

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128615.D
 Acq On : 01 Jun 2022 01:36
 Operator : CG\JU
 Sample : N2952-26 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P043-SS001-0006-01

Quant Time: Jun 01 02:19:09 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)

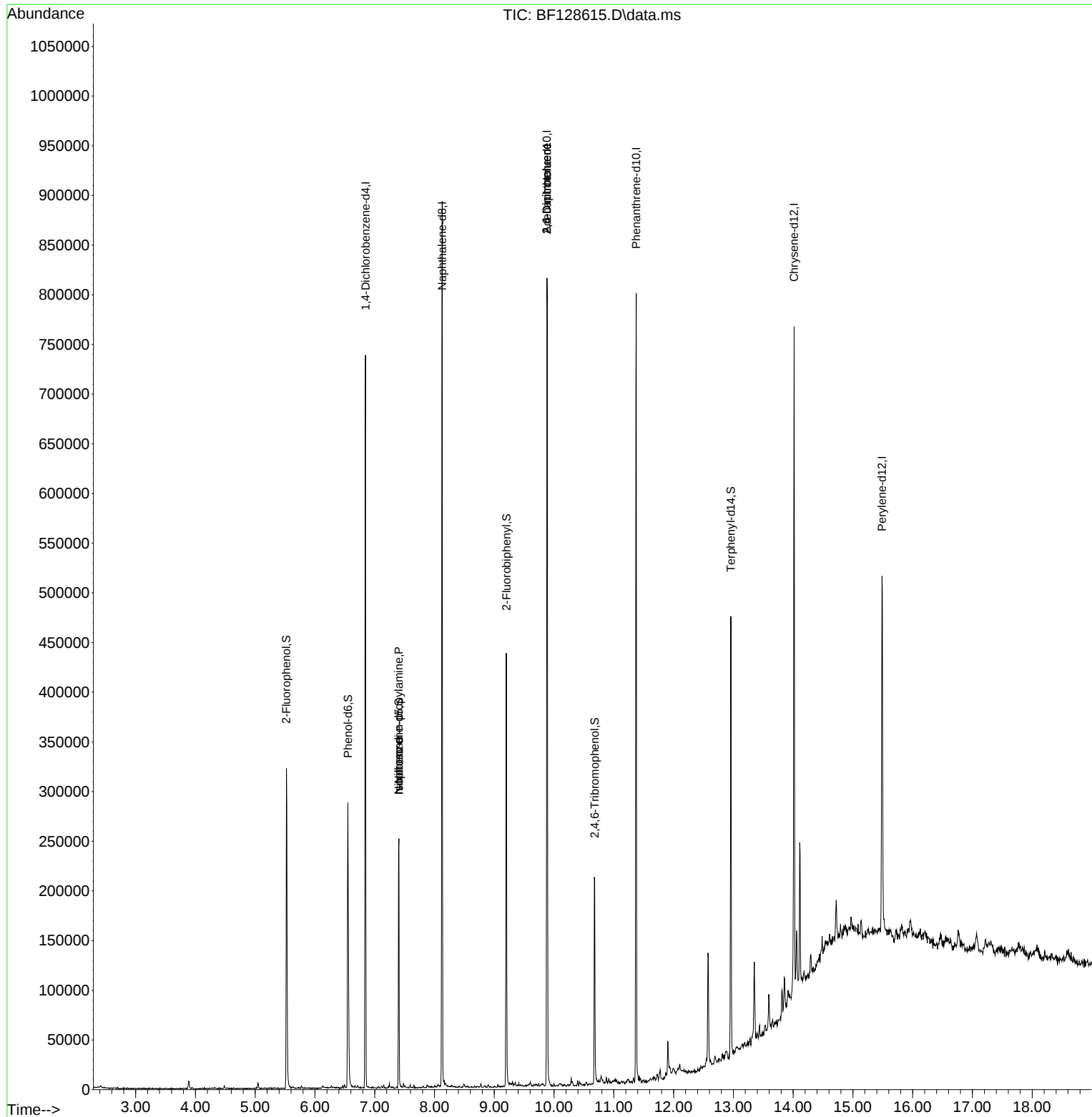
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	99163	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	341646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	175351	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	284921	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	227144	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	175199	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	87676	14.645	ng	0.07
7) Phenol-d6	6.551	99	101815	13.339	ng	0.08
23) Nitrobenzene-d5	7.404	82	70555	11.913	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	24838	14.882	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	143489	13.294	ng	0.00
79) Terphenyl-d14	12.957	244	135230	11.502	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.540	77	355	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	10226	2.185	ng	# 79
25) Isophorone	7.404	82	70554	6.458	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	21645	10.383	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	21645	8.679	ng	# 22

