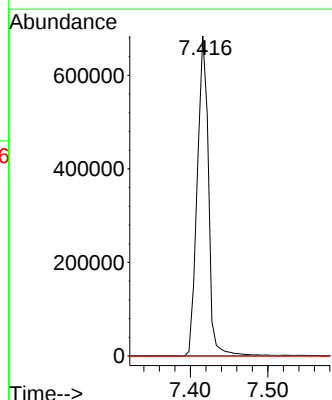
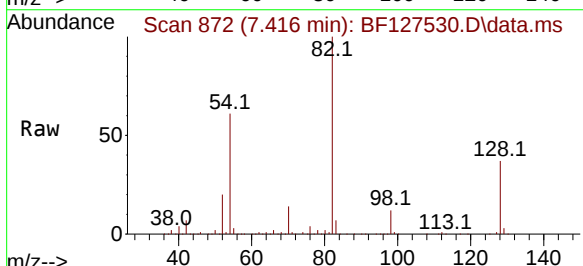
Tgt Ion: 82 Resp: 690164

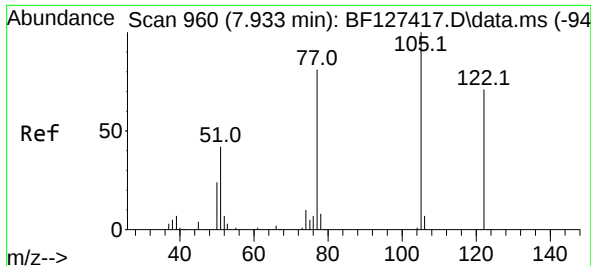
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

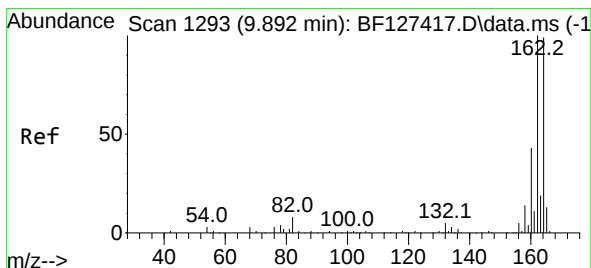
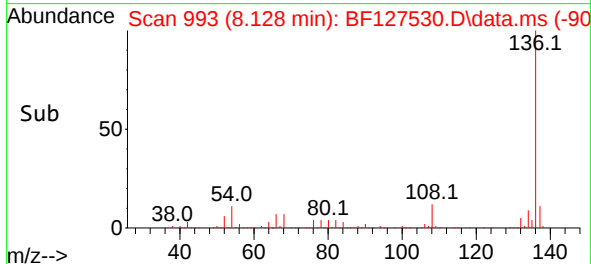
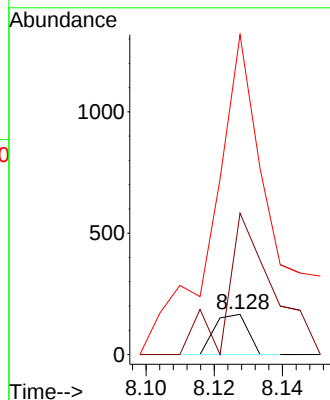
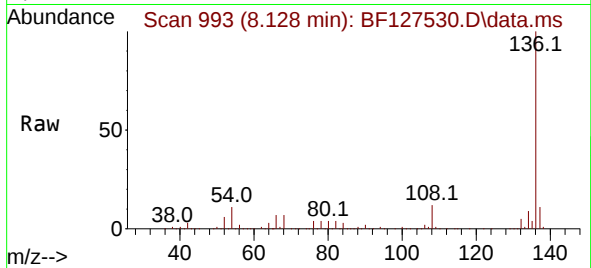




#32
Benzoic acid
Concen: 6.082 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

