

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060122\
 Data File : BF128632.D
 Acq On : 01 Jun 2022 19:53
 Operator : CG\JU
 Sample : N2984-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0006-01

Quant Time: Jun 02 09:37:34 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)

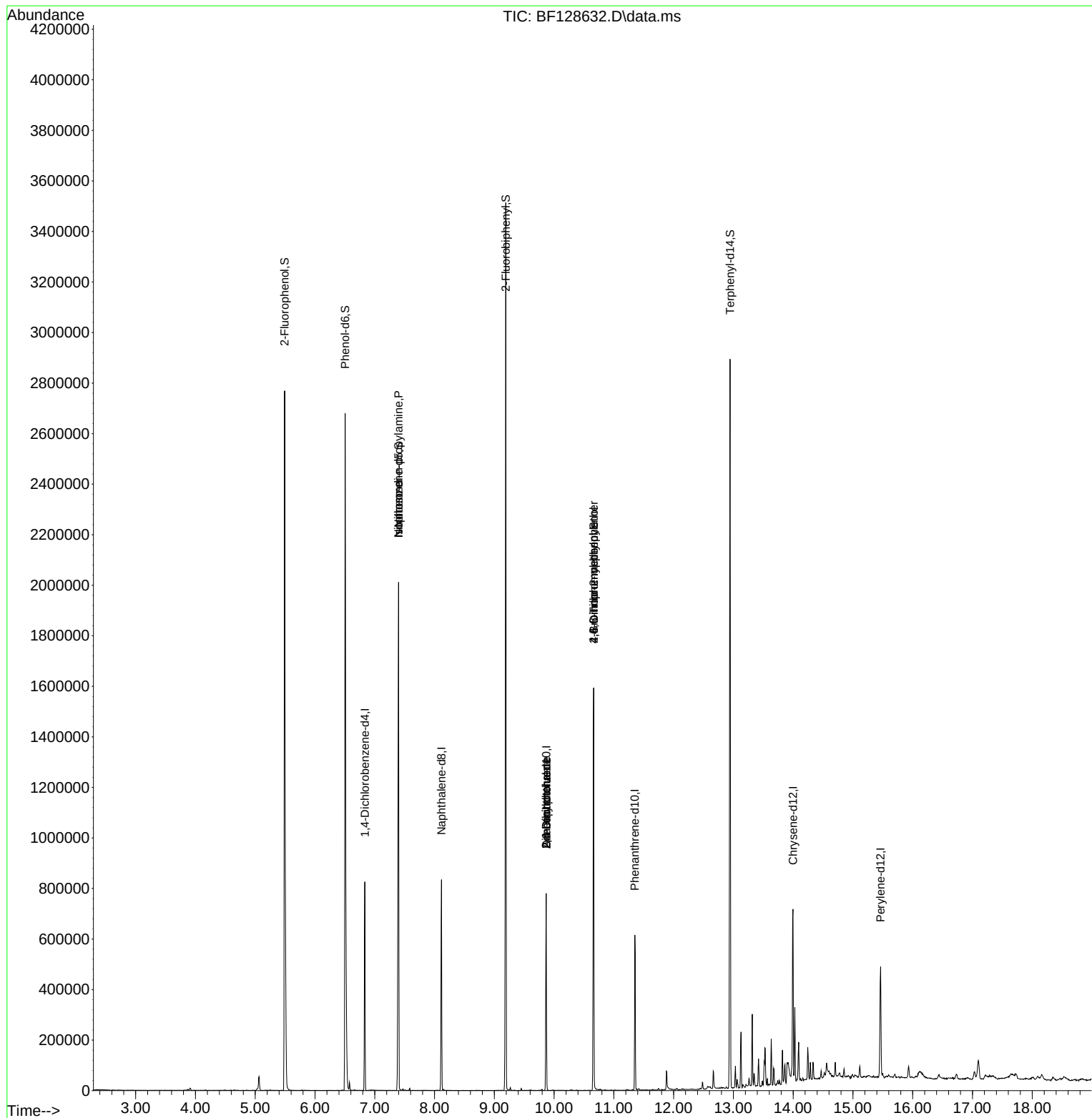
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100480	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	326962	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	140711	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	221697	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	235458	20.000	ng	#-0.01
86) Perylene-d12	15.463	264	192327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	704176	116.083	ng	0.04
7) Phenol-d6	6.504	99	866385	112.015	ng	0.04
23) Nitrobenzene-d5	7.398	82	614498	108.420	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	175418	130.974	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	951466	109.856	ng	-0.01
79) Terphenyl-d14	12.945	244	931582	76.437	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	115	Below Cal	#	83
19) n-Nitroso-di-n-propyla...	7.398	70	87950	18.546	ng	# 78
25) Isophorone	7.398	82	612888	58.619	ng	# 65
50) Dimethylphthalate	9.869	163	25835	2.830	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	17702	10.582	ng	# 26
57) 2,4-Dinitrotoluene	9.869	165	17702	8.845	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	541	5.969	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	11854	5.175	ng	# 1