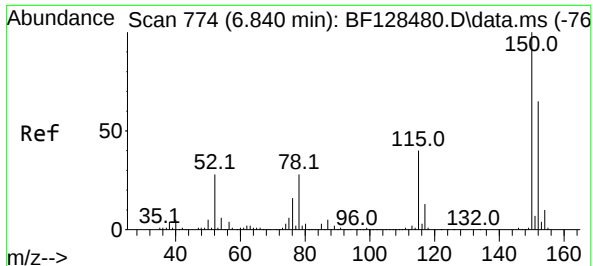
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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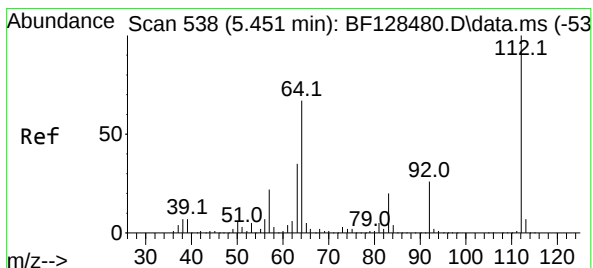
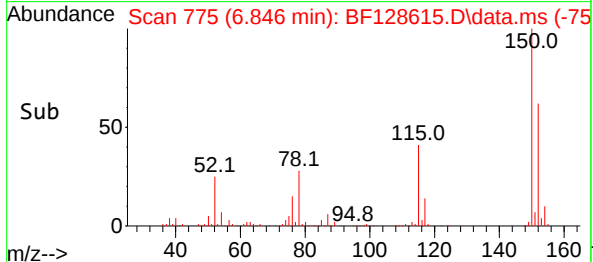
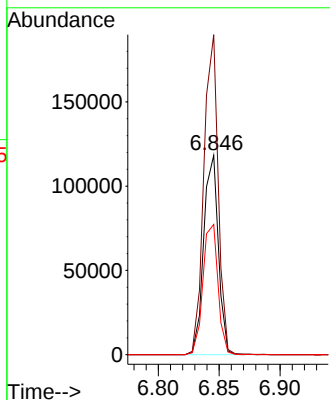
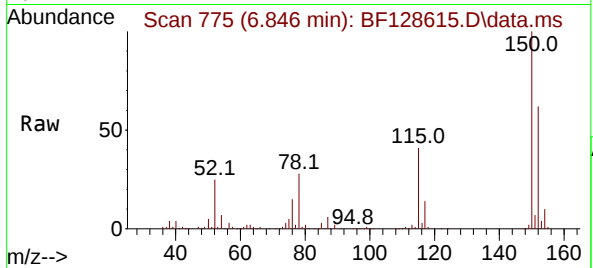




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

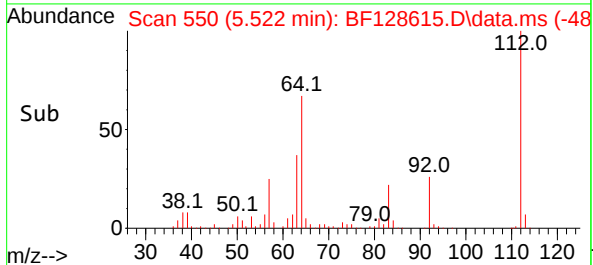
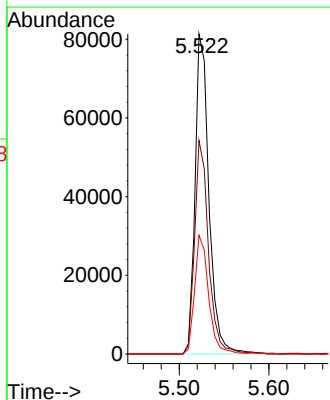
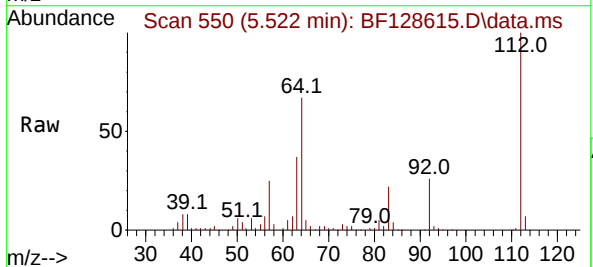
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0006-01

Tgt Ion:152 Resp: 99163
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 14.645 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.071 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

Tgt Ion:112 Resp: 87676
Ion Ratio Lower Upper
112 100
64 66.7 53.3 79.9
63 37.1 28.0 42.0

