

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127574.D
 Acq On : 29 Mar 2022 19:21
 Operator : CG\JU
 Sample : N2157-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Mar 30 08:32:37 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 29 07:13:31 2022
 Response via : Initial Calibration

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

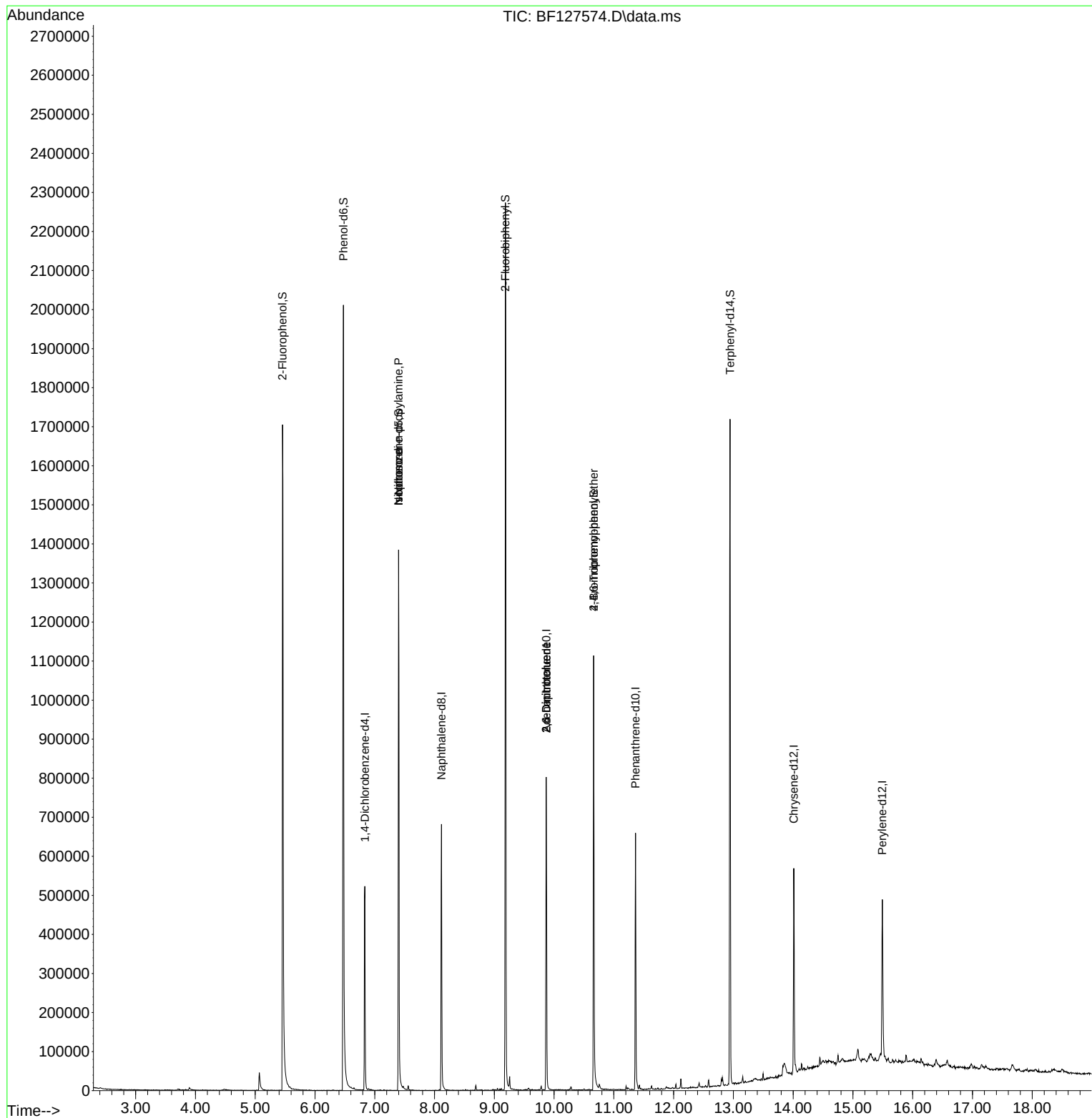
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	78796	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	277594	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	152171	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	233776	20.000	ng	0.00
76) Chrysene-d12	14.010	240	180291	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	193195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	474226	96.067	ng	0.00
7) Phenol-d6	6.475	99	636889	94.386	ng	0.00
23) Nitrobenzene-d5	7.398	82	427461	65.823	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	119910	73.972	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	701755	67.340	ng	0.00
79) Terphenyl-d14	12.945	244	564845	51.287	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	991	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.398	70	56639	14.003	ng	# 81
25) Isophorone	7.398	82	427459	41.328	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	19373	8.718	ng	# 17
55) Dibenzofuran	10.092	168	115	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	19373	6.773	ng	# 14
58) Fluorene	10.428	166	248	Below Cal	#	78
67) 4-Bromophenyl-phenylether	10.663	248	8116	2.974	ng	# 1

