

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128470.D
 Acq On : 25 May 2022 20:19
 Operator : CG\JU
 Sample : N2897-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0612-01

Quant Time: May 26 01:01:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

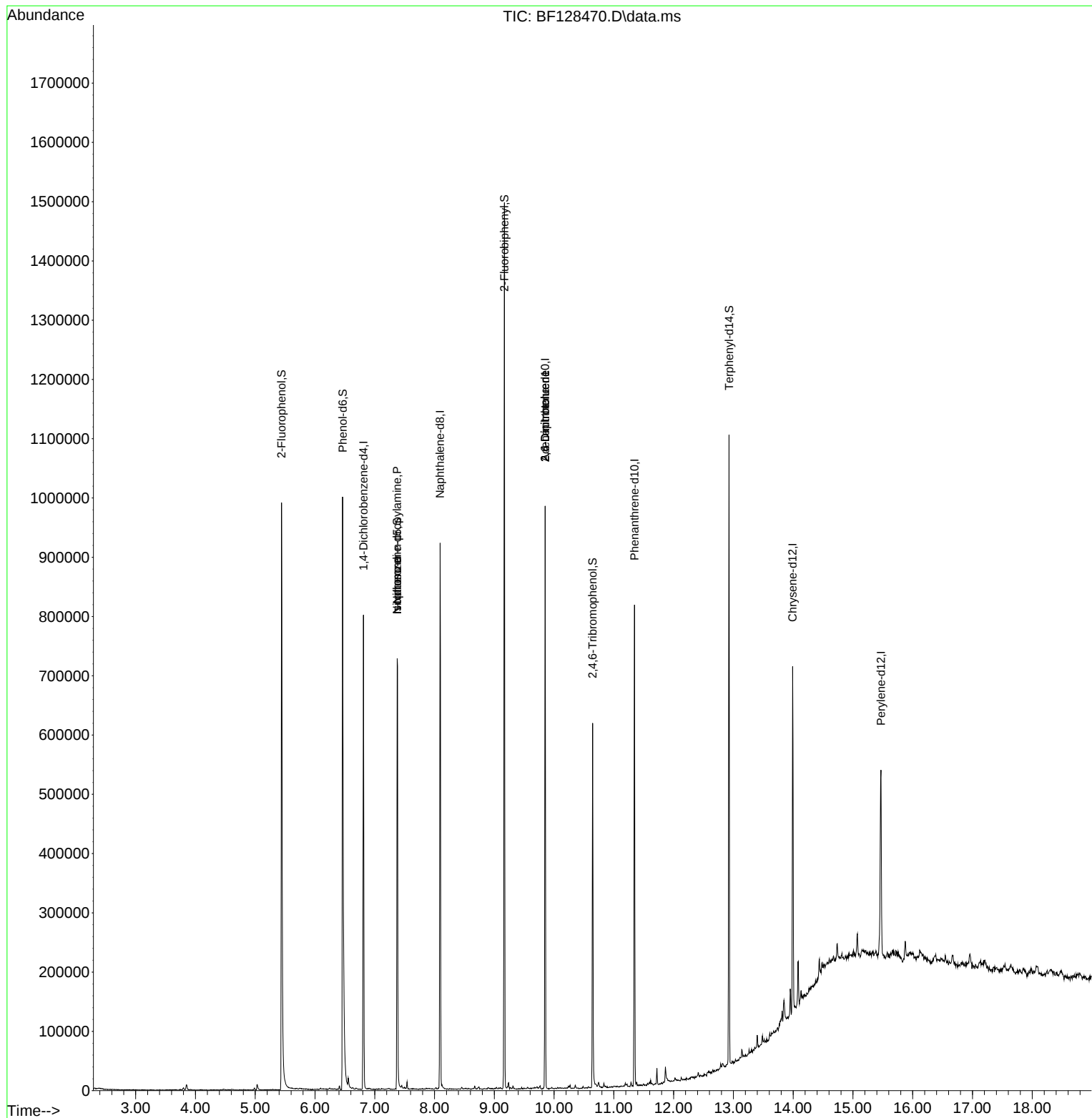
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	106213	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	372526	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	181561	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	276445	20.000	ng	0.00
76) Chrysene-d12	13.992	240	196503	20.000	ng	0.00
86) Perylene-d12	15.468	264	150670	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	304649	45.645	ng	0.00
7) Phenol-d6	6.463	99	387414	44.081	ng	0.00
23) Nitrobenzene-d5	7.375	82	249918	30.059	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	68059	36.348	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	400267	36.052	ng	0.00
79) Terphenyl-d14	12.927	244	329291	32.349	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	54	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	32248	6.135 ng	#	81
25) Isophorone	7.375	82	249943	19.616 ng	#	68
51) 2,6-Dinitrotoluene	9.851	165	23757	9.392 ng	#	22
57) 2,4-Dinitrotoluene	9.851	165	23757	7.455 ng	#	26

