

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128494.D
 Acq On : 27 May 2022 01:52
 Operator : CG\JU
 Sample : PB145118BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145118BL

Quant Time: May 27 04:26:08 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)

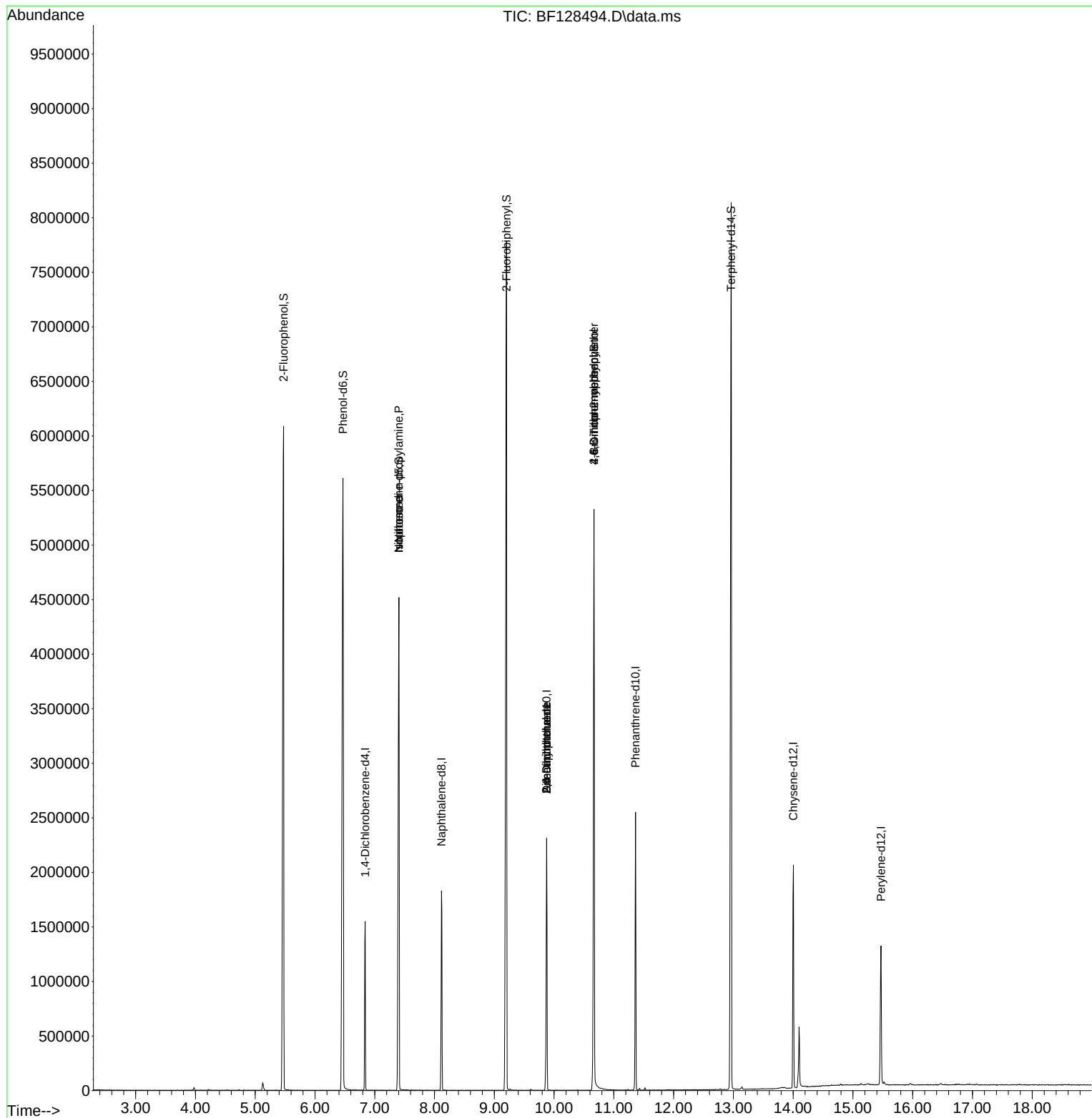
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	217845	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	880868	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	496777	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	918709	20.000	ng	0.00
76) Chrysene-d12	14.004	240	712571	20.000	ng	0.00
86) Perylene-d12	15.468	264	565147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2126521	161.692	ng	0.02
7) Phenol-d6	6.469	99	2739867	163.391	ng	0.00
23) Nitrobenzene-d5	7.404	82	1849217	121.105	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	778533	164.648	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	3249399	106.267	ng	0.00
79) Terphenyl-d14	12.963	244	3598873	97.575	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.469	77	4723	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	255325	24.833	ng	# 79
25) Isophorone	7.404	82	1846739	65.561	ng	# 65
50) Dimethylphthalate	9.875	163	87939	2.729	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	65154	11.032	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	65154	9.221	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1858	5.889	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	50568	5.327	ng	# 1

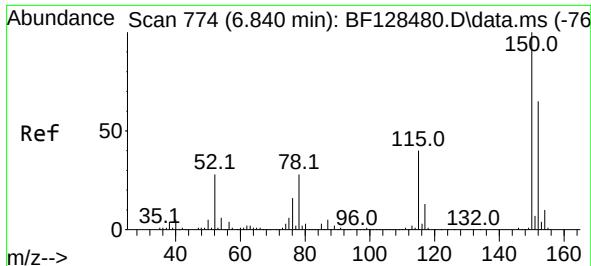
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128494.D
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Operator : CG\JU
Sample : PB145118BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB145118BL

