

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127474.D
 Acq On : 23 Mar 2022 12:10
 Operator : CG\JU
 Sample : N2031-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 24 02:11:33 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)

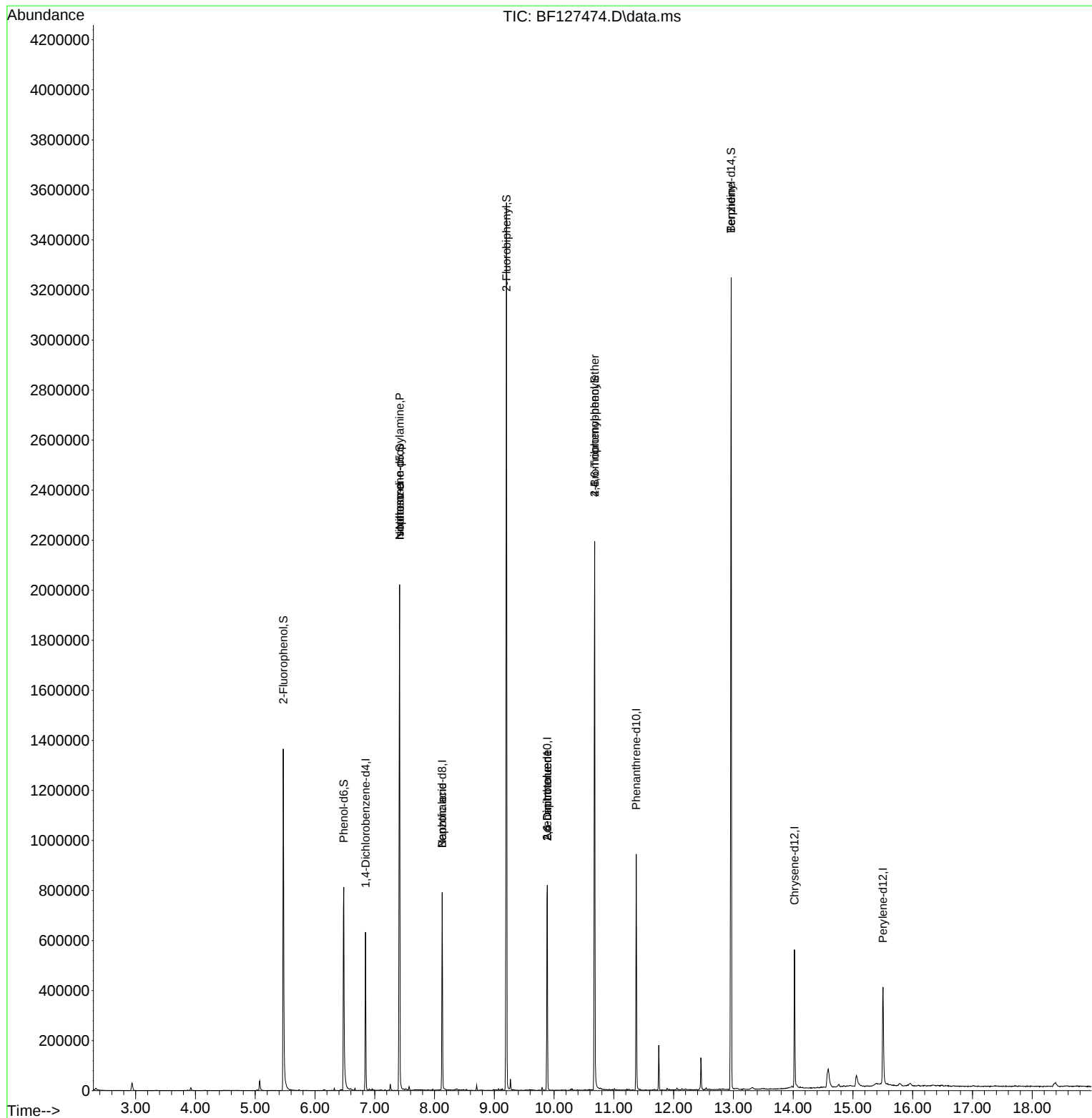
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	82078	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	299126	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	167535	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	303584	20.000	ng	0.00
76) Chrysene-d12	14.021	240	184884	20.000	ng	0.00
86) Perylene-d12	15.504	264	180818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	341163	66.348	ng	0.00
7) Phenol-d6	6.481	99	289265	41.155	ng	0.00
23) Nitrobenzene-d5	7.416	82	647222	92.489	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	249298	139.688	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1058456	92.255	ng	0.00
79) Terphenyl-d14	12.963	244	1130082	100.061	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.428	77	688	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.416	70	88069	20.903	ng	# 78
25) Isophorone	7.416	82	647218	58.070	ng	# 70
32) Benzoic acid	8.128	122	59	6.064	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	21894	8.949	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	21894	6.952	ng	# 13
58) Fluorene	10.680	166	9566	Below Cal	#	90
67) 4-Bromophenyl-phenylether	10.680	248	16359	4.615	ng	# 1
77) Benzidine	12.963	184	14204	3.222	ng	# 94