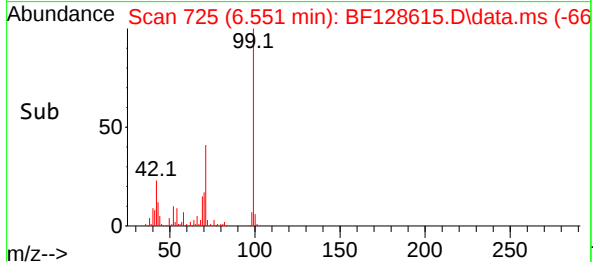
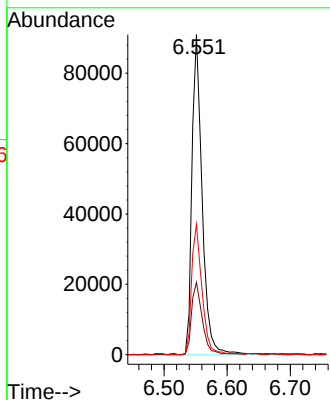
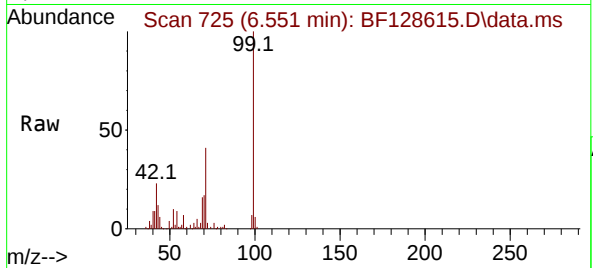




#7
Phenol-d6
Concen: 13.339 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.082 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

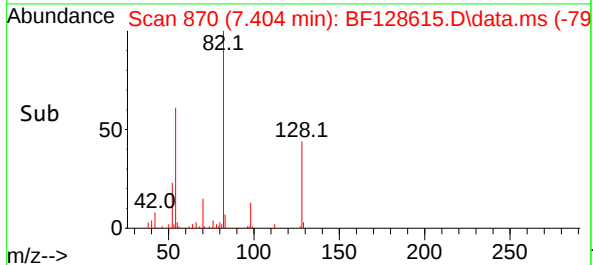
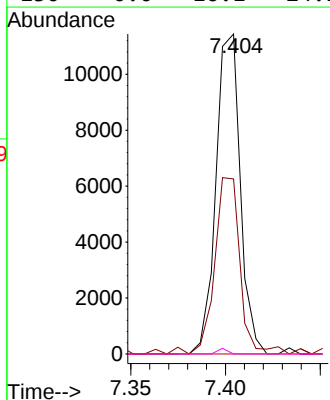
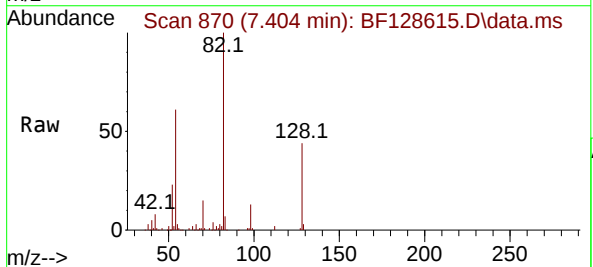
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0006-01

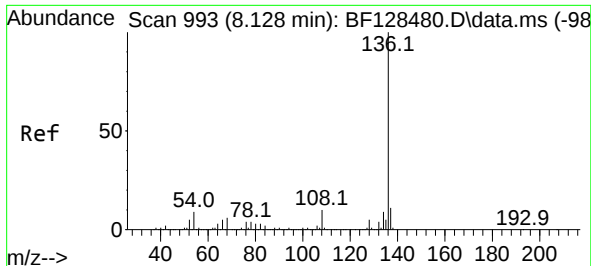
Tgt Ion: 99 Resp: 101815
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 40.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.185 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

Tgt Ion: 70 Resp: 10226
Ion Ratio Lower Upper
70 100
42 54.7 52.3 78.5
101 0.0 7.5 11.3#
130 0.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.000 min

Lab File: BF128615.D

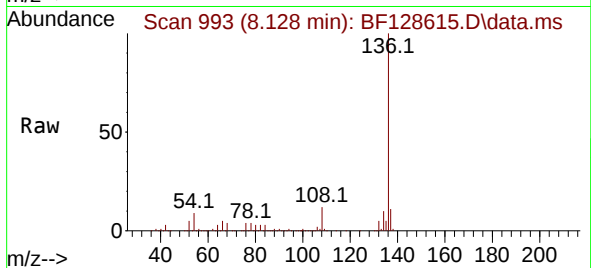
Acq: 01 Jun 2022 01:36

Instrument :

