

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127374.D
 Acq On : 17 Mar 2022 14:20
 Operator : CG\JU
 Sample : N1962-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-22-23-25

Quant Time: Mar 17 16:22:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

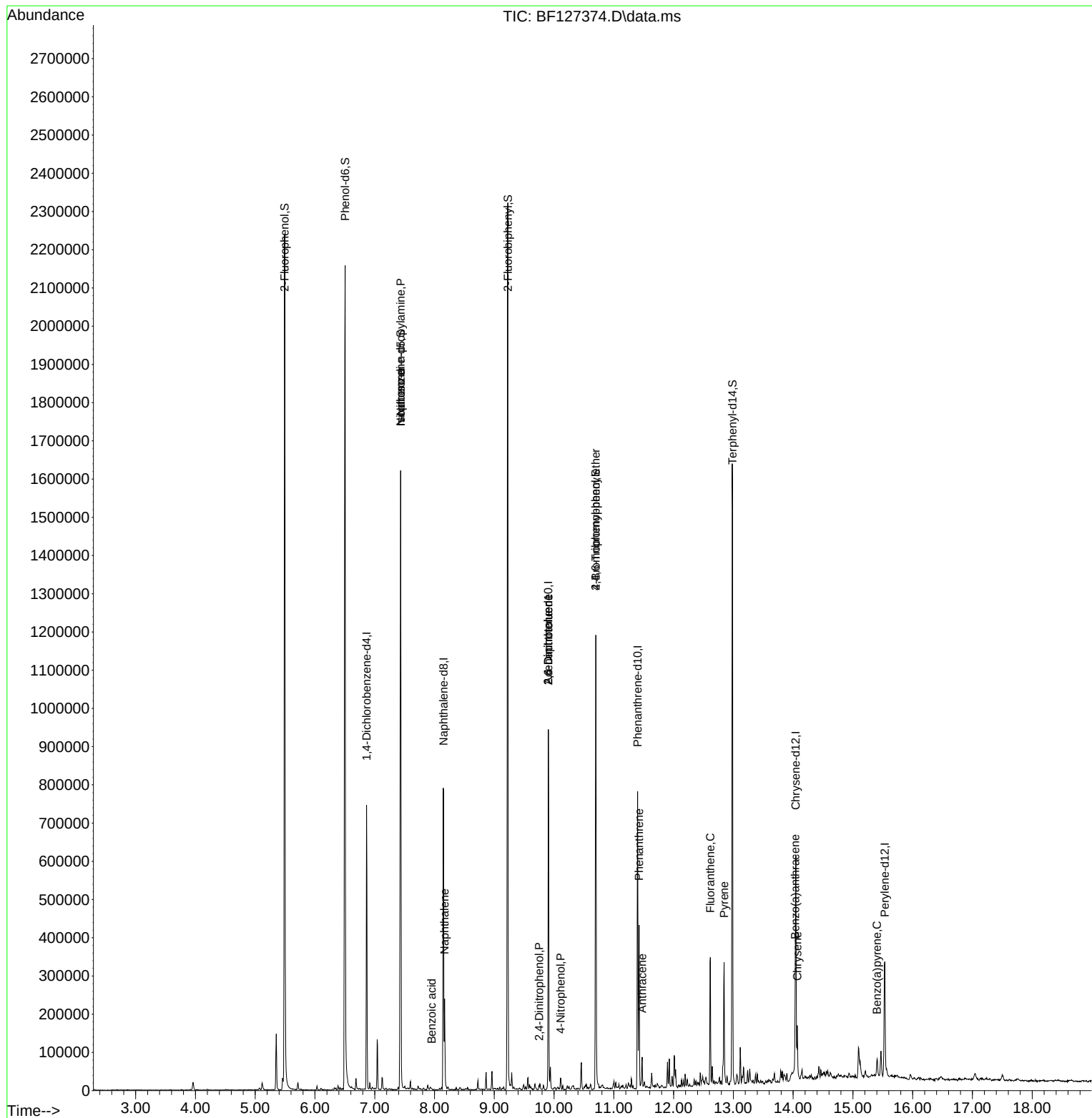
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	97843	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	331569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	179387	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	264254	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	178690	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	146656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	542288	89.098	ng	0.00
7) Phenol-d6	6.504	99	748234	89.365	ng	0.00
23) Nitrobenzene-d5	7.434	82	495998	61.778	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	122793	63.587	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	754450	59.460	ng	0.00
79) Terphenyl-d14	12.986	244	572895	55.207	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	731	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.434	70	68659	13.141	ng	# 89
25) Isophorone	7.434	82	495992	38.420	ng	# 69
31) Naphthalene	8.169	128	84778	4.793	ng	97
32) Benzoic acid	7.951	122	65	6.640	ng	# 33
51) 2,6-Dinitrotoluene	9.904	165	22828	8.779	ng	# 21
54) 2,4-Dinitrophenol	9.751	184	61	3.886	ng	# 57
56) 4-Nitrophenol	10.110	139	3845	2.233	ng	# 9
57) 2,4-Dinitrotoluene	9.904	165	22828	6.673	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	8649	2.715	ng	# 1
71) Phenanthrene	11.422	178	142256	10.198	ng	98
72) Anthracene	11.475	178	28773	2.083	ng	99
75) Fluoranthene	12.616	202	134013	8.592	ng	90
78) Pyrene	12.845	202	129133	9.278	ng	98
81) Benzo(a)anthracene	14.033	228	53041	4.408	ng	97
83) Chrysene	14.069	228	46987	4.199	ng	97
90) Benzo(a)pyrene	15.404	252	20997	2.770	ng	97

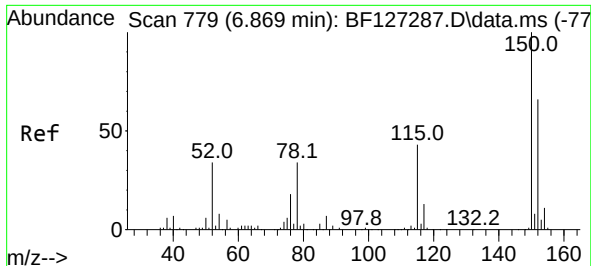
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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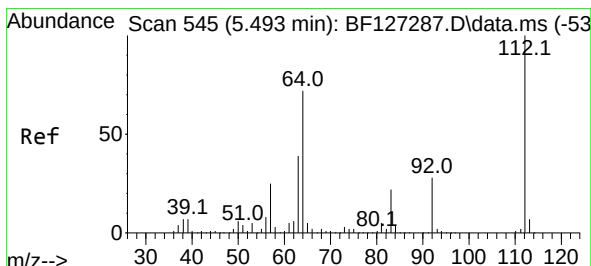
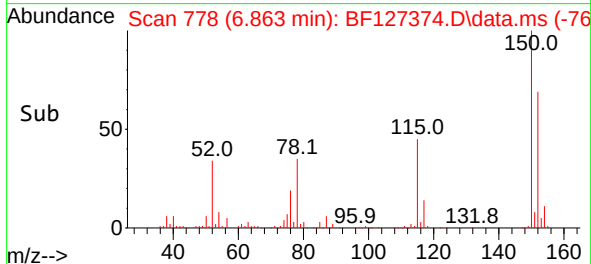
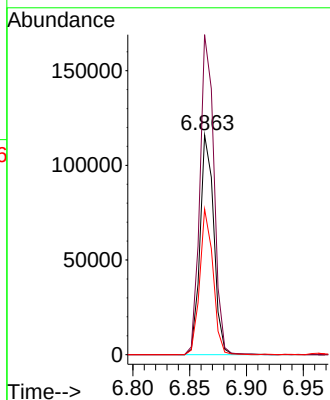
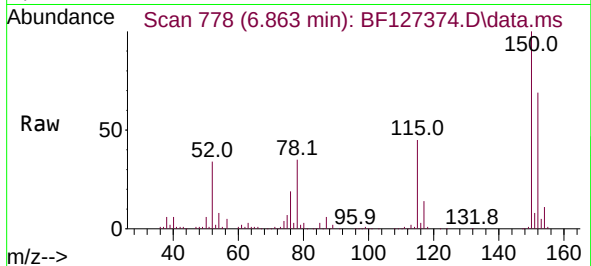