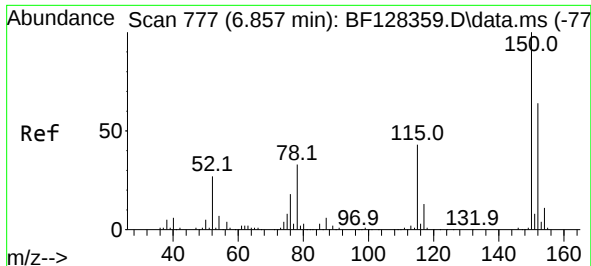
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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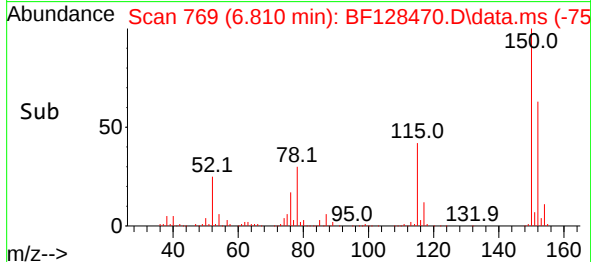
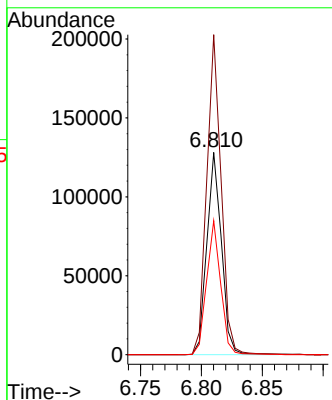
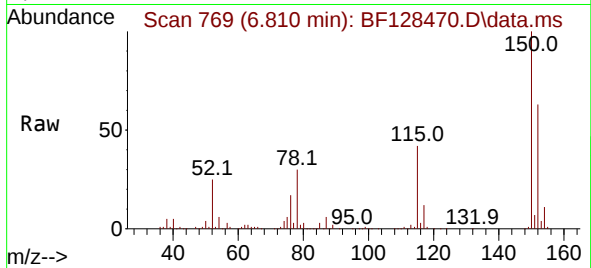




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF128470.D
 Acq: 25 May 2022 20:19

