

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128421.D
 Acq On : 24 May 2022 01:35
 Operator : CG\JU
 Sample : N2873-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-0006-01

Quant Time: May 24 02:38:04 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)

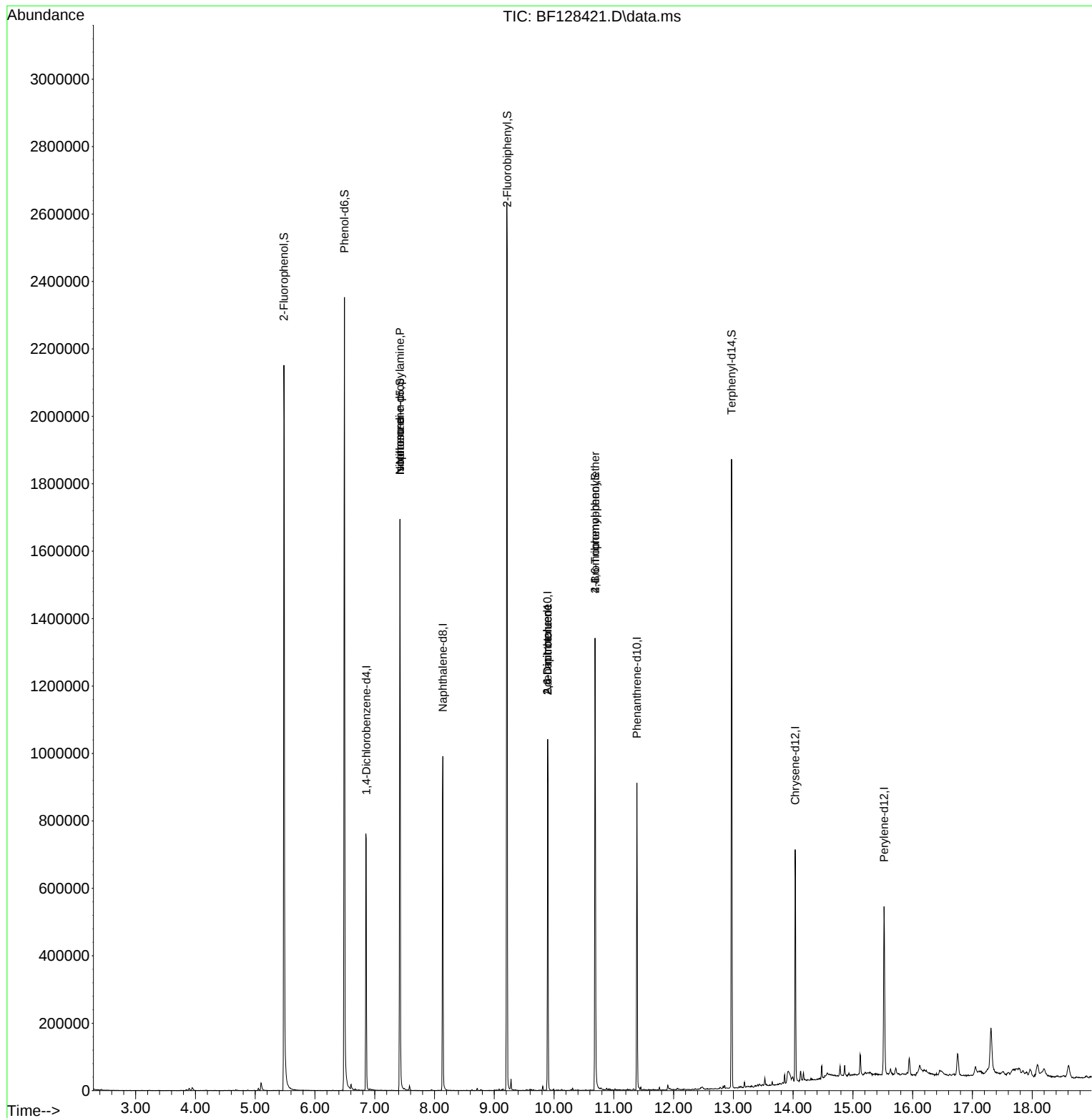
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117224	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	434377	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	215526	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	313951	20.000	ng	0.00
76) Chrysene-d12	14.033	240	244581	20.000	ng	#-0.02
86) Perylene-d12	15.521	264	236488	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	620538	84.241	ng	0.00
7) Phenol-d6	6.493	99	791397	81.589	ng	0.00
23) Nitrobenzene-d5	7.422	82	549545	56.684	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	157797	70.993	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	838180	63.598	ng	0.00
79) Terphenyl-d14	12.969	244	644445	50.864	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	1366	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	72607	12.516	ng	# 80
25) Isophorone	7.422	82	549541	36.989	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	28325	9.433	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	28325	7.487	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	9467	2.881	ng	# 1

