

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128529.D
 Acq On : 28 May 2022 01:01
 Operator : CG\JU
 Sample : N2930-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P006-SS002-1824-01

Quant Time: May 28 03:14:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

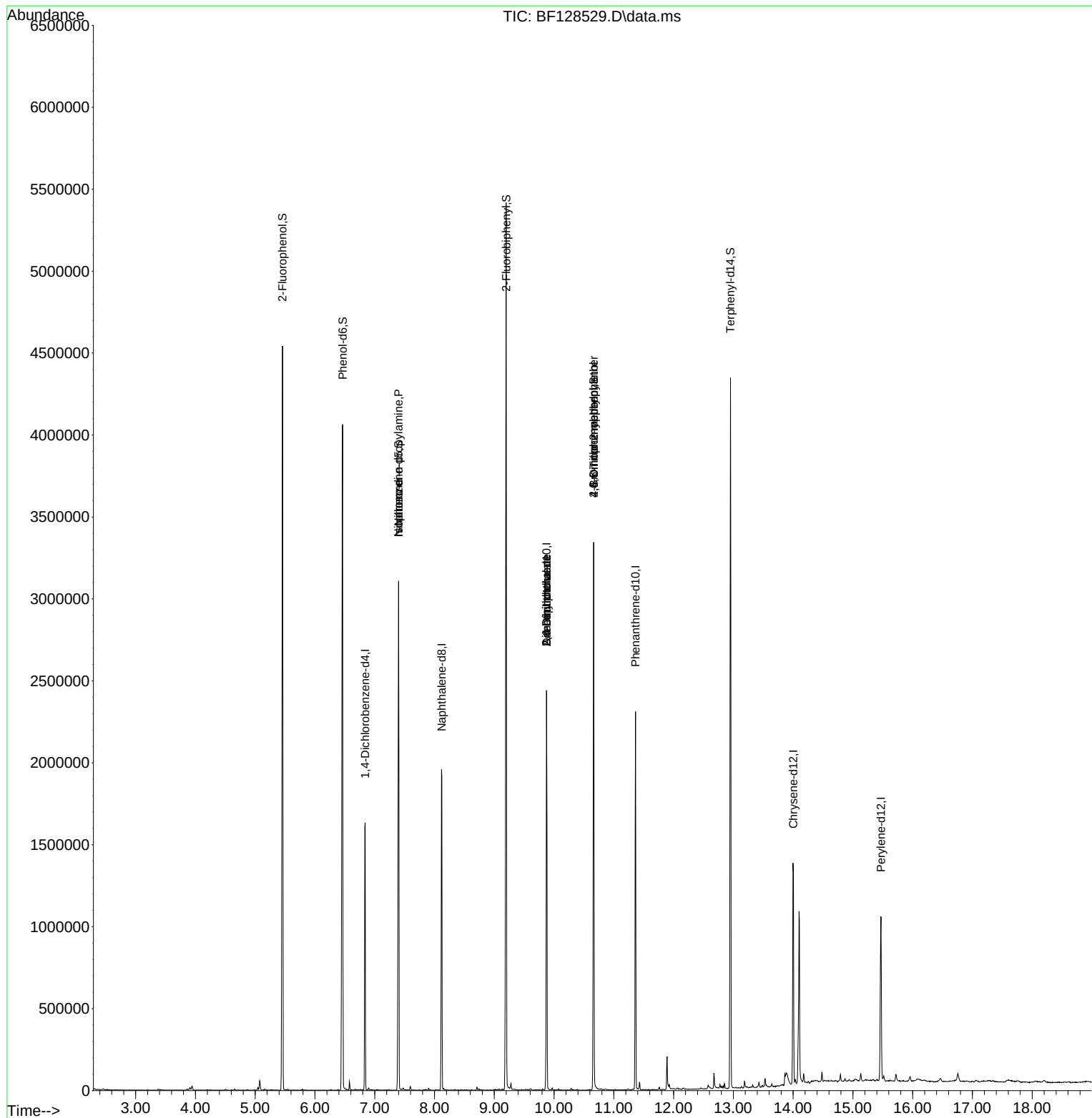
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	242607	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	912380	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	476493	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	794132	20.000	ng	0.00
76) Chrysene-d12	14.004	240	481497	20.000	ng	0.00
86) Perylene-d12	15.469	264	455253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1220876	83.356	ng	0.00
7) Phenol-d6	6.463	99	1553706	83.198	ng	0.00
23) Nitrobenzene-d5	7.399	82	1024370	64.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	375511	82.795	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1728626	58.939	ng	0.00
79) Terphenyl-d14	12.951	244	1446146	58.025	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	500	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	7.399	70	136217	11.896	ng	# 80
25) Isophorone	7.399	82	1016523	34.841	ng	# 65
50) Dimethylphthalate	9.875	163	84864	2.746	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	60879	10.747	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	60880	8.983	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1029	5.750	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	23895	2.912	ng	# 1