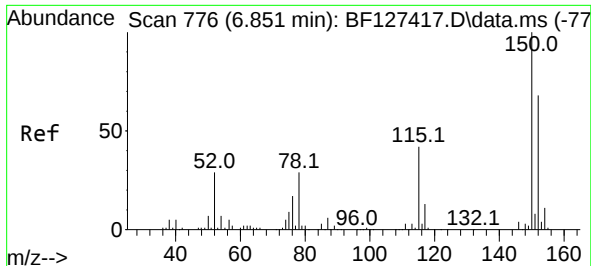
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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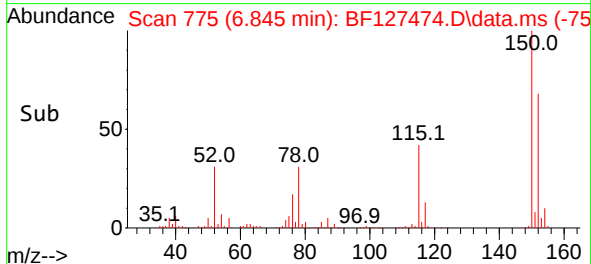
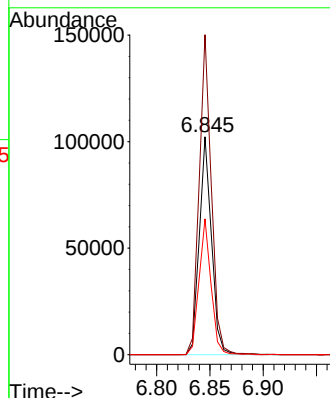
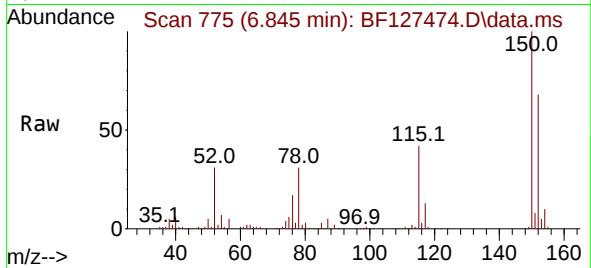




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

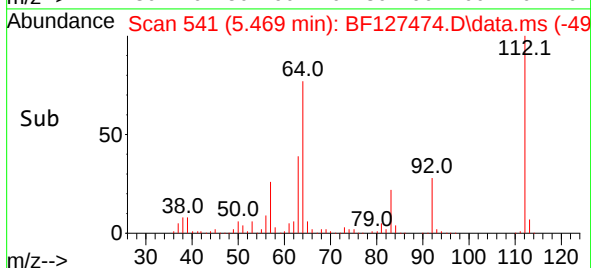
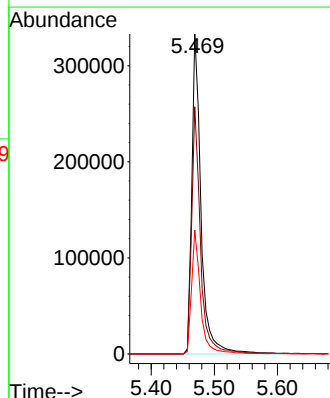
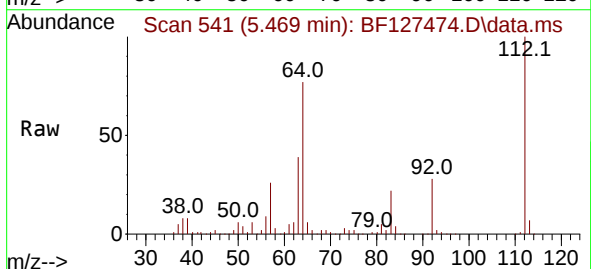
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BNA_F
ClientSampleId :
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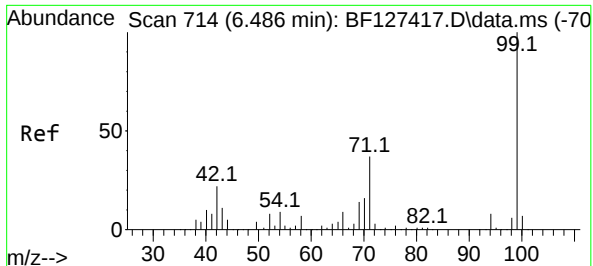
Tgt Ion:152 Resp: 82078
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 62.4 49.8 74.6



#5
2-Fluorophenol
Concen: 66.348 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

Tgt Ion:112 Resp: 341163
Ion Ratio Lower Upper
112 100
64 77.3 58.4 87.6
63 38.7 30.1 45.1

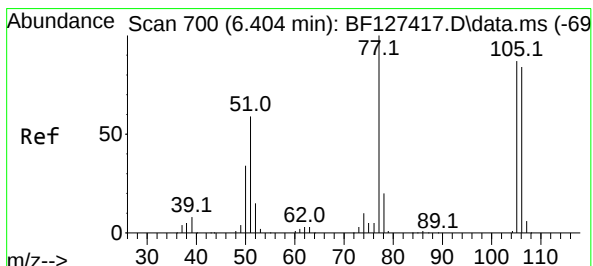
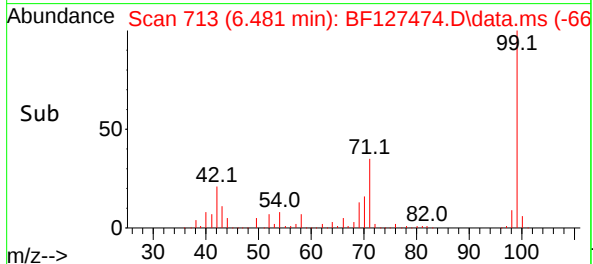
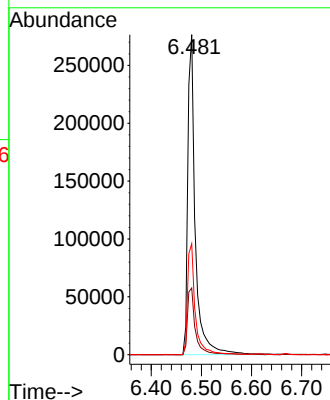
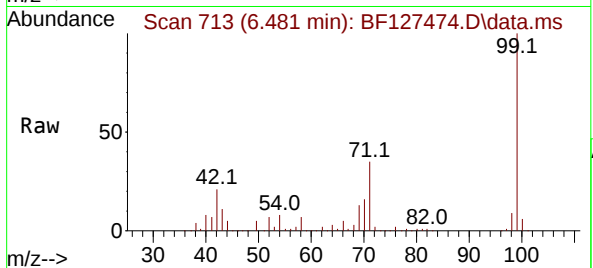