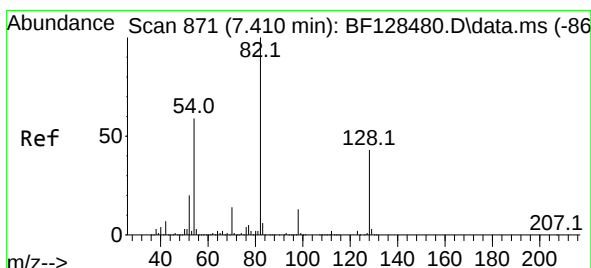
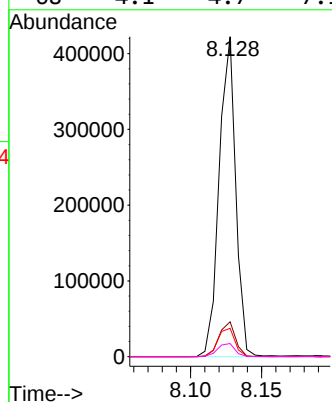
BNA_F

ClientSampleId :

P043-SS001-0006-01



Tgt Ion:	136	Resp:	341646
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	8.8	7.5	11.3
68	4.1	4.7	7.1



#23

Nitrobenzene-d5

Concen: 11.913 ng

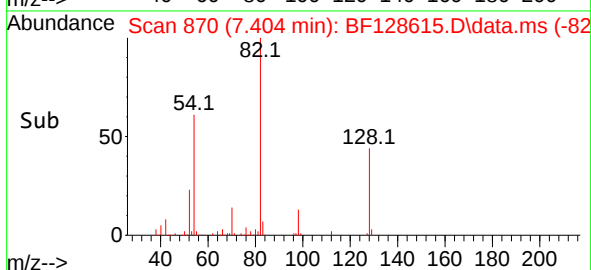
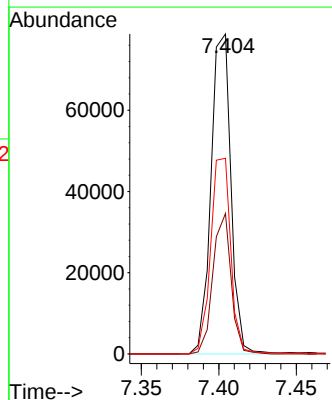
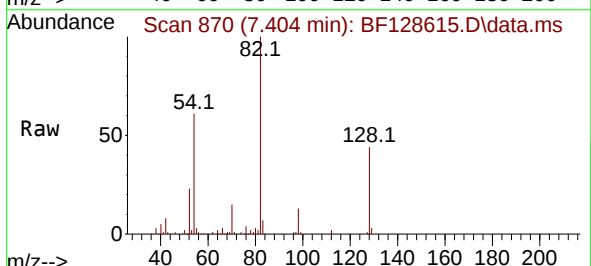
RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128615.D

Acq: 01 Jun 2022 01:36

Tgt Ion:	82	Resp:	70555
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.0	51.0
54	61.2	46.9	70.3

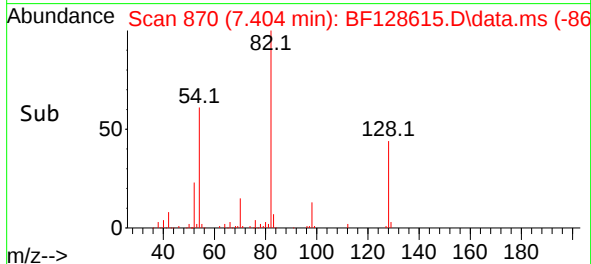
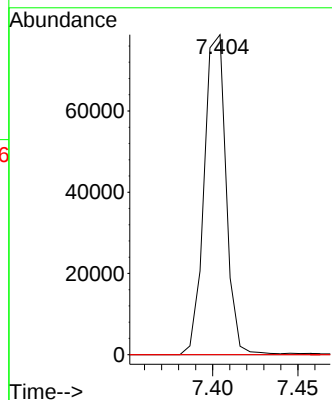
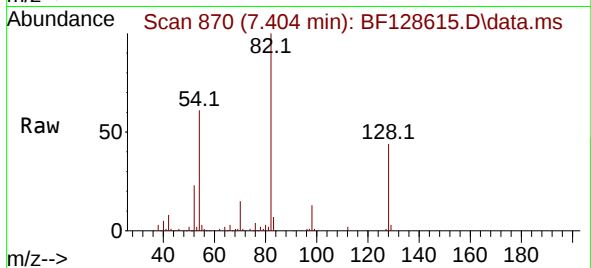