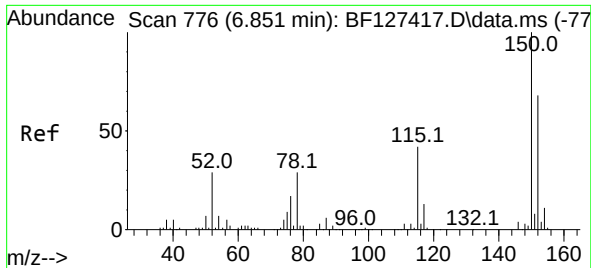
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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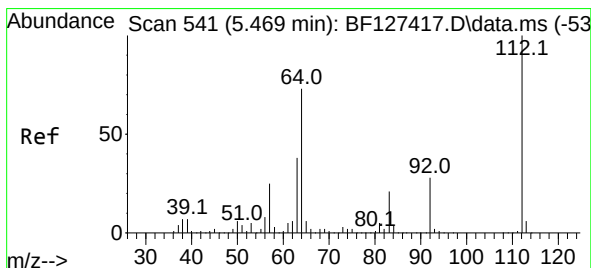
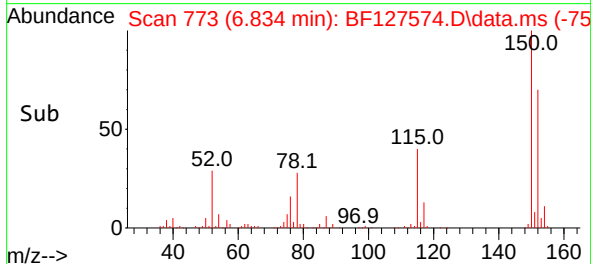
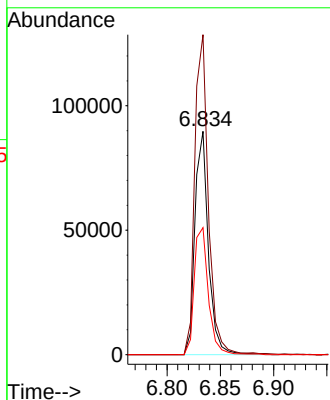
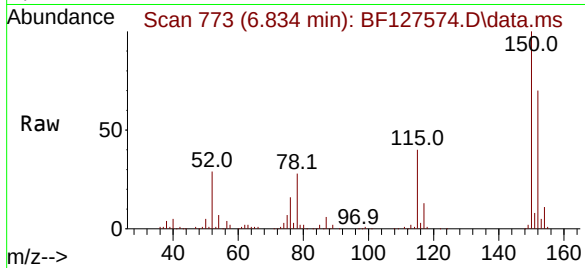




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

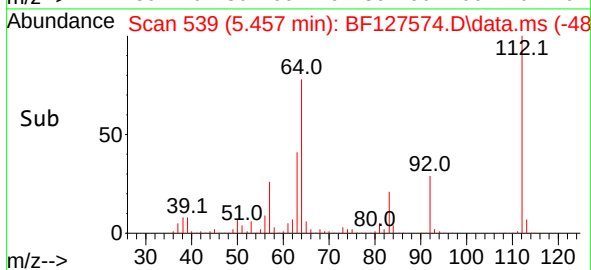
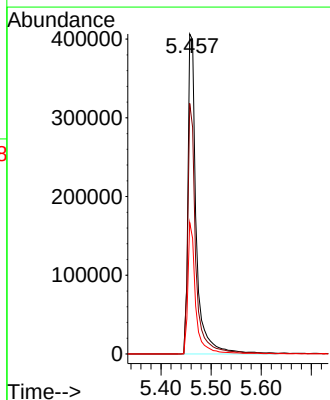
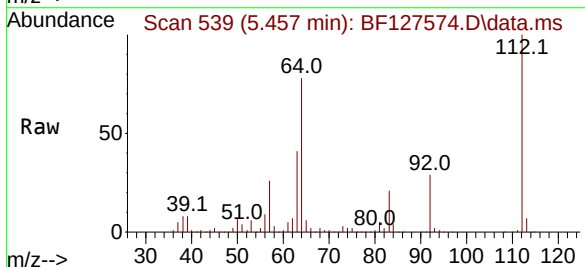
Instrument :
BNA_F
ClientSampleId :
TP2

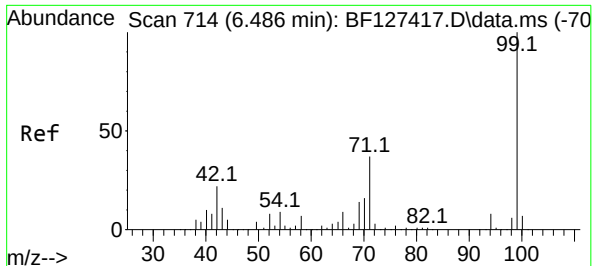
Tgt Ion:152 Resp: 78796
Ion Ratio Lower Upper
152 100
150 143.2 117.2 175.8
115 56.8 49.8 74.6



#5
2-Fluorophenol
Concen: 96.067 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.000 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion:112 Resp: 474226
Ion Ratio Lower Upper
112 100
64 78.3 58.4 87.6
63 41.1 30.1 45.1

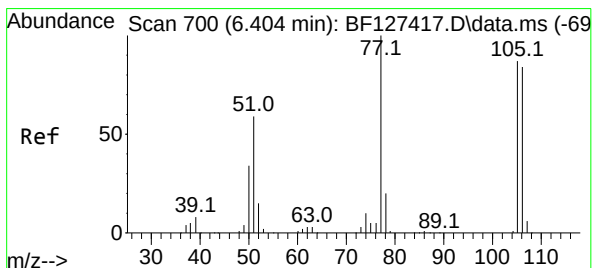
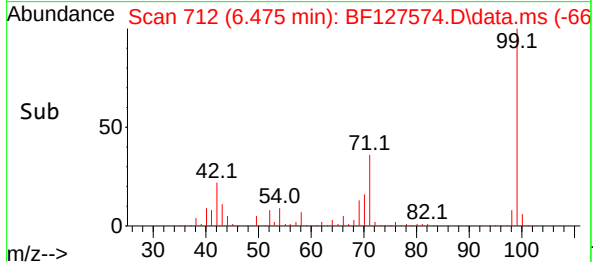
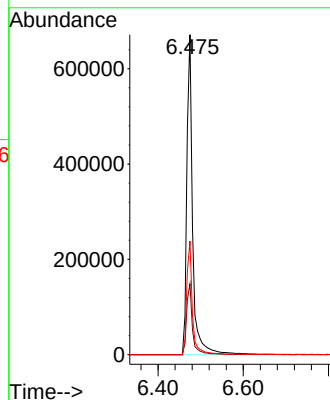
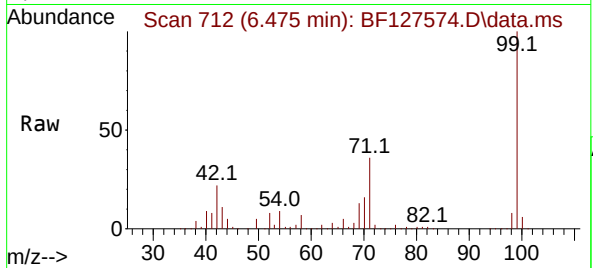