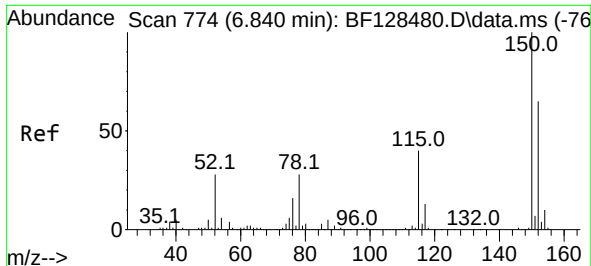
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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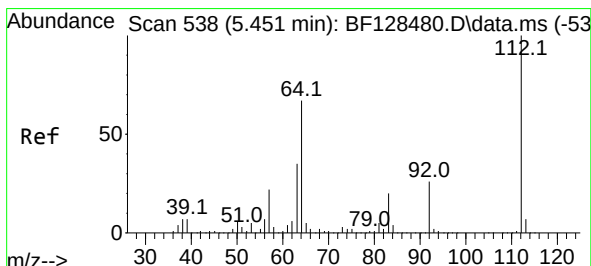
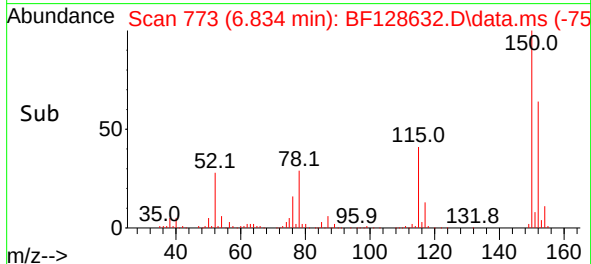
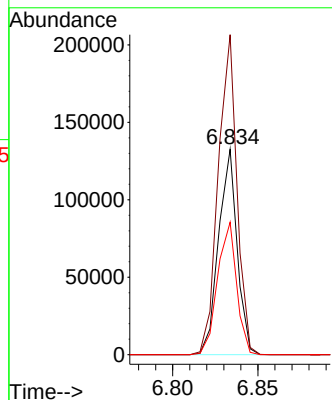
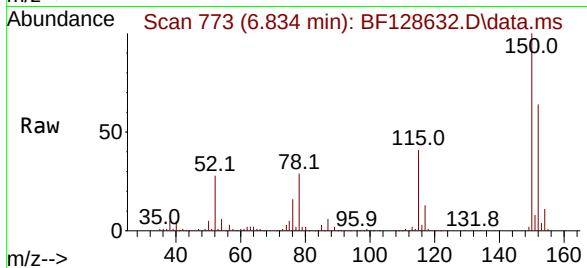




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

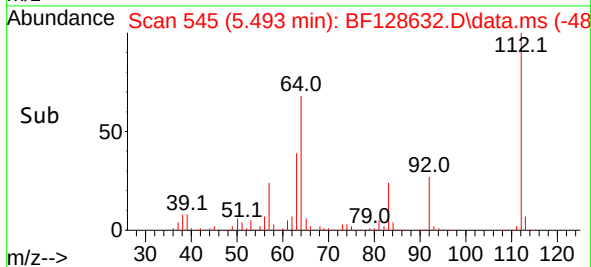
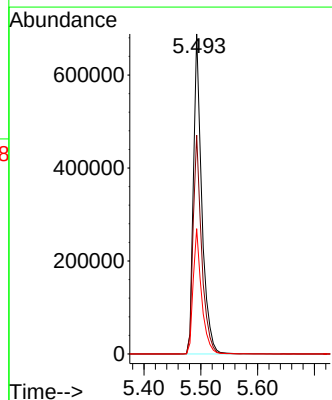
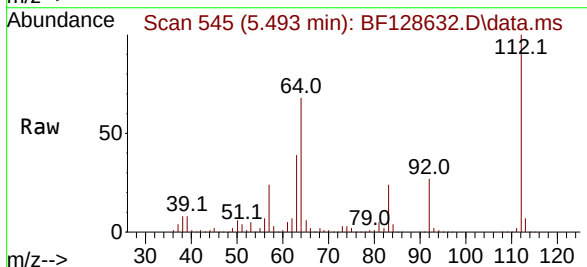
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

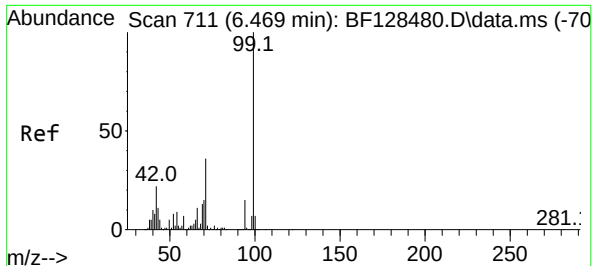
Tgt Ion:152 Resp: 100480
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 64.5 49.9 74.9



#5
2-Fluorophenol
Concen: 116.083 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.041 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion:112 Resp: 704176
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 39.2 28.0 42.0

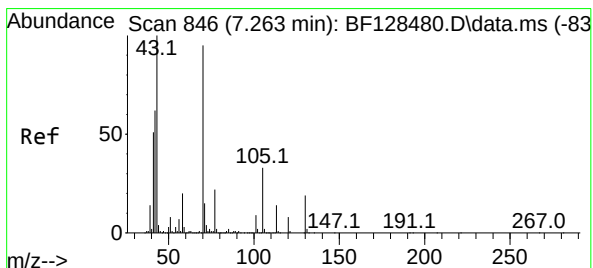
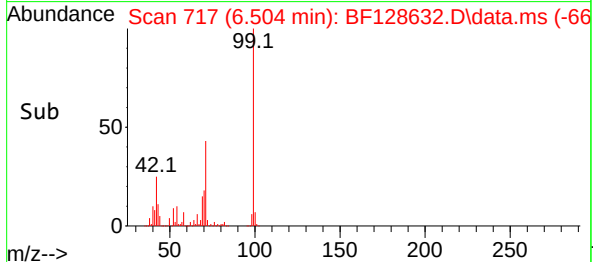
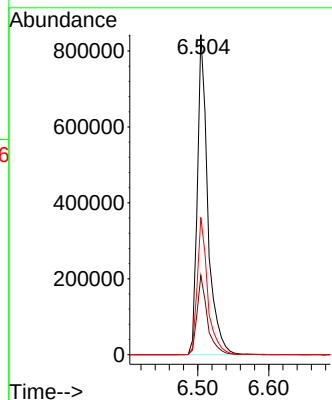
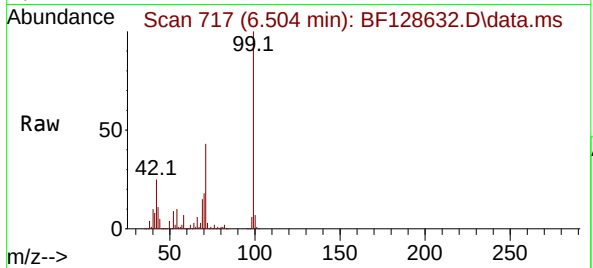




