

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128425.D
 Acq On : 24 May 2022 03:32
 Operator : CG\JU
 Sample : N2875-16 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS009-0006-01

Quant Time: May 24 04:22:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

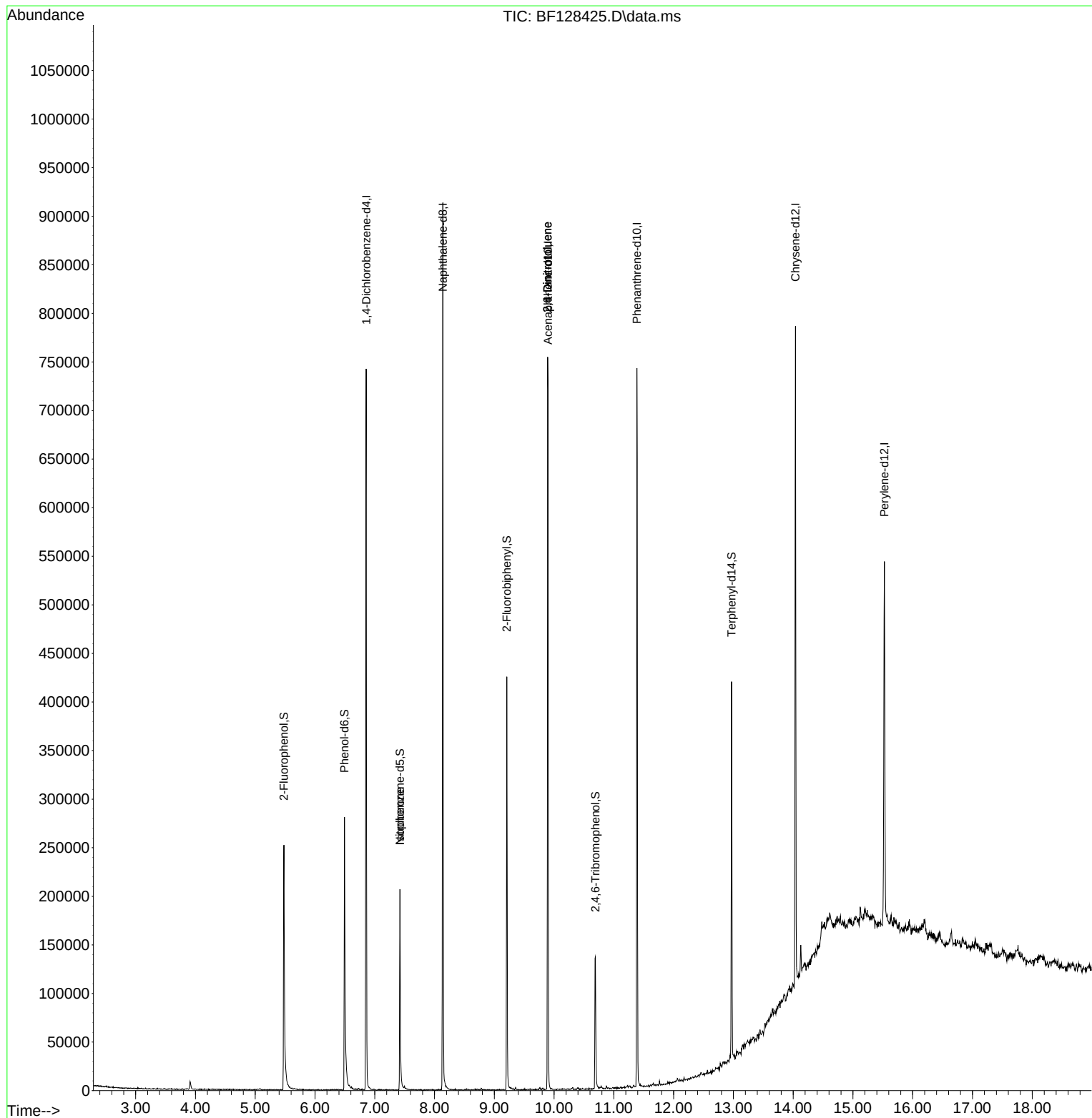
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	106101	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	362425	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	164604	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	279470	20.000	ng	0.00
76) Chrysene-d12	14.039	240	231686	20.000	ng	-0.01
86) Perylene-d12	15.527	264	171481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	91900	13.784	ng	0.00
7) Phenol-d6	6.492	99	114469	13.038	ng	0.00
23) Nitrobenzene-d5	7.422	82	66360	8.204	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	19216	11.320	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	118213	11.744	ng	-0.01
79) Terphenyl-d14	12.968	244	125391	10.448	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.492	77	130	Below Cal	Qvalue #	3
25) Isophorone	7.422	82	66360	5.353 ng	#	68
51) 2,6-Dinitrotoluene	9.892	165	20972	9.145 ng	#	21
57) 2,4-Dinitrotoluene	9.892	165	20972	7.259 ng	#	26