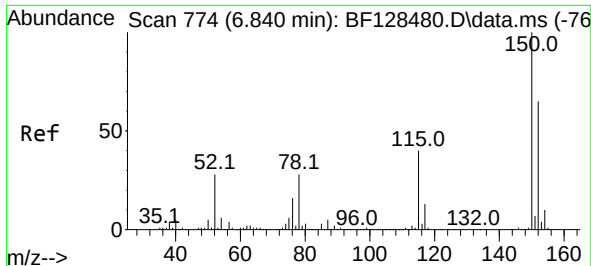
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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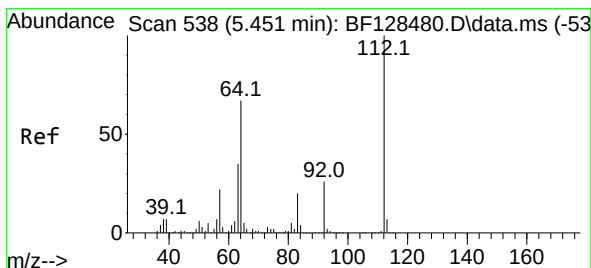
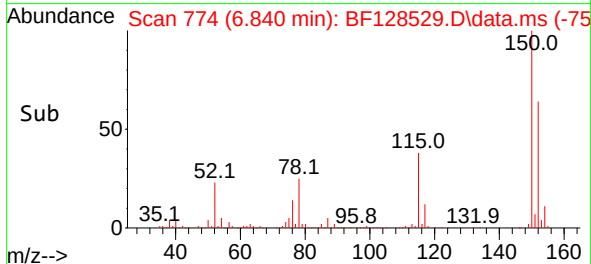
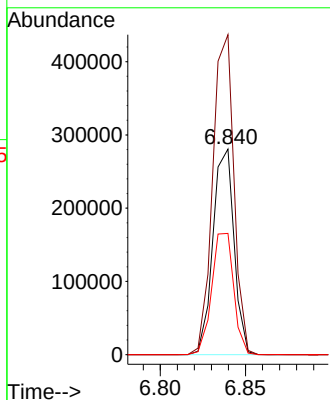
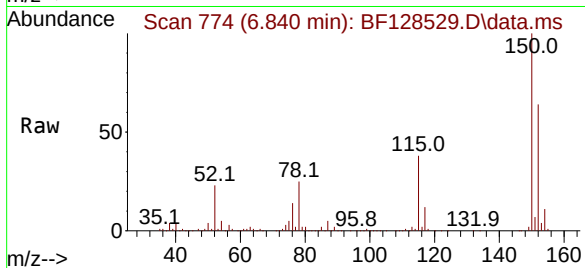




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

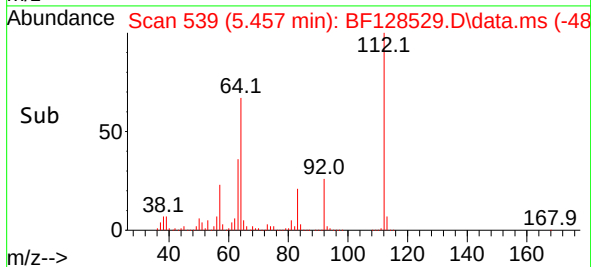
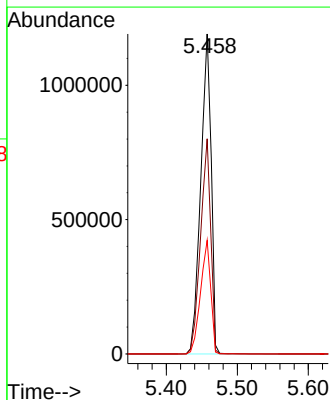
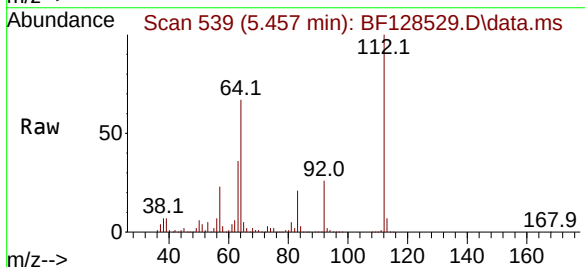
Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

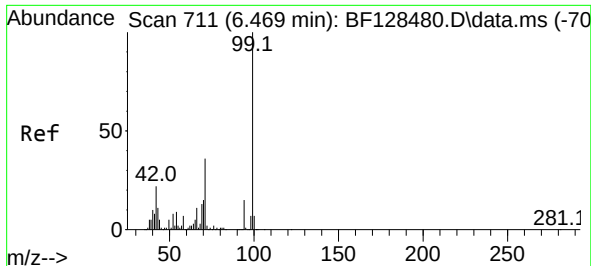
Tgt Ion:152 Resp: 242607
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 83.356 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion:112 Resp: 1220876
Ion Ratio Lower Upper
112 100
64 67.2 53.3 79.9
63 35.5 28.0 42.0

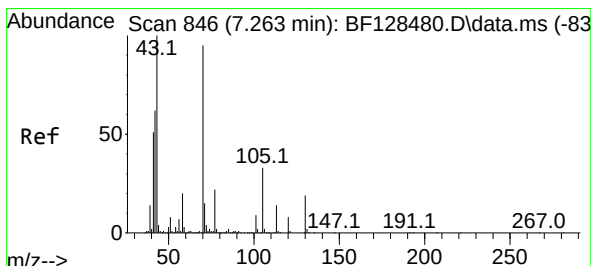
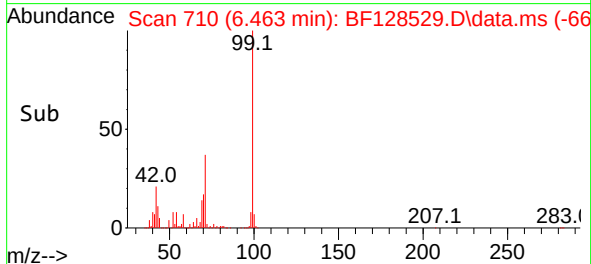
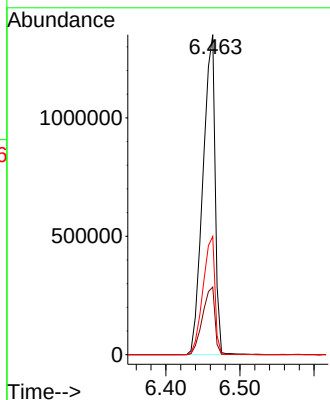
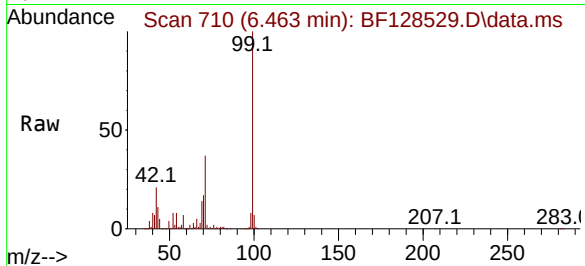