#25
Isophorone
Concen: 6.458 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

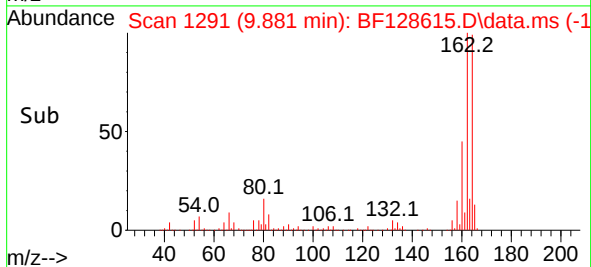
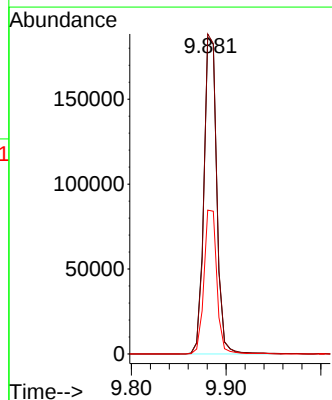
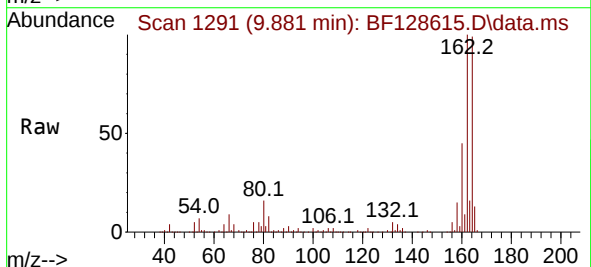
Instrument :
BNA_F
ClientSampleId :
P043-SS001-0006-01

Tgt Ion: 82 Resp: 70554
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: 9.881 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

Tgt Ion: 164 Resp: 175351
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 14.882 ng

RT: 10.681 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF128615.D

Acq: 01 Jun 2022 01:36

Instrument :

BNA_F

ClientSampleId :

P043-SS001-0006-01

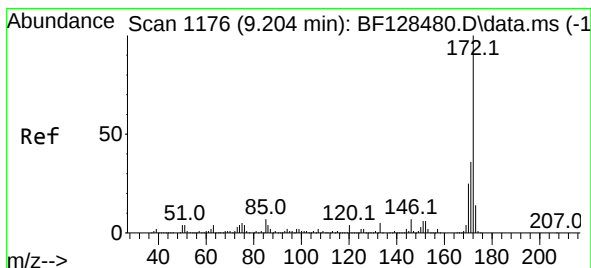
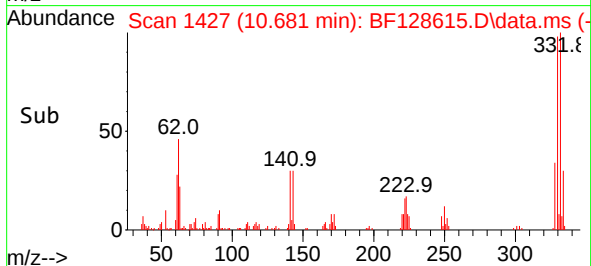
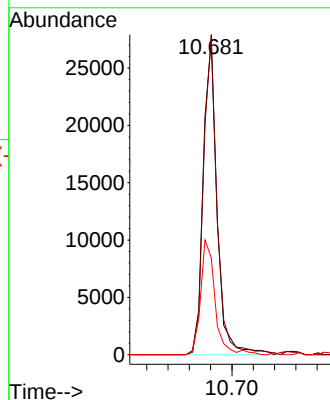
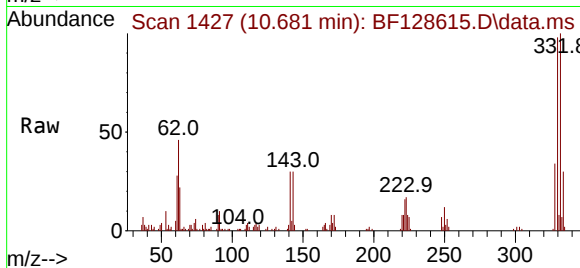
Tgt Ion:330 Resp: 24838

Ion Ratio Lower Upper

330 100

332 99.3 76.8 115.2

141 38.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.294 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF128615.D