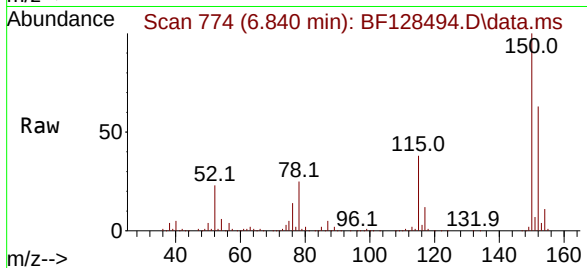
Quant Time: May 27 04:26:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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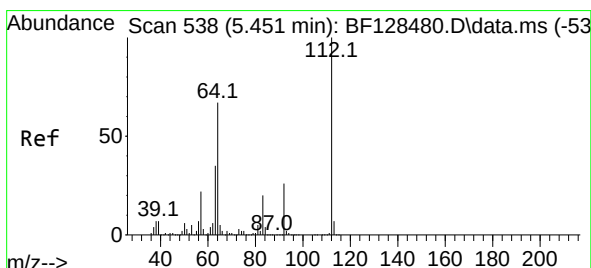
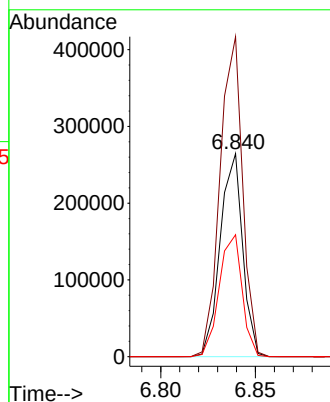
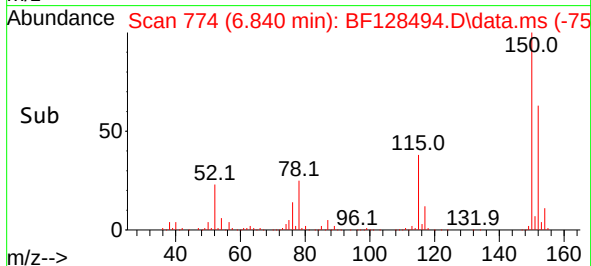


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Instrument :
BNA_F
ClientSampleId :
PB145118BL

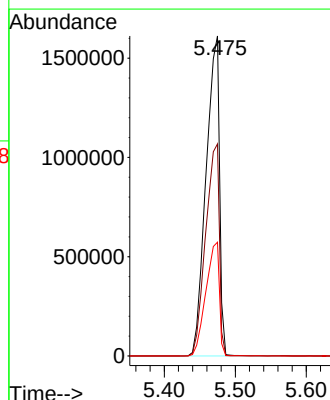
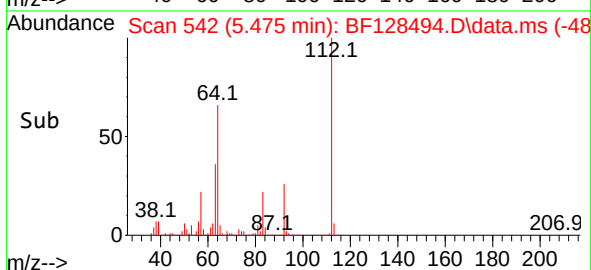
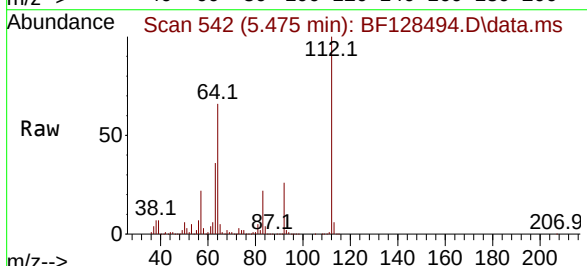


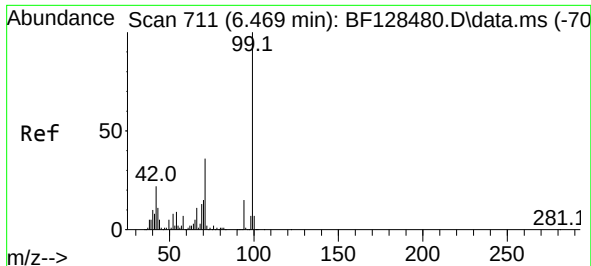
Tgt Ion:152 Resp: 217845
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 161.692 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.024 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:112 Resp: 2126521
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 35.5 28.0 42.0

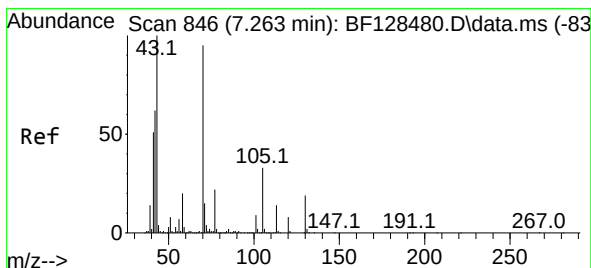
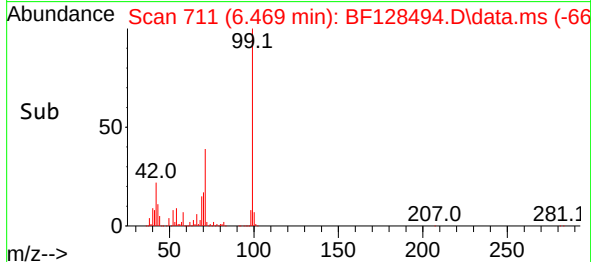
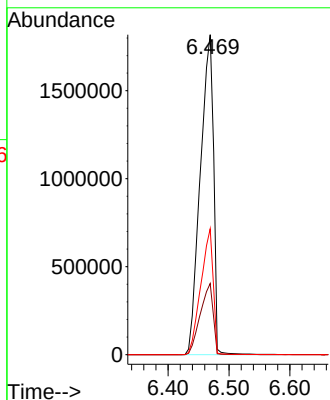
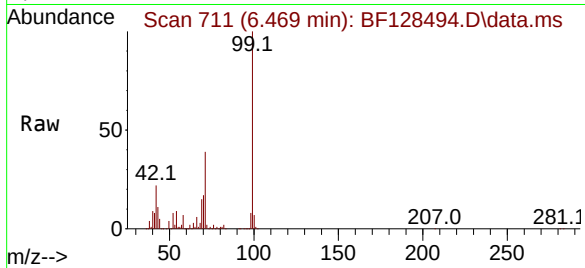