#7
Phenol-d6
Concen: 83.198 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

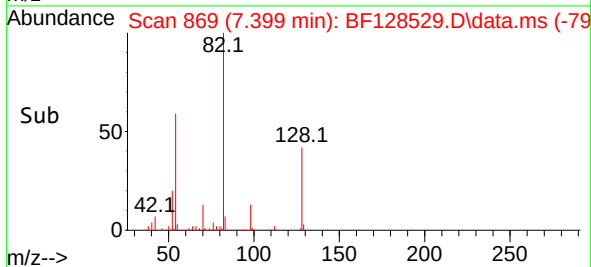
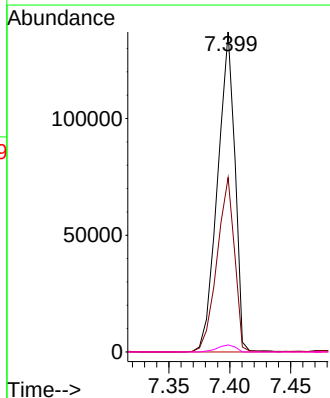
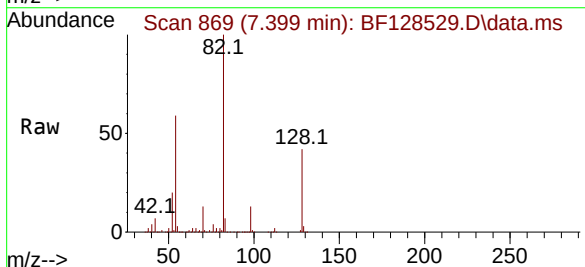
Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

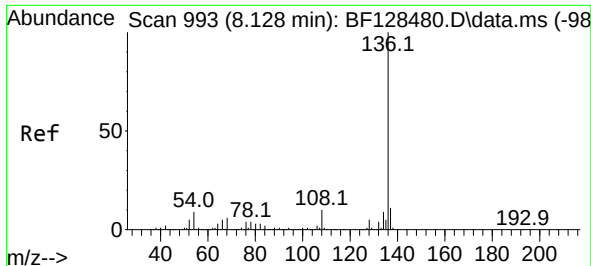
Tgt Ion: 99 Resp: 1553706
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 36.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.896 ng
RT: 7.399 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion: 70 Resp: 136217
Ion Ratio Lower Upper
70 100
42 54.5 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



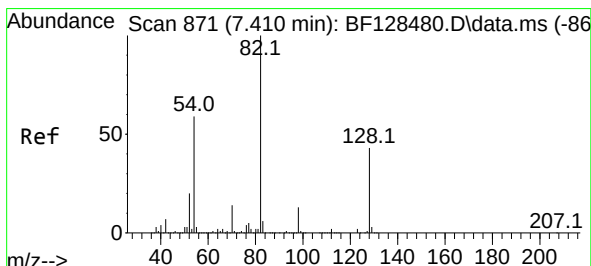
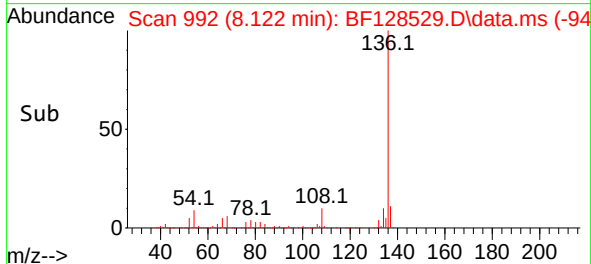
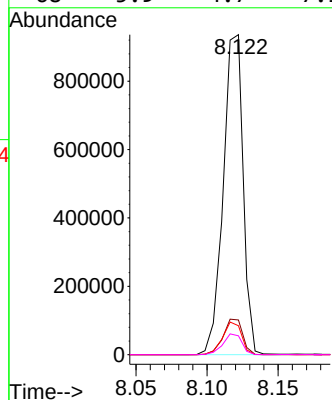
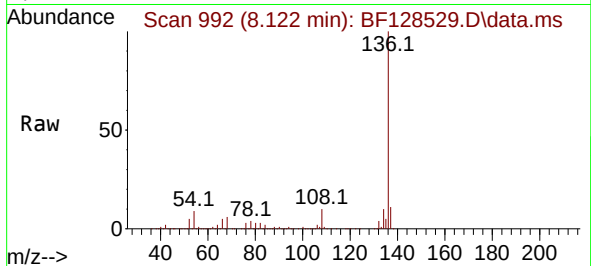


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

Tgt Ion:136 Resp: 912380

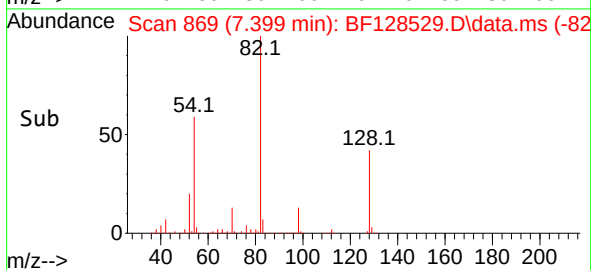
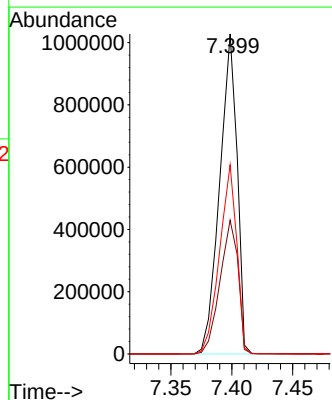
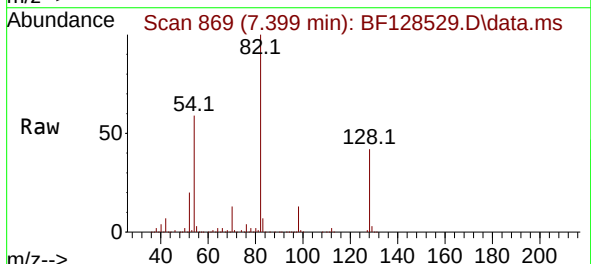
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.0	7.5	11.3
68	5.9	4.7	7.1