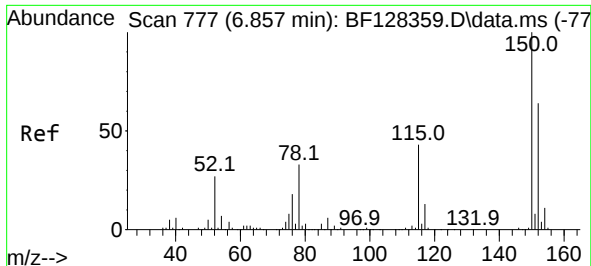
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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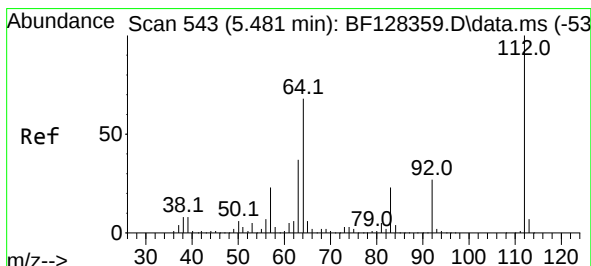
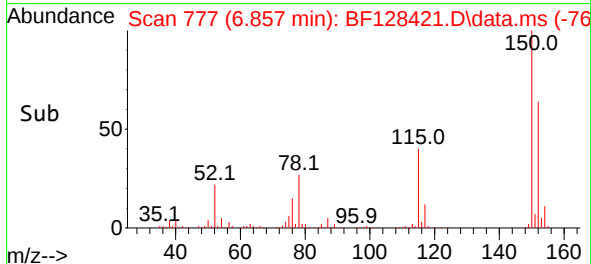
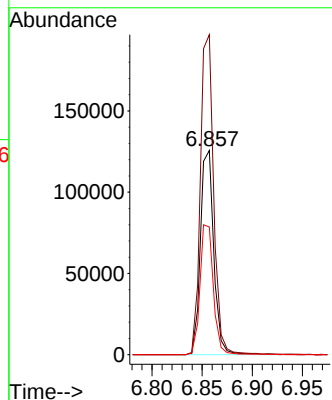
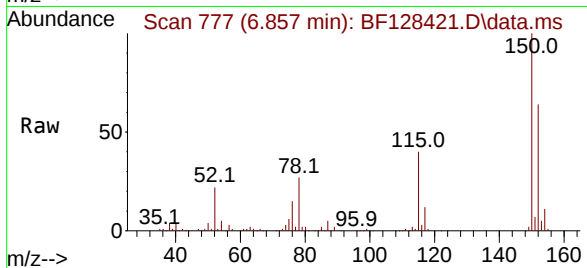




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

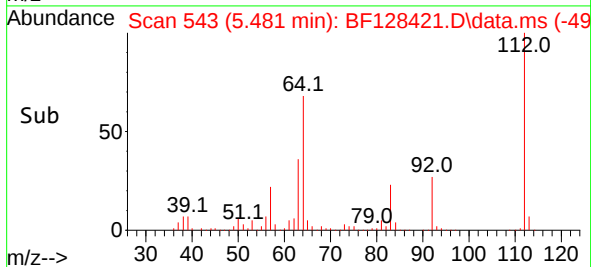
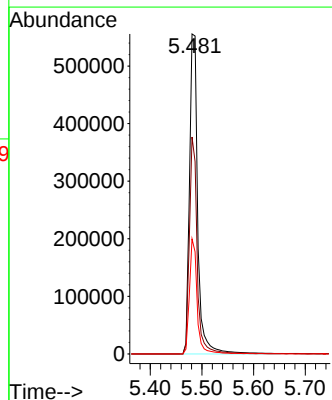
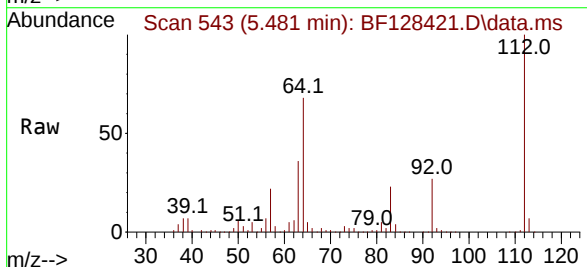
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

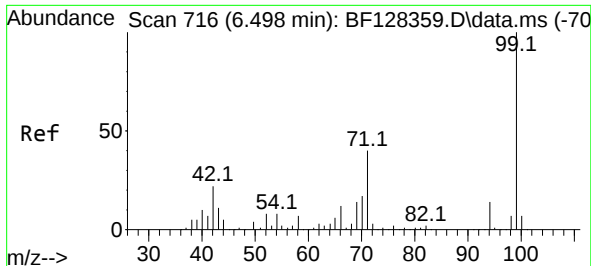
Tgt Ion:152 Resp: 117224
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.5 48.8 73.2



#5
2-Fluorophenol
Concen: 84.241 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion:112 Resp: 620538
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 35.9 26.3 39.5