#7
Phenol-d6
Concen: 163.391 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

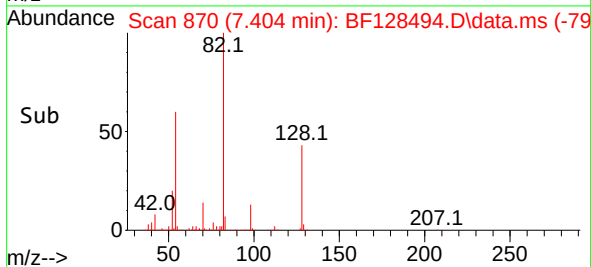
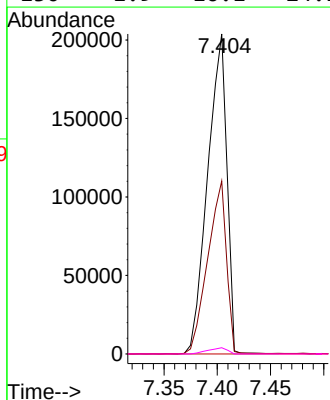
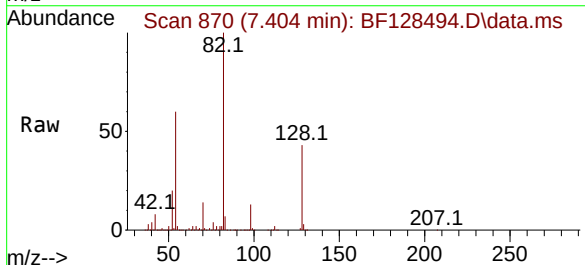
Instrument :
BNA_F
ClientSampleId :
PB145118BL

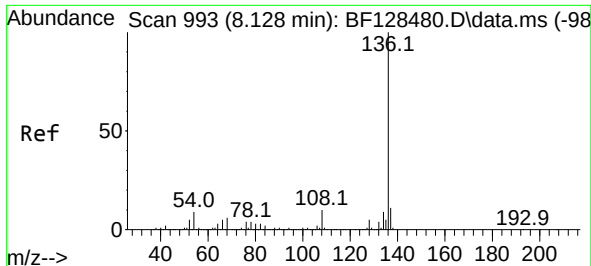
Tgt Ion: 99 Resp: 2739867
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 39.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.833 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion: 70 Resp: 255325
Ion Ratio Lower Upper
70 100
42 54.0 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

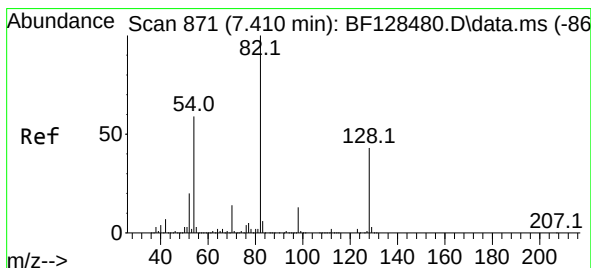
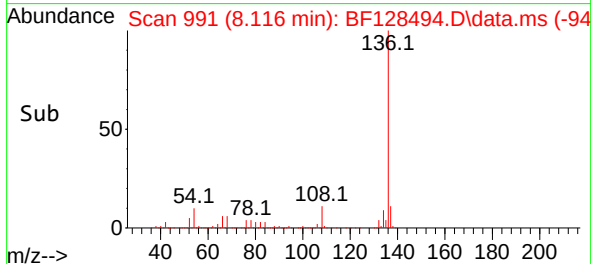
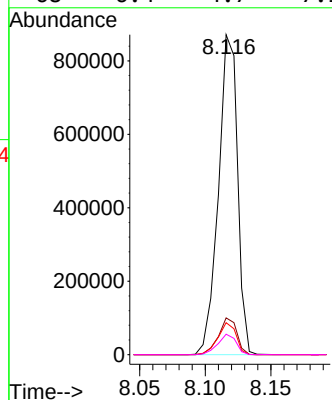
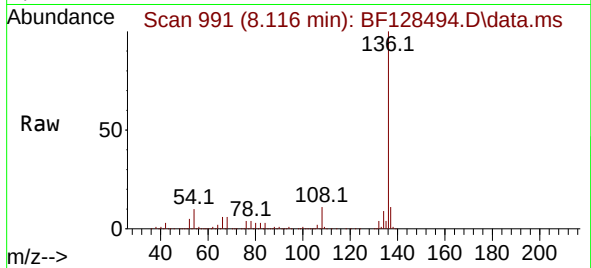




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

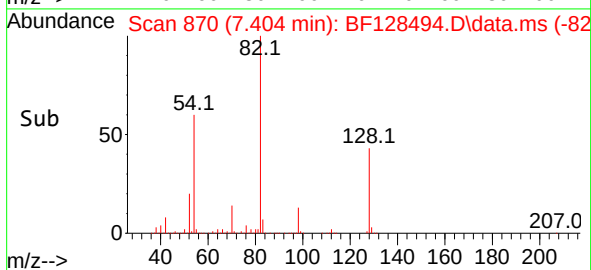
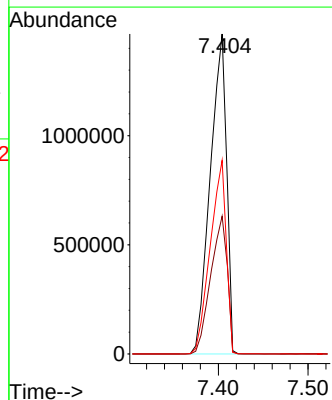
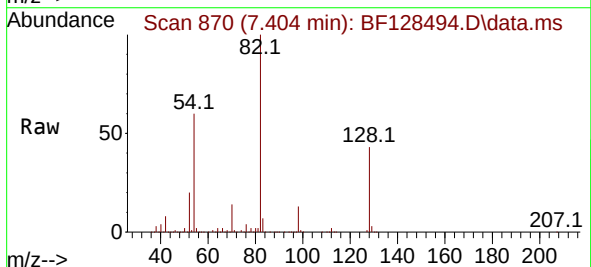
Instrument :
BNA_F
ClientSampleId :
PB145118BL