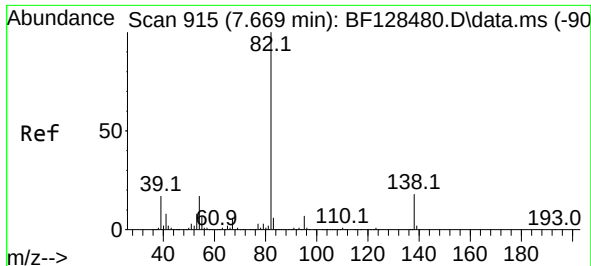


#23
Nitrobenzene-d5
Concen: 64.769 ng
RT: 7.399 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion: 82 Resp: 1024370

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.0	51.0
54	59.1	46.9	70.3

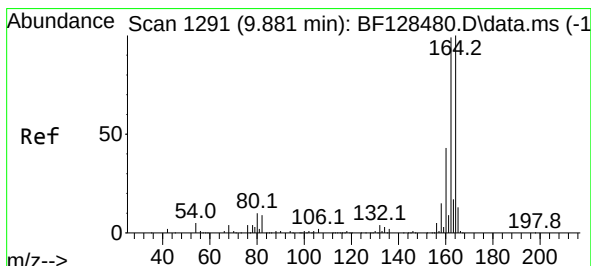
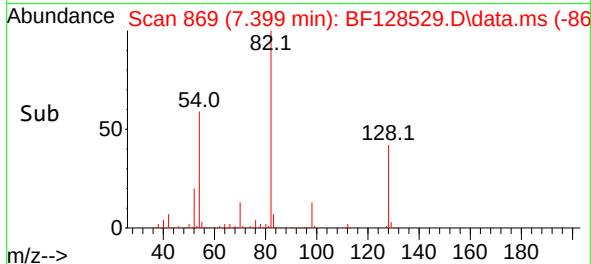
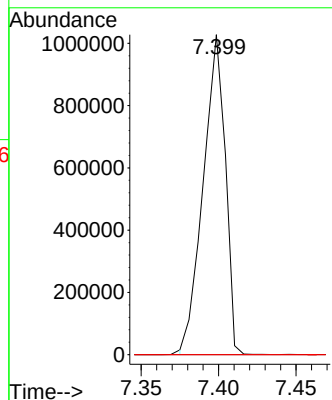
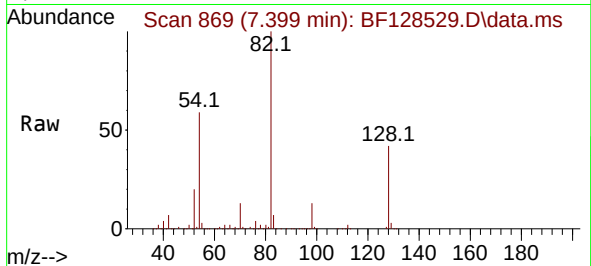




#25
Isophorone
Concen: 34.841 ng
RT: 7.399 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

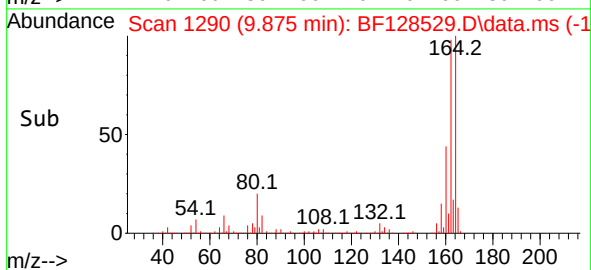
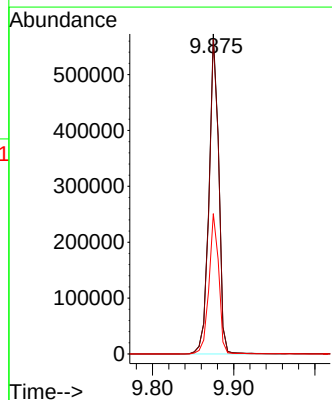
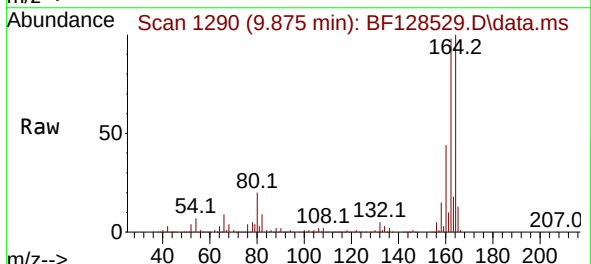
Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

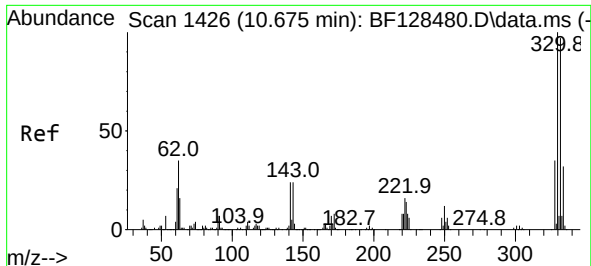
Tgt Ion: 82 Resp: 1016523
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion:164 Resp: 476493
Ion Ratio Lower Upper
164 100
162 98.4 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.795 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128529.D