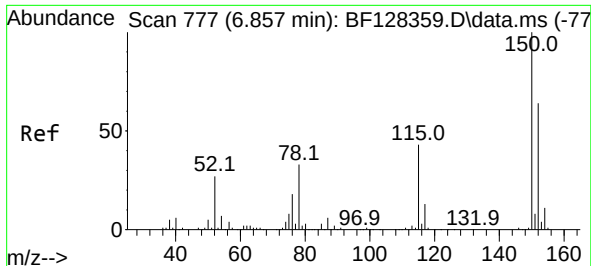
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
Data File : BF128425.D
Acq On : 24 May 2022 03:32
Operator : CG\JU
Sample : N2875-16 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01

Quant Time: May 24 04:22:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 05:28:09 2022
Response via : Initial Calibration

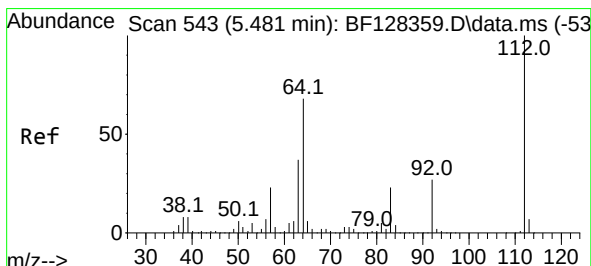
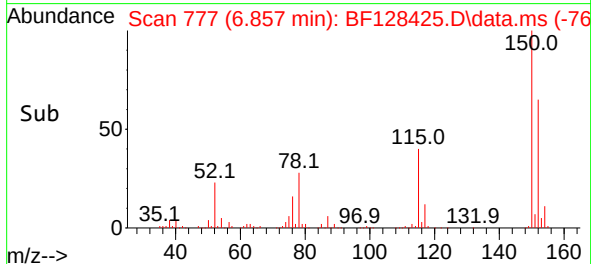
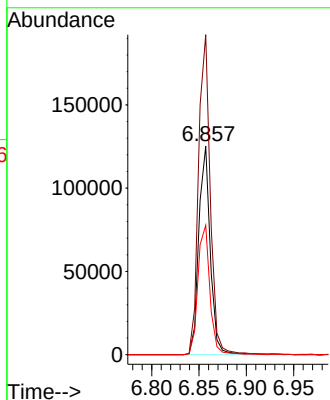
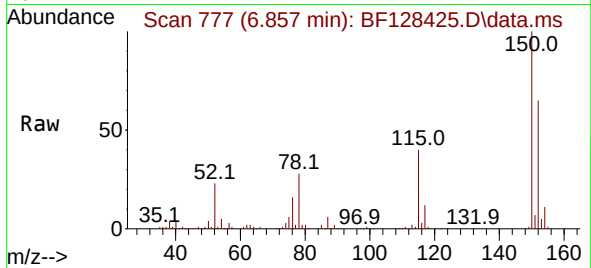




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

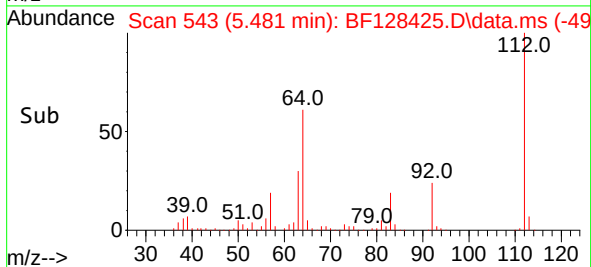
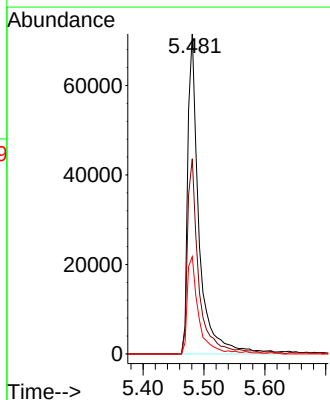
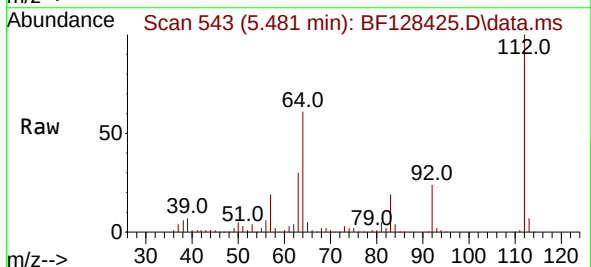
Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01