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

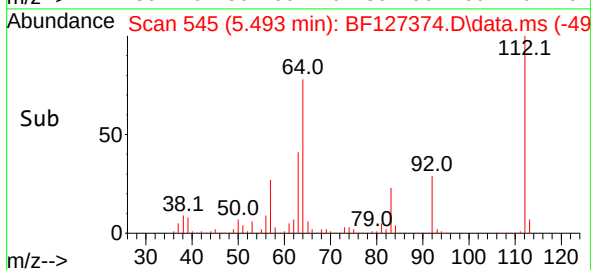
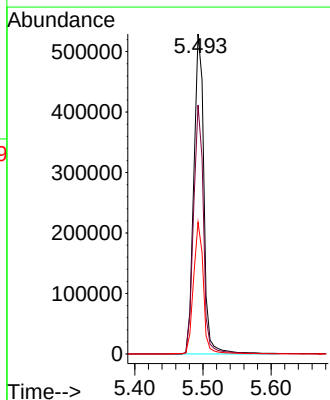
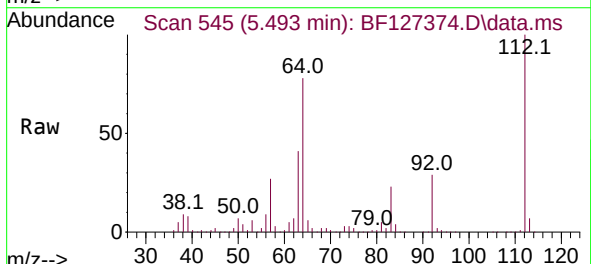
Instrument :
BNA_F
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C-22-23-25

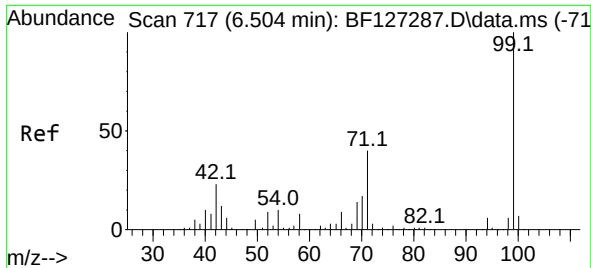
Tgt Ion:152 Resp: 97843
Ion Ratio Lower Upper
152 100
150 145.6 128.1 192.1
115 66.2 56.7 85.1



#5
2-Fluorophenol
Concen: 89.098 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:112 Resp: 542288
Ion Ratio Lower Upper
112 100
64 77.7 49.5 74.3#
63 41.1 23.9 35.9#

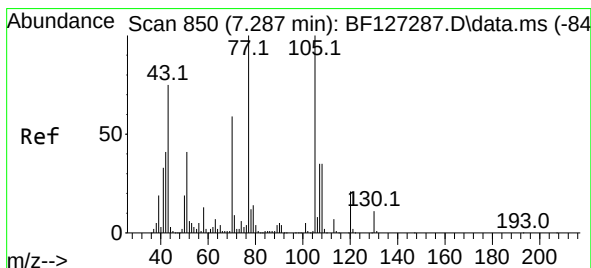
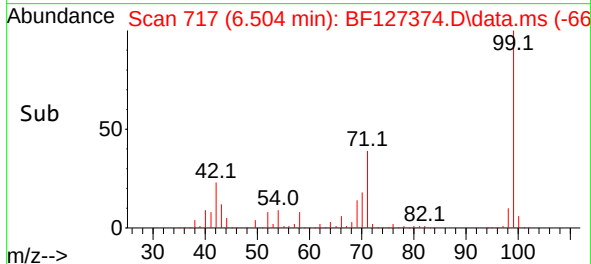
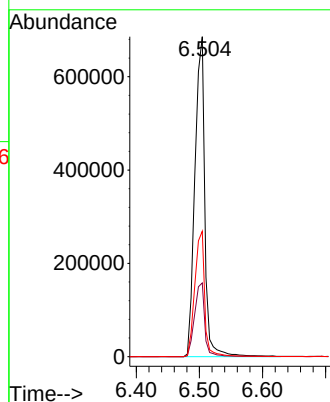
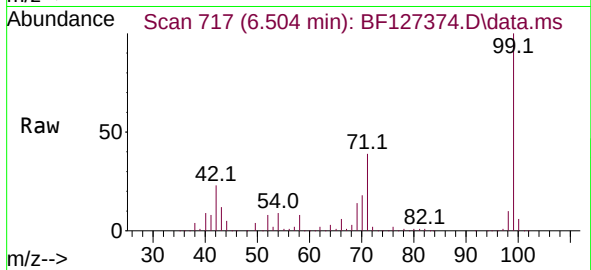




#7
Phenol-d6
Concen: 89.365 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

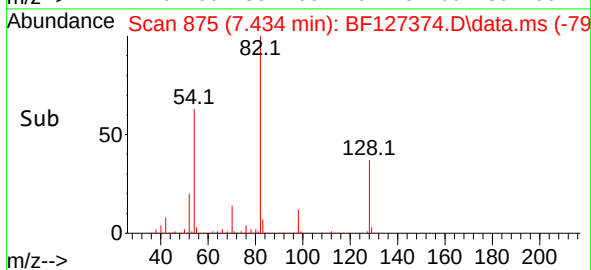
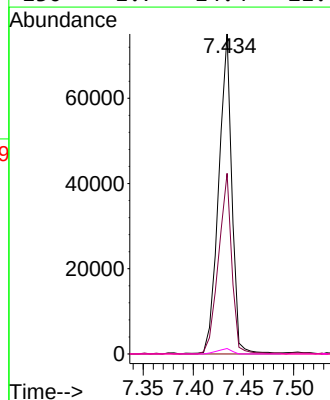
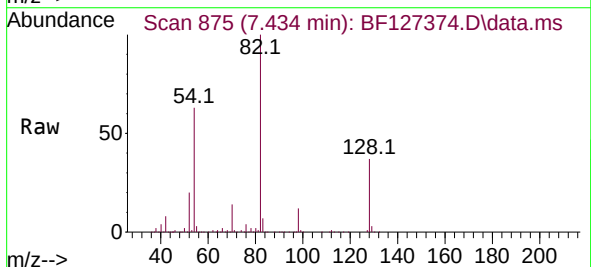
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

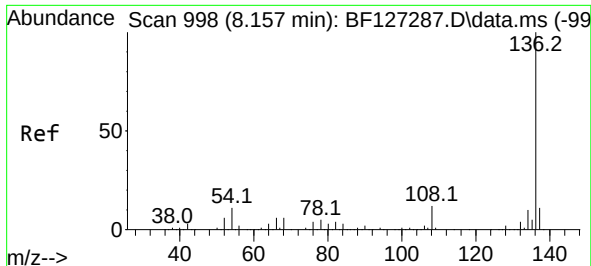
Tgt Ion: 99 Resp: 748234
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4#
71 39.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.141 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion: 70 Resp: 68659
Ion Ratio Lower Upper
70 100
42 56.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

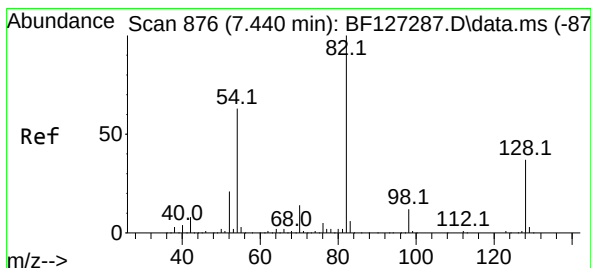
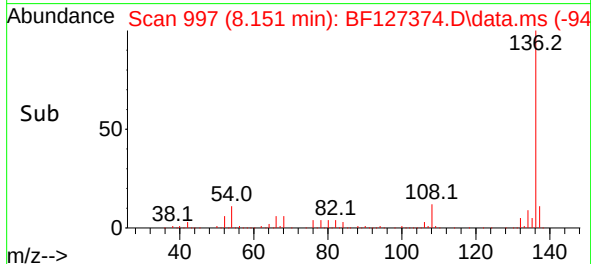
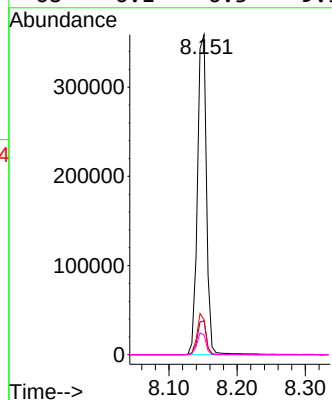
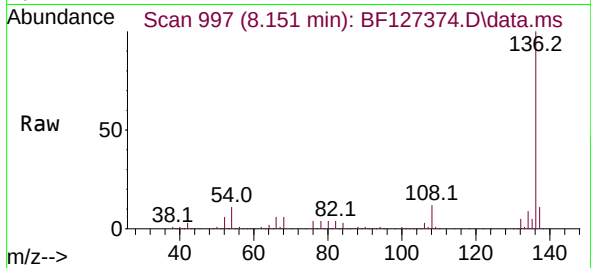