#7
Phenol-d6
Concen: 94.386 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

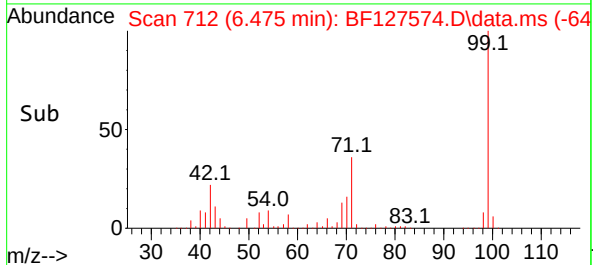
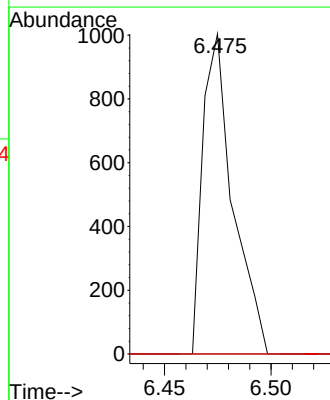
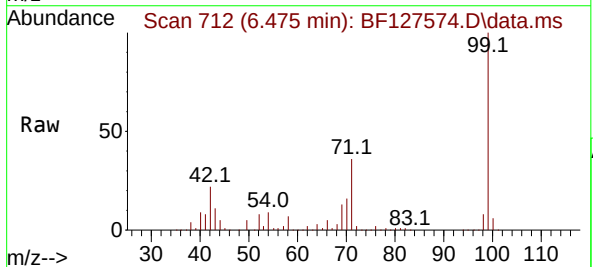
Instrument :
BNA_F
ClientSampleId :
TP2

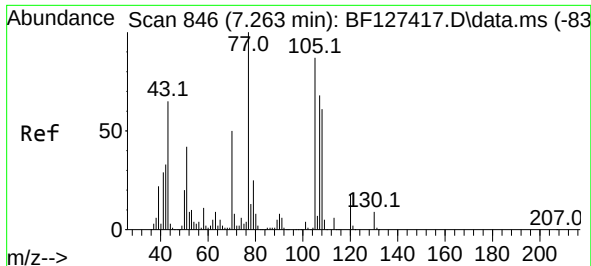
Tgt Ion: 99 Resp: 636889
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 35.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.083 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion: 77 Resp: 991
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.003 ng

RT: 7.398 min Scan# 80

Delta R.T. 0.147 min

Lab File: BF127574.D

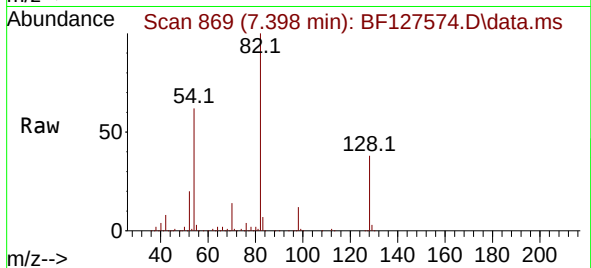
Acq: 29 Mar 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP2



Tgt Ion: 70 Resp: 56639

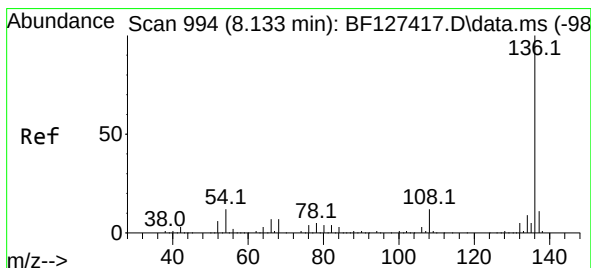
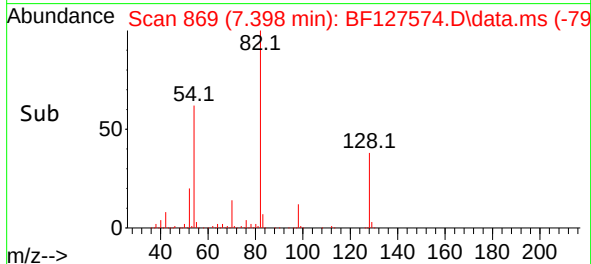
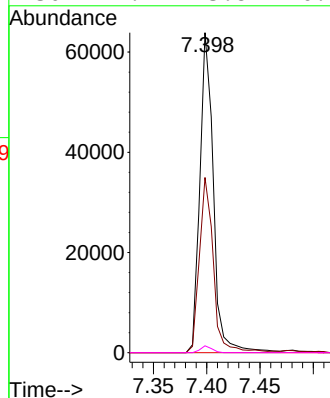
Ion Ratio Lower Upper

70 100

42 54.8 53.0 79.6

101 0.0 6.8 10.2#

130 2.1 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127574.D

Acq: 29 Mar 2022 19:21

Tgt Ion: 136 Resp: 277594

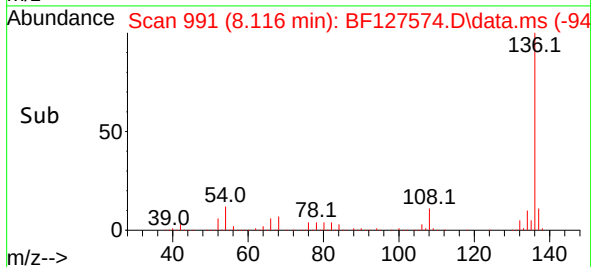
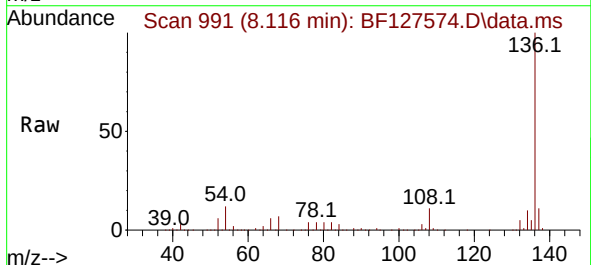
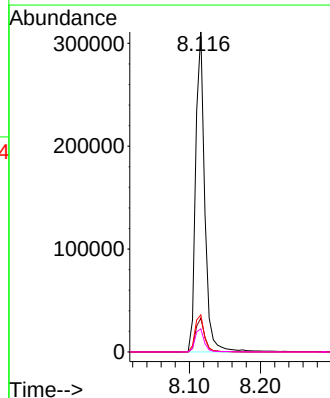
Ion Ratio Lower Upper