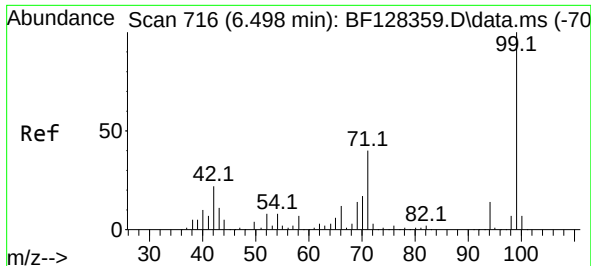
Tgt Ion:152 Resp: 106101
Ion Ratio Lower Upper
152 100
150 153.4 125.3 187.9
115 62.1 48.8 73.2



#5
2-Fluorophenol
Concen: 13.784 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Tgt Ion:112 Resp: 91900
Ion Ratio Lower Upper
112 100
64 61.0 49.5 74.3
63 30.4 26.3 39.5

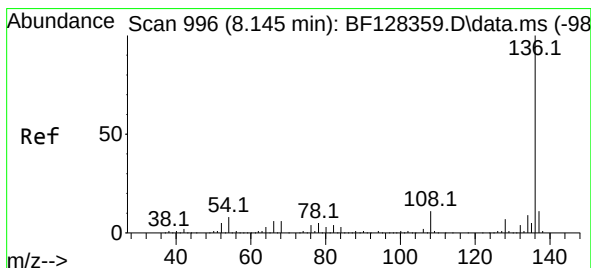
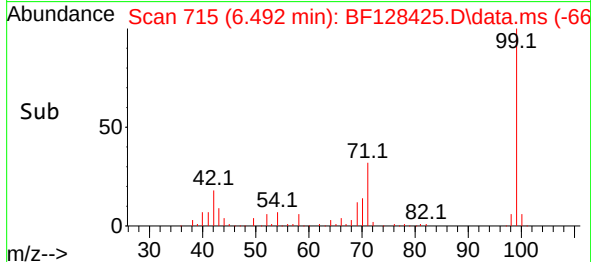
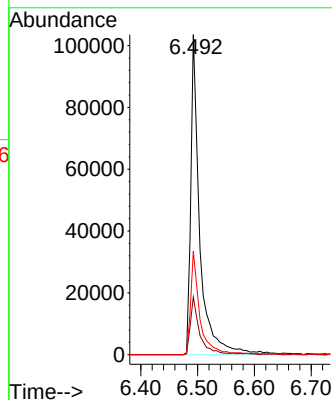
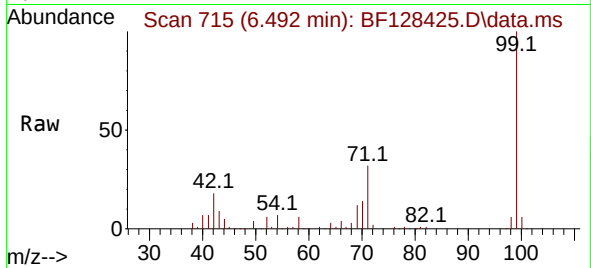




#7
Phenol-d6
Concen: 13.038 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

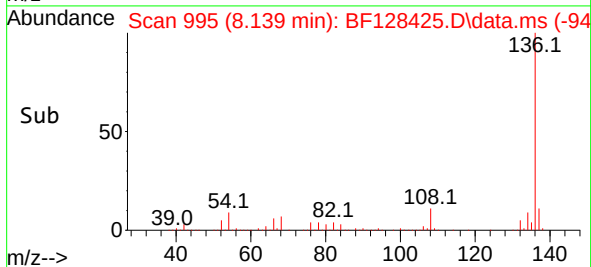
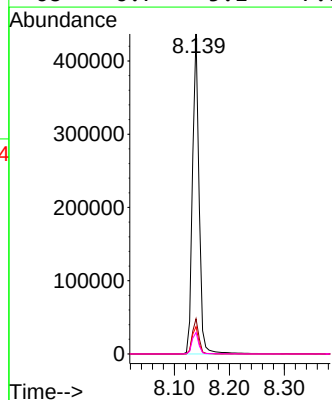
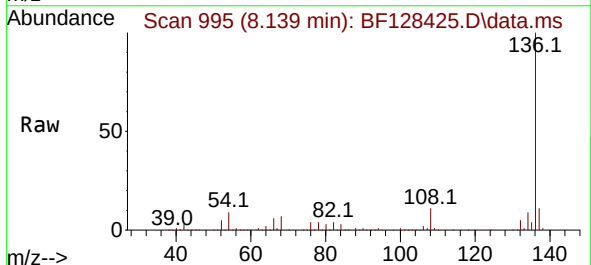
Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01