#7
Phenol-d6
Concen: 112.015 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.035 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

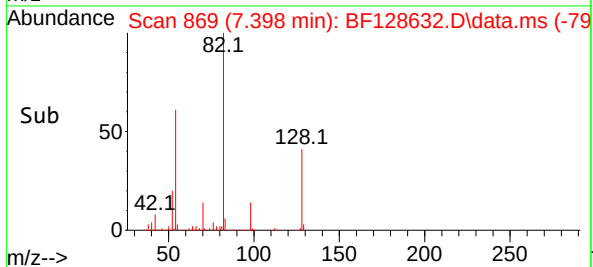
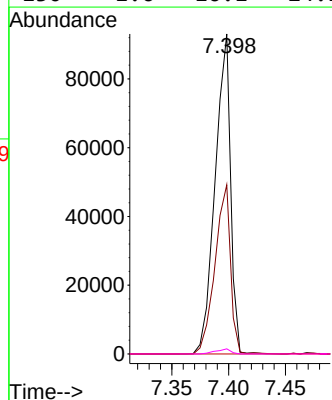
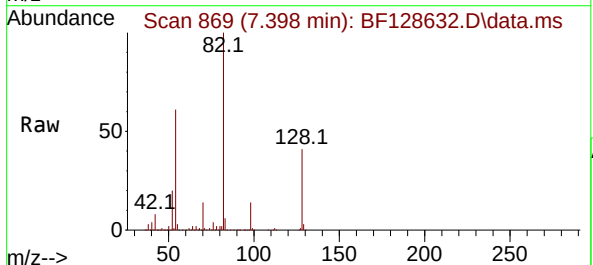
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

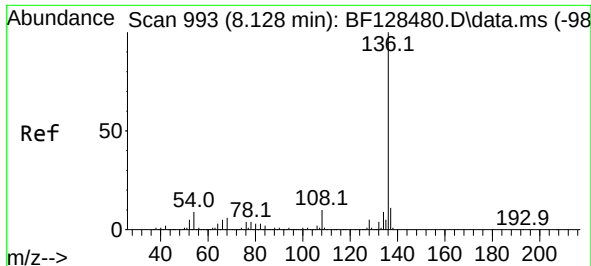
Tgt Ion: 99 Resp: 866385
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.546 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion: 70 Resp: 87950
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 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: BF128632.D

Acq: 01 Jun 2022 19:53

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0006-01

Tgt Ion:136 Resp: 326962

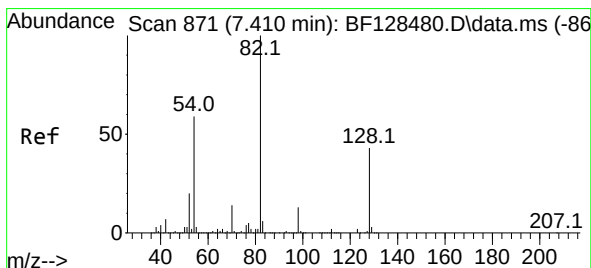
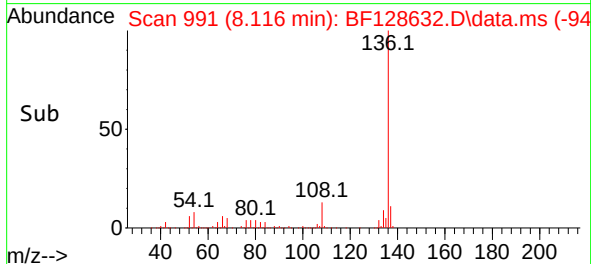
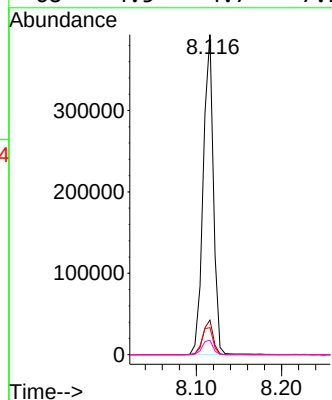
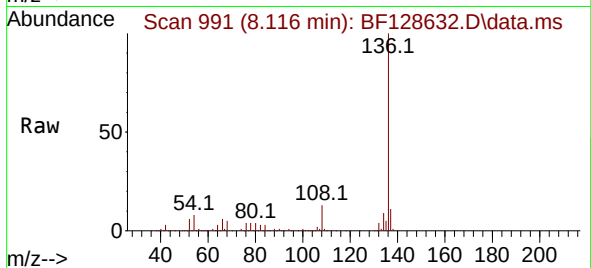
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.5 7.5 11.3

68 4.5 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 108.420 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