#7
Phenol-d6
Concen: 41.155 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

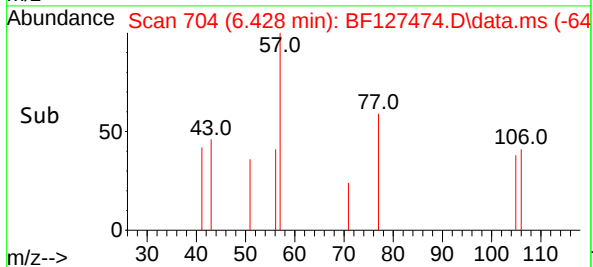
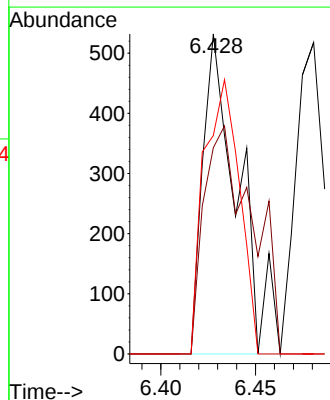
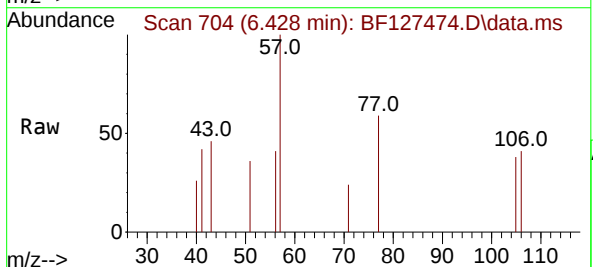
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion: 99 Resp: 289265
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 34.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.024 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

Tgt Ion: 77 Resp: 688
Ion Ratio Lower Upper
77 100
105 64.5 66.8 106.8#
106 68.2 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 20.903 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127474.D

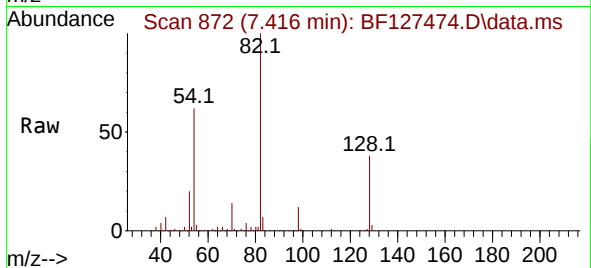
Acq: 23 Mar 2022 12:10

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK



Tgt Ion: 70 Resp: 88069

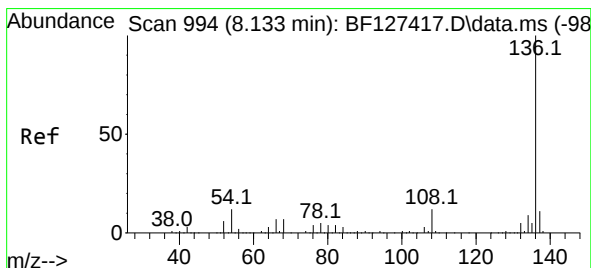
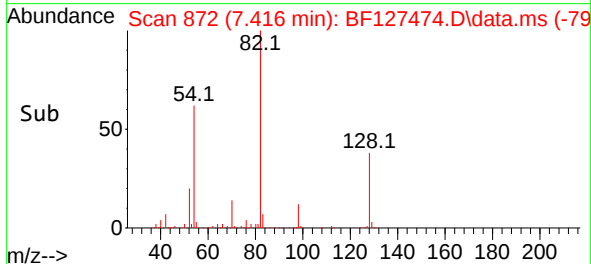
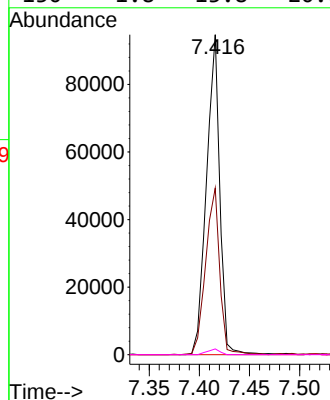
Ion Ratio Lower Upper

70 100

42 52.0 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 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: BF127474.D

Acq: 23 Mar 2022 12:10

Tgt Ion:136 Resp: 299126

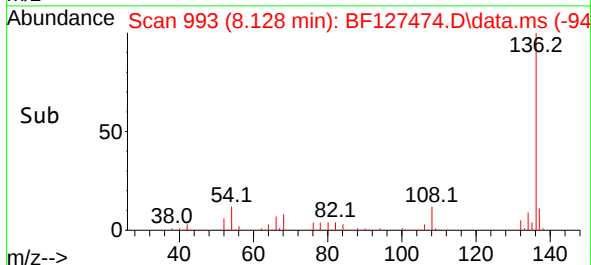
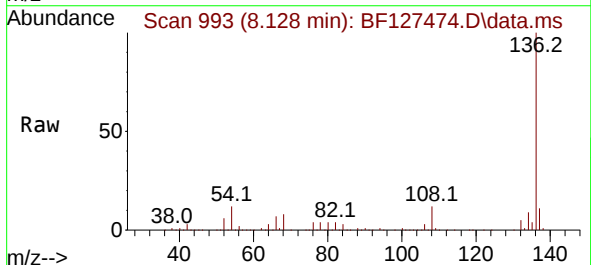
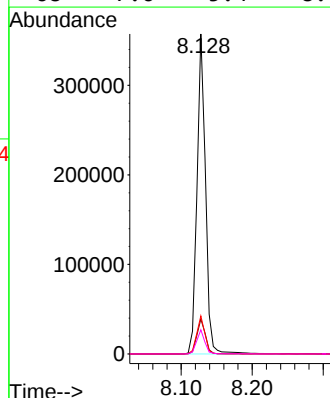
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 11.9 9.2 13.8