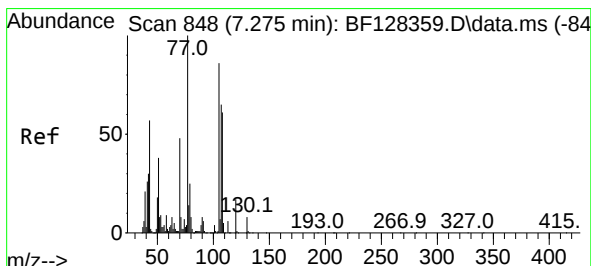
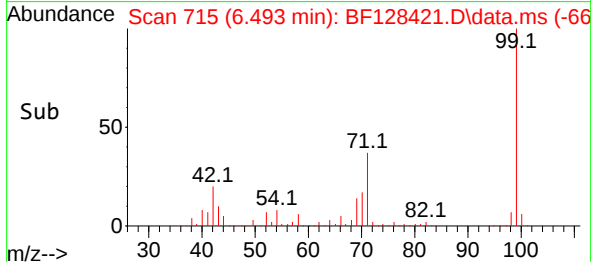
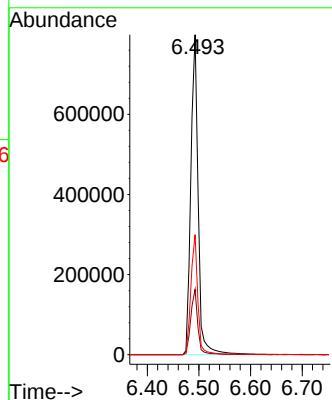
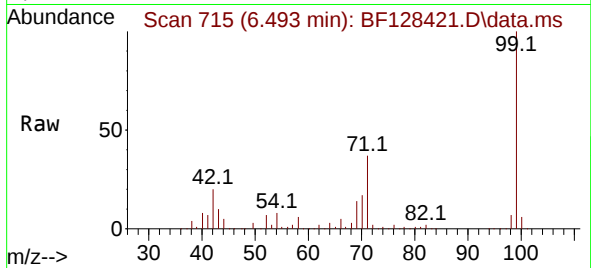




#7
Phenol-d6
Concen: 81.589 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

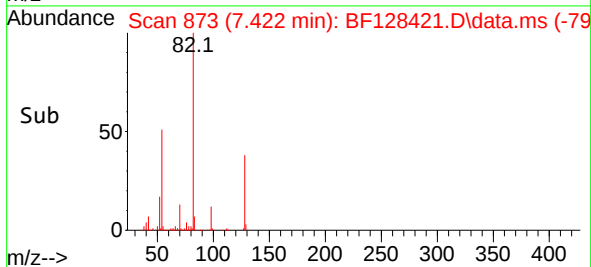
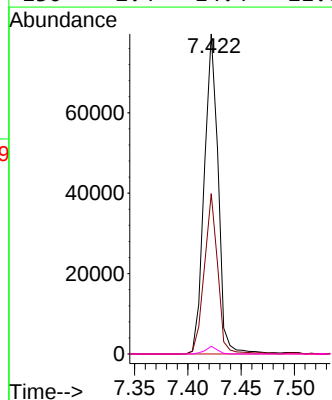
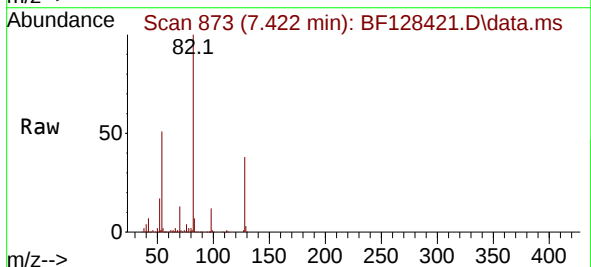
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

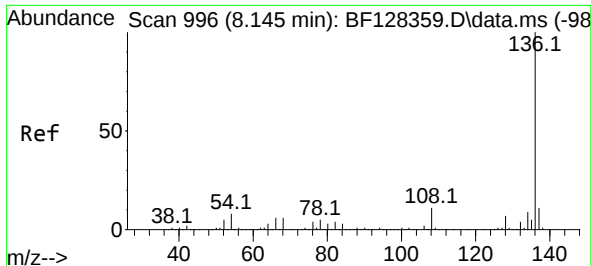
Tgt Ion: 99 Resp: 791397
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.516 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion: 70 Resp: 72607
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 2.4 14.4 21.6#