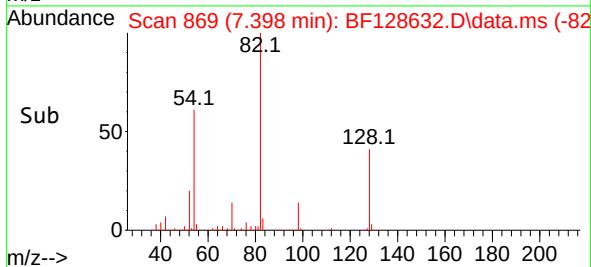
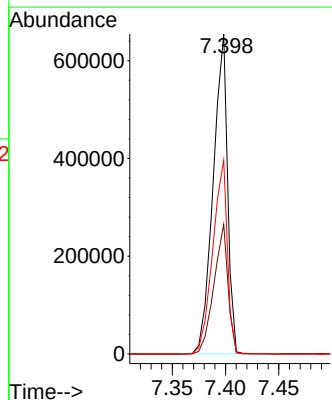
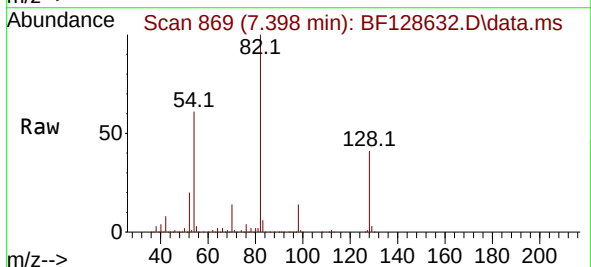
Tgt Ion: 82 Resp: 614498

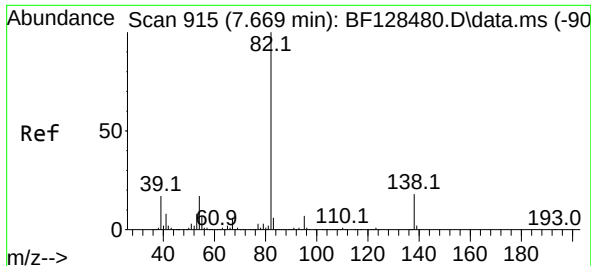
Ion Ratio Lower Upper

82 100

128 40.5 34.0 51.0

54 60.5 46.9 70.3

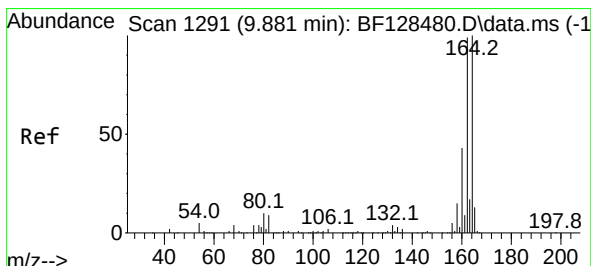
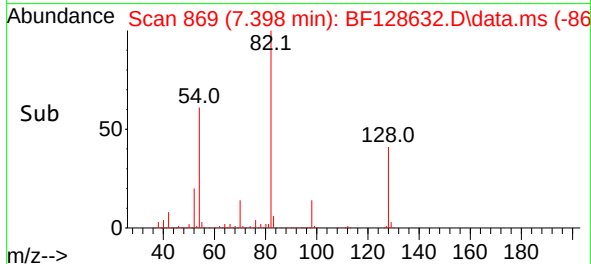
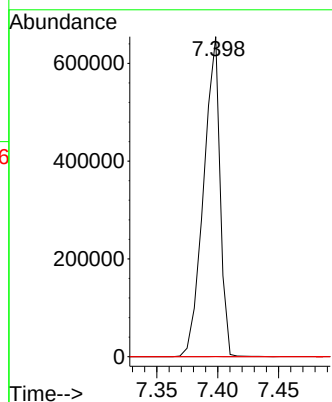
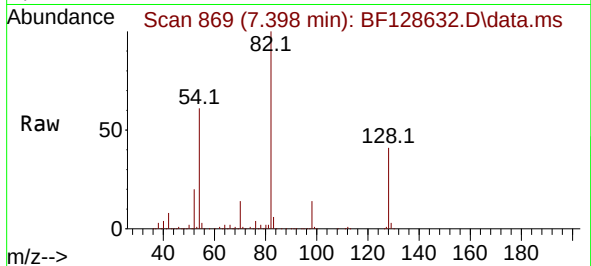




#25
Isophorone
Concen: 58.619 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

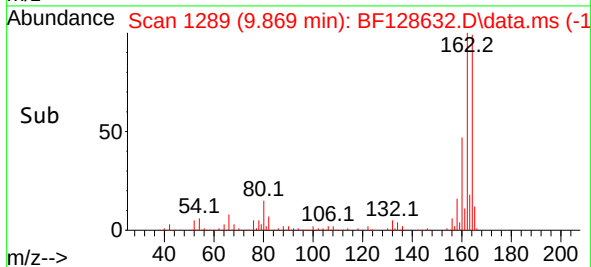
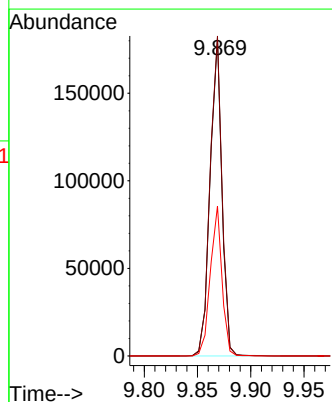
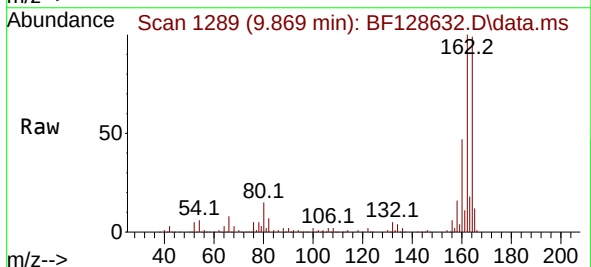
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

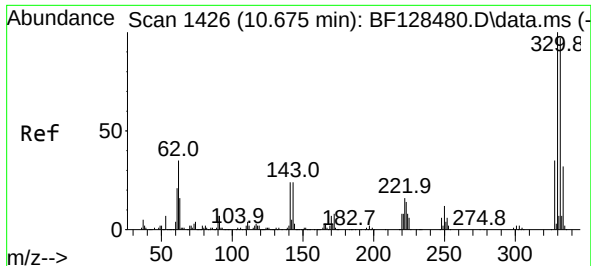
Tgt Ion: 82 Resp: 612888
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion: 164 Resp: 140711
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.974 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128632.D