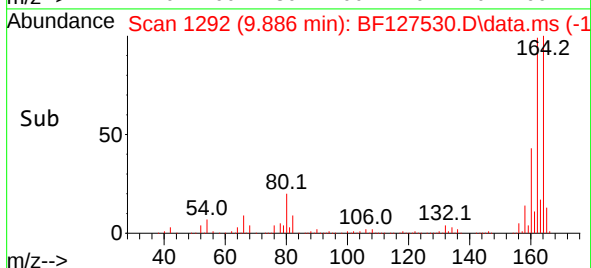
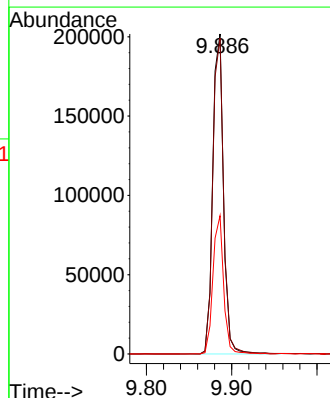
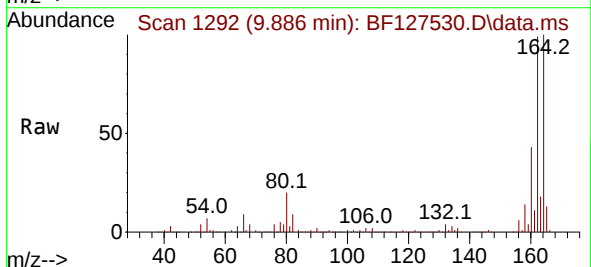
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

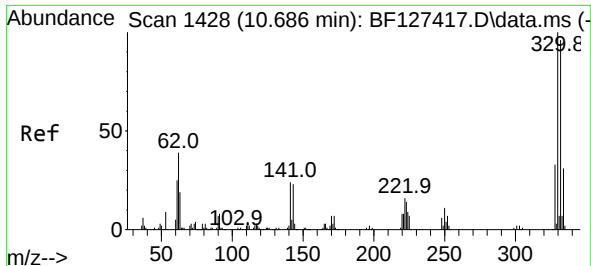
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 350.6 117.1 157.1#
77 794.0 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:164 Resp: 176554
Ion Ratio Lower Upper
164 100
162 98.7 81.2 121.8
160 43.2 34.6 52.0

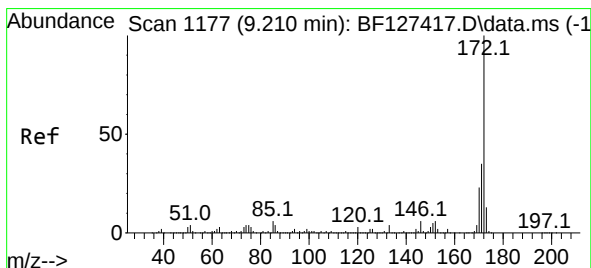
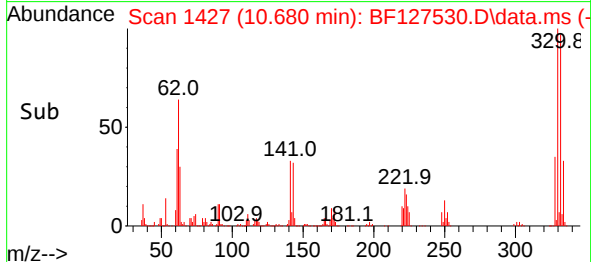
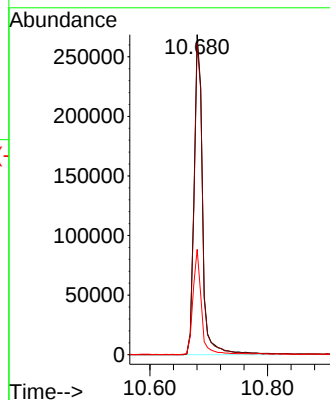
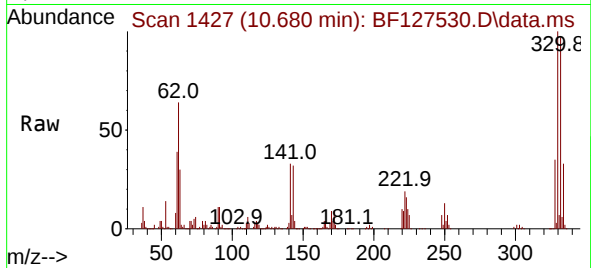