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

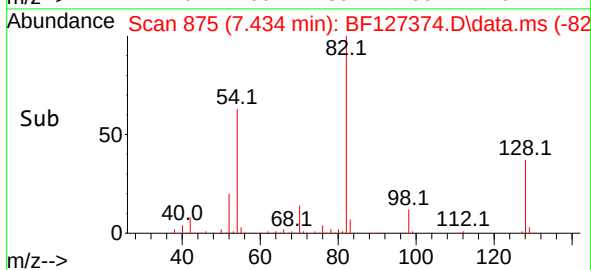
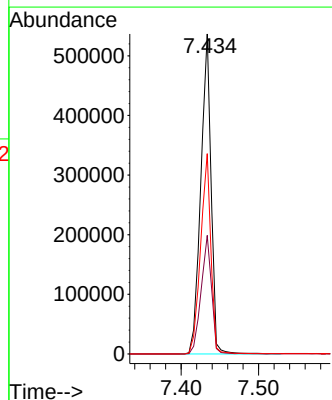
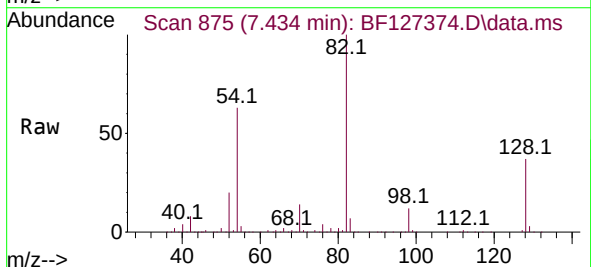
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

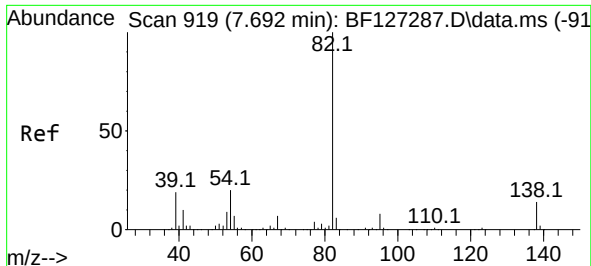
Tgt Ion:136 Resp: 331569
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 10.9 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 61.778 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion: 82 Resp: 495998
Ion Ratio Lower Upper
82 100
128 37.1 32.7 49.1
54 62.6 41.7 62.5#

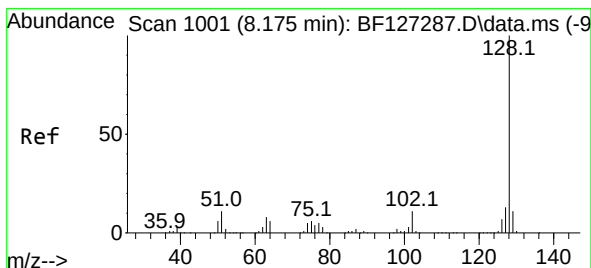
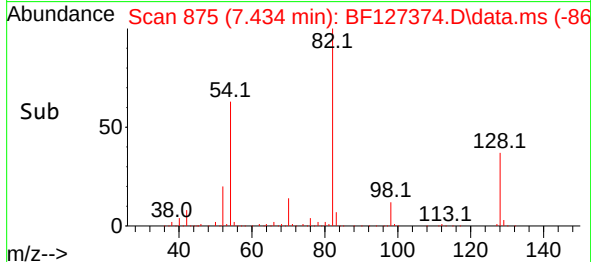
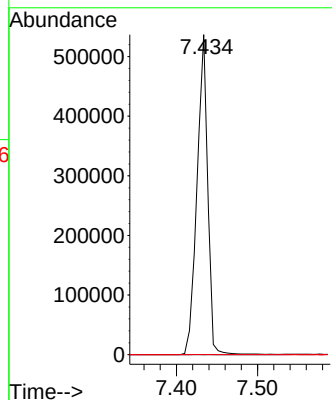
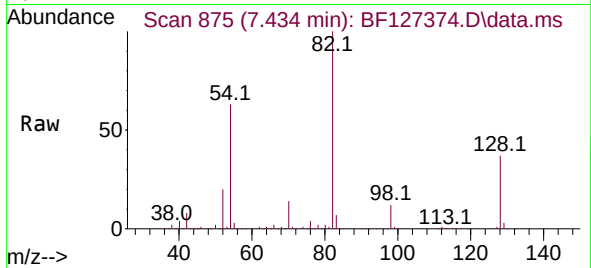




#25
Isophorone
Concen: 38.420 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

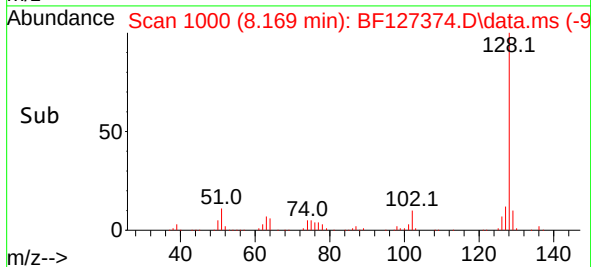
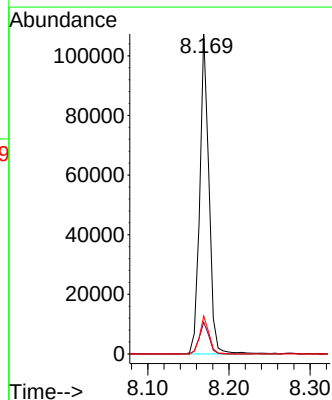
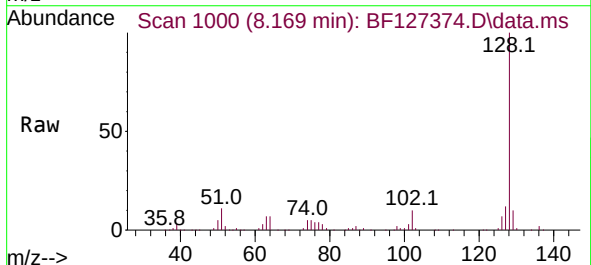
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

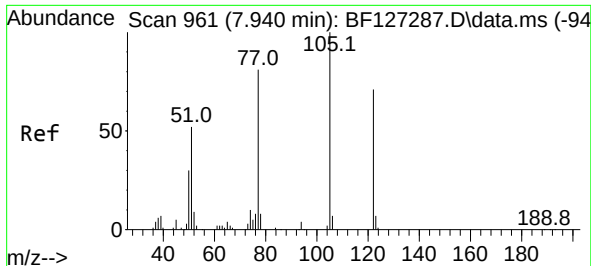
Tgt Ion: 82 Resp: 495992
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 4.793 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion: 128 Resp: 84778
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 11.8 10.3 15.5

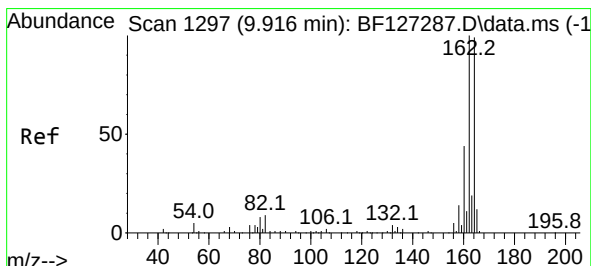
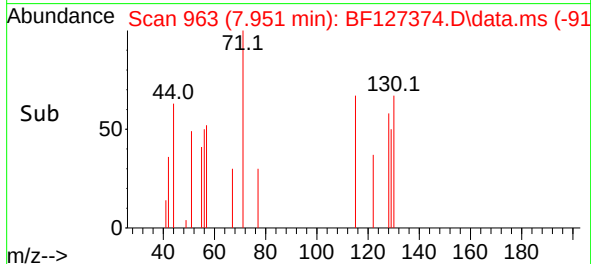
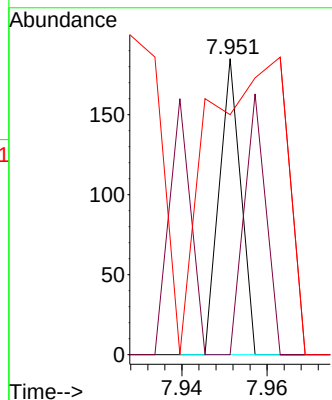
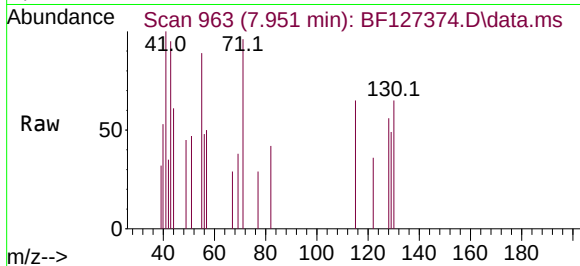