Acq: 01 Jun 2022 01:36

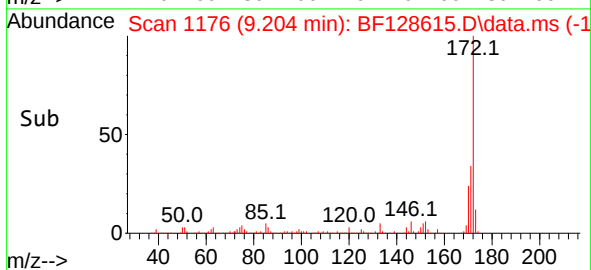
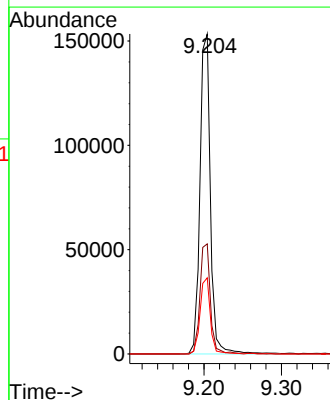
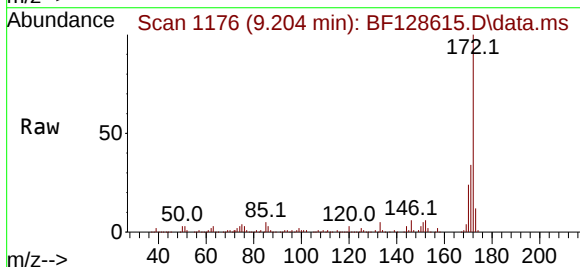
Tgt Ion:172 Resp: 143489

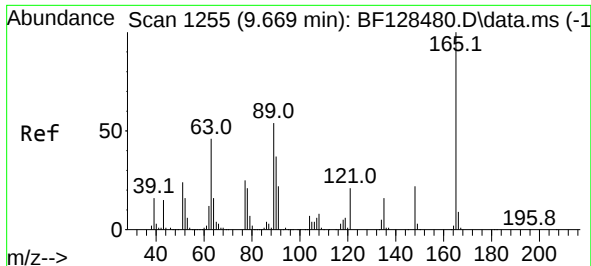
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.8 19.8 29.8

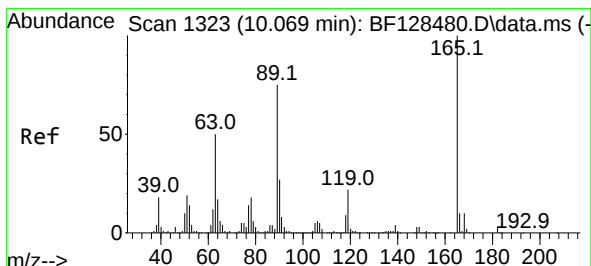
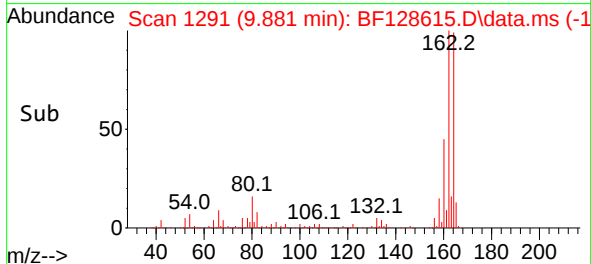
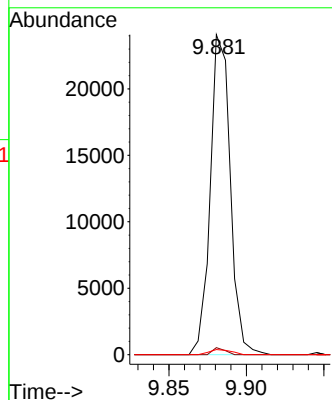
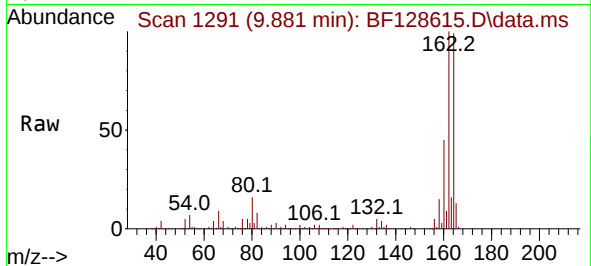




#51
2,6-Dinitrotoluene
Concen: 10.383 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