#42
2,4,6-Tribromophenol
Concen: 143.133 ng
RT: 10.680 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

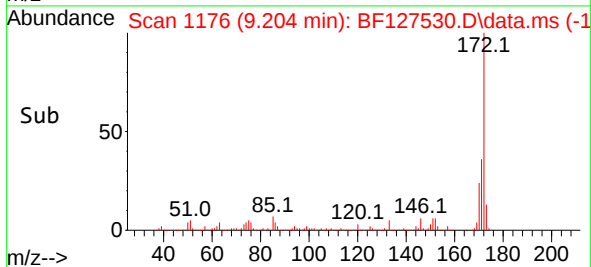
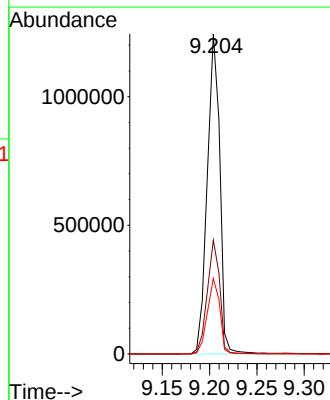
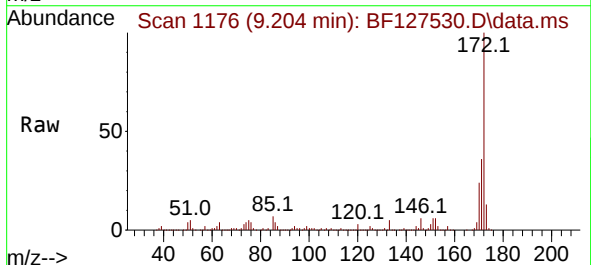
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

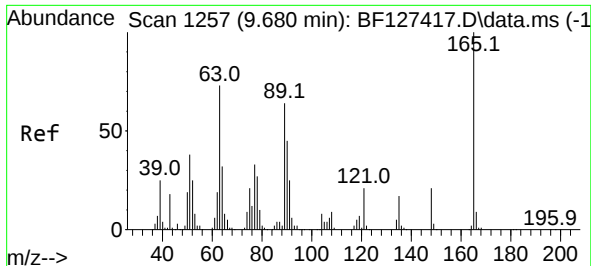
Tgt Ion:330 Resp: 269197
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 32.5 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 94.918 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:172 Resp: 1147636
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.628 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4