68 7.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 92.489 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127474.D

Acq: 23 Mar 2022 12:10

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

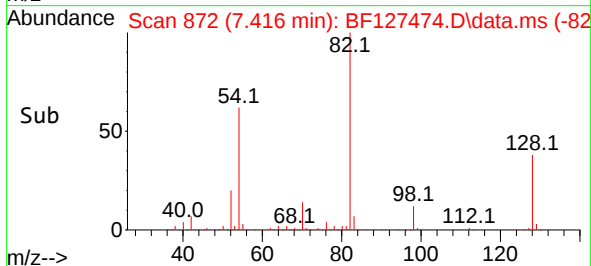
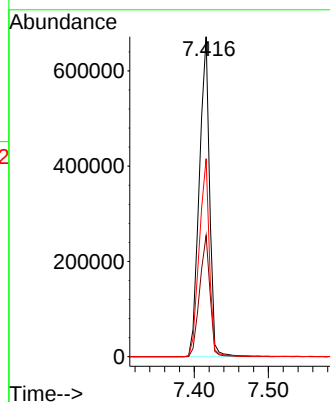
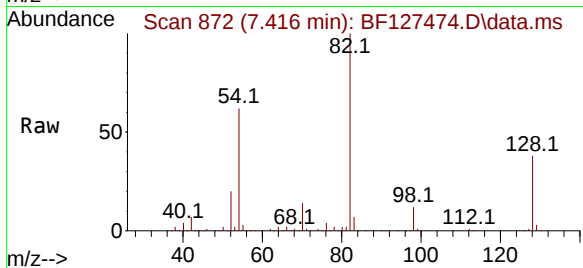
Tgt Ion: 82 Resp: 647222

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.9 48.2 72.2



#25

Isophorone

Concen: 58.070 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127474.D

Acq: 23 Mar 2022 12:10

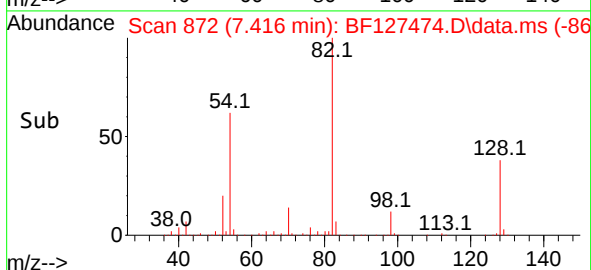
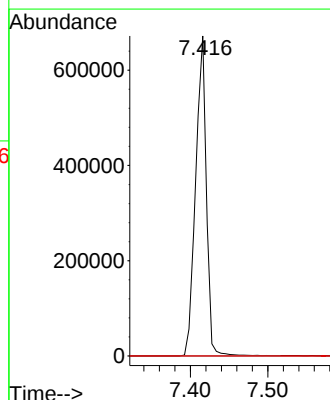
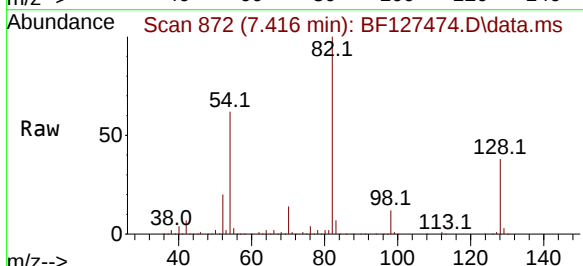
Tgt Ion: 82 Resp: 647218

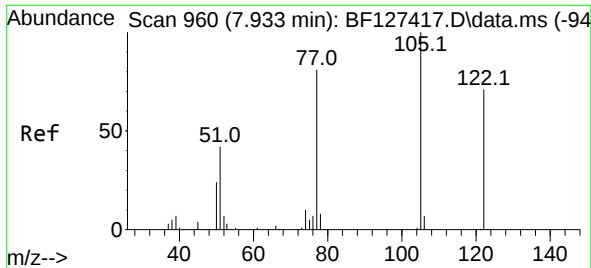
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

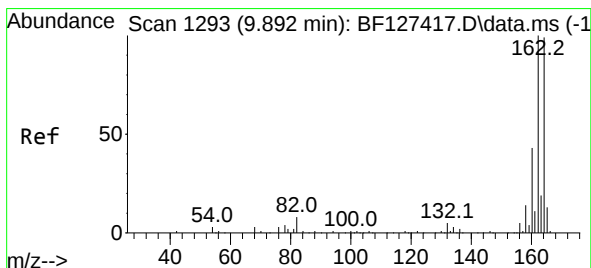
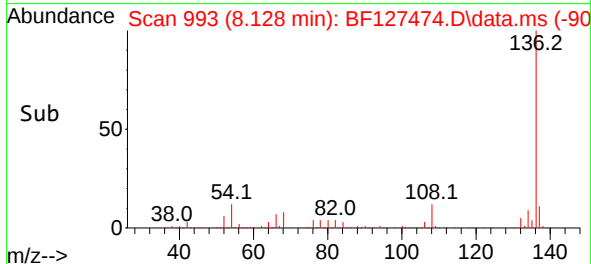
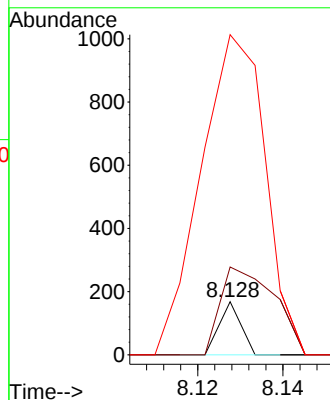
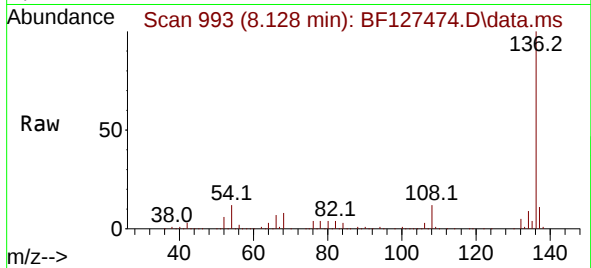