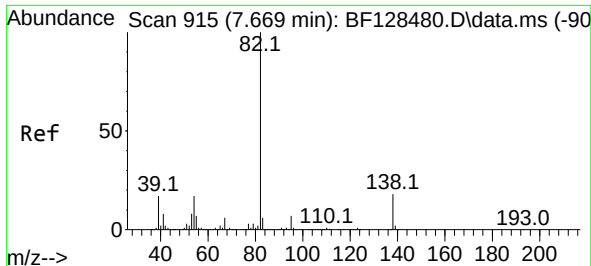
Tgt Ion:136 Resp: 880868
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.0 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 121.105 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion: 82 Resp: 1849217
Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 60.5 46.9 70.3

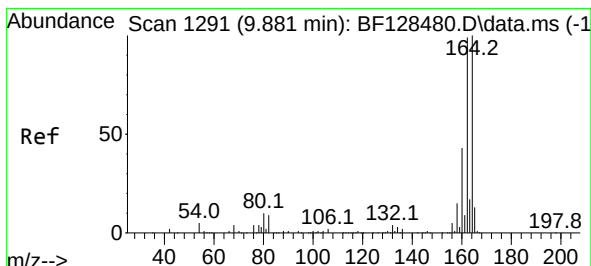
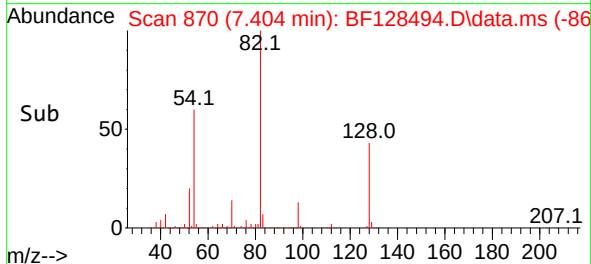
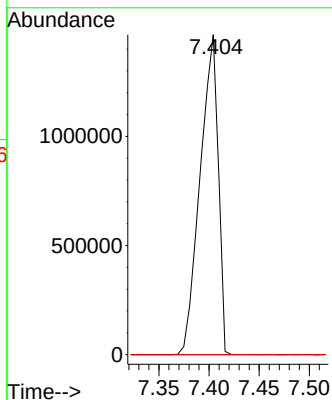
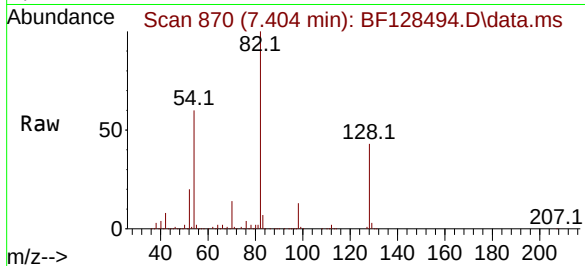




#25
Isophorone
Concen: 65.561 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

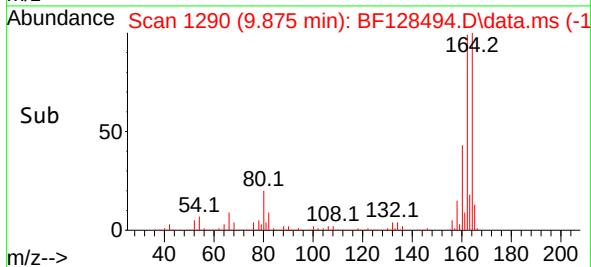
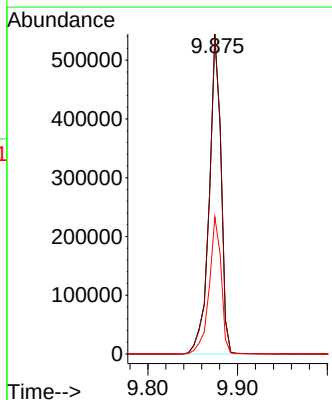
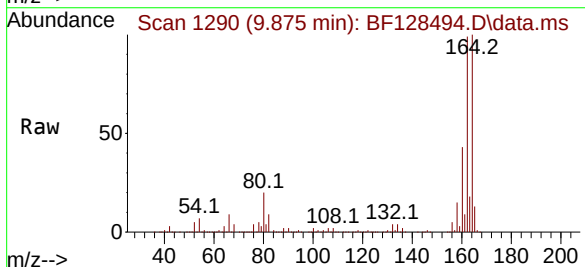
Instrument :
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ClientSampleId :
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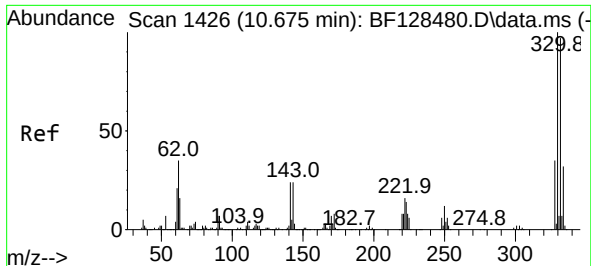
Tgt Ion: 82 Resp: 1846739
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:164 Resp: 496777
Ion Ratio Lower Upper
164 100
162 98.7 79.5 119.3
160 42.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 164.648 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128494.D