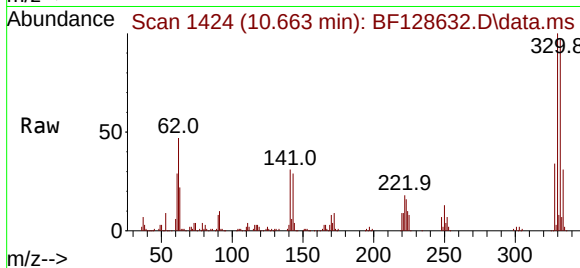
Acq: 01 Jun 2022 19:53

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0006-01



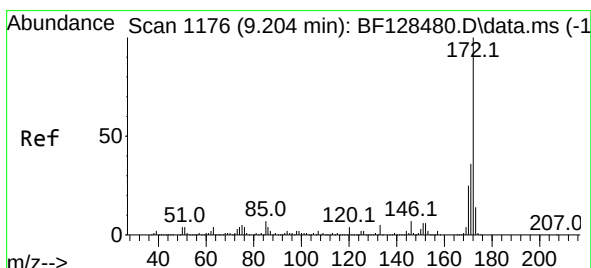
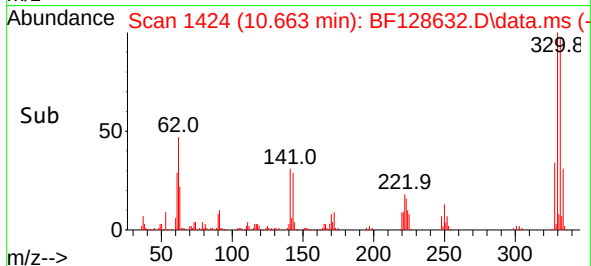
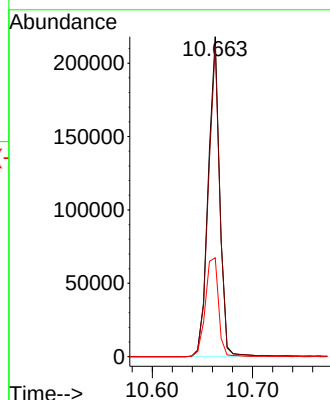
Tgt Ion:330 Resp: 175418

Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 109.856 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128632.D

Acq: 01 Jun 2022 19:53

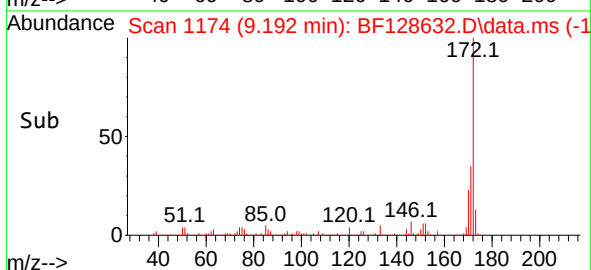
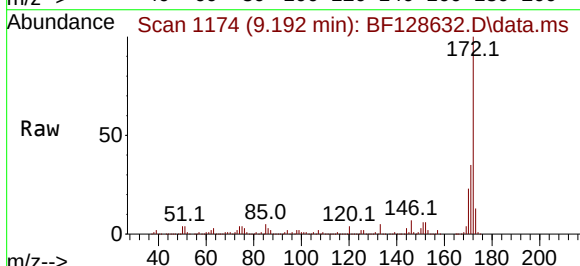
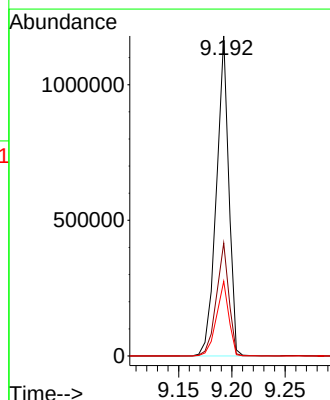
Tgt Ion:172 Resp: 951466

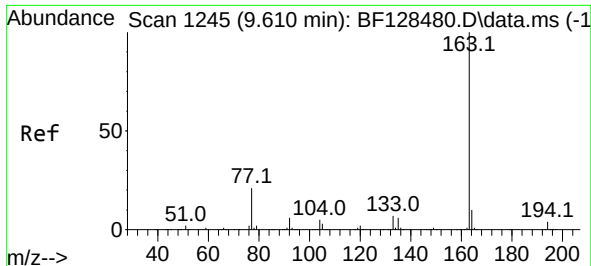
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8

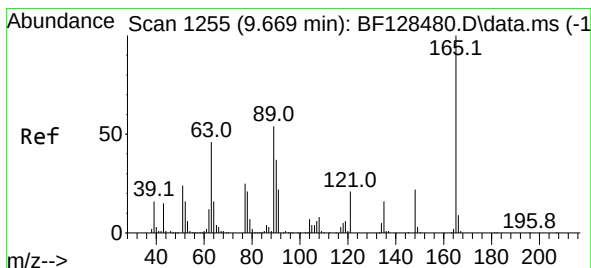
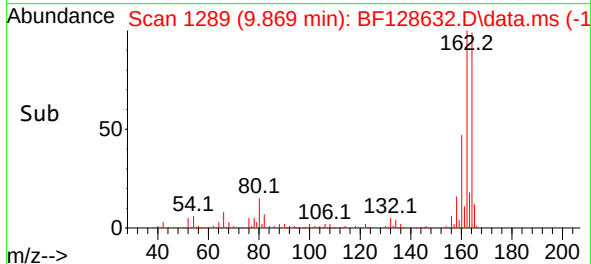
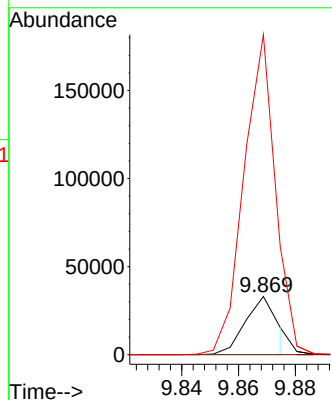
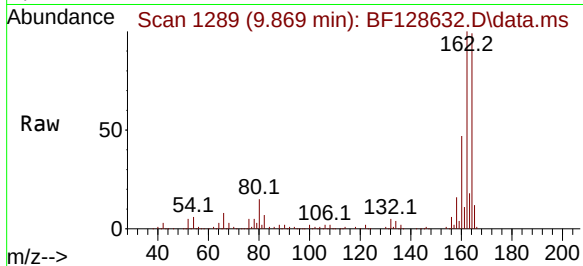