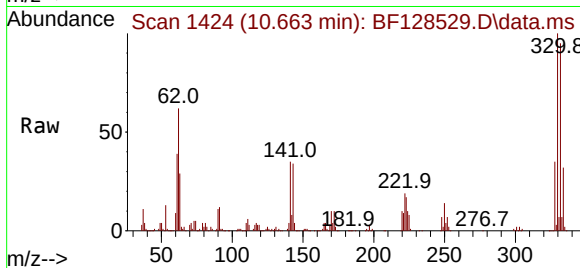
Acq: 28 May 2022 01:01

Instrument :

BNA_F

ClientSampleId :

P006-SS002-1824-01



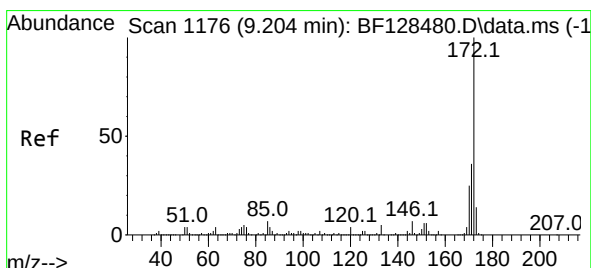
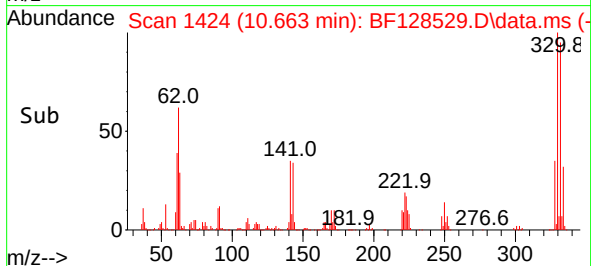
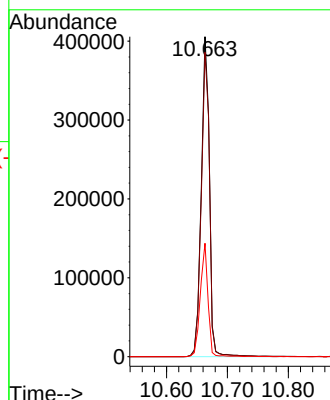
Tgt Ion:330 Resp: 375511

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.939 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128529.D

Acq: 28 May 2022 01:01

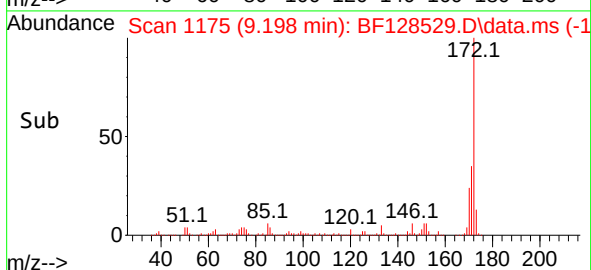
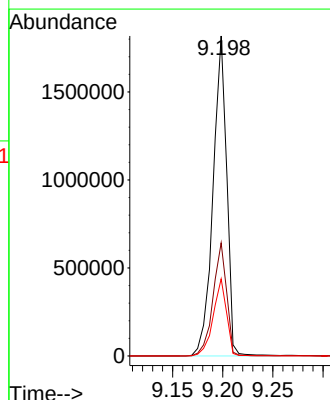
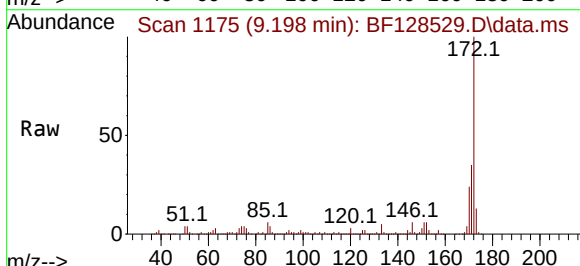
Tgt Ion:172 Resp: 1728626

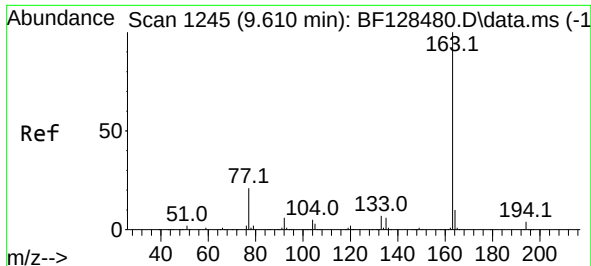
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.8 29.8

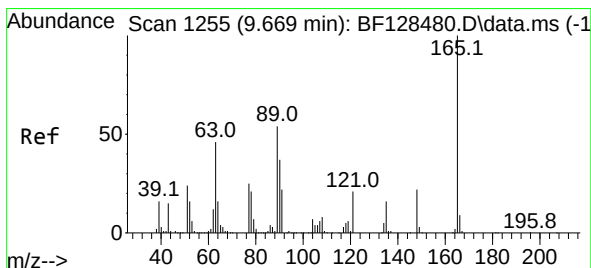
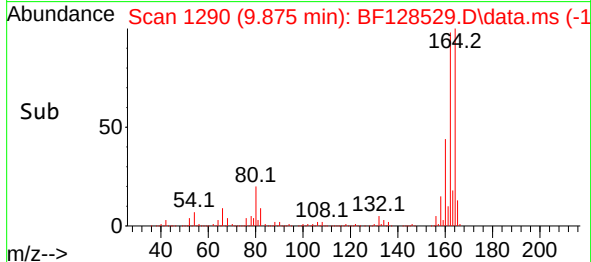
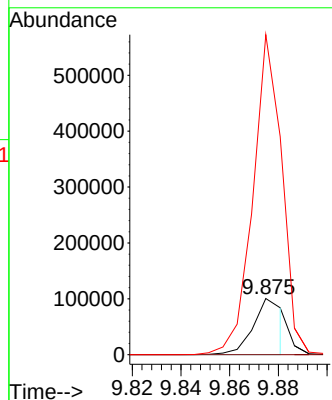
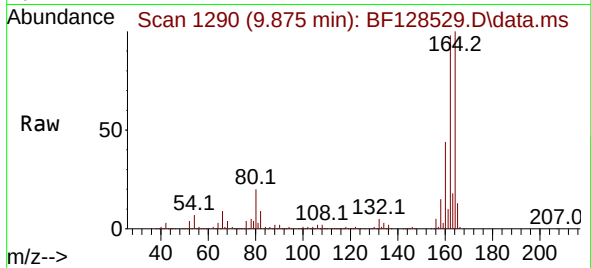