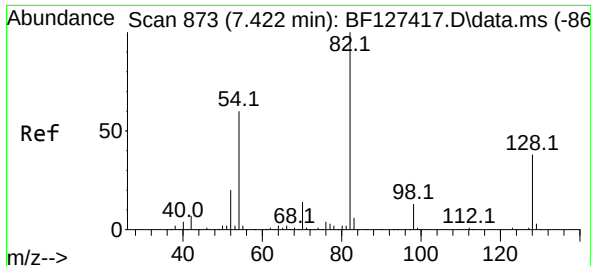
136 100

137 10.5 8.6 13.0

54 11.6 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 65.823 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF127574.D

Acq: 29 Mar 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP2

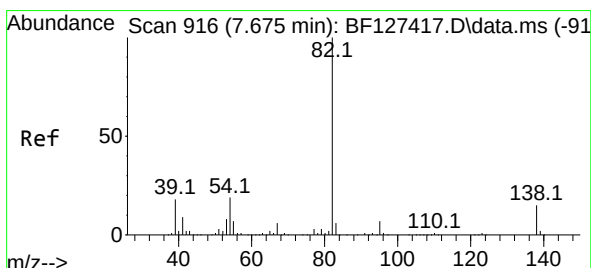
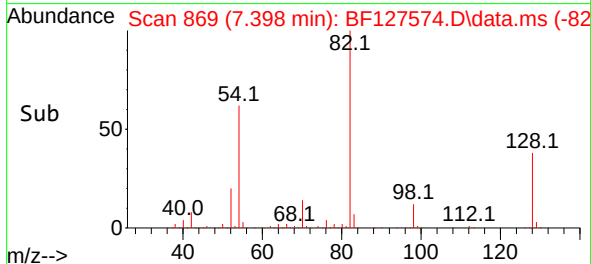
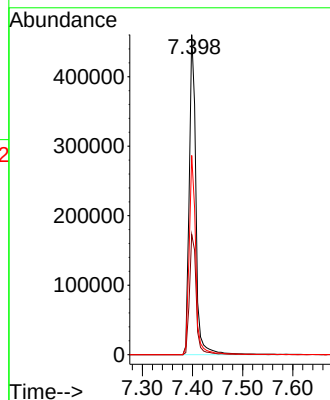
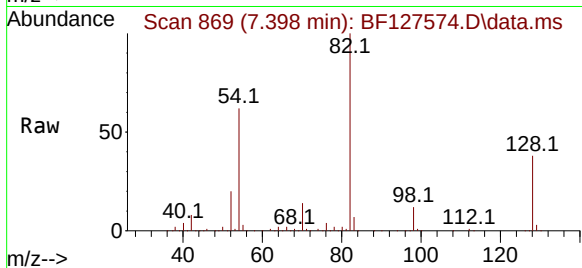
Tgt Ion: 82 Resp: 427461

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 62.3 48.2 72.2



#25

Isophorone

Concen: 41.328 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.265 min

Lab File: BF127574.D

Acq: 29 Mar 2022 19:21

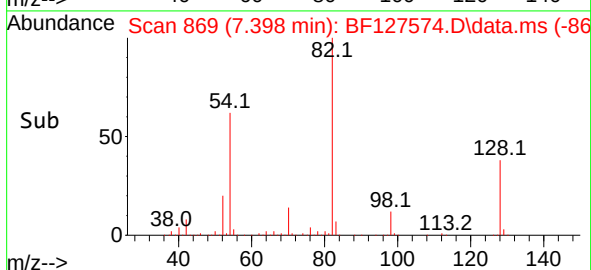
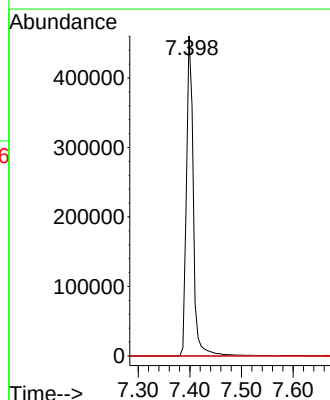
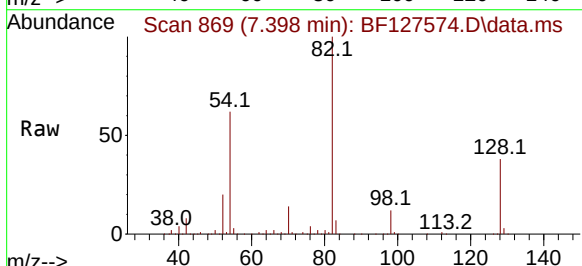
Tgt Ion: 82 Resp: 427459

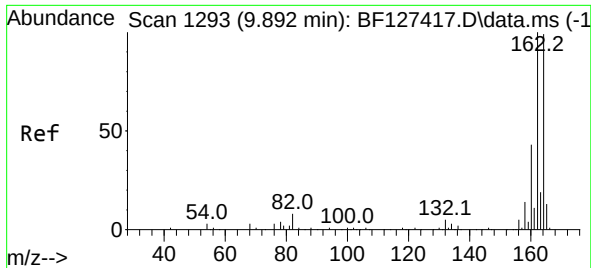
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