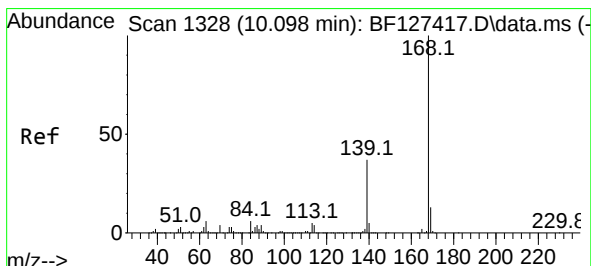
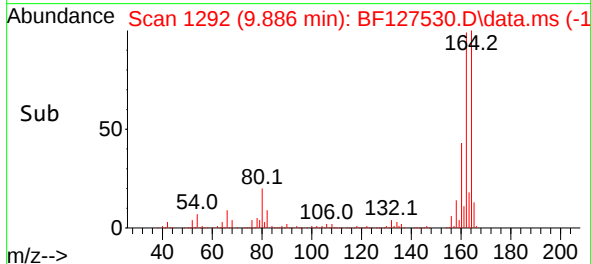
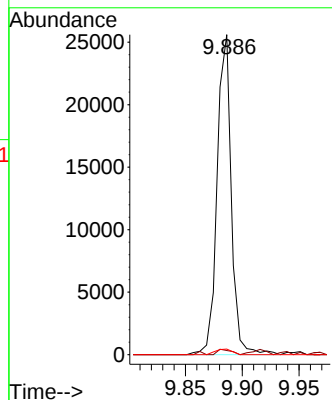
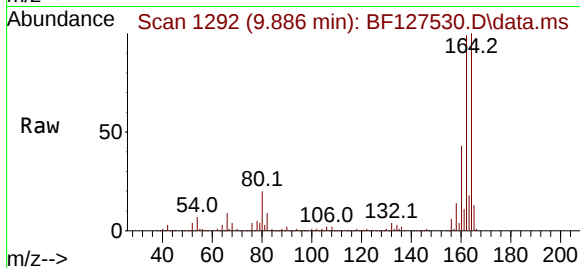
Tgt Ion:165 Resp: 22245

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.7 51.5 77.3#



#55

Dibenzofuran

Concen: Below Cal

RT: 10.098 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

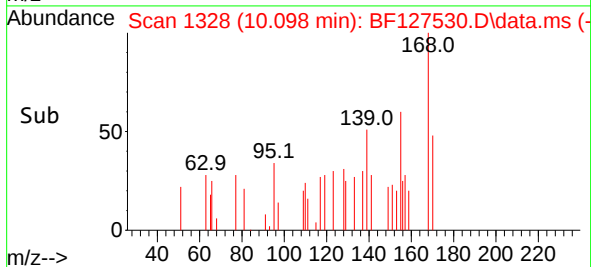
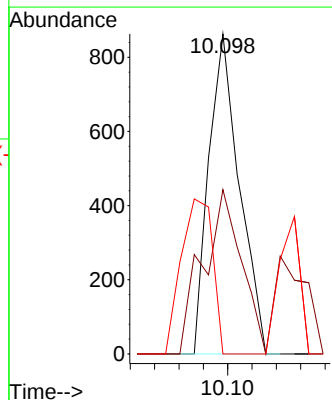
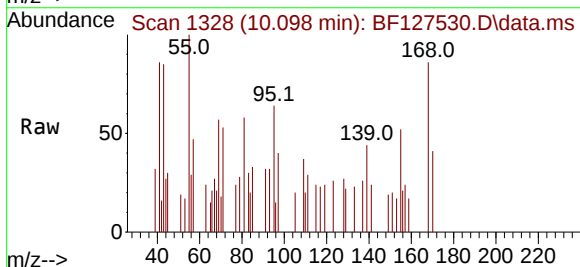
Tgt Ion:168 Resp: 754