Acq: 27 May 2022 01:52

Instrument :

BNA_F

ClientSampleId :

PB145118BL

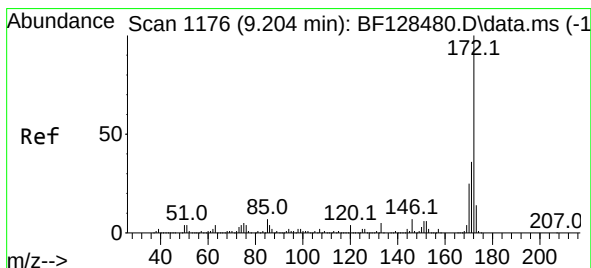
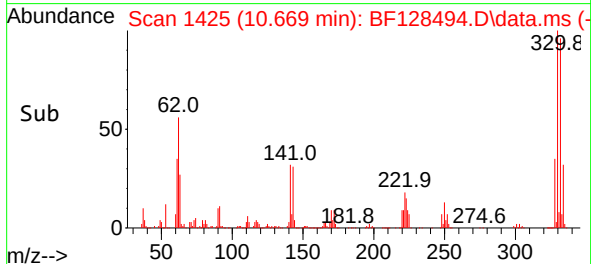
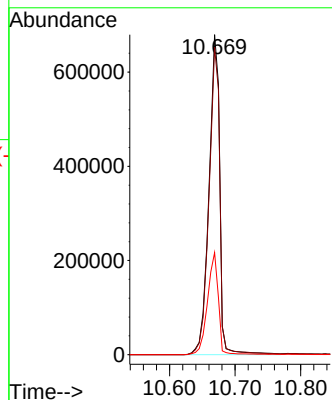
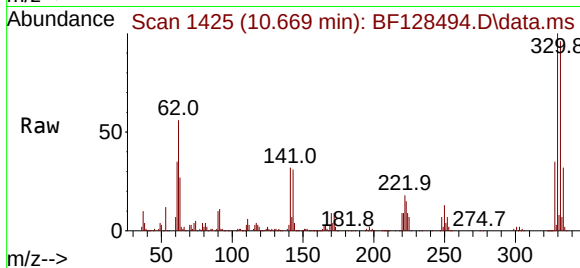
Tgt Ion:330 Resp: 778533

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 32.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 106.267 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128494.D

Acq: 27 May 2022 01:52

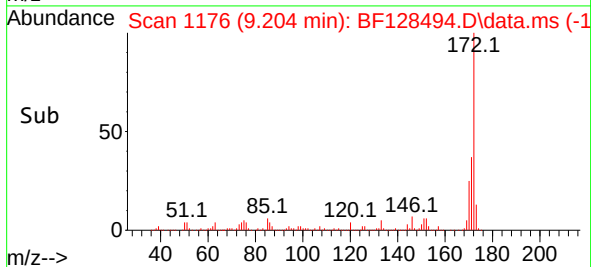
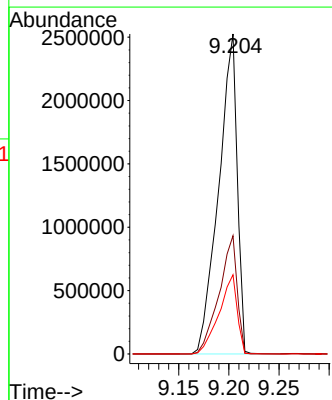
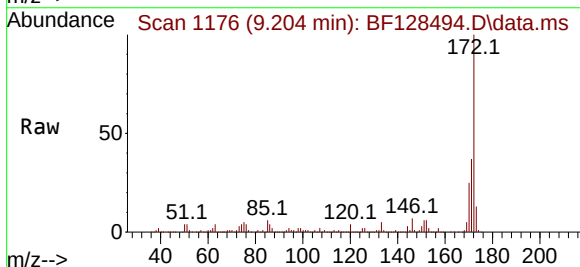
Tgt Ion:172 Resp: 3249399

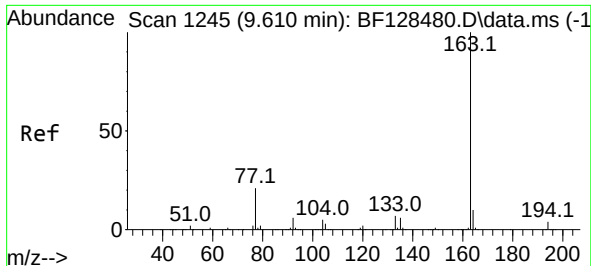
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.7 19.8 29.8

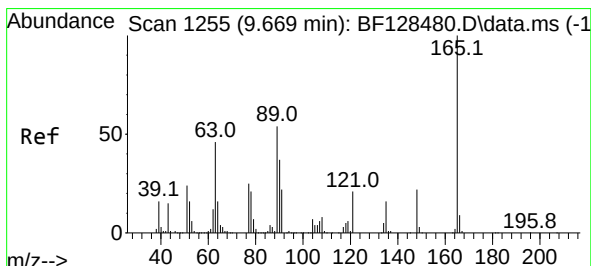
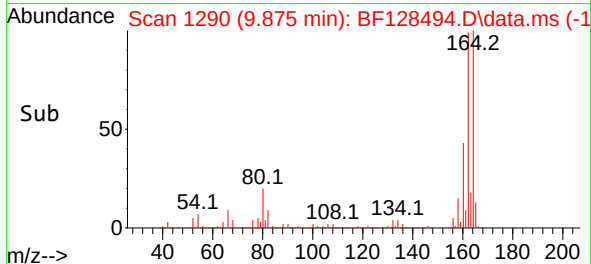
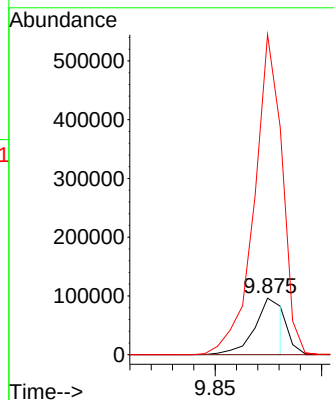
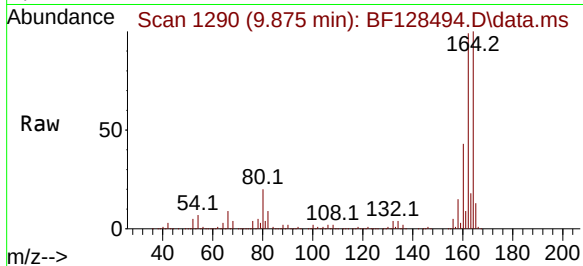