#50
Dimethylphthalate
Concen: 2.746 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

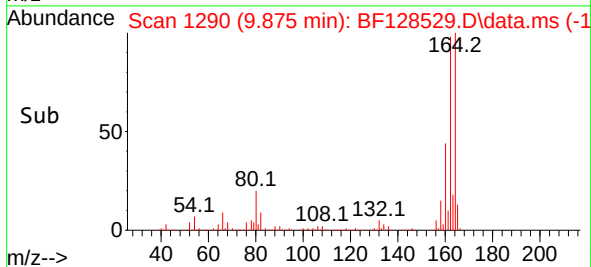
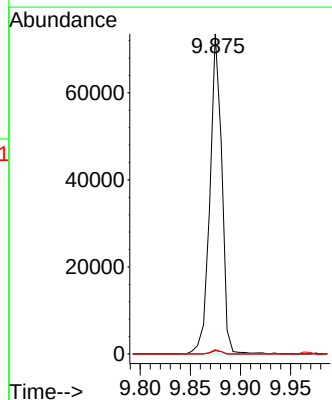
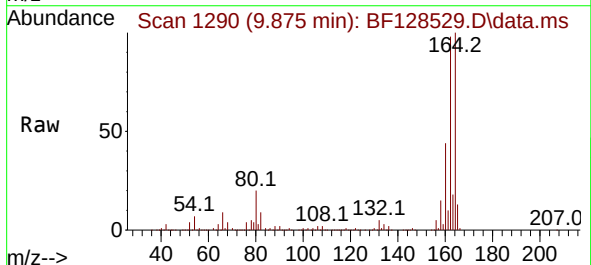
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P006-SS002-1824-01

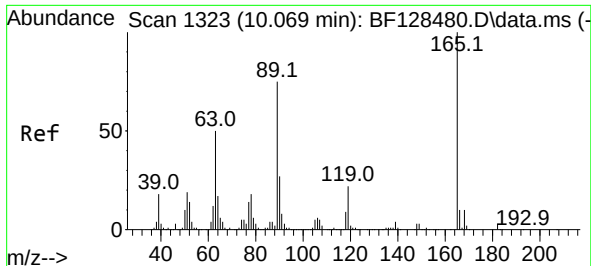
Tgt Ion:163 Resp: 84864
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 570.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.747 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion:165 Resp: 60879
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#

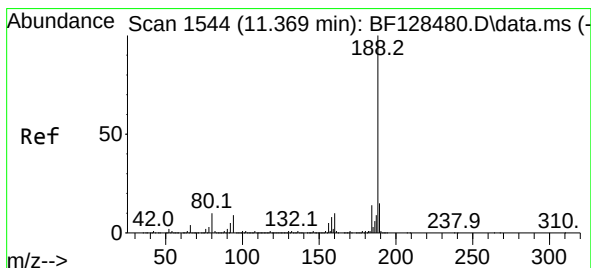
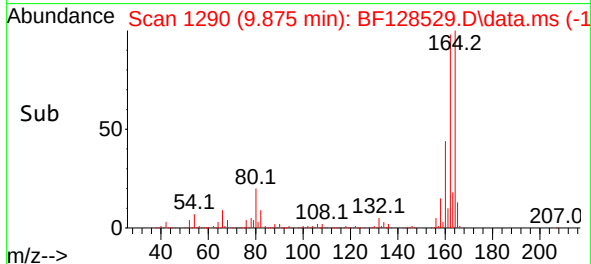
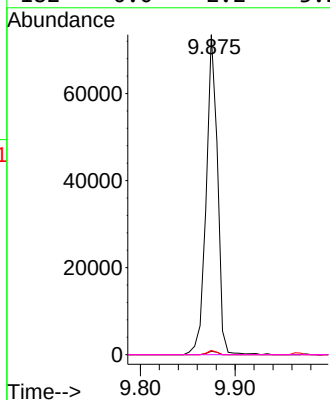
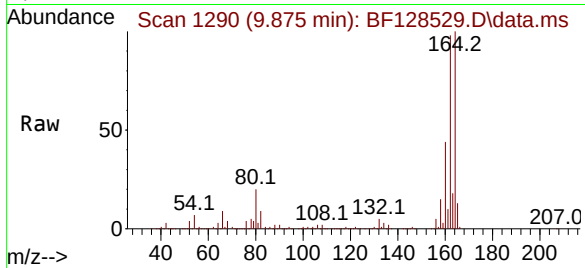




#57
2,4-Dinitrotoluene
Concen: 8.983 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