#32
Benzoic acid
Concen: 6.064 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

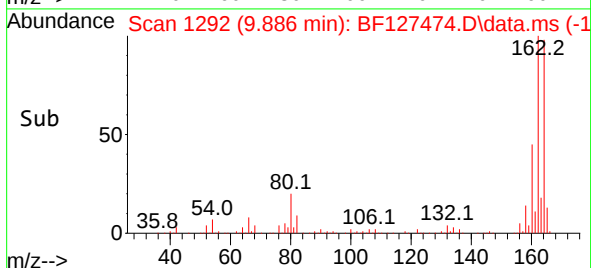
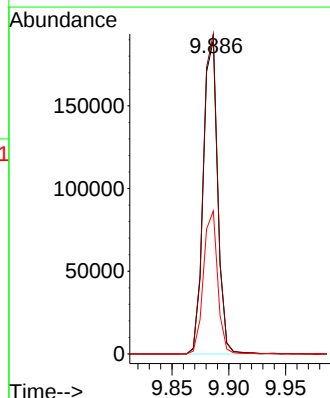
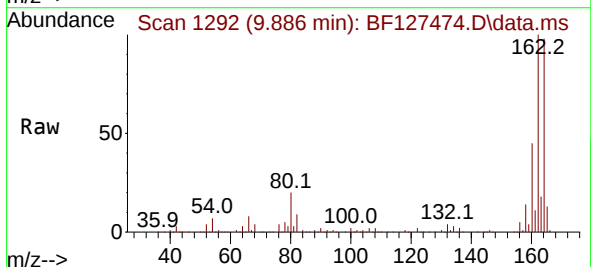
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ClientSampleId :
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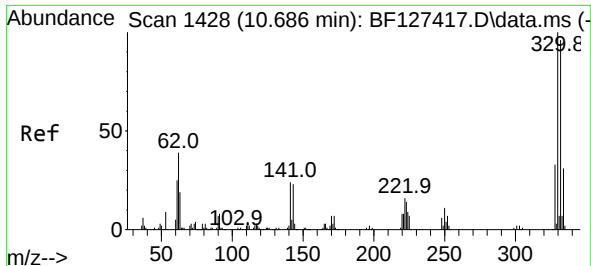
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 165.5 117.1 157.1#
77 603.0 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

Tgt Ion:164 Resp: 167535
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 45.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 139.688 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127474.D

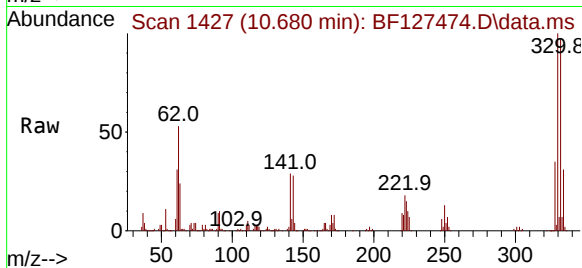
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Instrument :

BNA_F

ClientSampleId :

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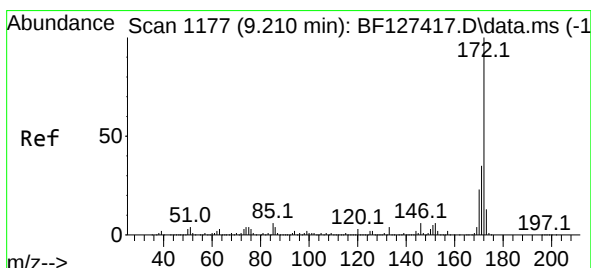
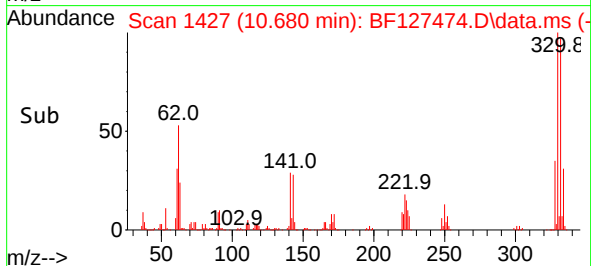
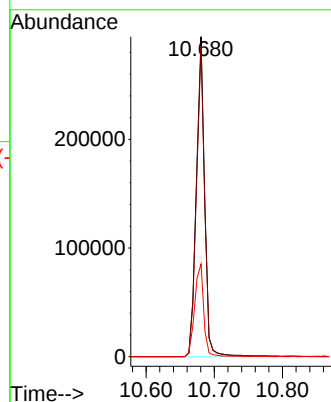
Tgt Ion:330 Resp: 249298

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 31.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 92.255 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127474.D