#50
Dimethylphthalate
Concen: 2.830 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.259 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

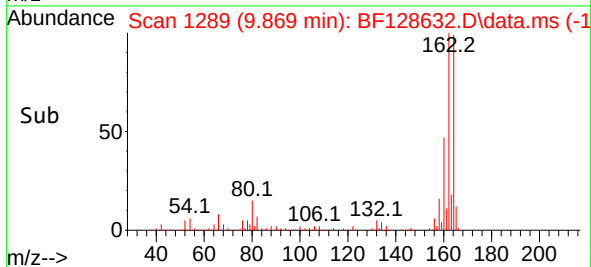
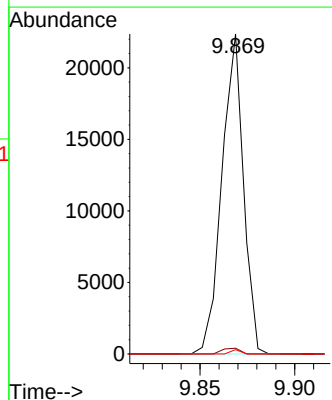
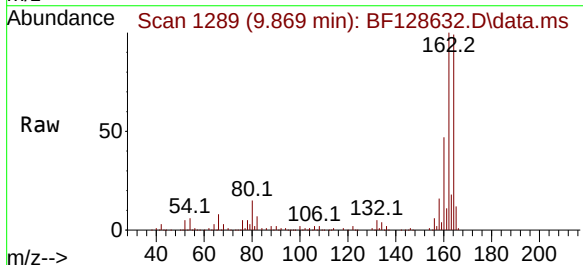
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P021-SS001-0006-01

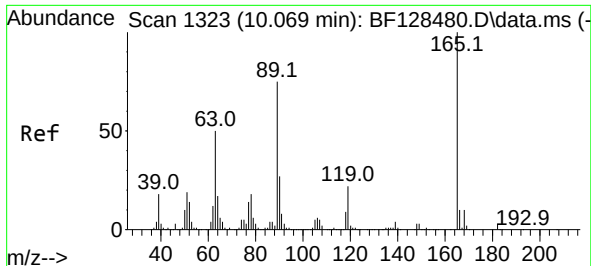
Tgt Ion:163 Resp: 25835
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 549.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.582 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion:165 Resp: 17702
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.4 43.6 65.4#

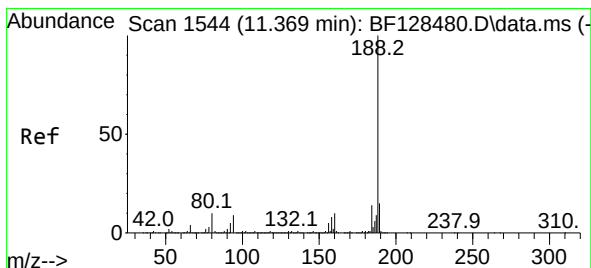
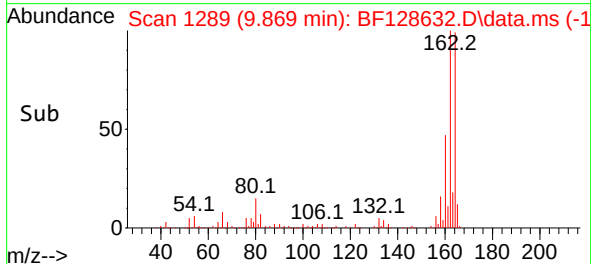
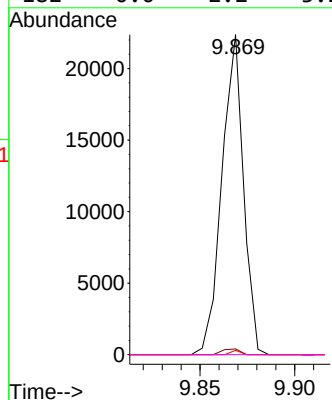
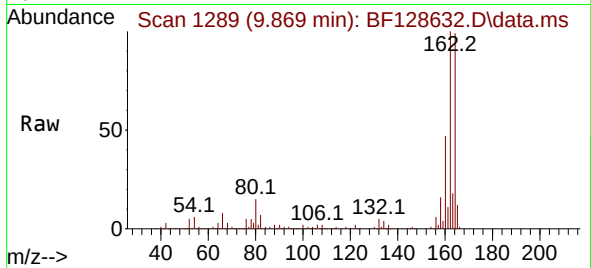




#57
2,4-Dinitrotoluene
Concen: 8.845 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