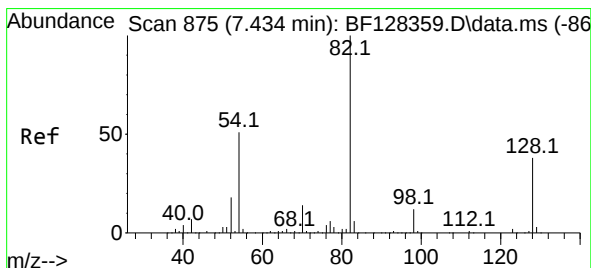
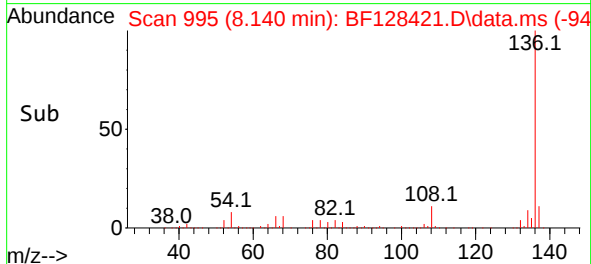
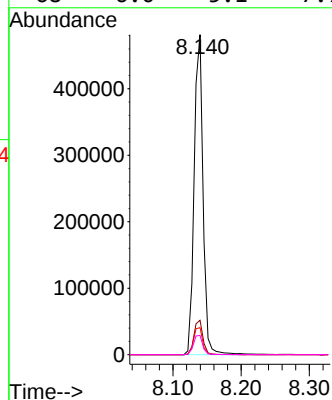
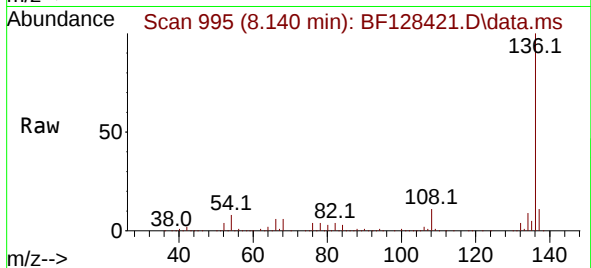


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

Tgt Ion:136 Resp: 434377

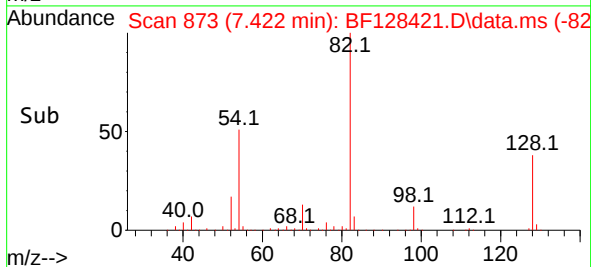
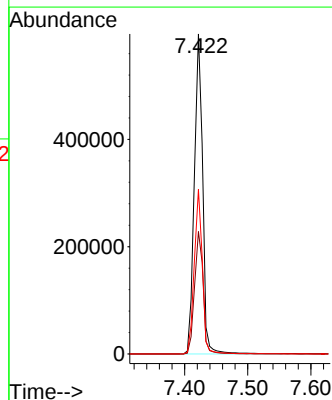
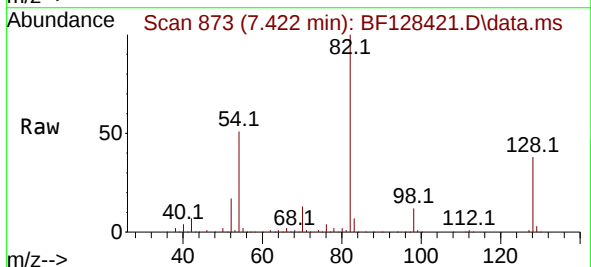
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 56.684 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion: 82 Resp: 549545

Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.0	45.0
54	51.4	41.3	61.9

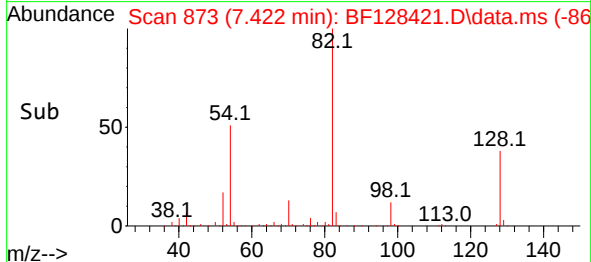
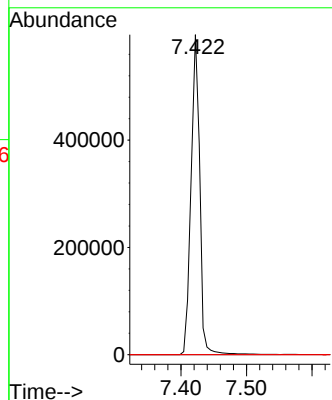
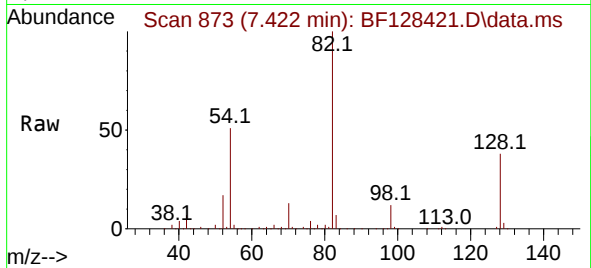




#25
Isophorone
Concen: 36.989 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