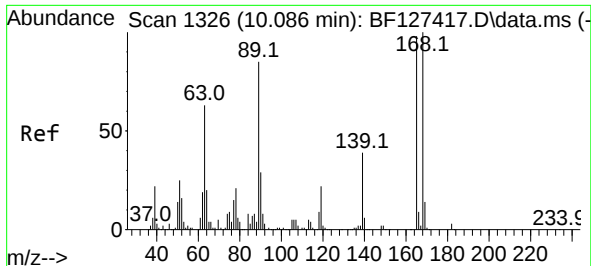
Ion Ratio Lower Upper

168 100

139 51.3 30.3 45.5#

169 0.0 10.8 16.2#

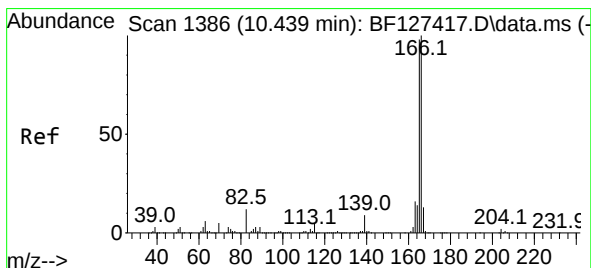
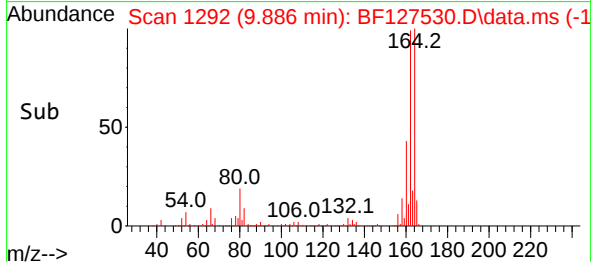
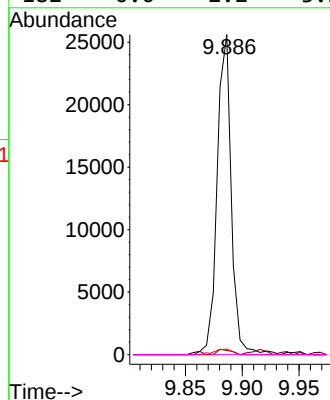
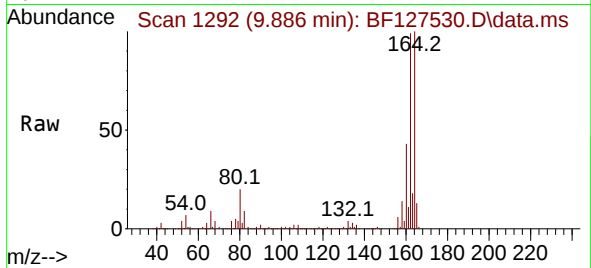




#57
2,4-Dinitrotoluene
Concen: 6.703 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

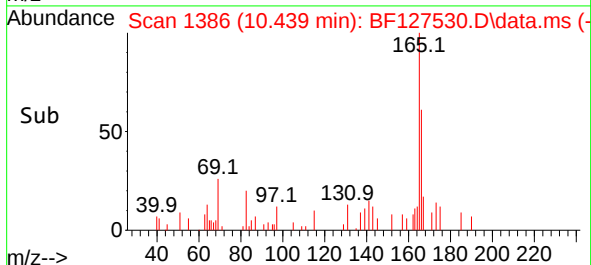
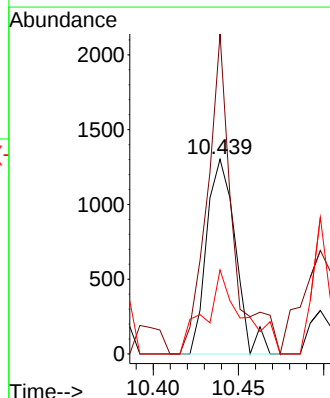
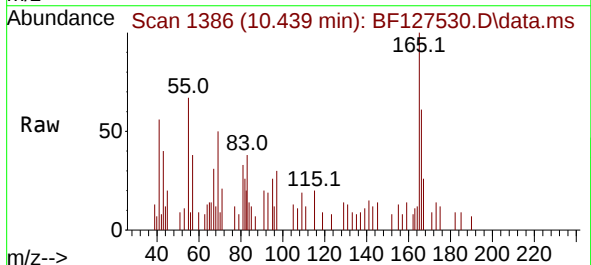
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

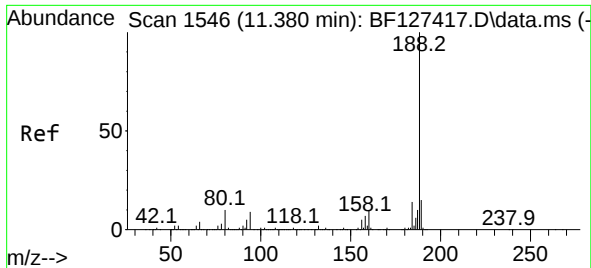
Tgt Ion:165 Resp: 22245
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:166 Resp: 1535
Ion Ratio Lower Upper
166 100
165 164.4 78.1 117.1#
167 43.2 10.5 15.7#