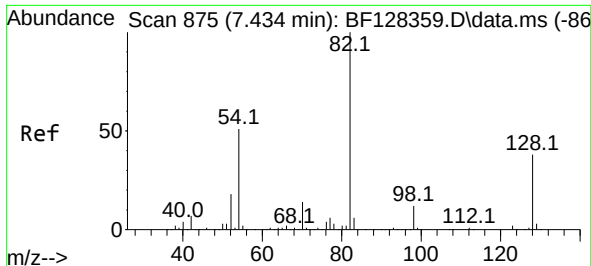
Tgt Ion: 99 Resp: 114469
Ion Ratio Lower Upper
99 100
42 18.0 16.6 24.8
71 32.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Tgt Ion: 136 Resp: 362425
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.8 10.2
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 8.204 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

Instrument :

BNA_F

ClientSampleId :

P007-SS009-0006-01

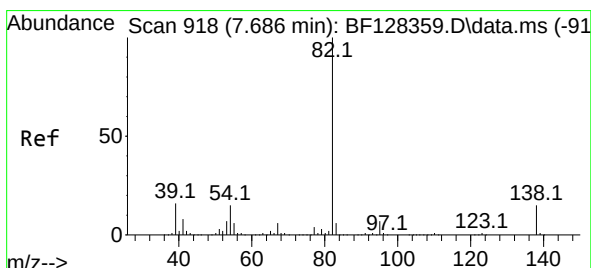
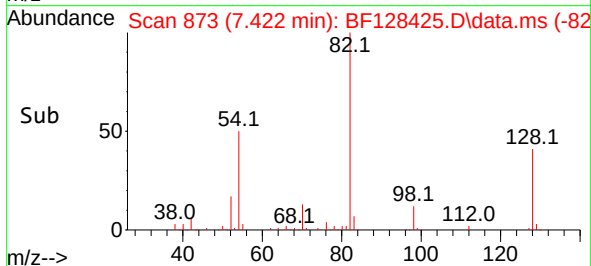
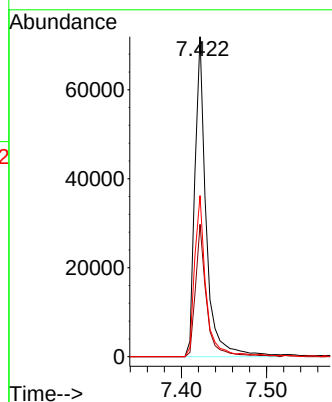
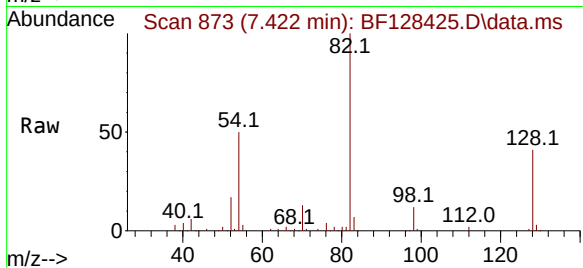
Tgt Ion: 82 Resp: 66360

Ion Ratio Lower Upper

82 100

128 41.4 30.0 45.0

54 50.3 41.3 61.9



#25

Isophorone

Concen: 5.353 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.265 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

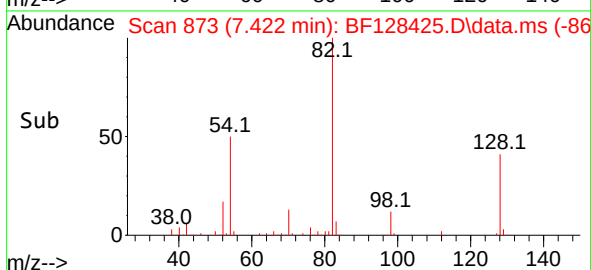
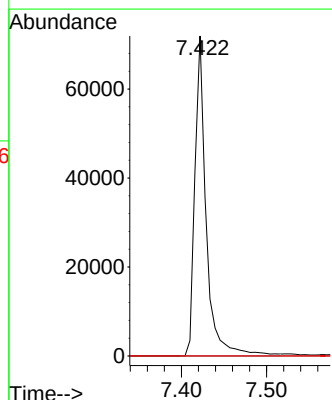
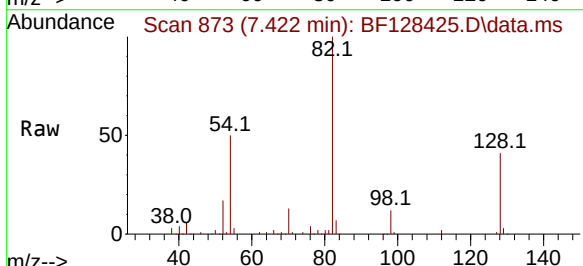
Tgt Ion: 82 Resp: 66360