#32
Benzoic acid
Concen: 6.640 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.011 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

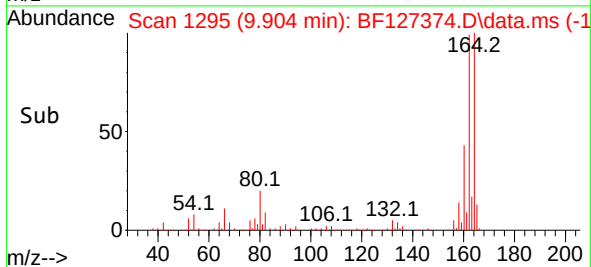
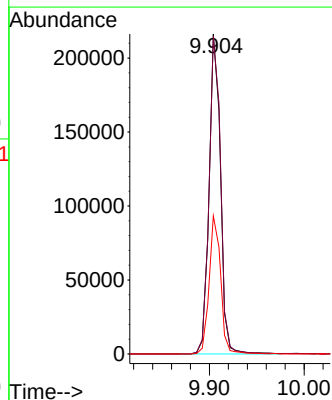
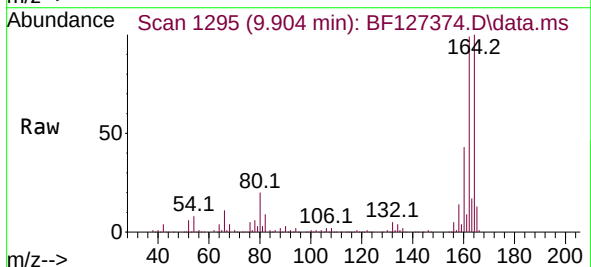
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C-22-23-25

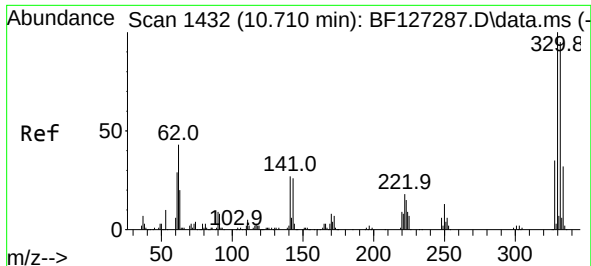
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 81.1 74.5 114.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:164 Resp: 179387
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 63.587 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

Instrument :

BNA_F

ClientSampleId :

C-22-23-25

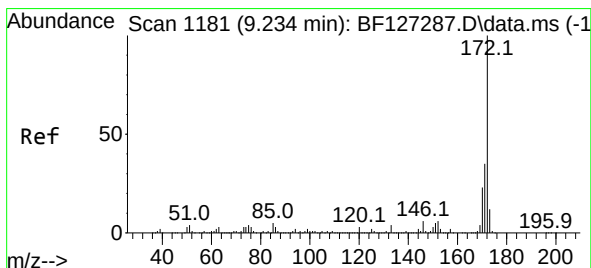
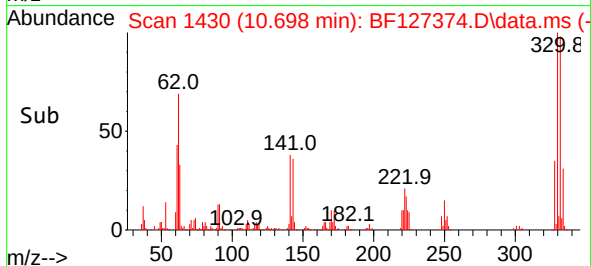
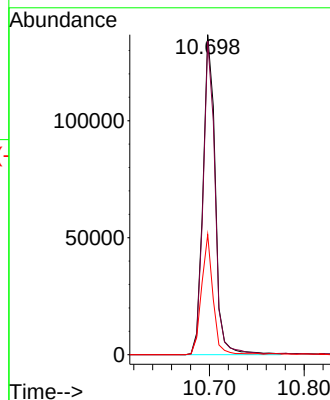
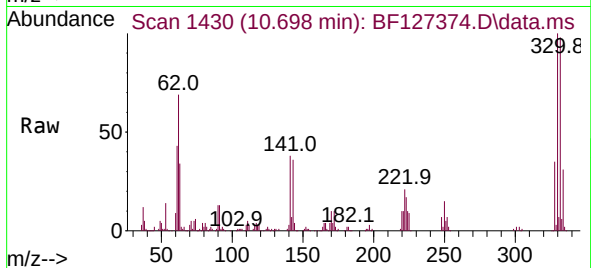
Tgt Ion:330 Resp: 122793

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 35.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.460 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

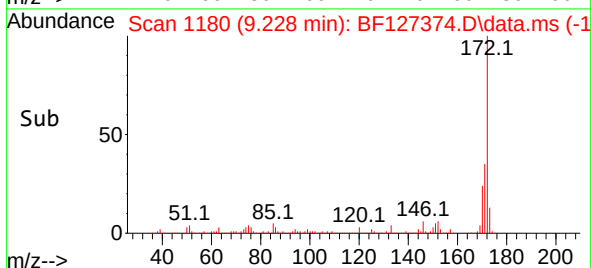
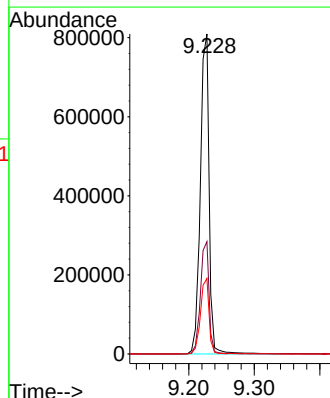
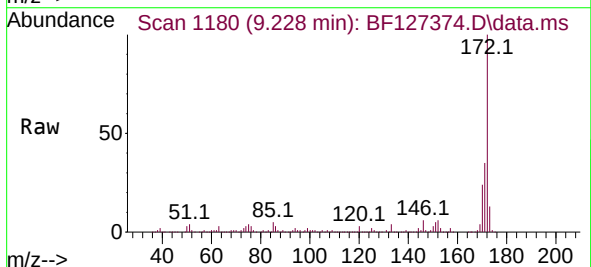
Tgt Ion:172 Resp: 754450

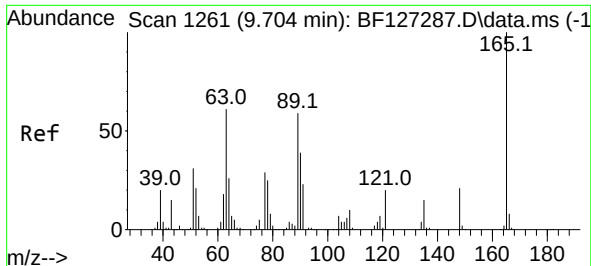
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.6 19.0 28.6