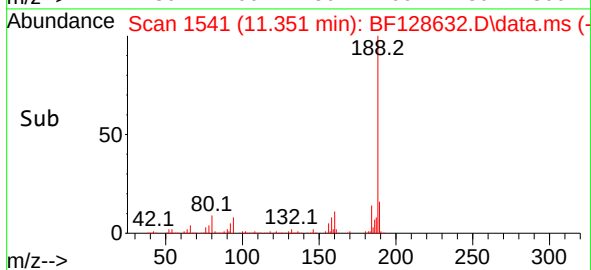
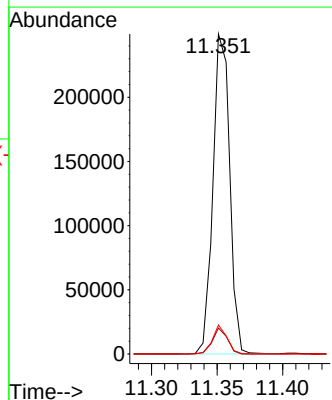
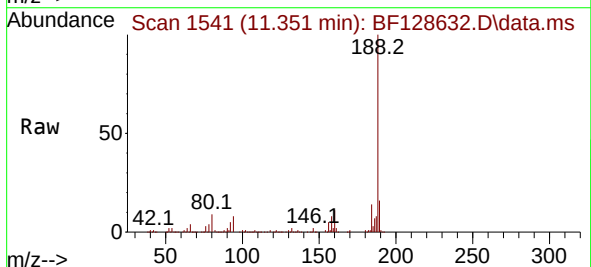
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

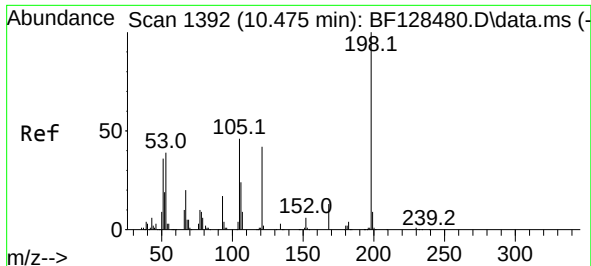
Tgt Ion:165 Resp: 17702
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.018 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion:188 Resp: 221697
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.0 7.6 11.4

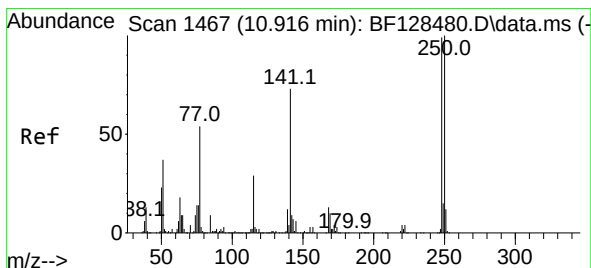
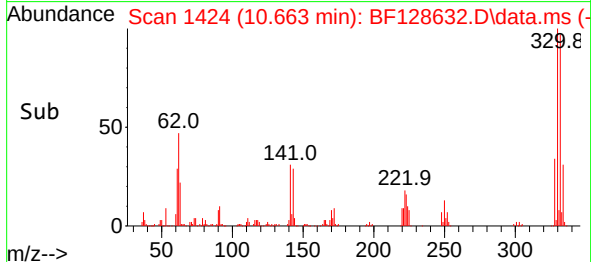
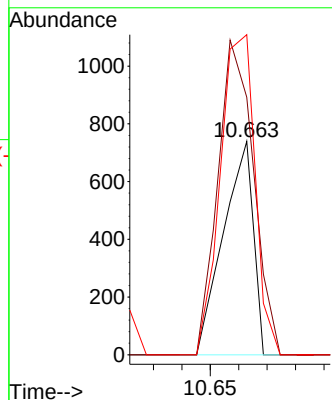
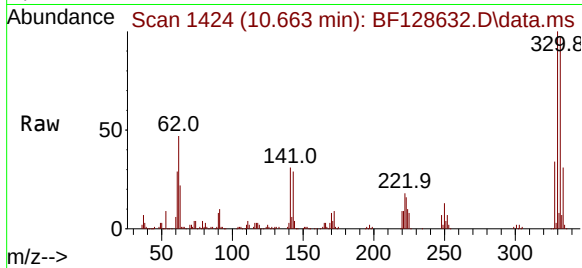




#65
4,6-Dinitro-2-methylphenol
Concen: 5.969 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

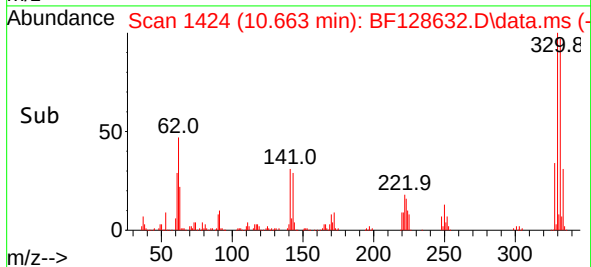
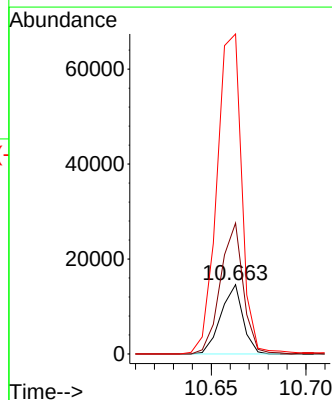
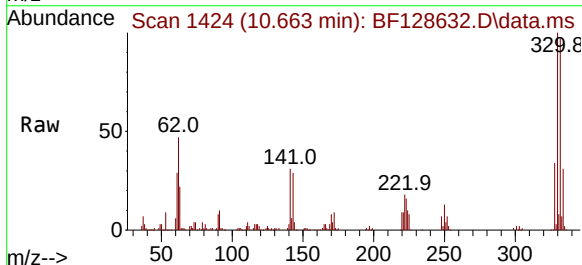
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