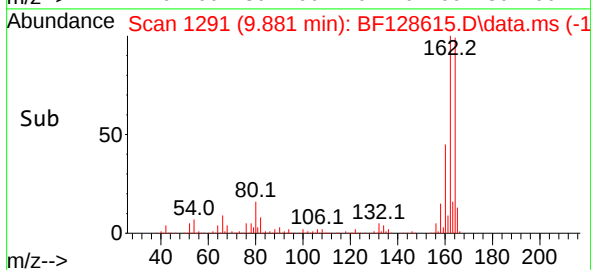
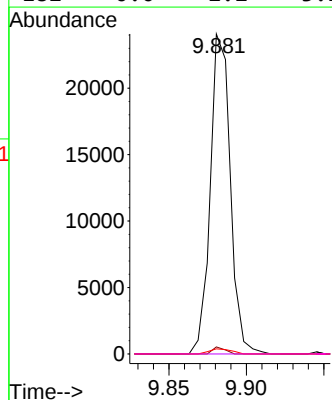
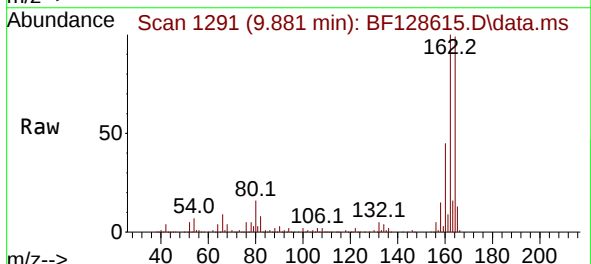
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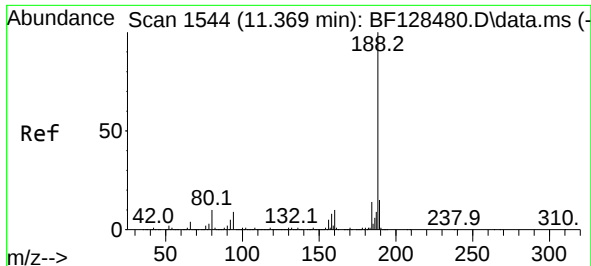
Tgt Ion:165 Resp: 21645
Ion Ratio Lower Upper
165 100
63 2.2 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.679 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.188 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

Tgt Ion:165 Resp: 21645
Ion Ratio Lower Upper
165 100
63 2.2 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

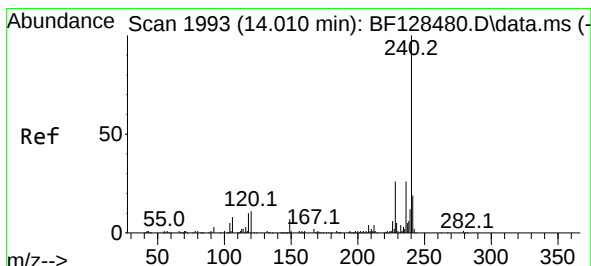
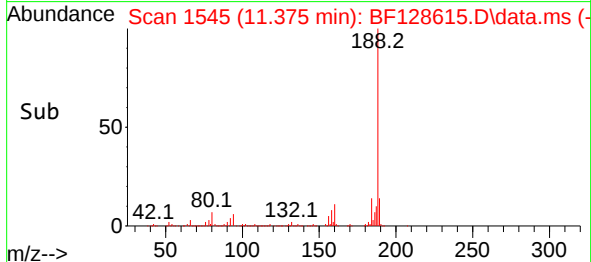
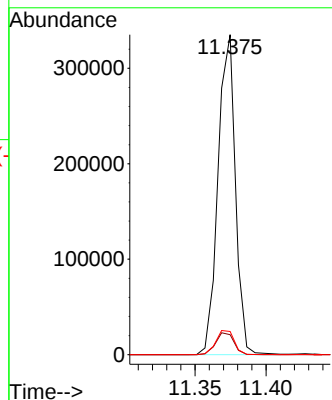
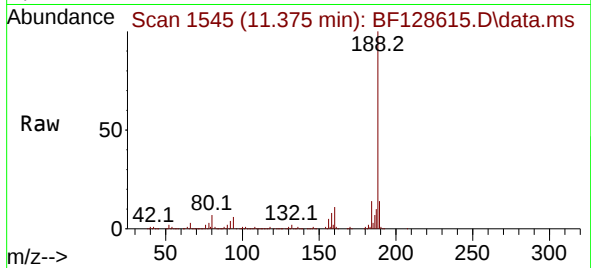