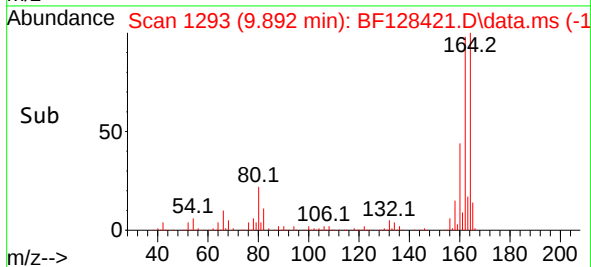
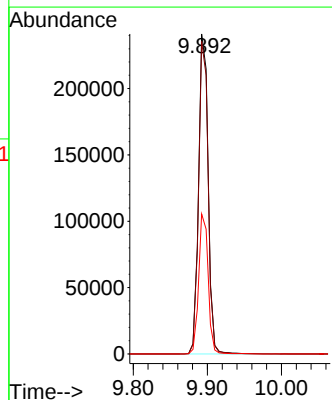
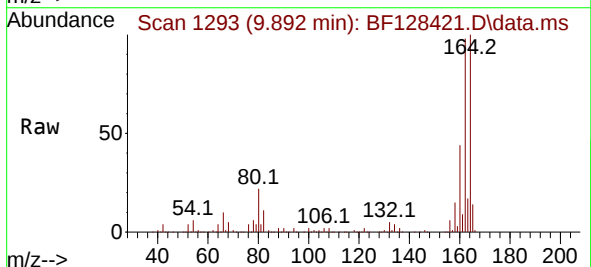
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

Tgt Ion: 82 Resp: 549541
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: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion: 164 Resp: 215526
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 70.993 ng

RT: 10.686 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128421.D

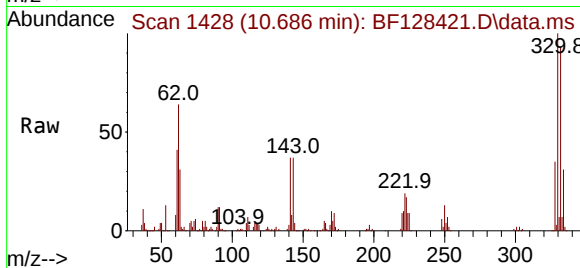
Acq: 24 May 2022 01:35

Instrument :

BNA_F

ClientSampleId :

P032-SS001-0006-01



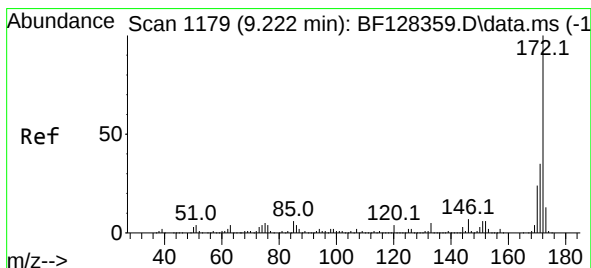
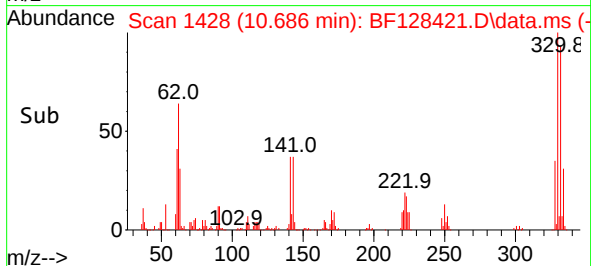
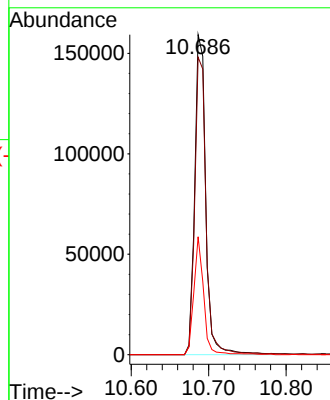
Tgt Ion:330 Resp: 157797

Ion Ratio Lower Upper

330 100

332 94.9 79.0 118.4

141 32.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.598 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128421.D

Acq: 24 May 2022 01:35

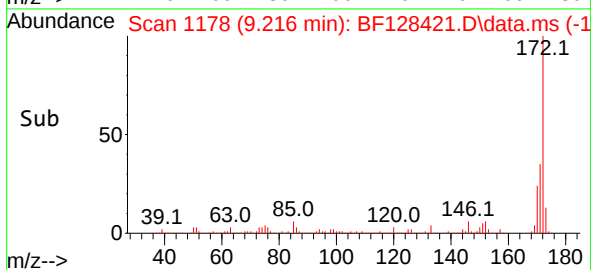
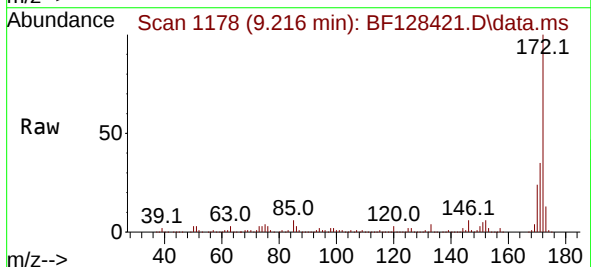
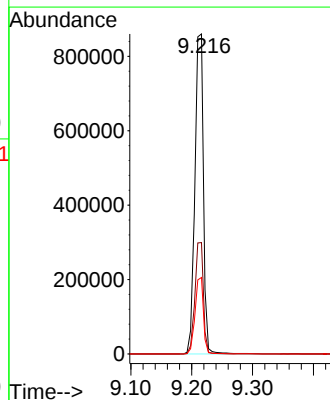
Tgt Ion:172 Resp: 838180