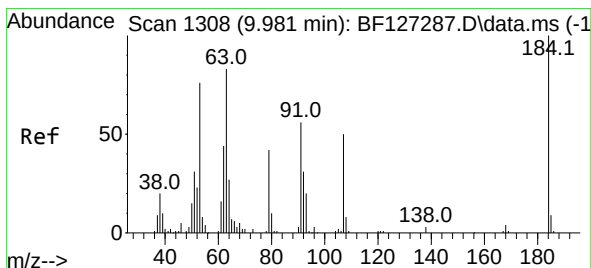
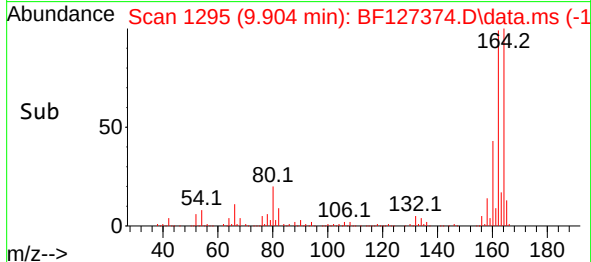
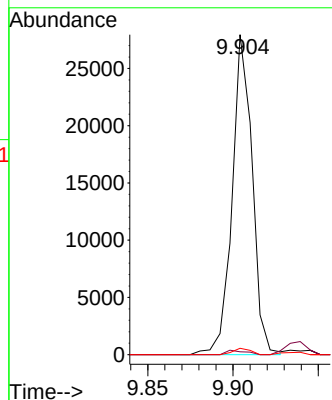
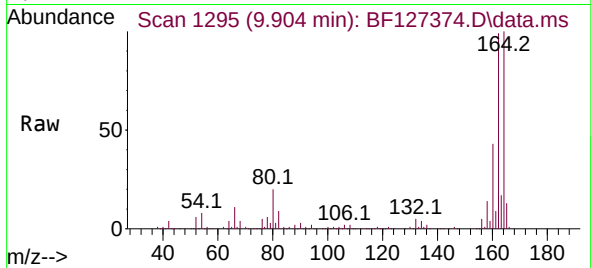




#51
2,6-Dinitrotoluene
Concen: 8.779 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

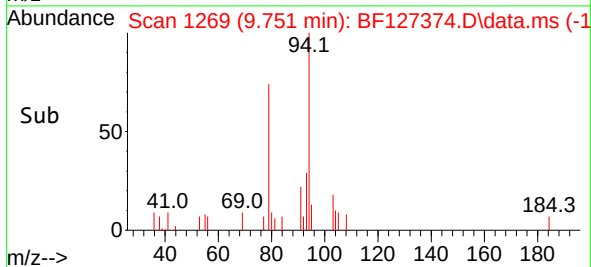
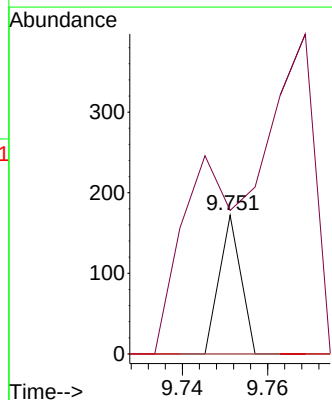
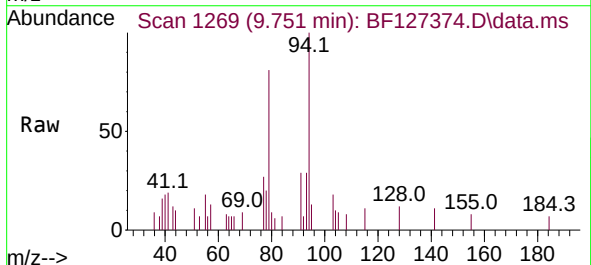
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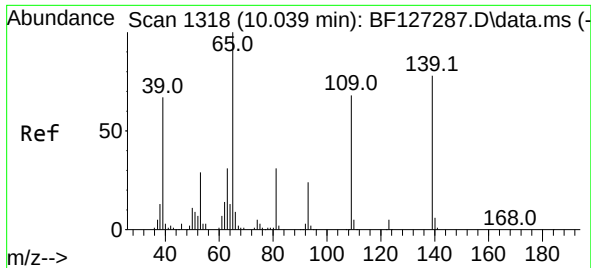
Tgt Ion:165 Resp: 22828
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 2.0 50.5 75.7#



#54
2,4-Dinitrophenol
Concen: 3.886 ng
RT: 9.751 min Scan# 1269
Delta R.T. -0.230 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 103.5 70.4 105.6
154 0.0 49.7 74.5#

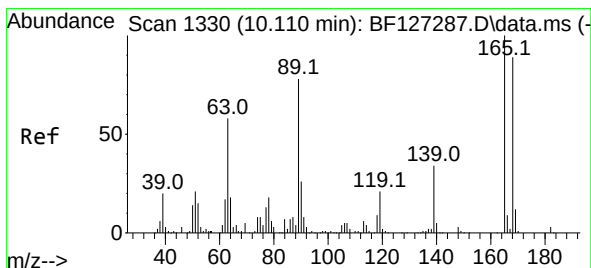
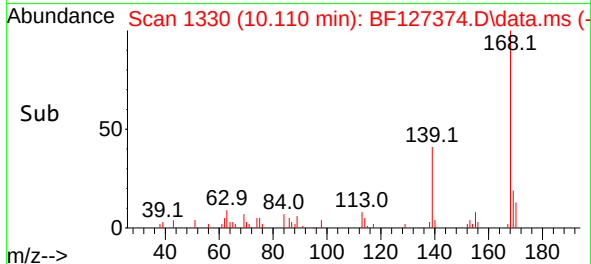
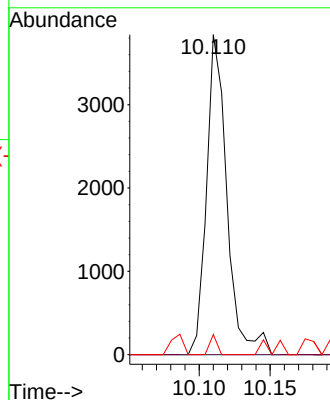
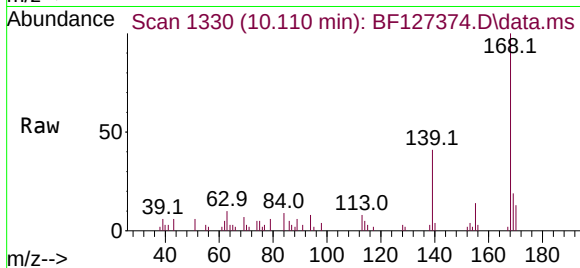




#56
4-Nitrophenol
Concen: 2.233 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

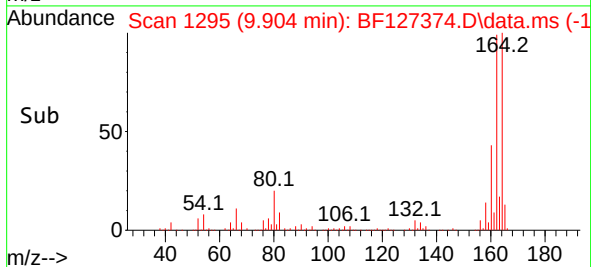
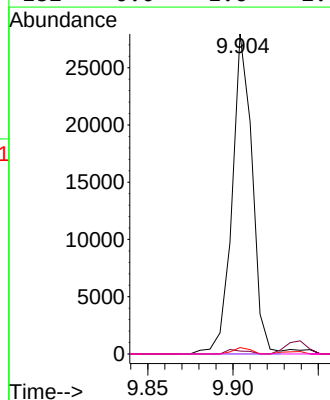
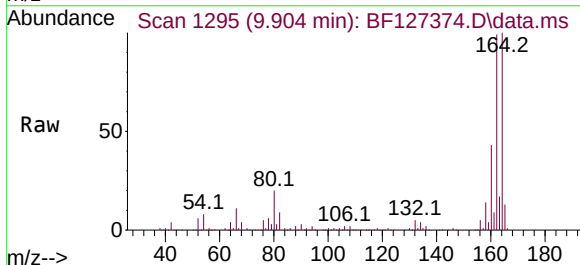
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

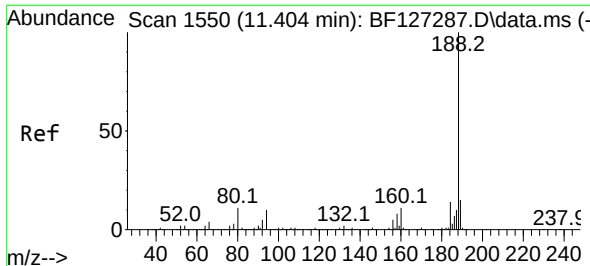
Tgt Ion:139 Resp: 3845
Ion Ratio Lower Upper
139 100
109 0.0 44.1 84.1#
65 6.3 85.5 125.5#



#57
2,4-Dinitrotoluene
Concen: 6.673 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:165 Resp: 22828
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