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

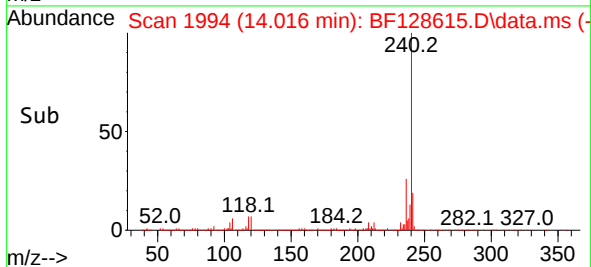
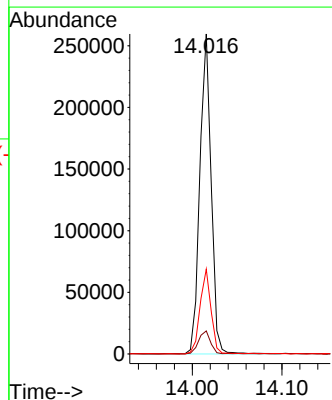
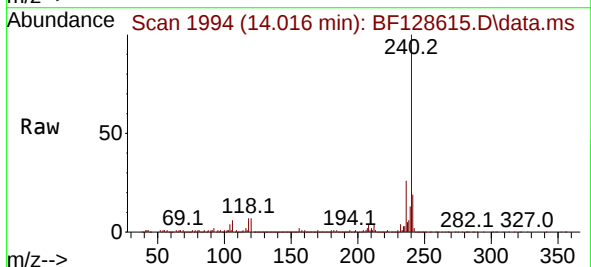
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BNA_F
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P043-SS001-0006-01

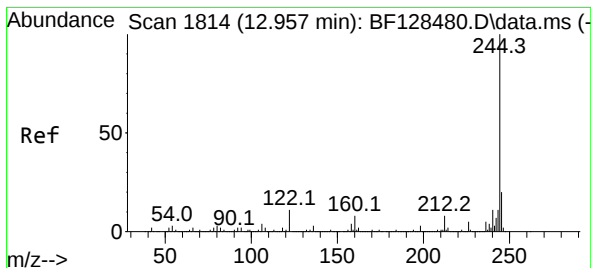
Tgt Ion:188 Resp: 284921
Ion Ratio Lower Upper
188 100
94 6.3 7.0 10.6#
80 7.3 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128615.D
Acq: 01 Jun 2022 01:36

Tgt Ion:240 Resp: 227144
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 11.502 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF128615.D

Acq: 01 Jun 2022 01:36

Instrument :

BNA_F

ClientSampleId :

P043-SS001-0006-01

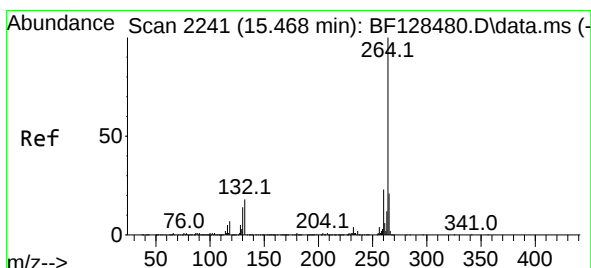
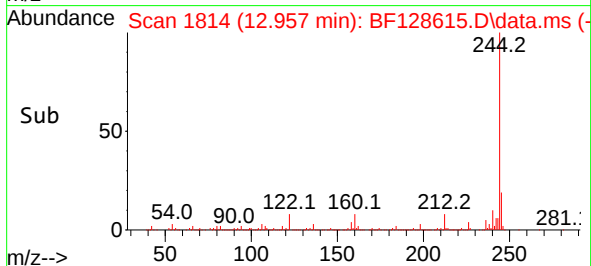
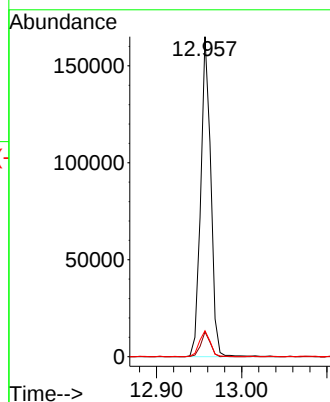
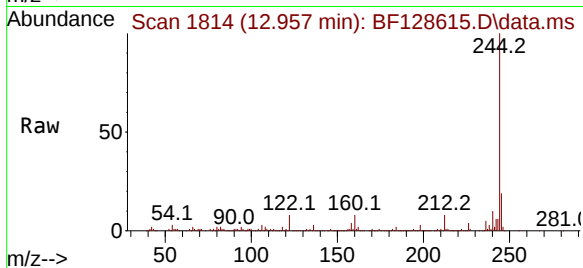
Tgt Ion:244 Resp: 135230

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 8.1 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2244

Delta R.T. 0.018 min

Lab File: BF128615.D

Acq: 01 Jun 2022 01:36

Tgt Ion:264 Resp: 175199

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.3 17.2 25.8