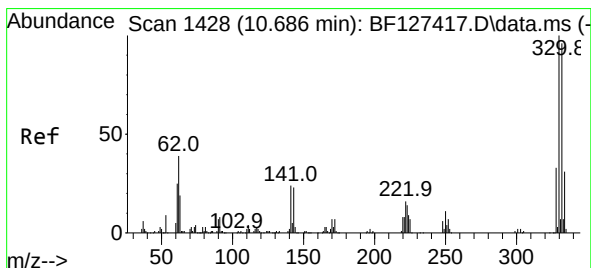
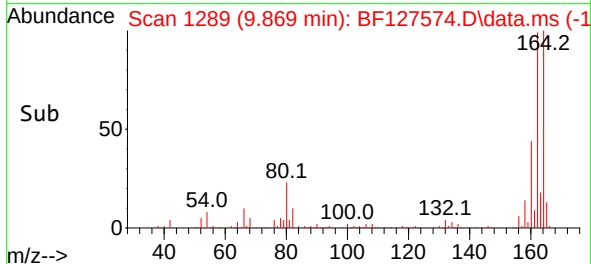
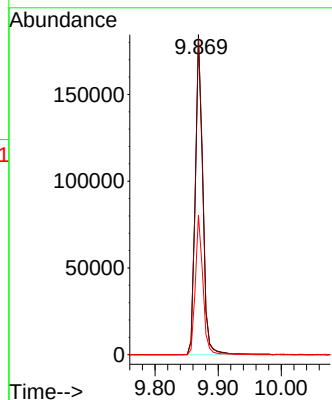
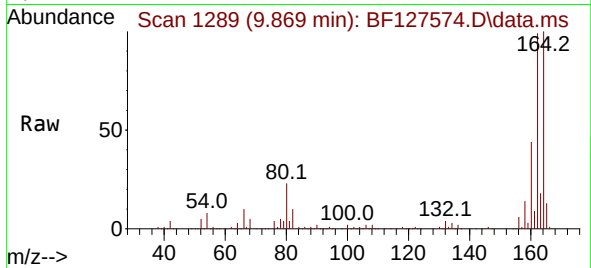




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

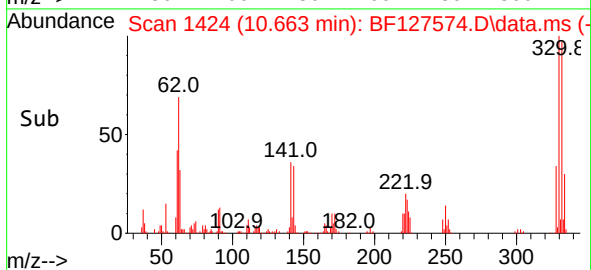
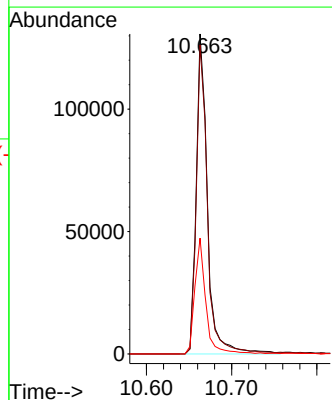
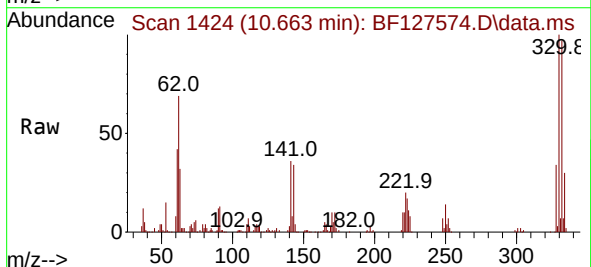
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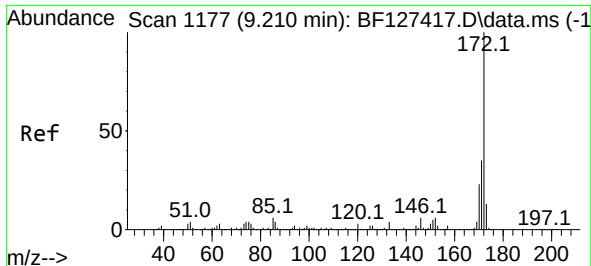
Tgt Ion:164 Resp: 152171
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 43.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 73.972 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion:330 Resp: 119910
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 35.4 26.2 39.4

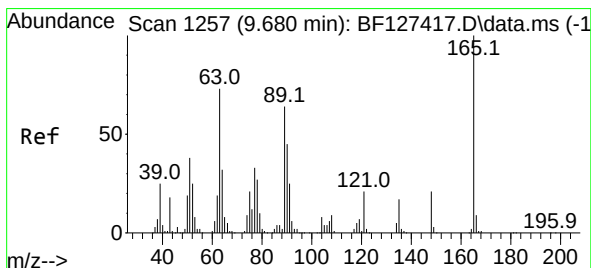
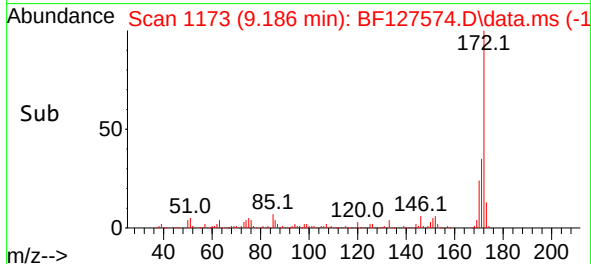
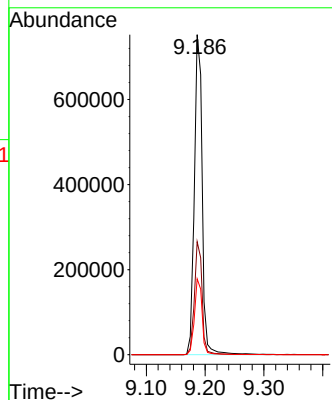
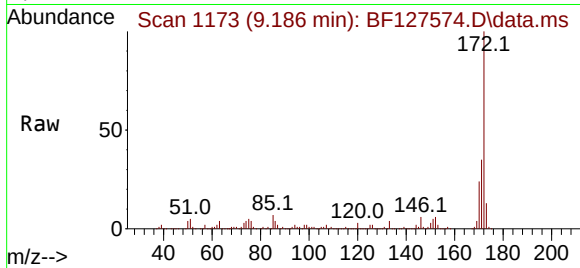




#45
2-Fluorobiphenyl
Concen: 67.340 ng
RT: 9.186 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