Acq: 23 Mar 2022 12:10

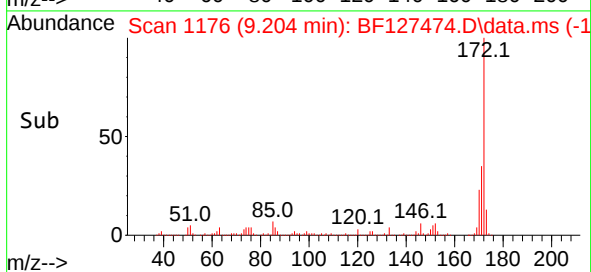
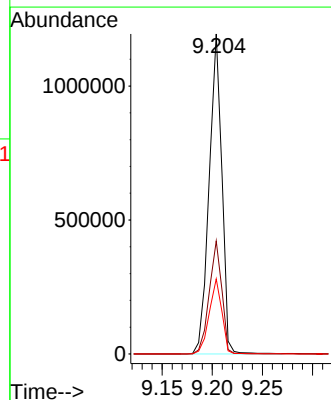
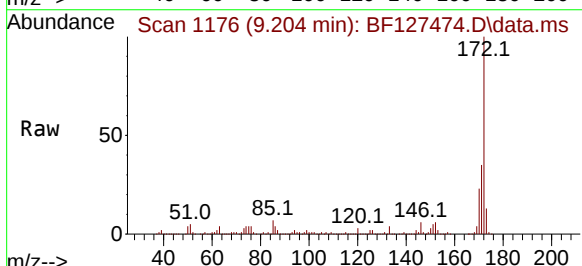
Tgt Ion:172 Resp: 1058456

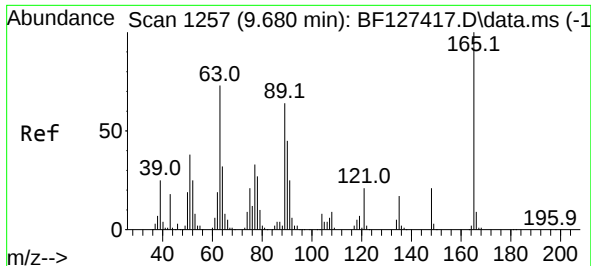
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.949 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127474.D

Acq: 23 Mar 2022 12:10

Instrument :

BNA_F

ClientSampleId :

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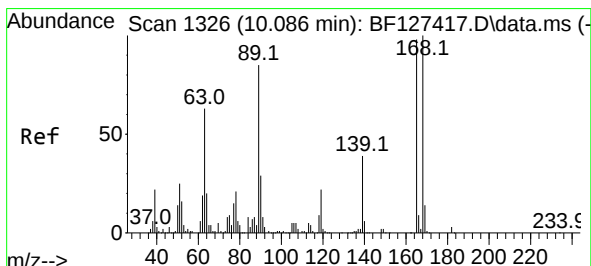
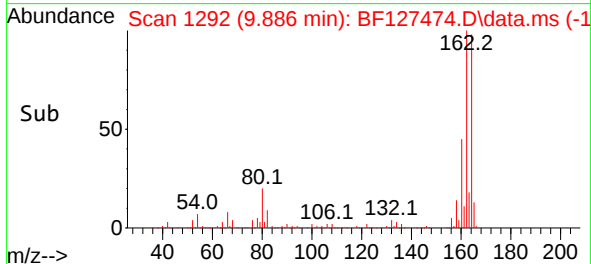
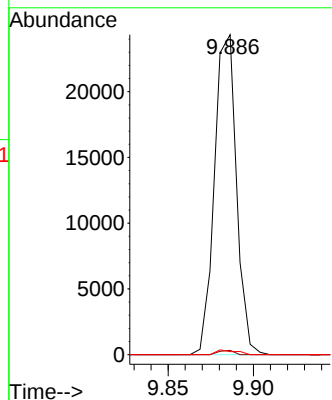
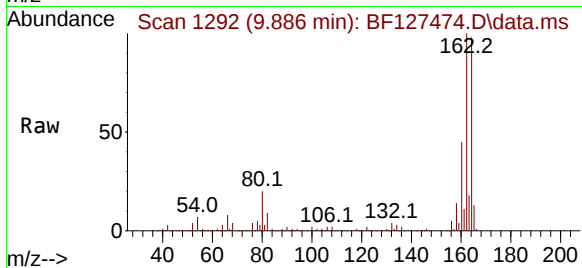
Tgt Ion:165 Resp: 21894

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.0 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.952 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF127474.D

Acq: 23 Mar 2022 12:10

Tgt Ion:165 Resp: 21894

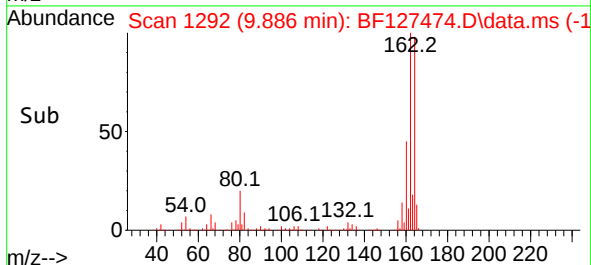
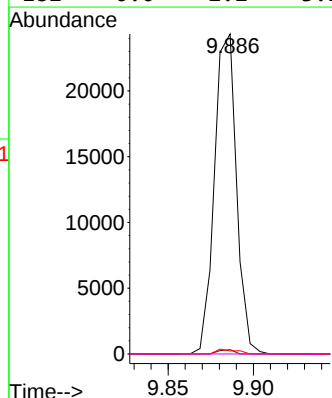
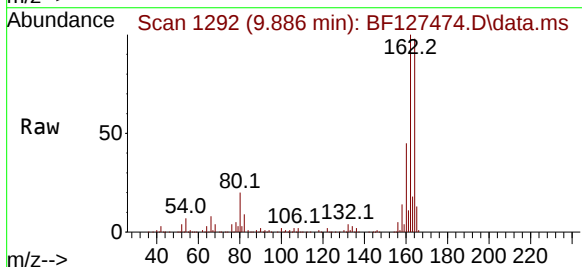
Ion Ratio Lower Upper