#50
Dimethylphthalate
Concen: 2.729 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

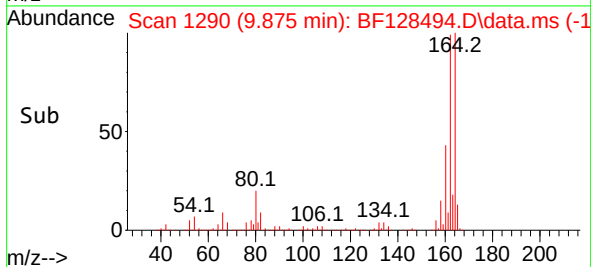
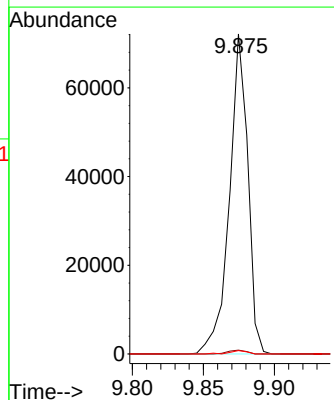
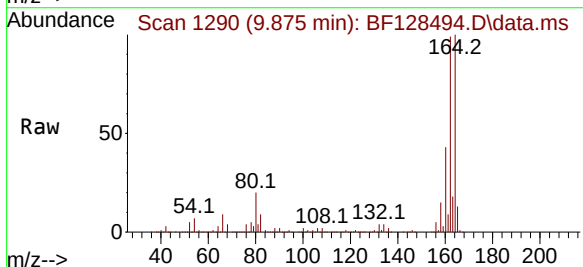
Instrument :
BNA_F
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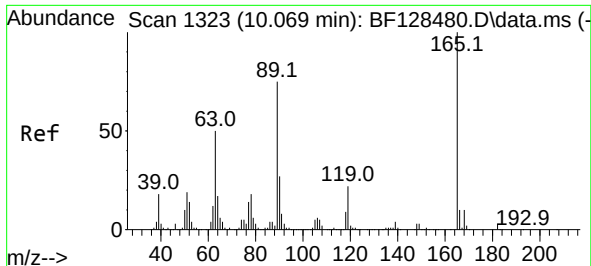
Tgt Ion:163 Resp: 87939
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 566.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.032 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:165 Resp: 65154
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#

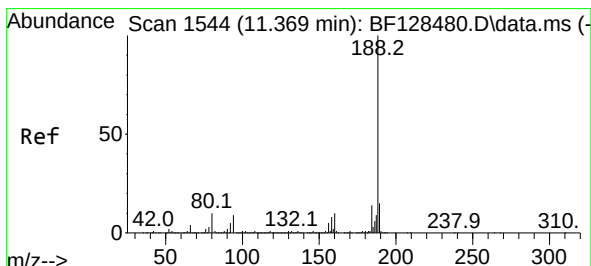
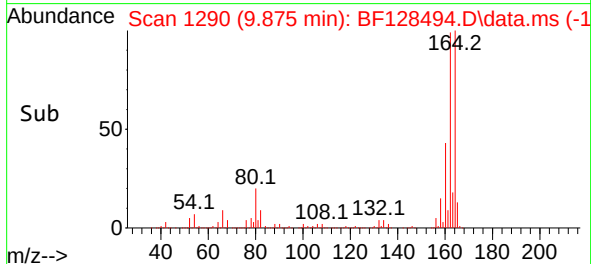
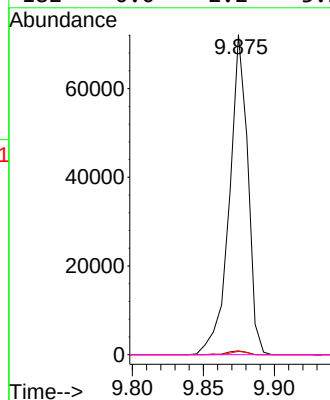
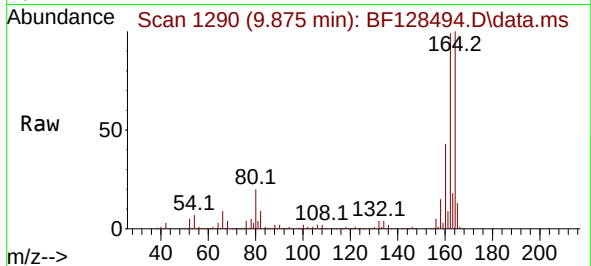




#57
2,4-Dinitrotoluene
Concen: 9.221 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