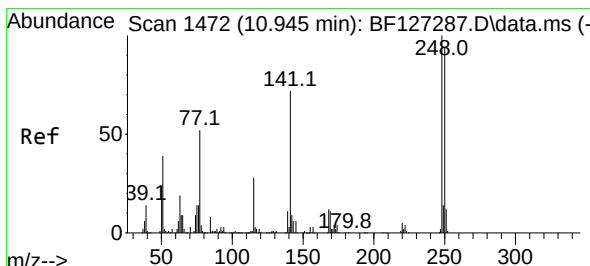
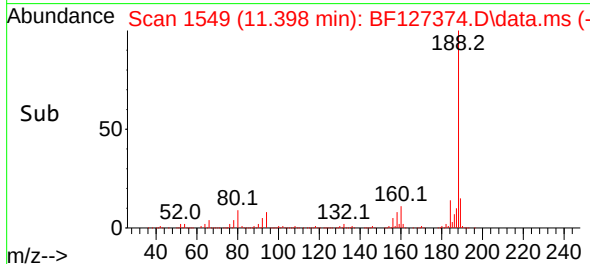
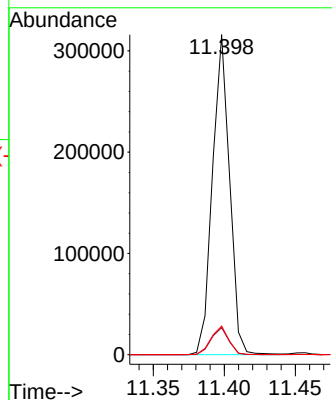
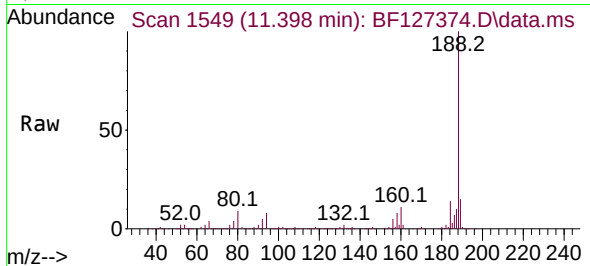




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

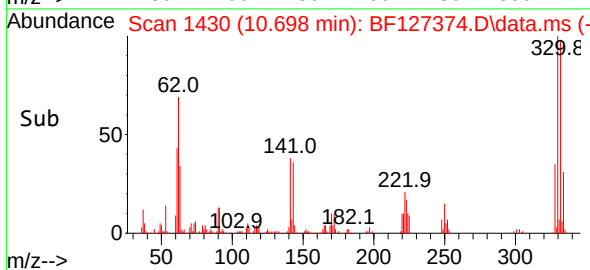
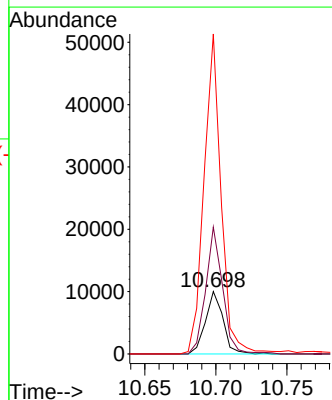
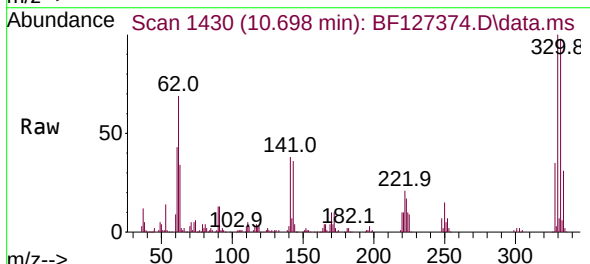
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

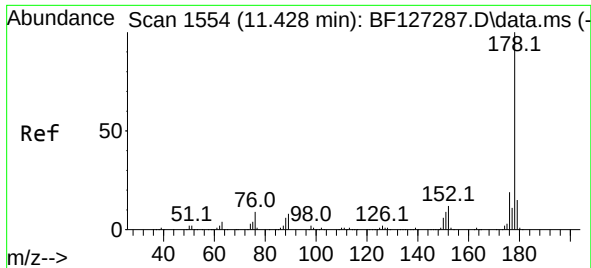
Tgt Ion:188 Resp: 264254
Ion Ratio Lower Upper
188 100
94 8.5 10.1 15.1#
80 9.0 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.715 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:248 Resp: 8649
Ion Ratio Lower Upper
248 100
250 203.5 76.2 114.4#
141 513.0 66.2 99.4#

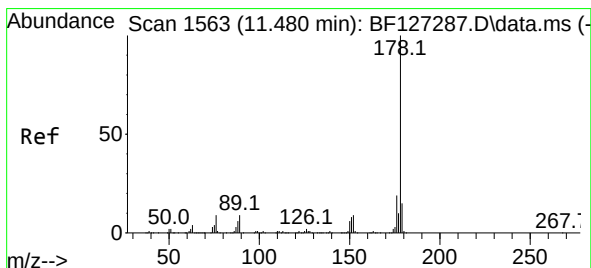
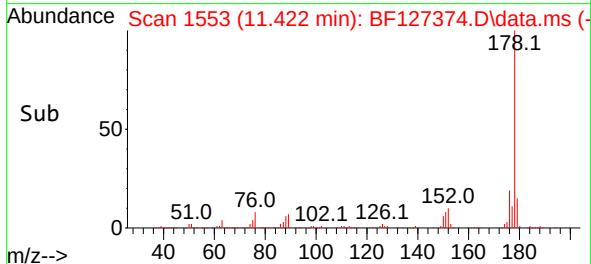
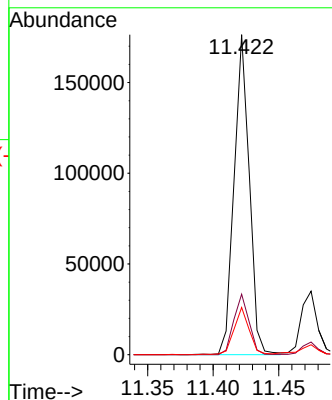
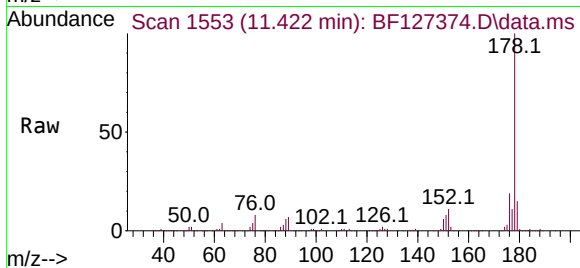




#71
Phenanthrene
Concen: 10.198 ng
RT: 11.422 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

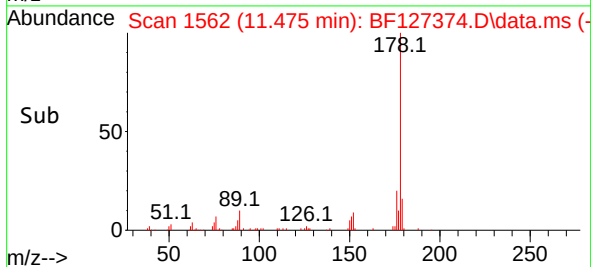
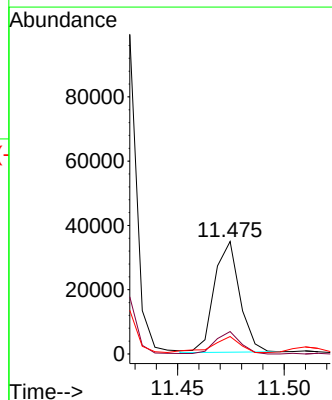
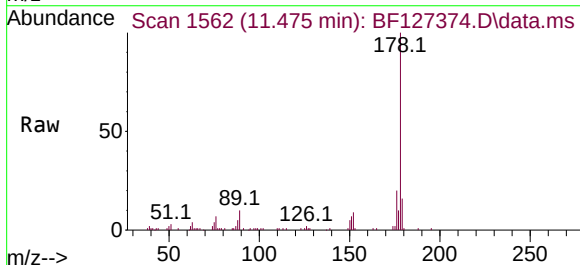
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