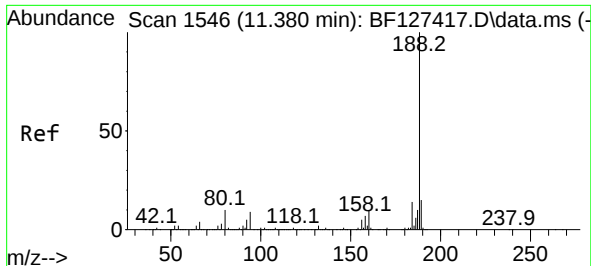
165 100

63 1.3 53.1 79.7#

89 1.0 69.2 103.8#

182 0.0 2.2 3.2#

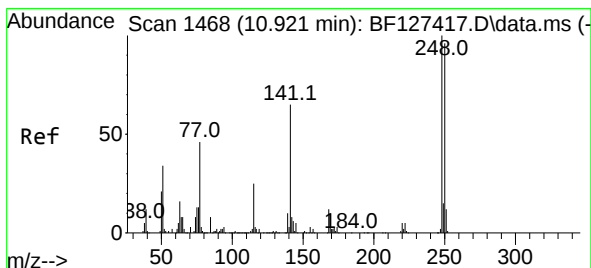
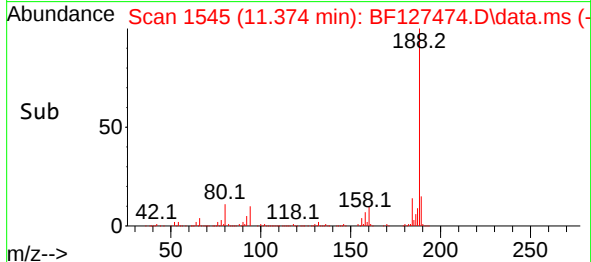
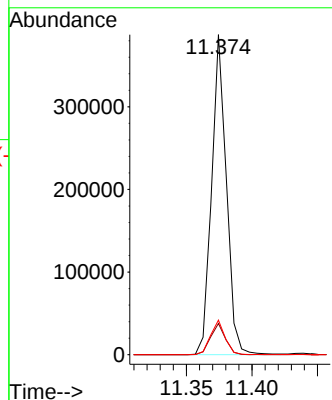
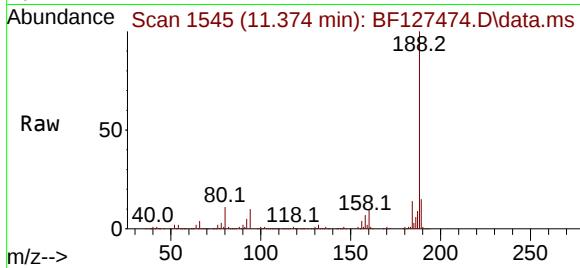




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

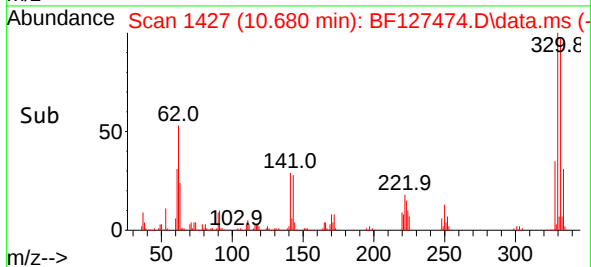
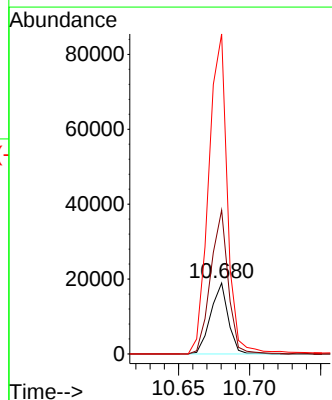
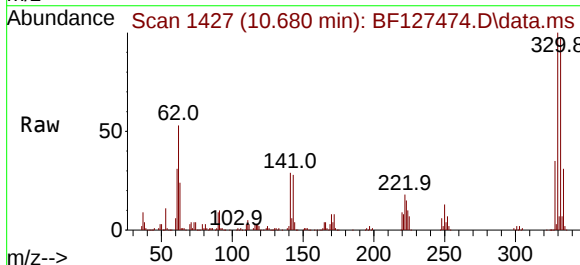
Instrument :
BNA_F
ClientSampleId :
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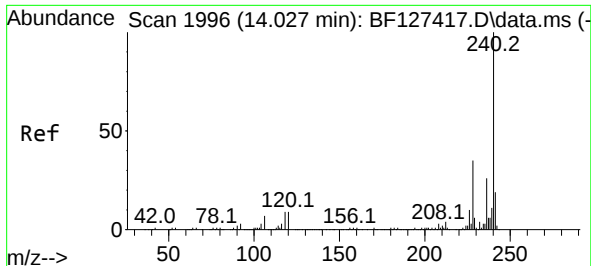
Tgt Ion:188 Resp: 303584
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.615 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

Tgt Ion:248 Resp: 16359
Ion Ratio Lower Upper
248 100
250 203.0 76.6 115.0#
141 451.7 52.2 78.2#

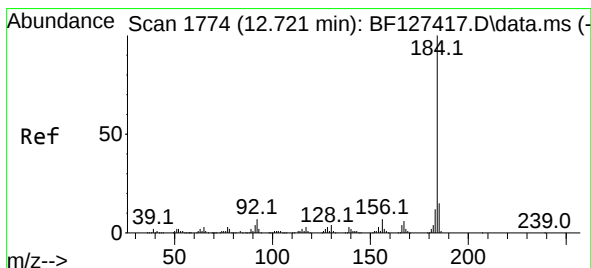
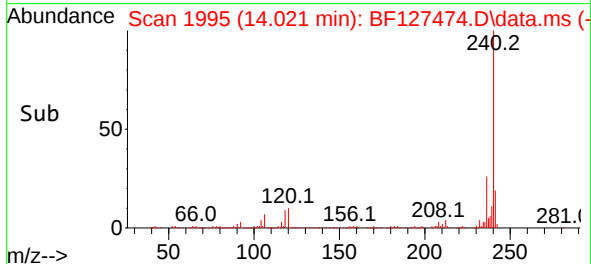
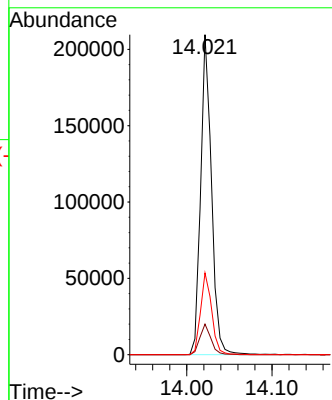
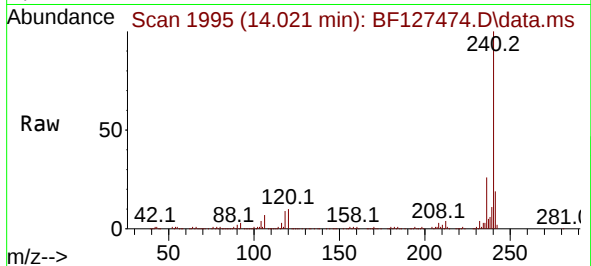