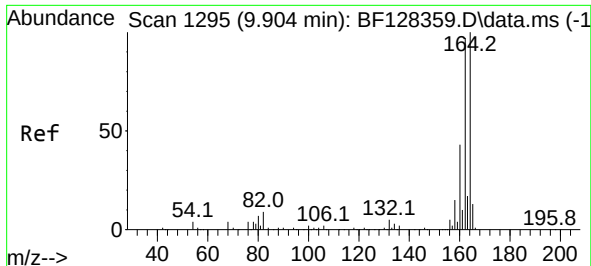
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#

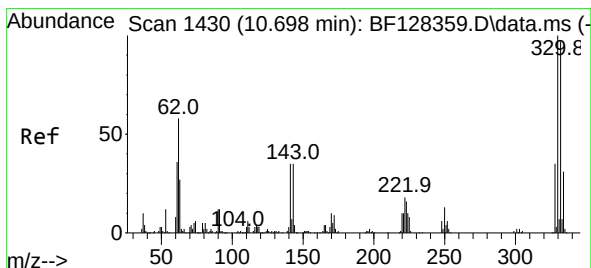
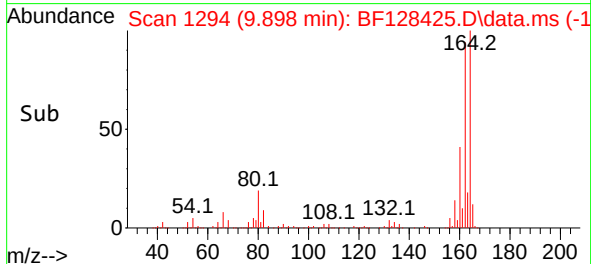
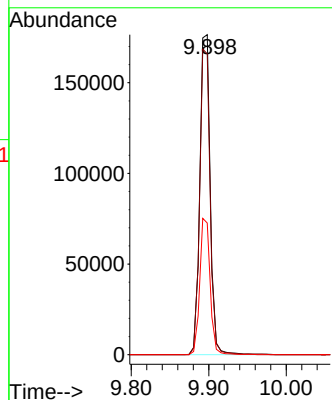
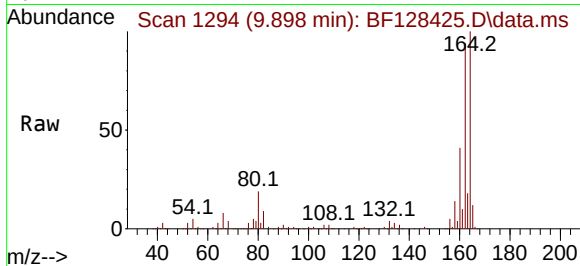




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

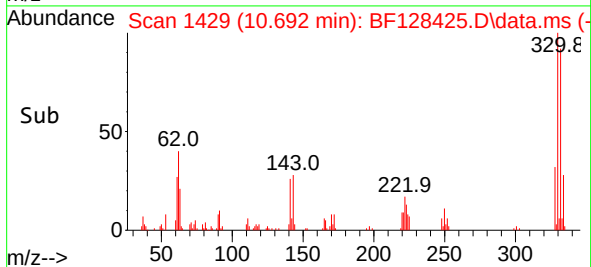
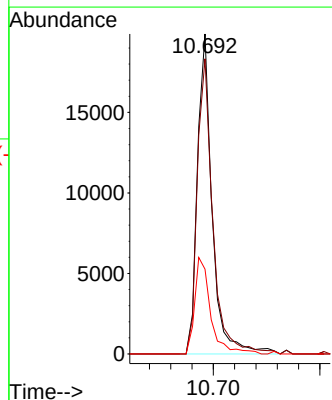
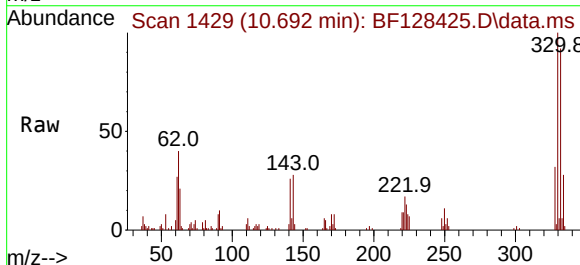
Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01

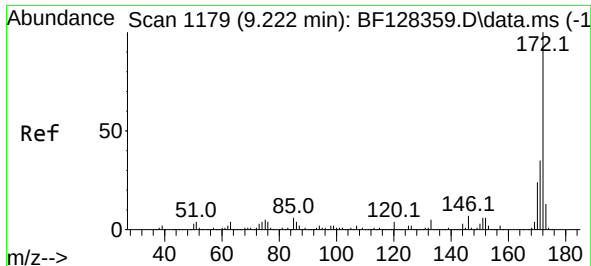
Tgt Ion:164 Resp: 164604
Ion Ratio Lower Upper
164 100
162 94.1 76.0 114.0
160 41.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 11.320 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Tgt Ion:330 Resp: 19216
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 32.5 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 11.744 ng