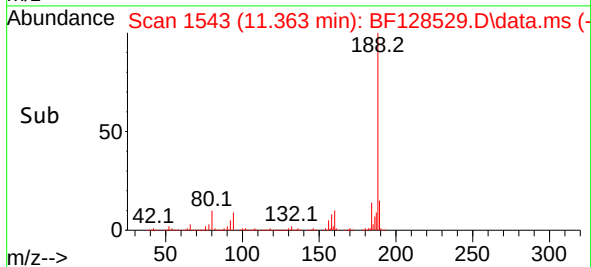
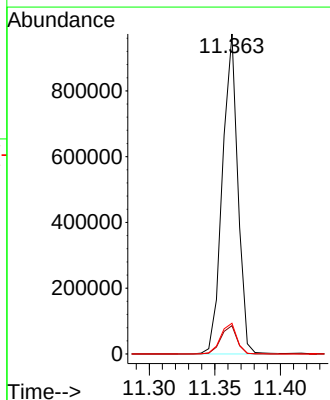
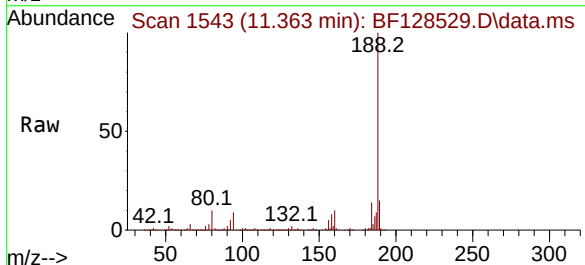
Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

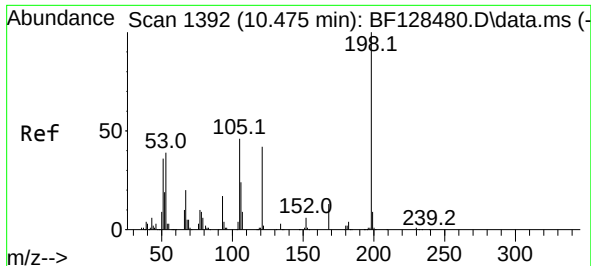
Tgt Ion:165 Resp: 60880
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

Tgt Ion:188 Resp: 794132
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.6 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.750 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128529.D

Acq: 28 May 2022 01:01

Instrument :

BNA_F

ClientSampleId :

P006-SS002-1824-01

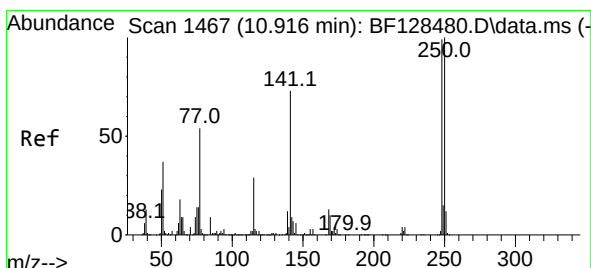
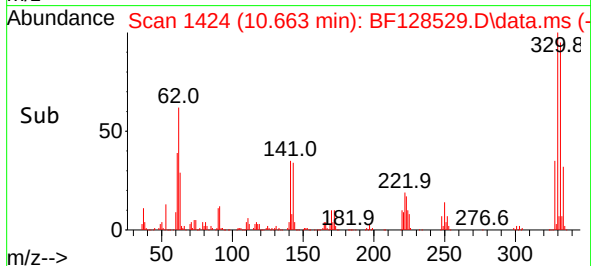
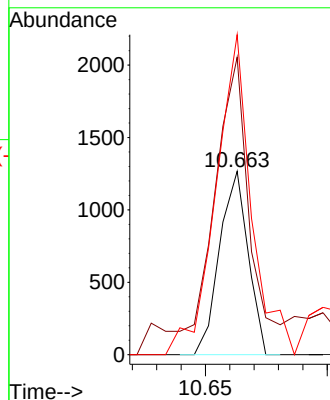
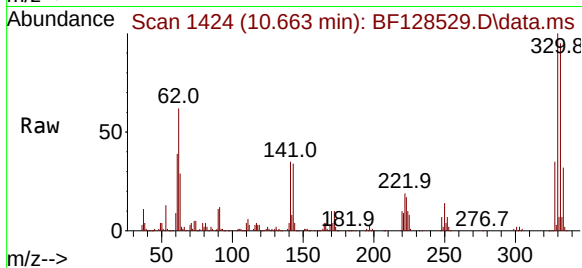
Tgt Ion:198 Resp: 1029

Ion Ratio Lower Upper

198 100

51 162.2 37.6 77.6#

105 174.6 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 2.912 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128529.D

Acq: 28 May 2022 01:01

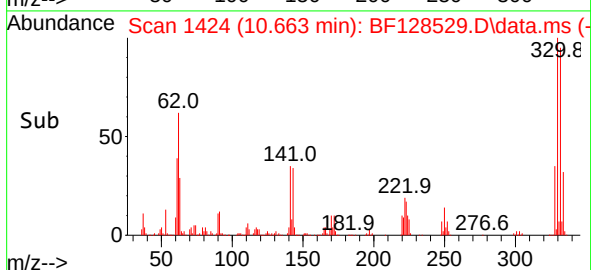
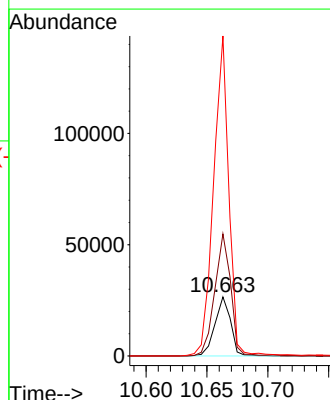
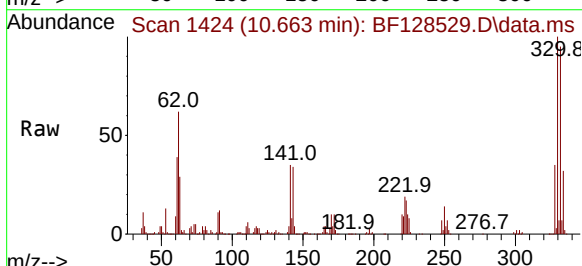
Tgt Ion:248 Resp: 23895