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.433 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128421.D

Acq: 24 May 2022 01:35

Instrument :

BNA_F

ClientSampleId :

P032-SS001-0006-01

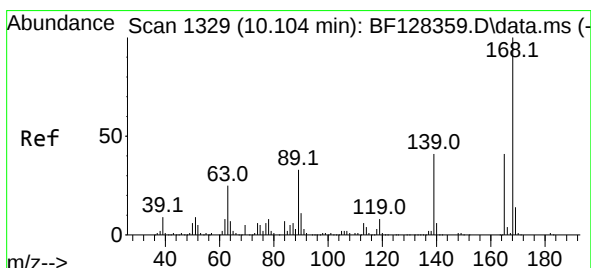
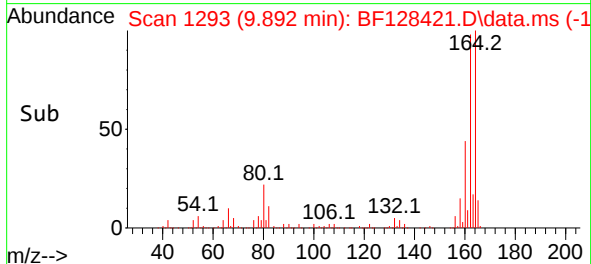
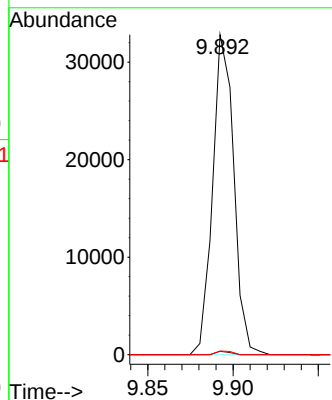
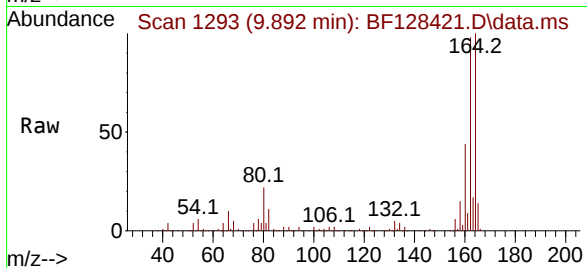
Tgt Ion:165 Resp: 28325

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: 7.487 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128421.D

Acq: 24 May 2022 01:35

Tgt Ion:165 Resp: 28325

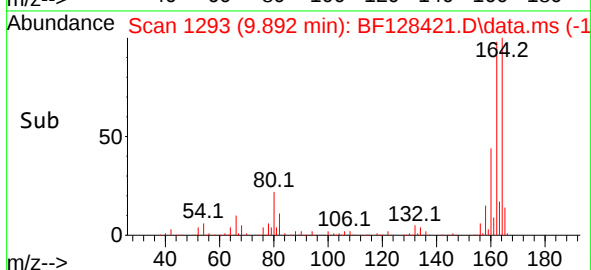
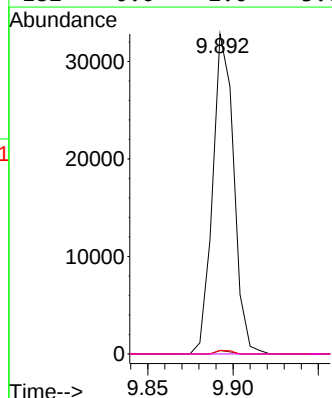
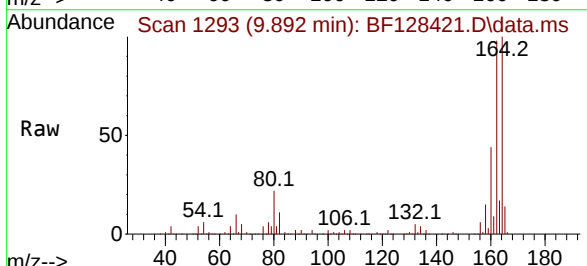
Ion Ratio Lower Upper