RT: 9.210 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

Instrument :

BNA_F

ClientSampleId :

P007-SS009-0006-01

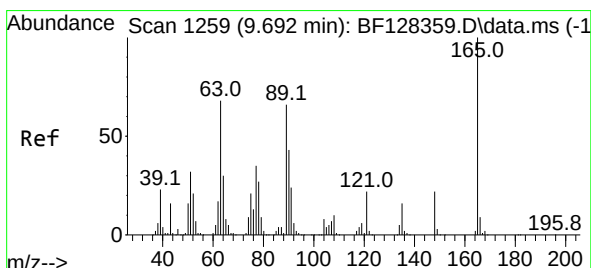
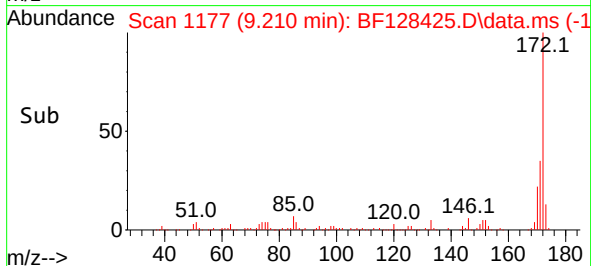
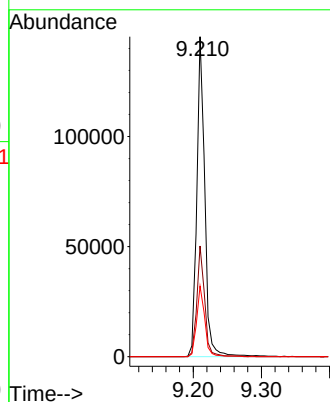
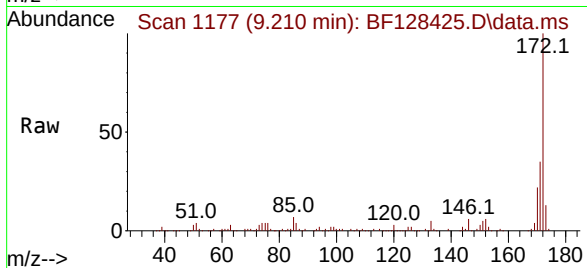
Tgt Ion:172 Resp: 118213

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 22.1 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.145 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

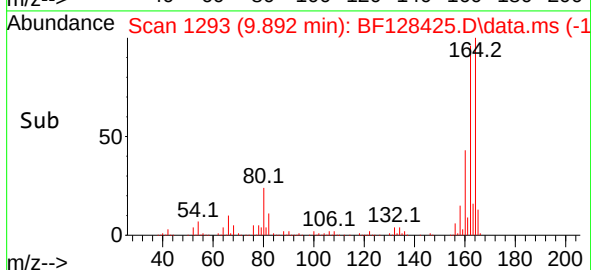
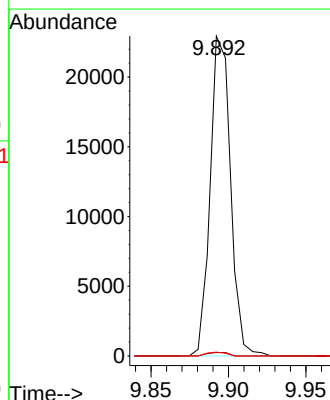
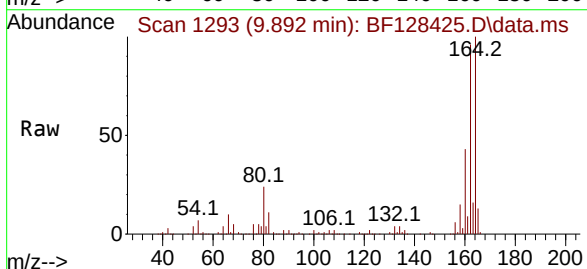
Tgt Ion:165 Resp: 20972

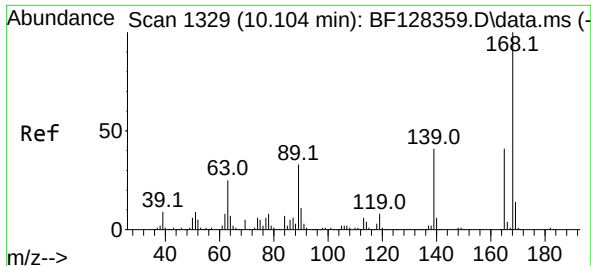
Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