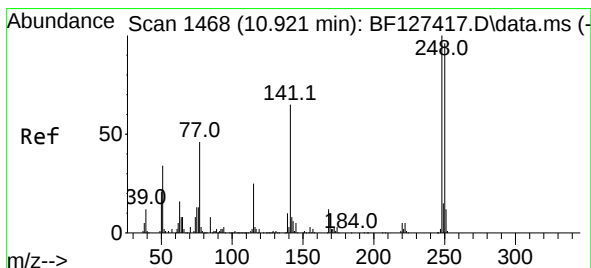
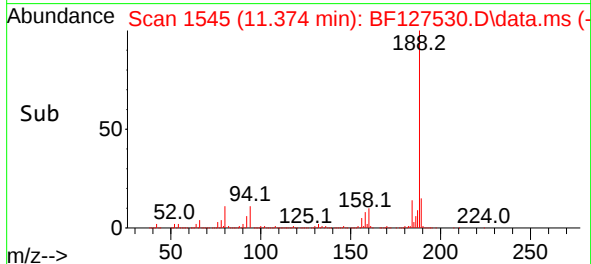
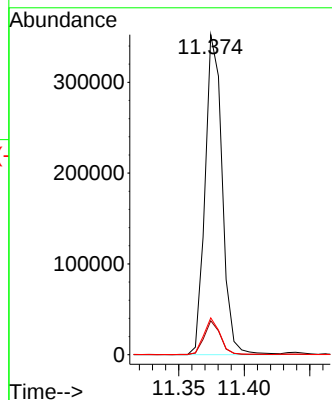
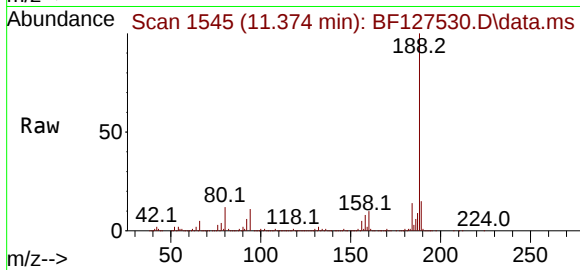




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

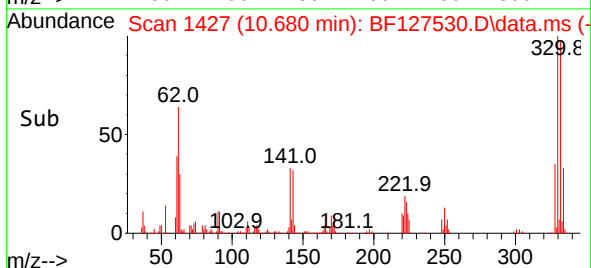
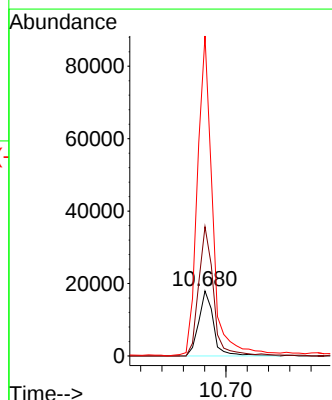
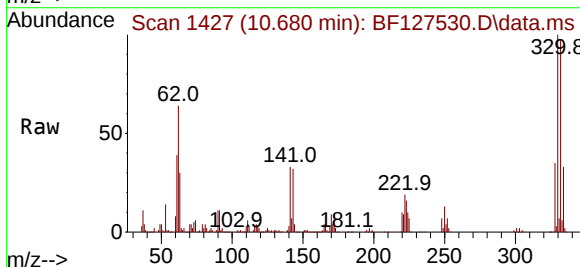
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