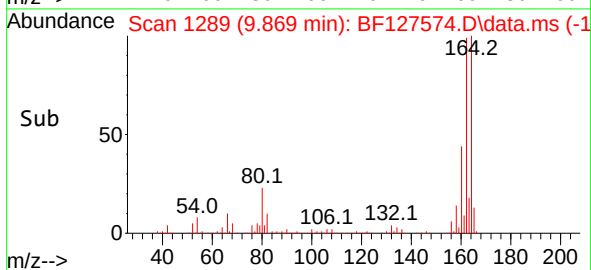
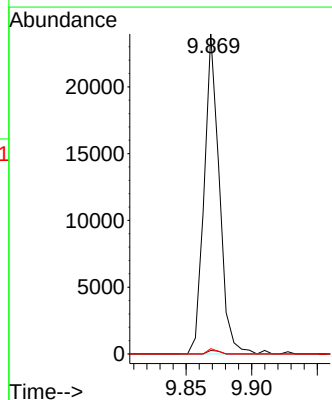
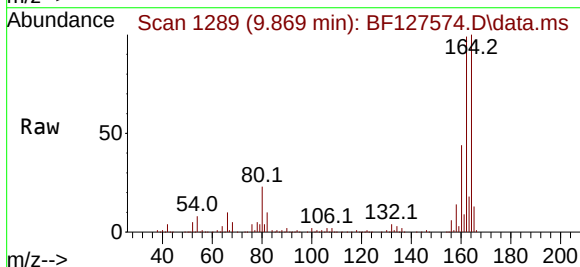
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ClientSampleId :
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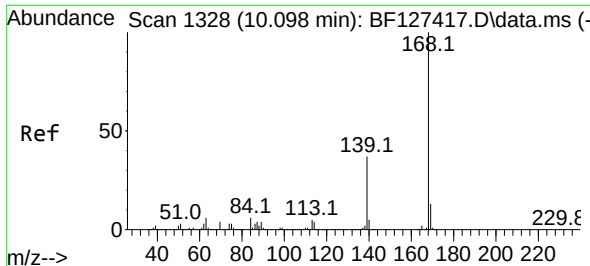
Tgt Ion:172 Resp: 701755
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion:165 Resp: 19373
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.6 51.5 77.3#

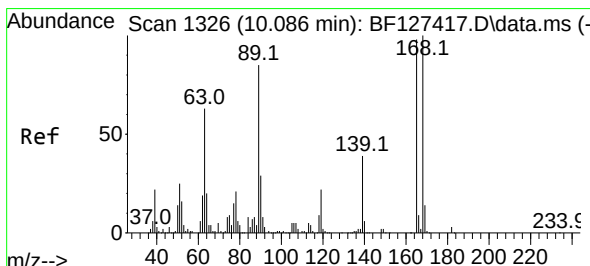
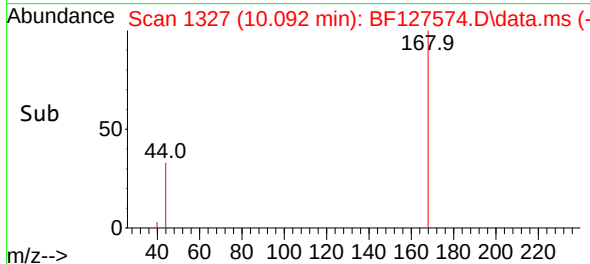
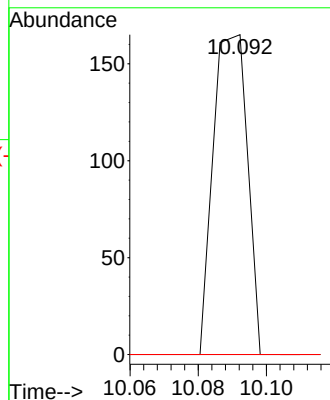
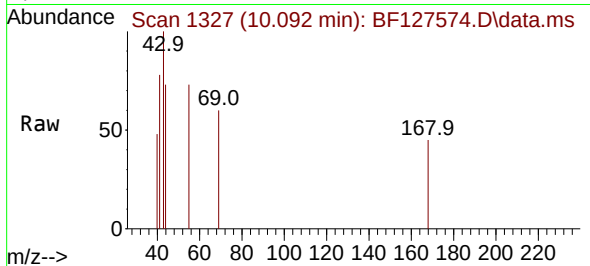




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

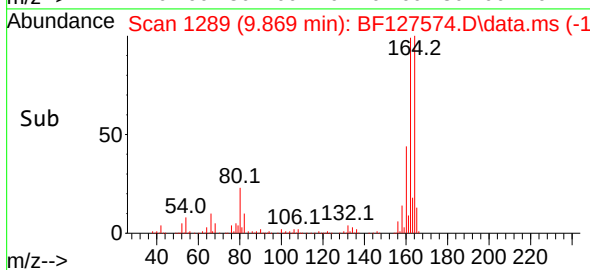
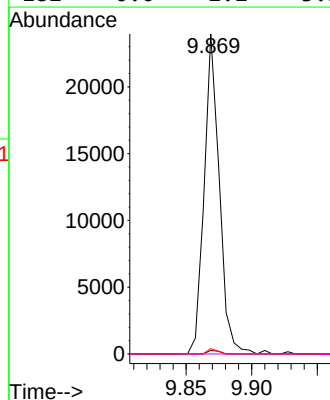
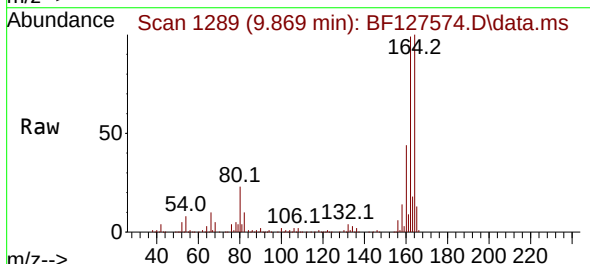
Instrument :
BNA_F
ClientSampleId :
TP2