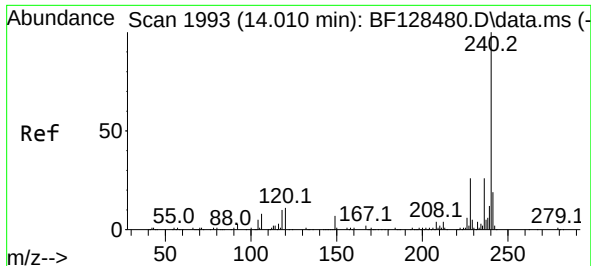
Ion Ratio Lower Upper

248 100

250 206.8 80.6 120.8#

141 541.8 58.9 88.3#

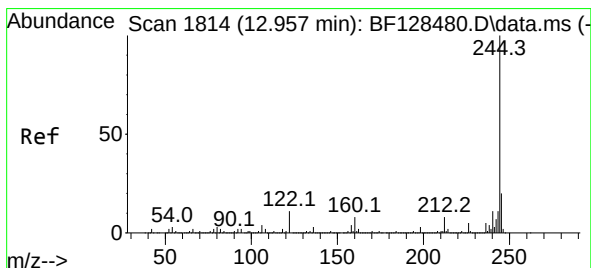
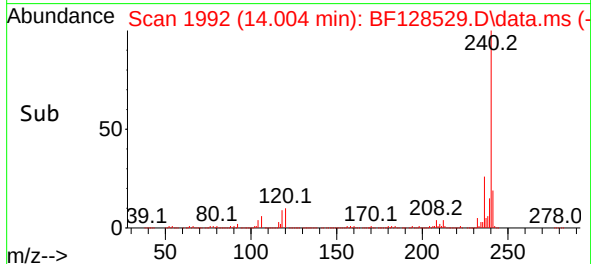
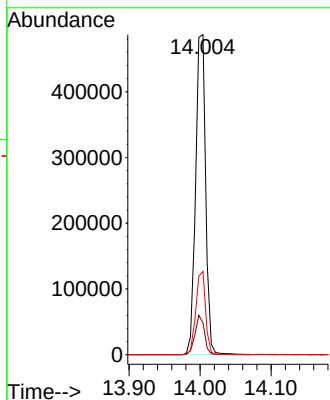
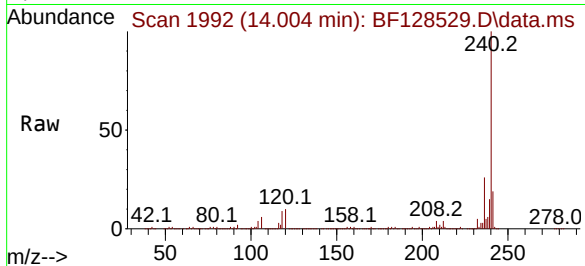




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

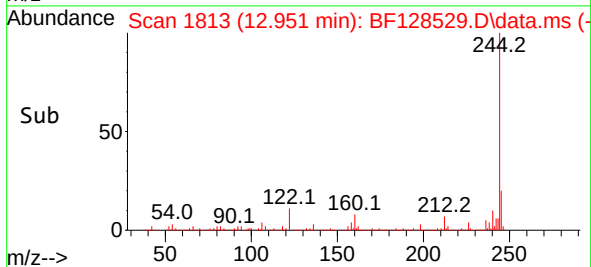
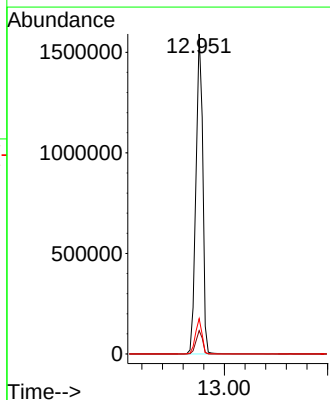
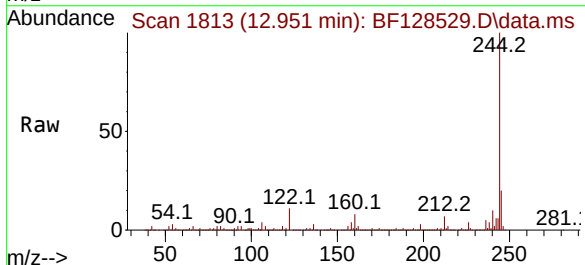
Instrument :
BNA_F
ClientSampleId :
P006-SS002-1824-01

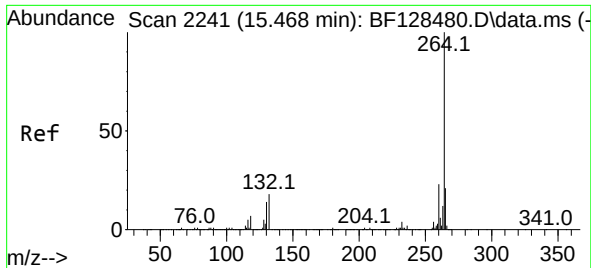
Tgt Ion:240 Resp: 481497
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 58.025 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128529.D
Acq: 28 May 2022 01:01

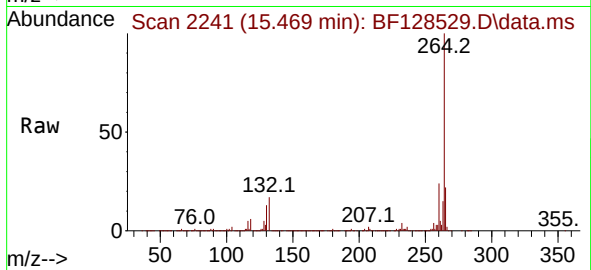
Tgt Ion:244 Resp: 1446146
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128529.D
 Acq: 28 May 2022 01:01

Instrument :
 BNA_F
 ClientSampleId :
 P006-SS002-1824-01



Tgt Ion:264 Resp: 455253
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.7 17.2 25.8