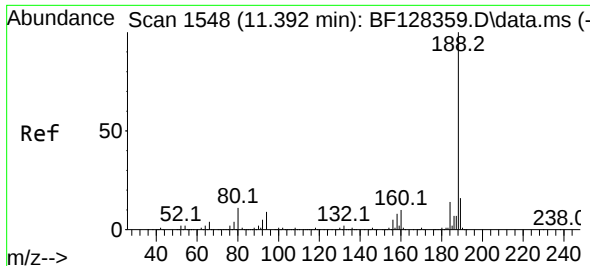
165 100

63 1.1 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

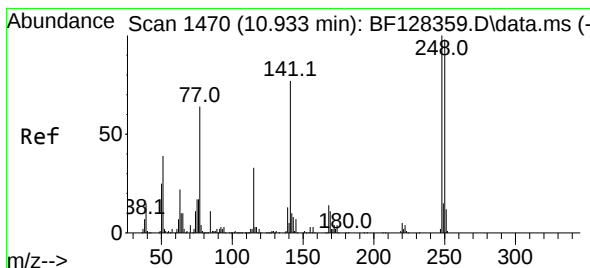
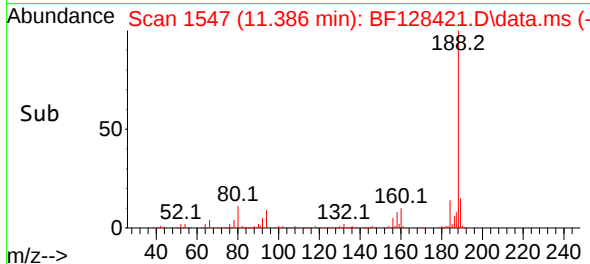
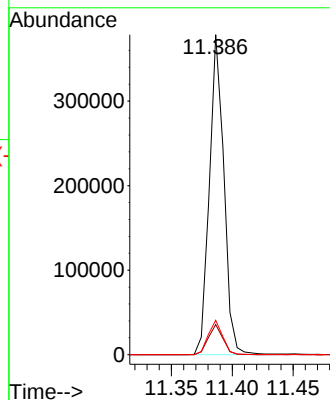
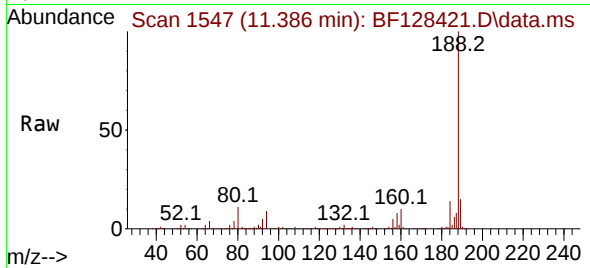




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

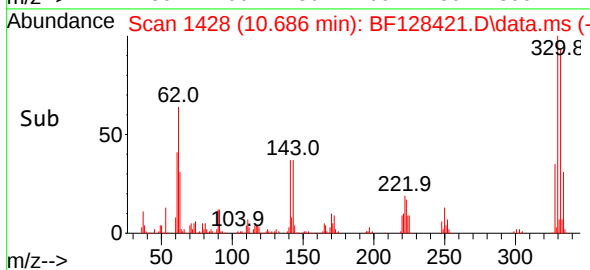
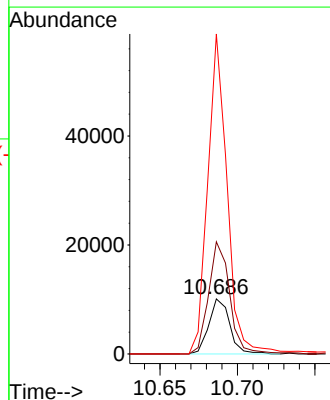
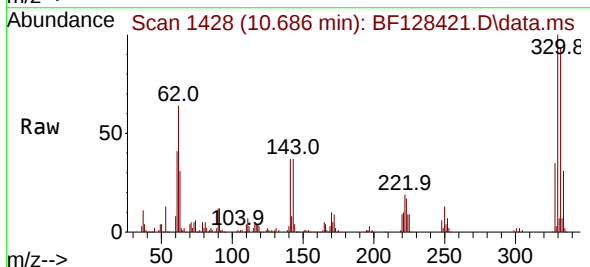
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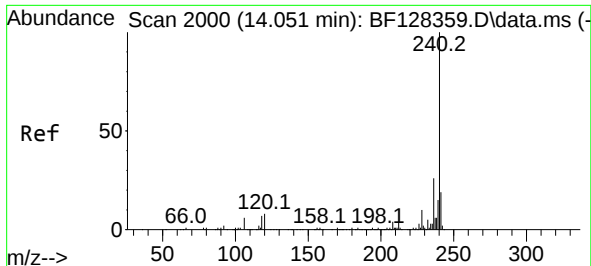
Tgt Ion:188 Resp: 313951
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.881 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion:248 Resp: 9467
Ion Ratio Lower Upper
248 100
250 203.9 77.7 116.5#
141 581.7 65.6 98.4#