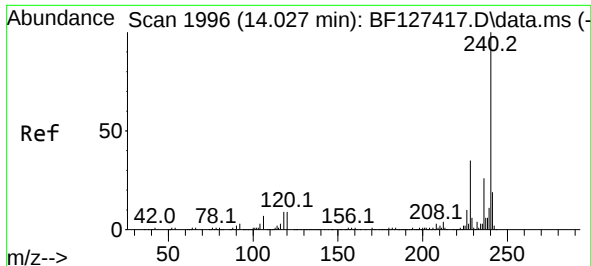
Tgt Ion:188 Resp: 320750
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.0
80 11.5 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.654 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:248 Resp: 17428
Ion Ratio Lower Upper
248 100
250 198.9 76.6 115.0#
141 492.5 52.2 78.2#

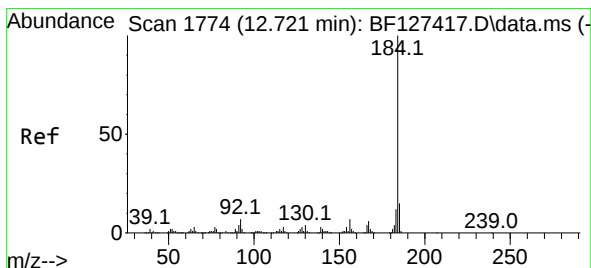
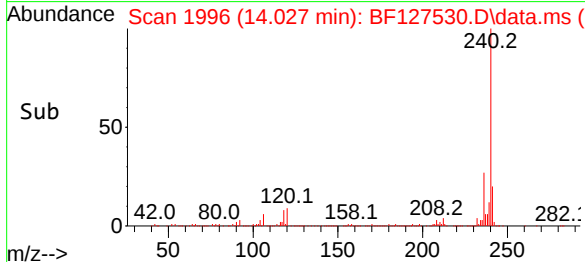
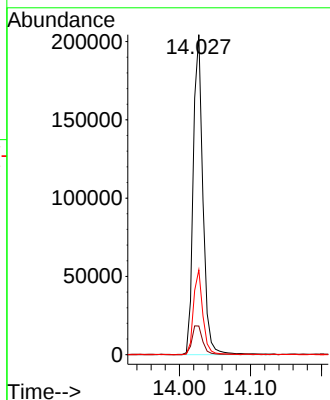
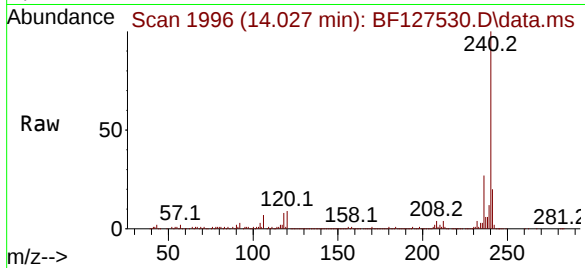




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

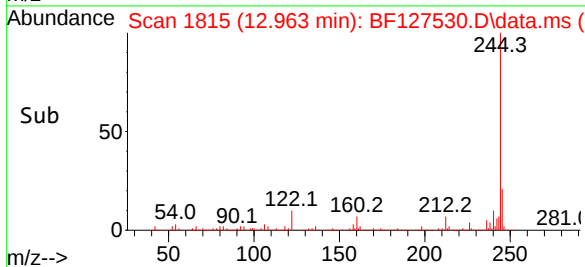
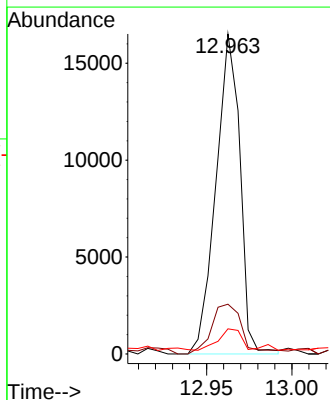
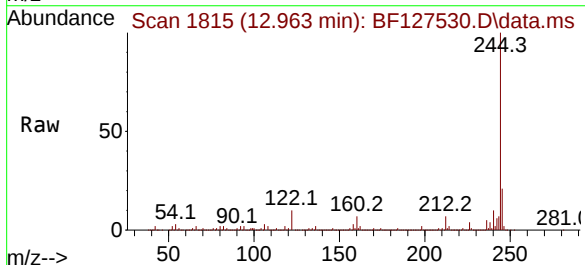
Instrument :
BNA_F
ClientSampleId :
WC-14A-4