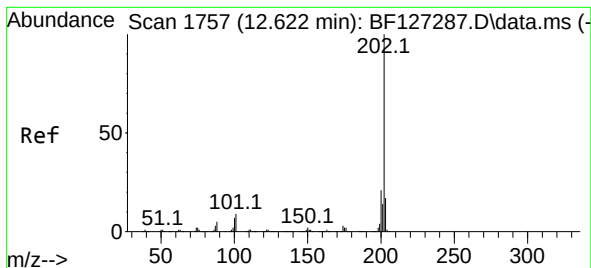
Tgt Ion:178 Resp: 142256
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 14.8 12.3 18.5



#72
Anthracene
Concen: 2.083 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:178 Resp: 28773
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.6
179 15.5 12.5 18.7





#75

Fluoranthene

Concen: 8.592 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

Instrument :

BNA_F

ClientSampleId :

C-22-23-25

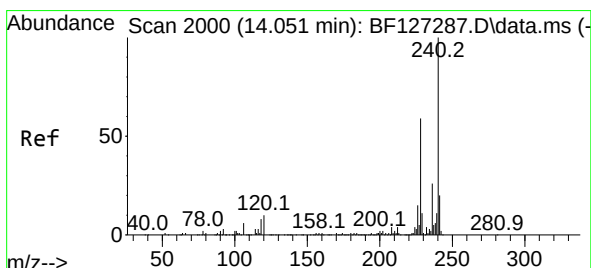
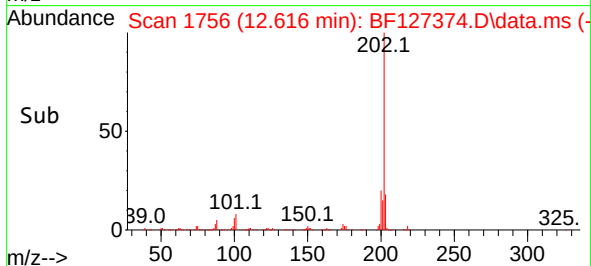
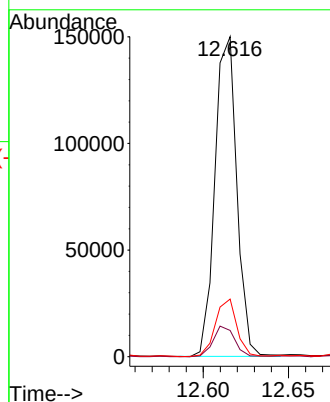
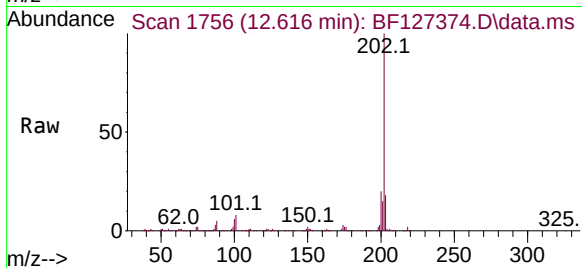
Tgt Ion:202 Resp: 134013

Ion Ratio Lower Upper

202 100

101 8.2 0.0 35.7

203 18.0 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

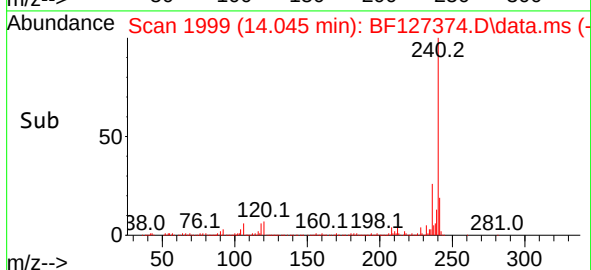
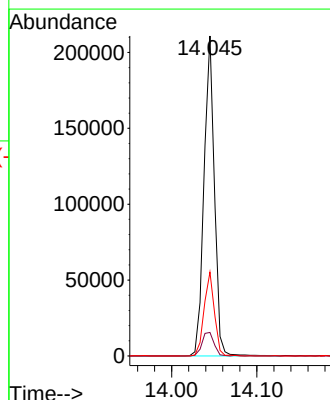
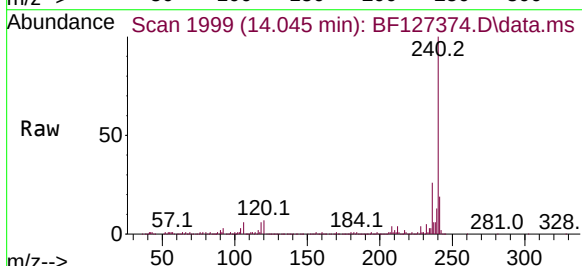
Tgt Ion:240 Resp: 178690

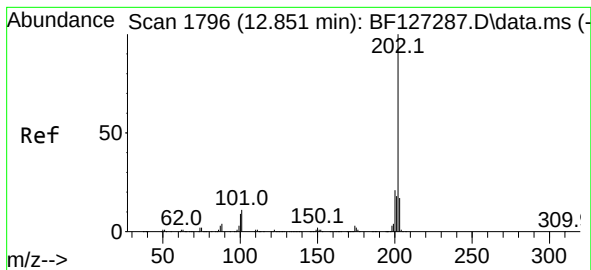
Ion Ratio Lower Upper

240 100

120 7.4 14.4 21.6#

236 26.2 20.5 30.7





#78

Pyrene

Concen: 9.278 ng

RT: 12.845 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

Instrument :

BNA_F

ClientSampleId :

C-22-23-25

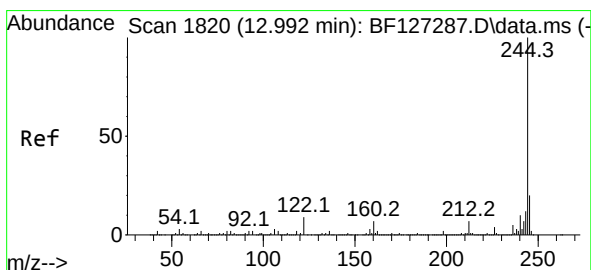
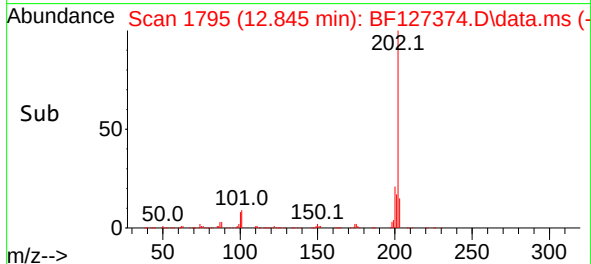
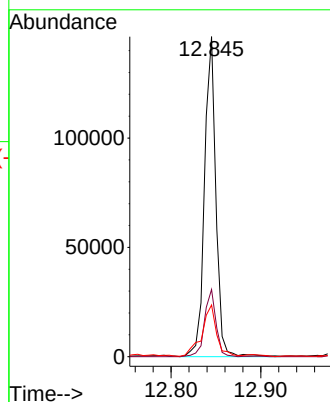
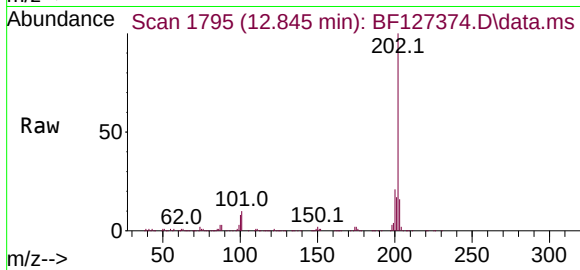
Tgt Ion:202 Resp: 129133

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 16.1 13.8 20.8



#79

Terphenyl-d14

Concen: 55.207 ng

RT: 12.986 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

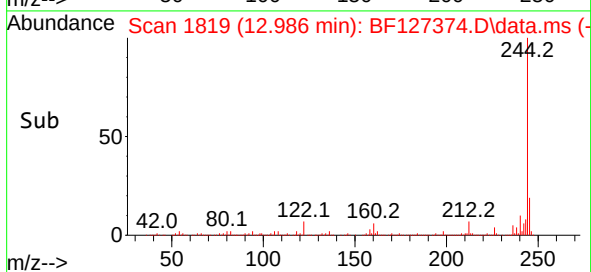
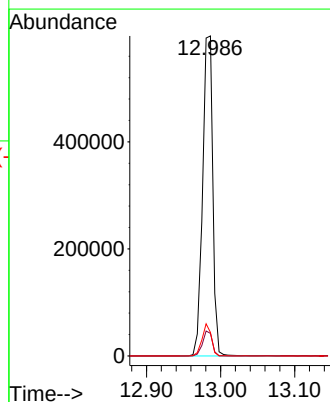
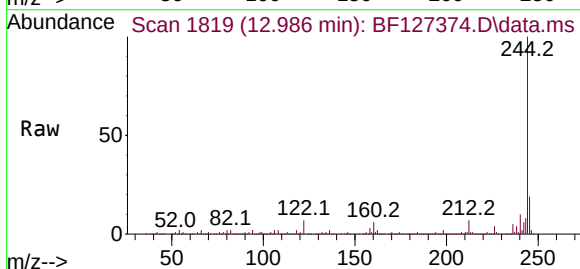
Tgt Ion:244 Resp: 572895