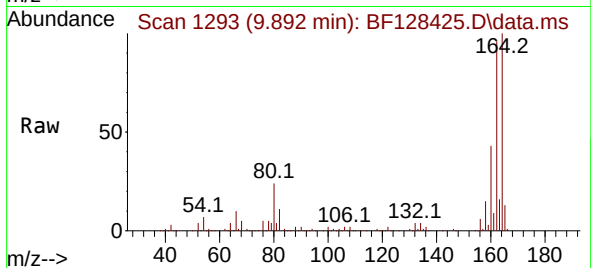
89 1.2 49.0 73.4#



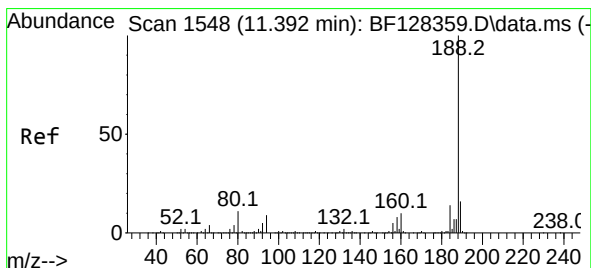
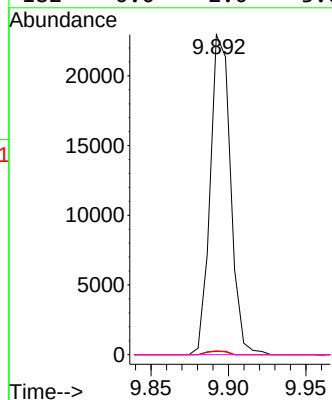
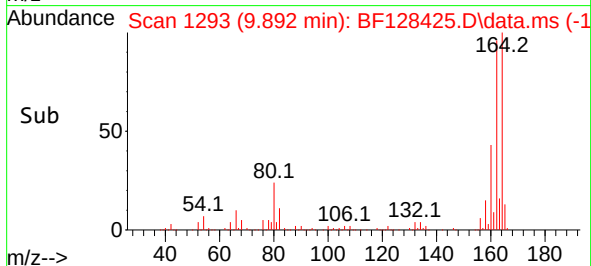


#57
2,4-Dinitrotoluene
Concen: 7.259 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01

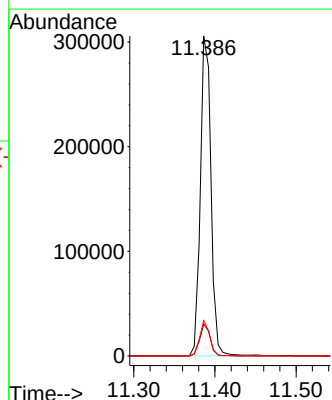
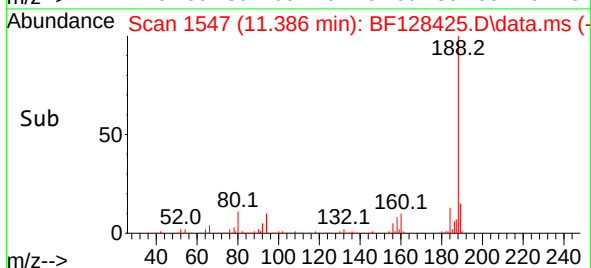
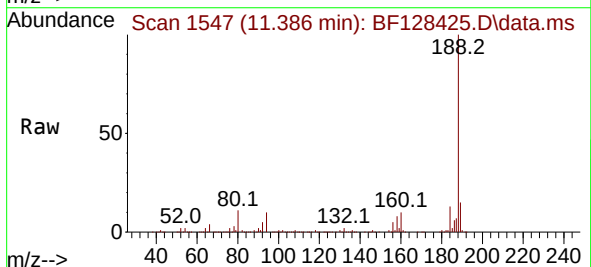


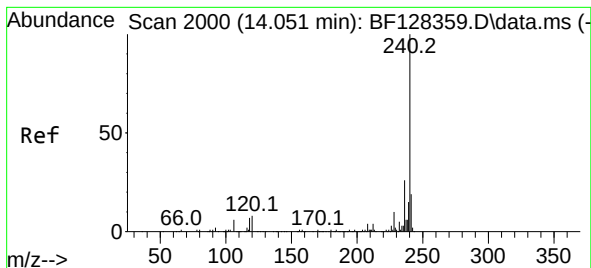
Tgt Ion:165 Resp: 20972
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Tgt Ion:188 Resp: 279470
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.1 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.012 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

Instrument :

BNA_F

ClientSampleId :