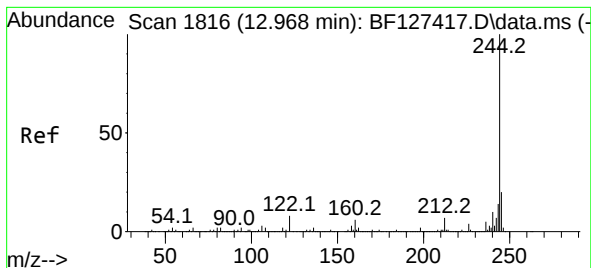
Tgt Ion:240 Resp: 194504
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.5 20.7 31.1



#77
Benzidine
Concen: 3.487 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127530.D
Acq: 25 Mar 2022 17:18

Tgt Ion:184 Resp: 16170
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 7.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 109.815 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-4

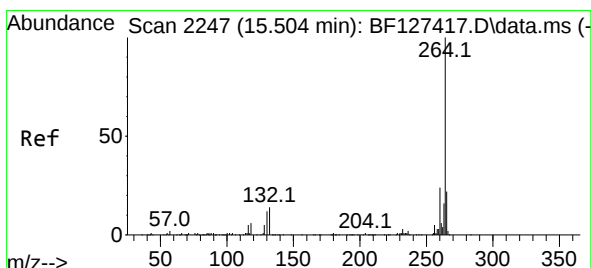
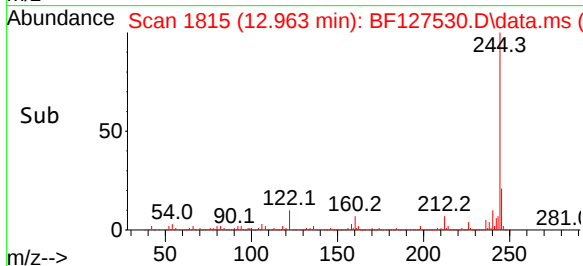
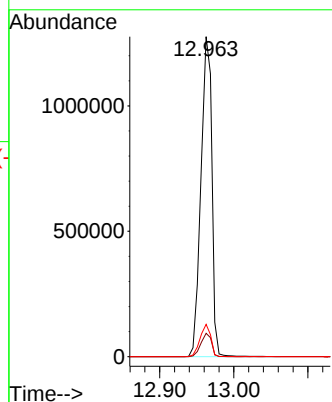
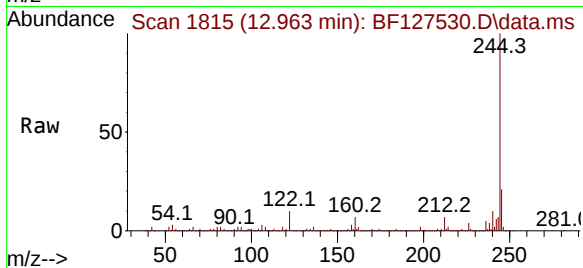
Tgt Ion:244 Resp: 1304778

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.1 6.2 9.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2248

Delta R.T. 0.006 min

Lab File: BF127530.D

Acq: 25 Mar 2022 17:18

Tgt Ion:264 Resp: 170473

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 20.9 17.4 26.2