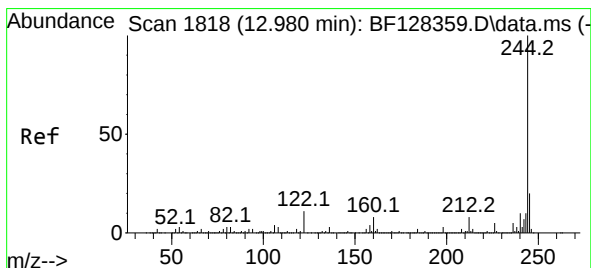
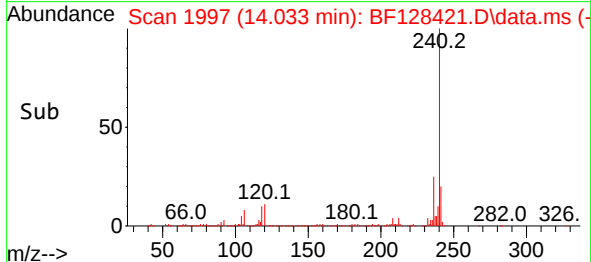
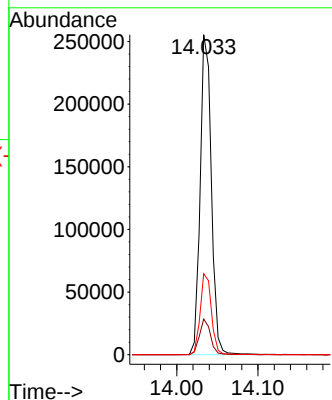
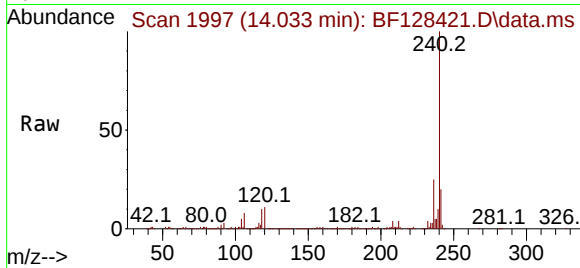




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.018 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

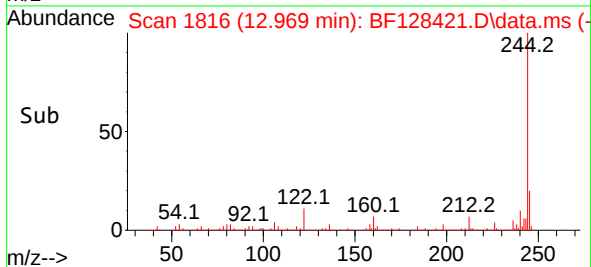
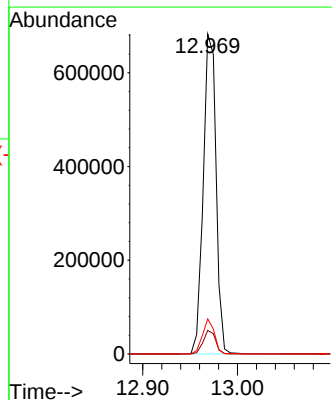
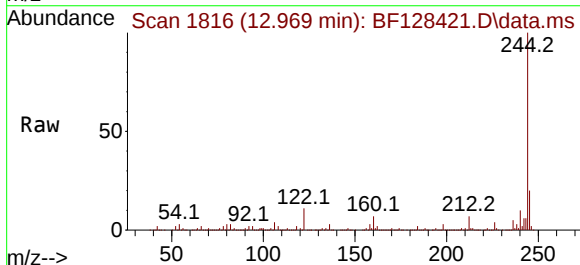
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

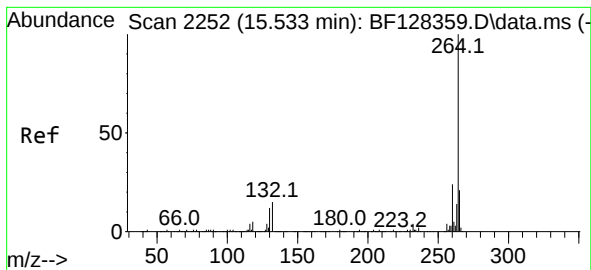
Tgt Ion:240 Resp: 244581
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 50.864 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion:244 Resp: 644445
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 11.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128421.D

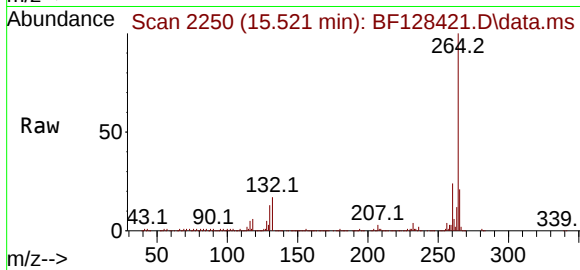
Acq: 24 May 2022 01:35

Instrument :

BNA_F

ClientSampleId :

P032-SS001-0006-01



Tgt Ion:264 Resp: 236488

Ion Ratio Lower Upper

264 100

260 23.5 20.1 30.1

265 21.0 17.5 26.3