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

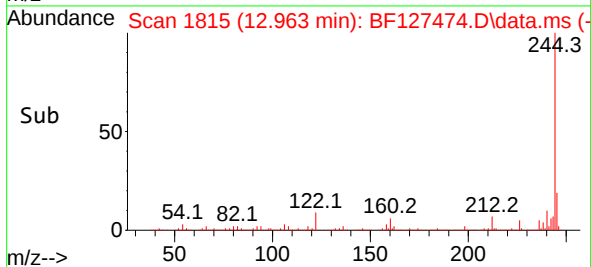
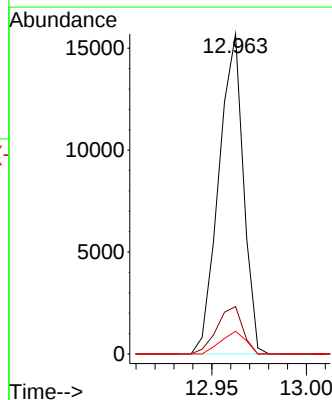
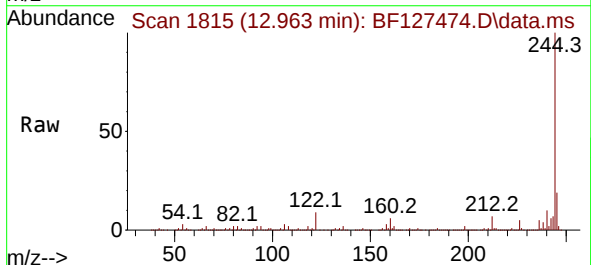
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BNA_F
ClientSampleId :
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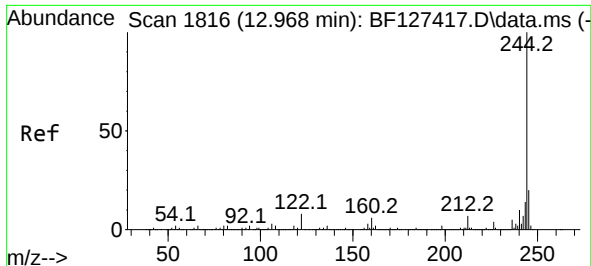
Tgt Ion:240 Resp: 184884
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.6 20.7 31.1



#77
Benzidine
Concen: 3.222 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127474.D
Acq: 23 Mar 2022 12:10

Tgt Ion:184 Resp: 14204
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 7.1 9.4 14.0#

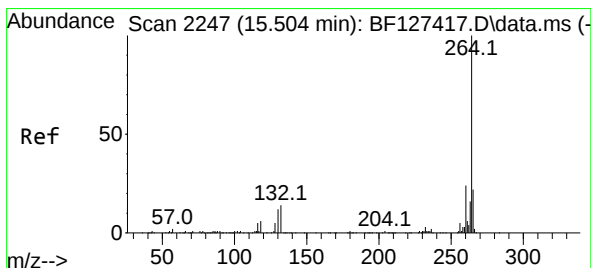
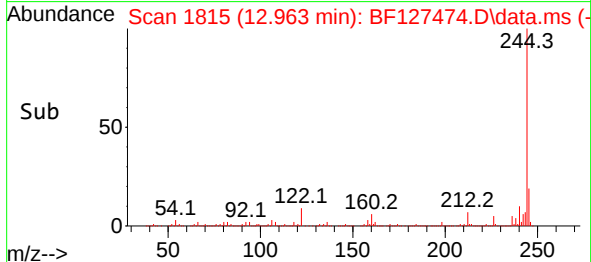
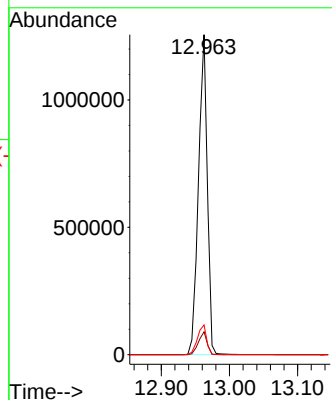
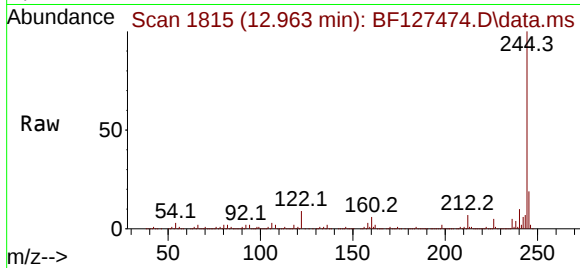




#79
 Terphenyl-d14
 Concen: 100.061 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127474.D
 Acq: 23 Mar 2022 12:10

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:244 Resp: 1130082
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.3 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127474.D
 Acq: 23 Mar 2022 12:10

Tgt Ion:264 Resp: 180818
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.2 17.4 26.2