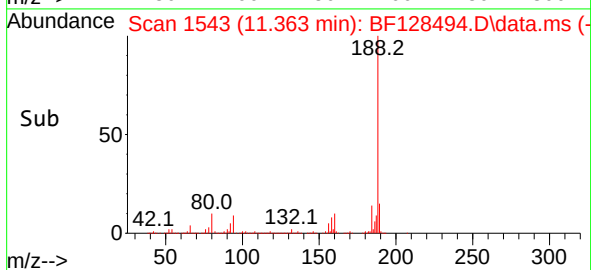
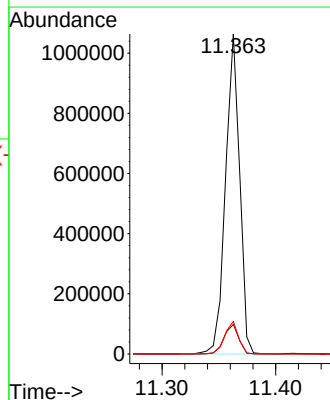
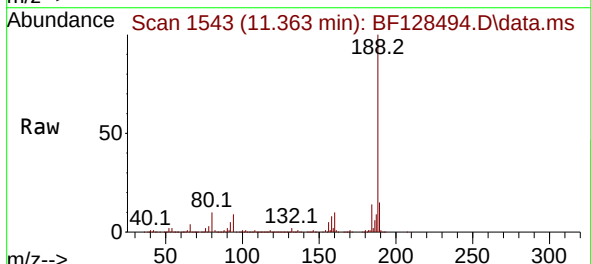
Instrument :
BNA_F
ClientSampleId :
PB145118BL

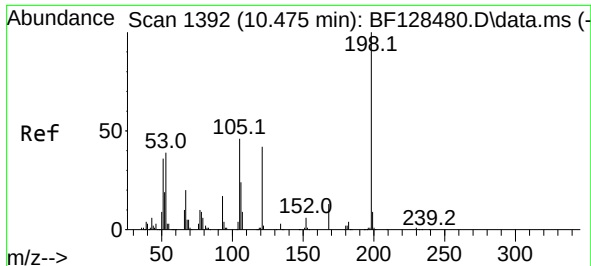
Tgt Ion:165 Resp: 65154
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:188 Resp: 918709
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.2 7.6 11.4

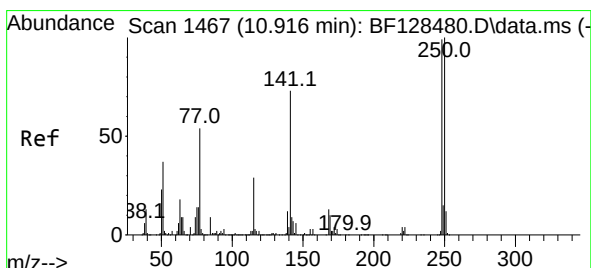
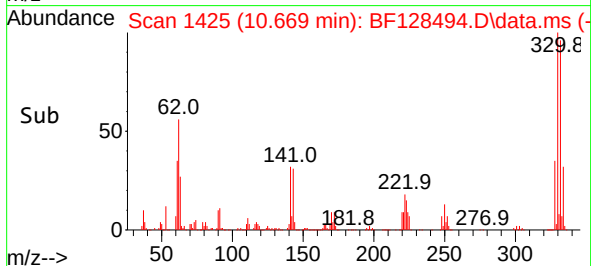
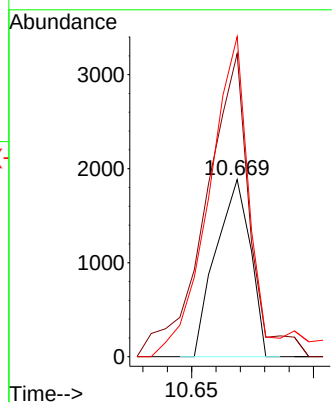
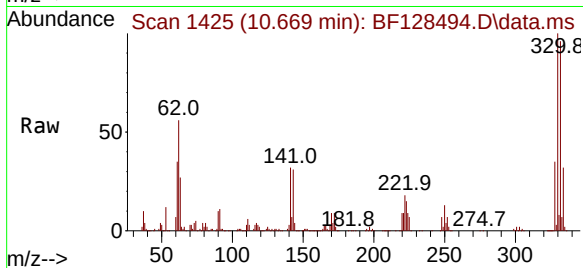




#65
4,6-Dinitro-2-methylphenol
Concen: 5.889 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

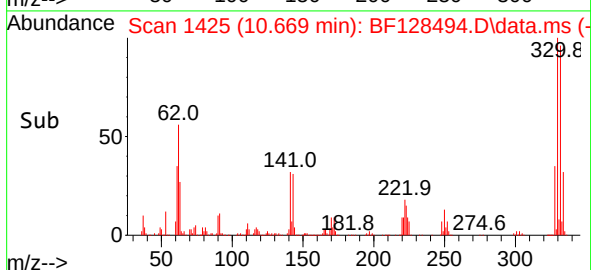
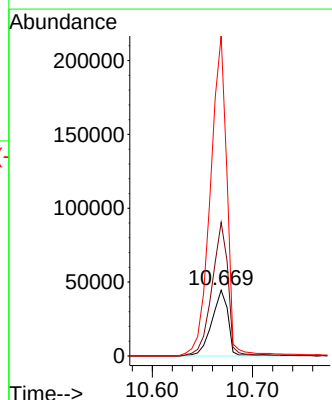
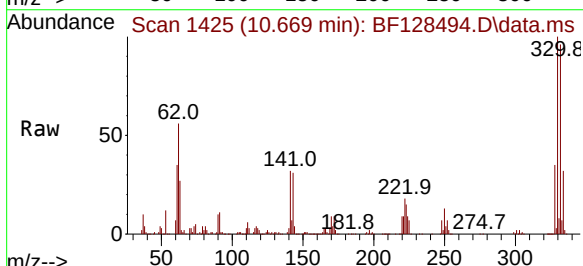
Instrument :
BNA_F
ClientSampleId :
PB145118BL