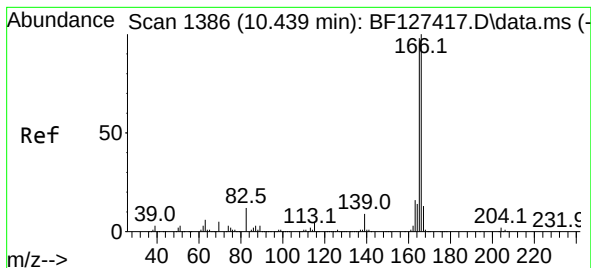
Tgt Ion:168 Resp: 115
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion:165 Resp: 19373
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127574.D

Acq: 29 Mar 2022 19:21

Instrument :

BNA_F

ClientSampleId :

TP2

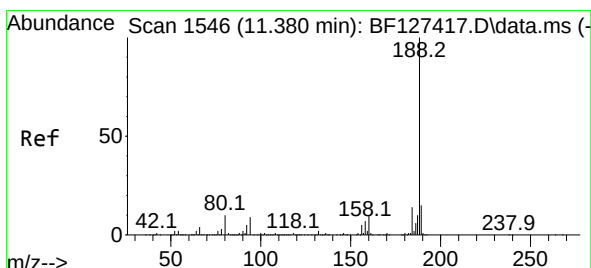
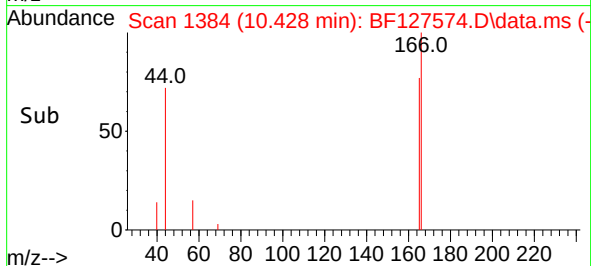
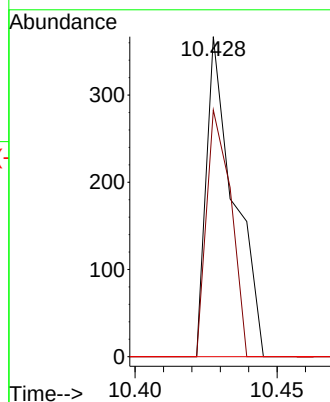
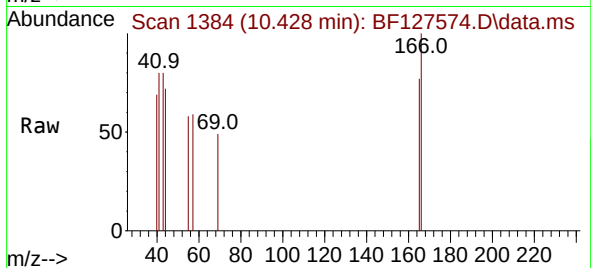
Tgt Ion:166 Resp: 248

Ion Ratio Lower Upper

166 100

165 77.1 78.1 117.1#

167 0.0 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF127574.D

Acq: 29 Mar 2022 19:21

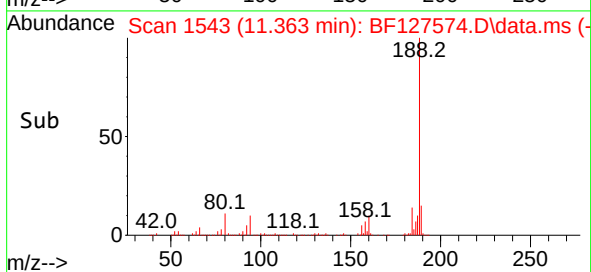
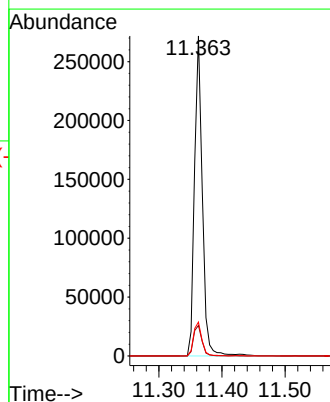
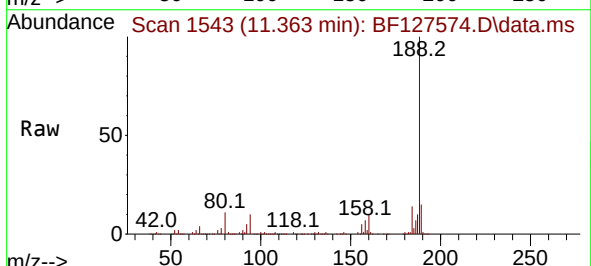
Tgt Ion:188 Resp: 233776

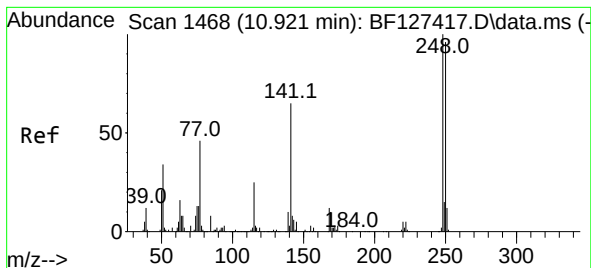
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.0