P007-SS009-0006-01

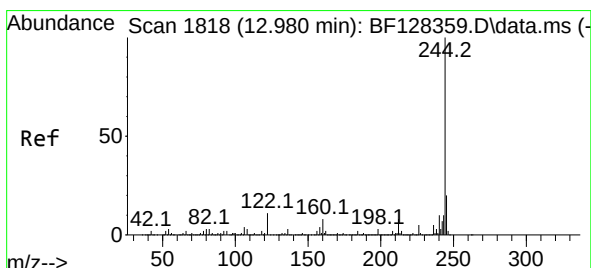
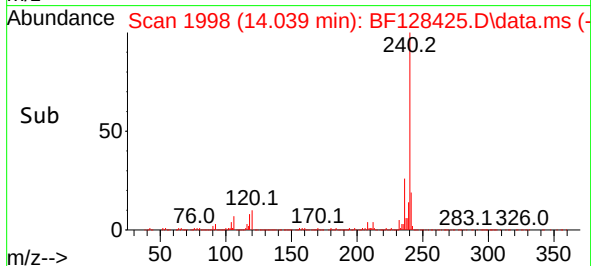
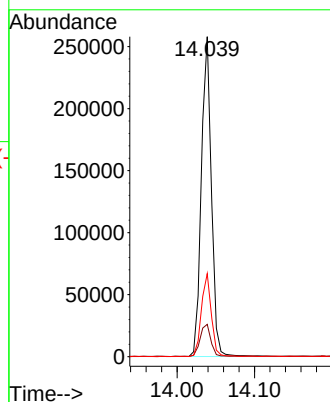
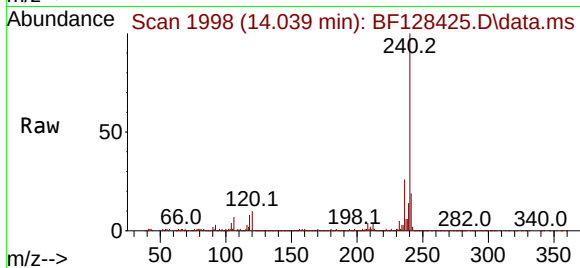
Tgt Ion:240 Resp: 231686

Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.6

236 25.9 20.3 30.5



#79

Terphenyl-d14

Concen: 10.448 ng

RT: 12.968 min Scan# 1816

Delta R.T. -0.012 min

Lab File: BF128425.D

Acq: 24 May 2022 03:32

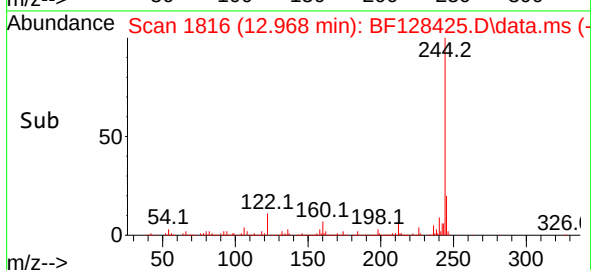
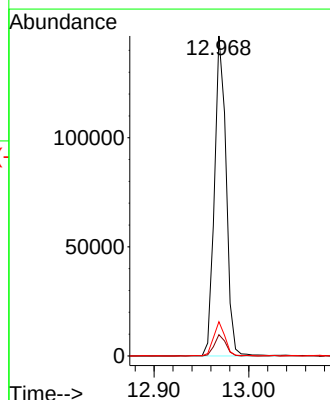
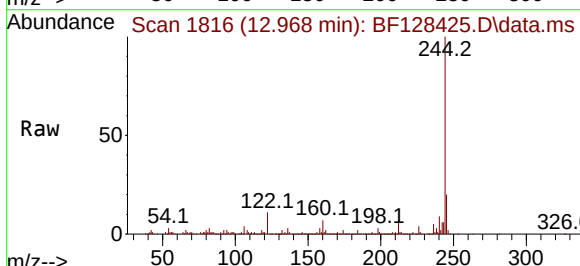
Tgt Ion:244 Resp: 125391

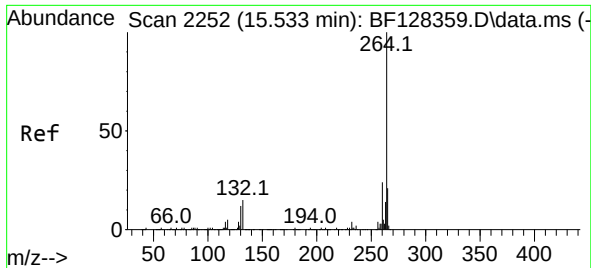
Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.4

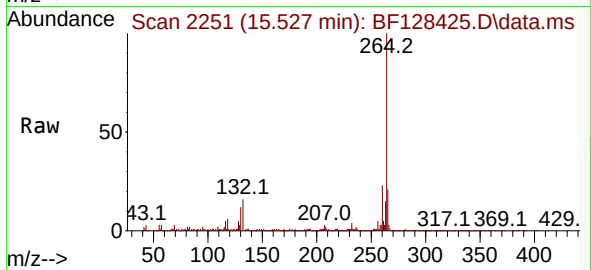
122 10.7 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128425.D
Acq: 24 May 2022 03:32

Instrument :
BNA_F
ClientSampleId :
P007-SS009-0006-01



Tgt Ion:264 Resp: 171481

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	20.9	17.5	26.3