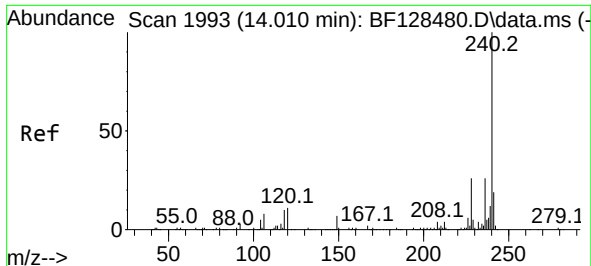
Tgt Ion:198 Resp: 1858
Ion Ratio Lower Upper
198 100
51 171.0 37.6 77.6#
105 180.6 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 5.327 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:248 Resp: 50568
Ion Ratio Lower Upper
248 100
250 202.9 80.6 120.8#
141 486.1 58.9 88.3#

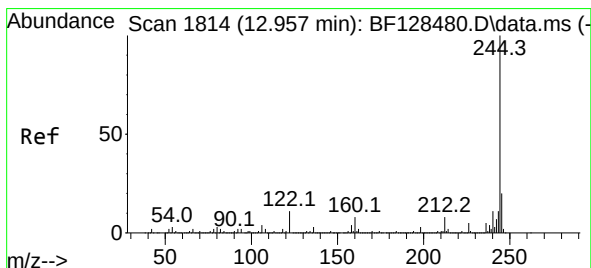
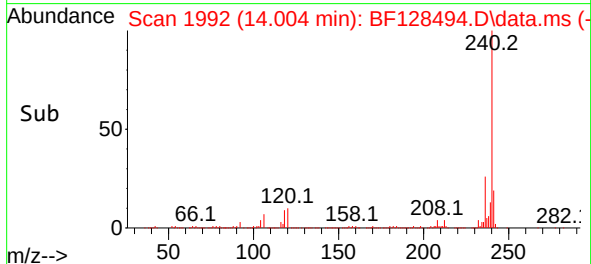
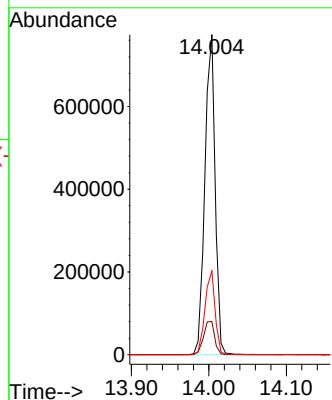
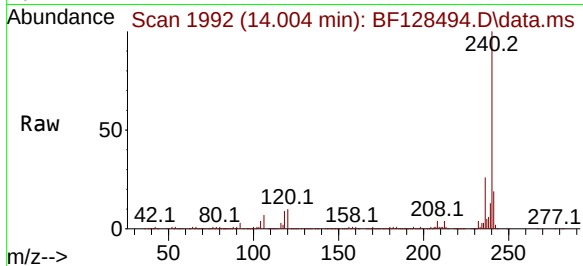




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

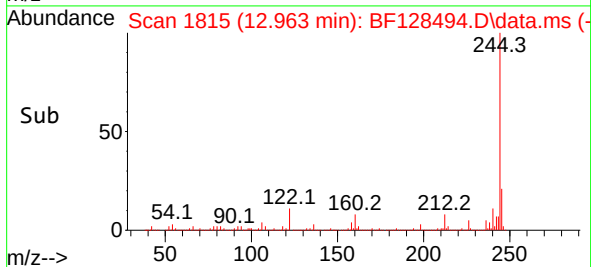
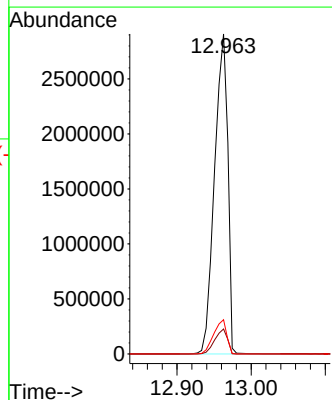
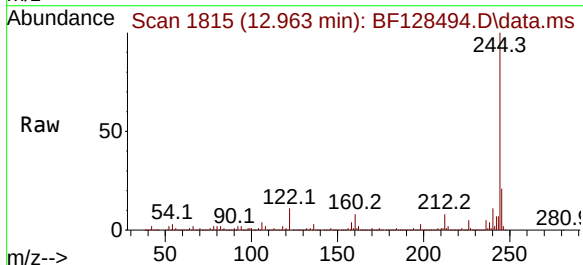
Instrument :
BNA_F
ClientSampleId :
PB145118BL

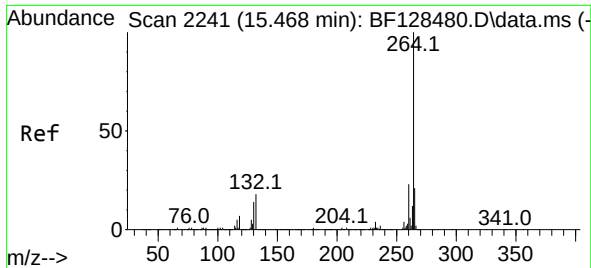
Tgt Ion:240 Resp: 712571
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 97.575 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF128494.D
Acq: 27 May 2022 01:52

Tgt Ion:244 Resp: 3598873
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 10.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128494.D

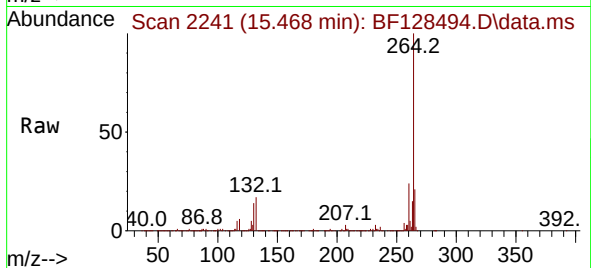
Acq: 27 May 2022 01:52

Instrument :

BNA_F

ClientSampleId :

PB145118BL



Tgt Ion:264 Resp: 565147

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.0 17.2 25.8