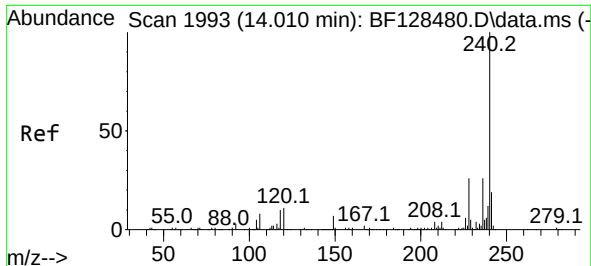
Tgt Ion:198 Resp: 541
Ion Ratio Lower Upper
198 100
51 120.7 37.6 77.6#
105 150.1 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 5.175 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion:248 Resp: 11854
Ion Ratio Lower Upper
248 100
250 188.8 80.6 120.8#
141 461.9 58.9 88.3#

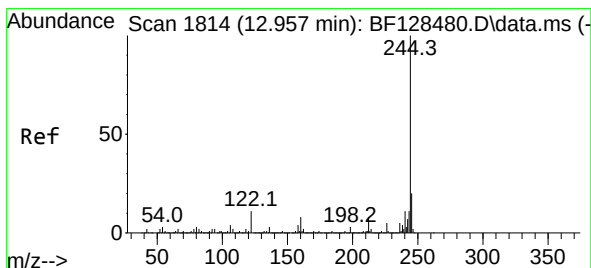
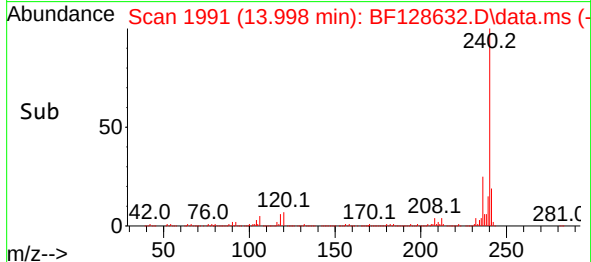
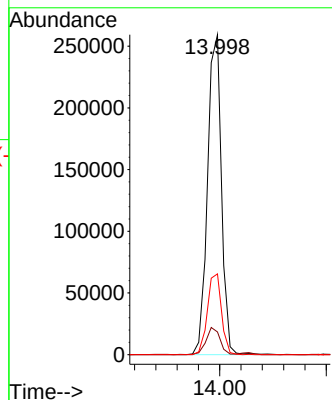
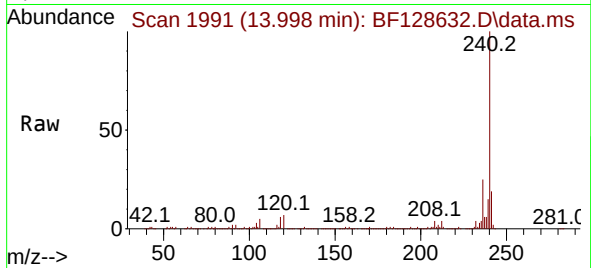




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

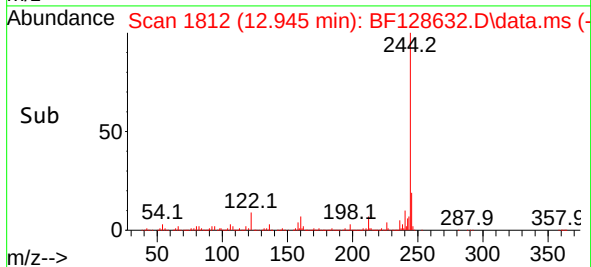
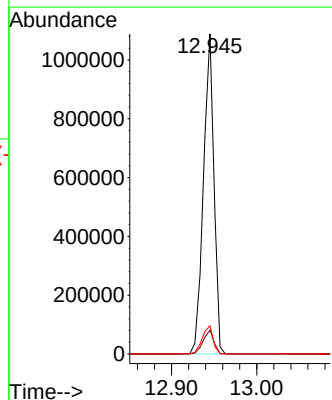
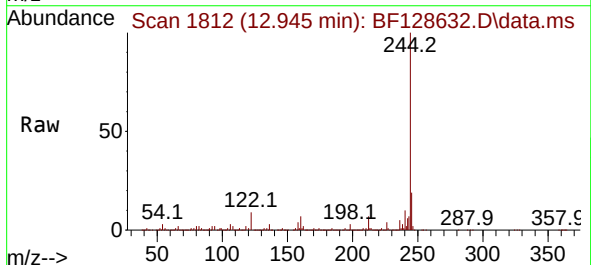
Instrument :
BNA_F
ClientSampleId :
P021-SS001-0006-01

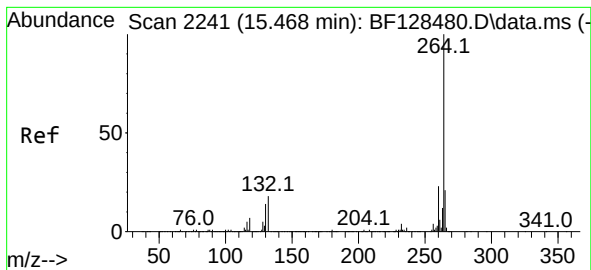
Tgt Ion:240 Resp: 235458
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 76.437 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF128632.D
Acq: 01 Jun 2022 19:53

Tgt Ion:244 Resp: 931582
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.8 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128632.D

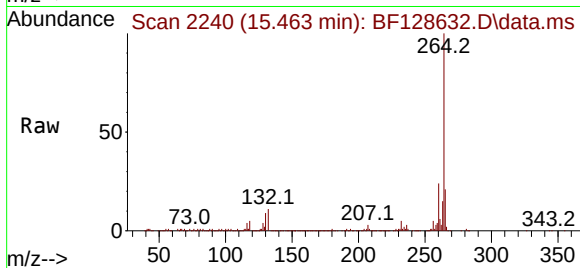
Acq: 01 Jun 2022 19:53

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0006-01



Tgt Ion:264 Resp: 192327

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.9 17.2 25.8