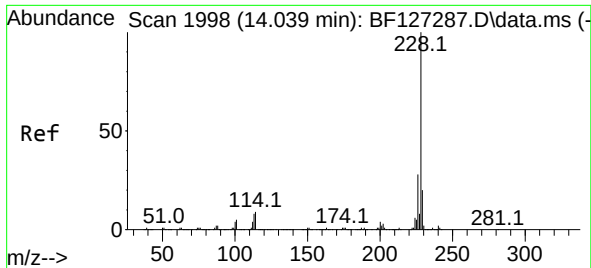
Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

122 7.3 13.3 19.9#

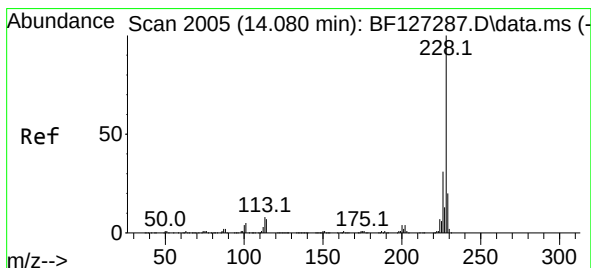
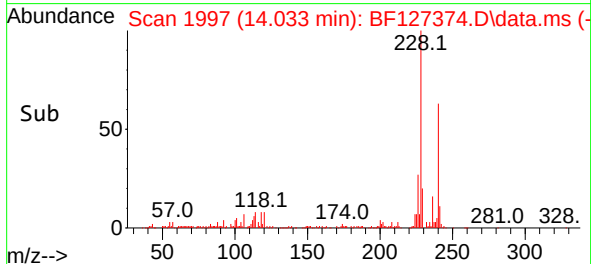
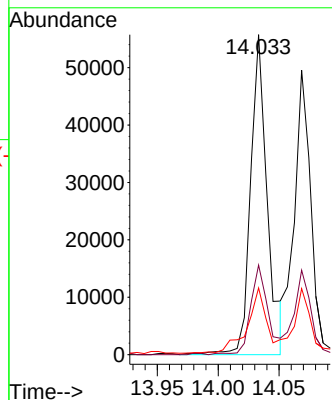
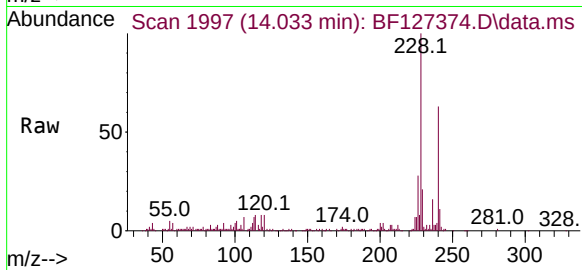




#81
Benzo(a)anthracene
Concen: 4.408 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

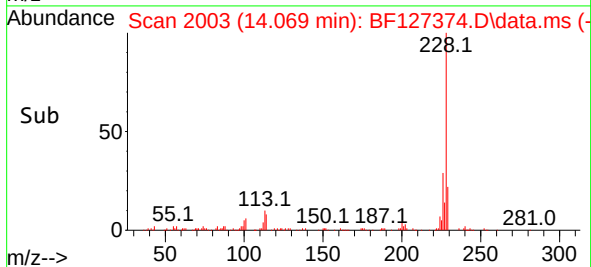
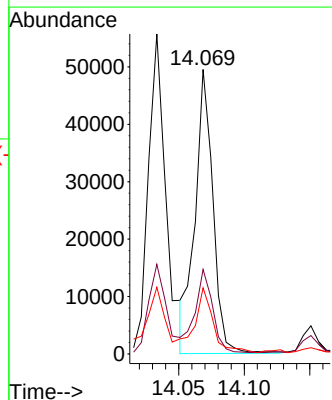
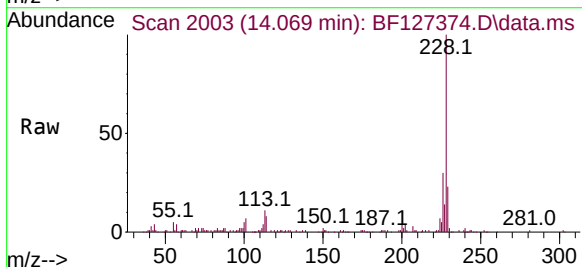
Instrument :
BNA_F
ClientSampleId :
C-22-23-25

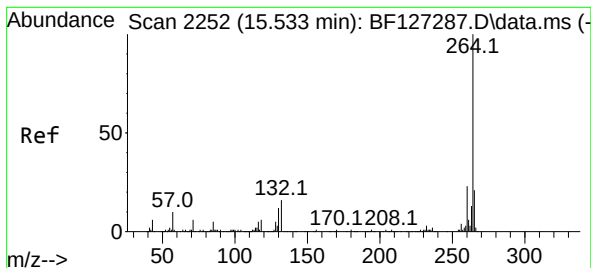
Tgt Ion:228 Resp: 53041
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.9 15.4 23.2



#83
Chrysene
Concen: 4.199 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF127374.D
Acq: 17 Mar 2022 14:20

Tgt Ion:228 Resp: 46987
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 23.3 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

Instrument :

BNA_F

ClientSampleId :

C-22-23-25

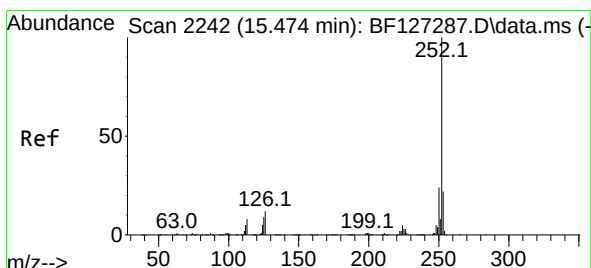
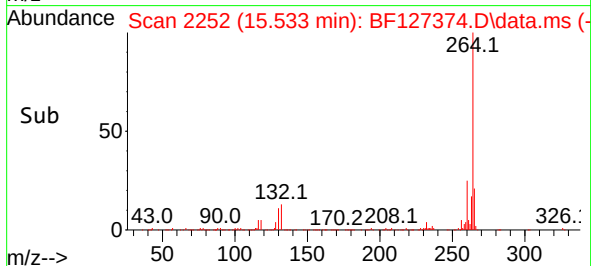
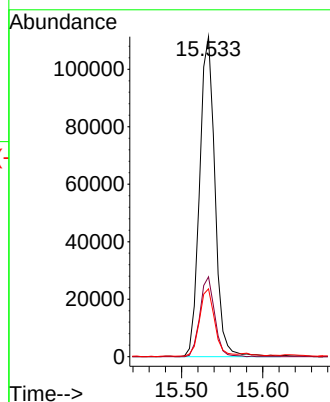
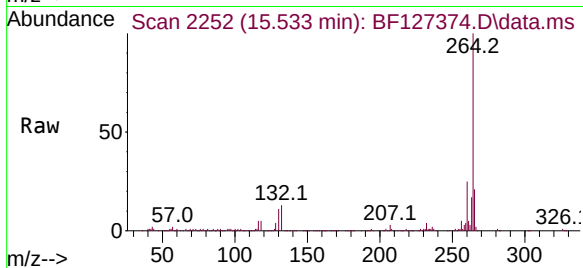
Tgt Ion:264 Resp: 146656

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.2 17.4 26.2



#90

Benzo(a)pyrene

Concen: 2.770 ng

RT: 15.404 min Scan# 2230

Delta R.T. -0.071 min

Lab File: BF127374.D

Acq: 17 Mar 2022 14:20

Tgt Ion:252 Resp: 20997

Ion Ratio Lower Upper

252 100

253 20.2 17.1 25.7

125 15.0 13.0 19.6