80 10.6 8.0 12.0

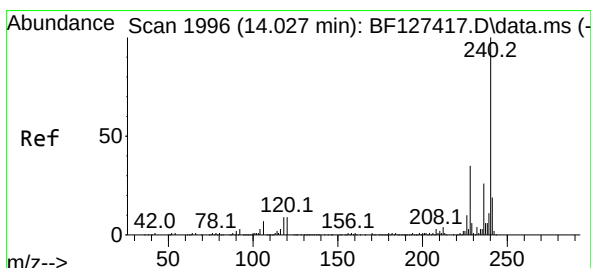
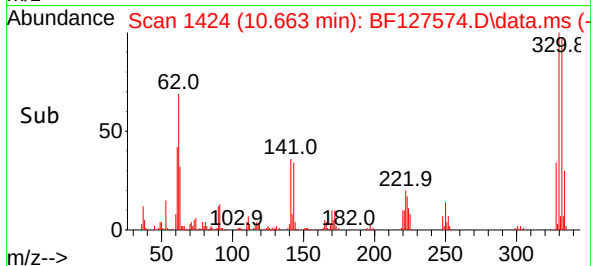
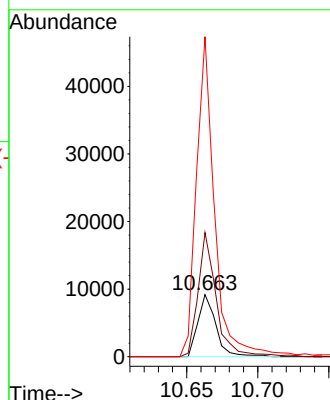
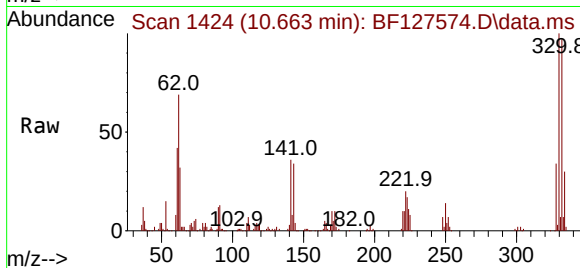




#67
4-Bromophenyl-phenylether
Concen: 2.974 ng
RT: 10.663 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

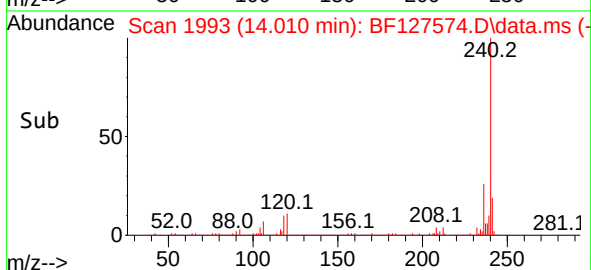
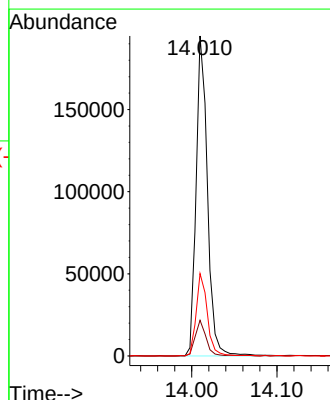
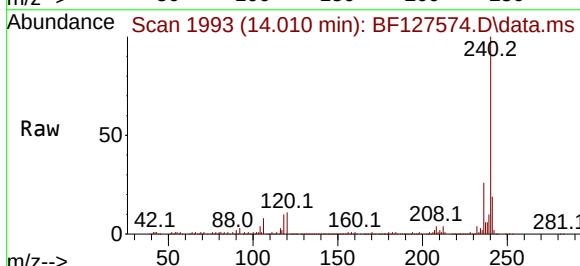
Instrument :
BNA_F
ClientSampleId :
TP2

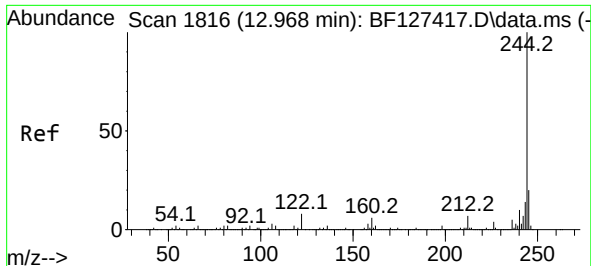
Tgt Ion:248 Resp: 8116
Ion Ratio Lower Upper
248 100
250 200.1 76.6 115.0#
141 515.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127574.D
Acq: 29 Mar 2022 19:21

Tgt Ion:240 Resp: 180291
Ion Ratio Lower Upper
240 100
120 11.2 7.1 10.7#
236 25.8 20.7 31.1

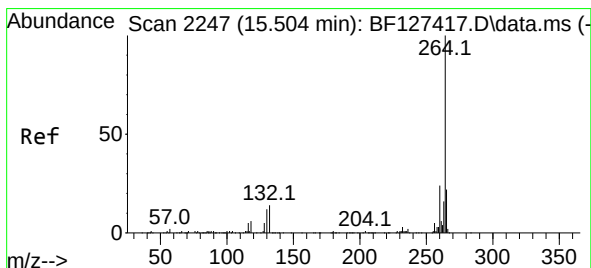
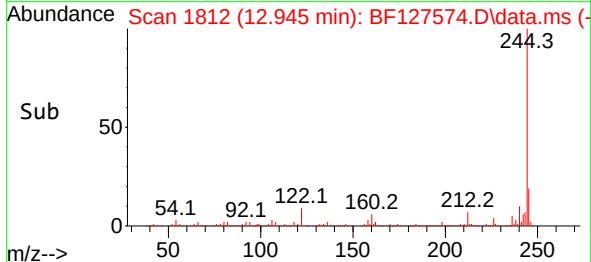
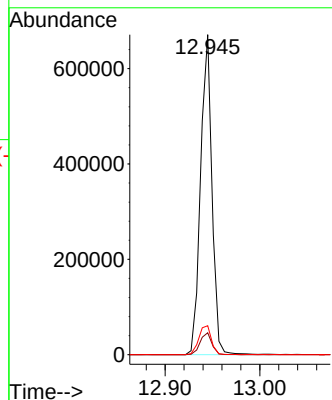
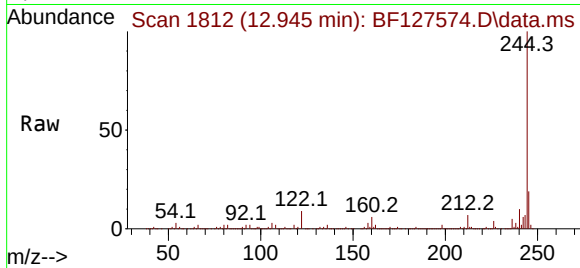




#79
 Terphenyl-d14
 Concen: 51.287 ng
 RT: 12.945 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127574.D
 Acq: 29 Mar 2022 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:244 Resp: 564845
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF127574.D
 Acq: 29 Mar 2022 19:21

Tgt Ion:264 Resp: 193195
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.7 17.4 26.2