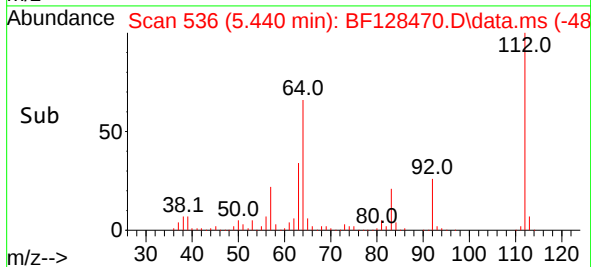
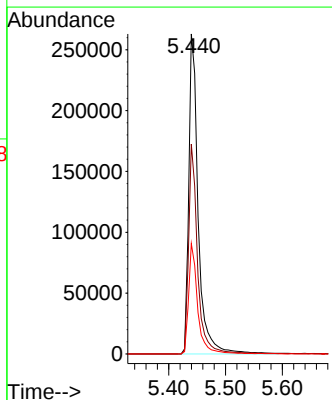
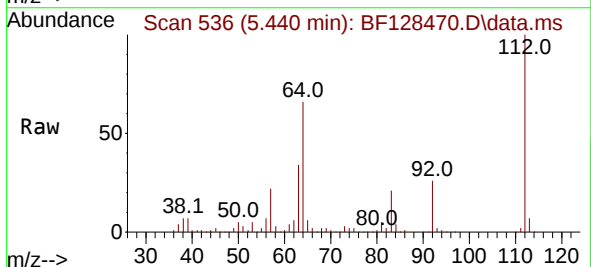
Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0612-01

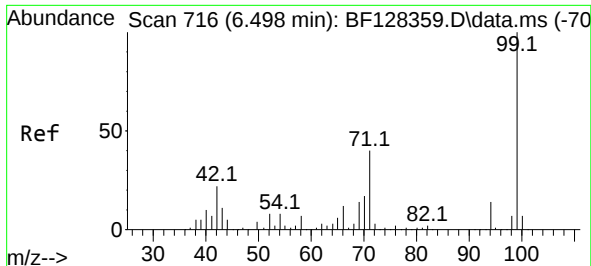
Tgt Ion:152 Resp: 106213
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 66.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 45.645 ng
 RT: 5.440 min Scan# 536
 Delta R.T. 0.006 min
 Lab File: BF128470.D
 Acq: 25 May 2022 20:19

Tgt Ion:112 Resp: 304649
 Ion Ratio Lower Upper
 112 100
 64 65.6 49.5 74.3
 63 34.5 26.3 39.5

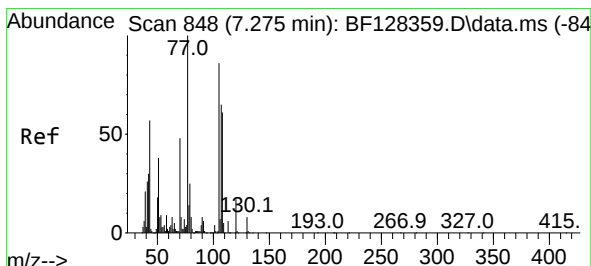
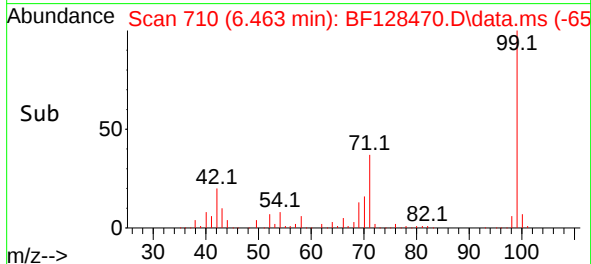
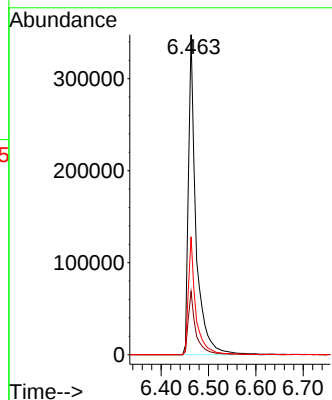
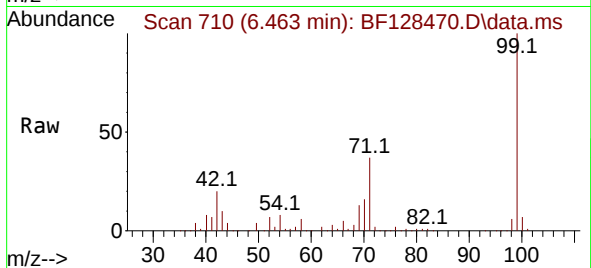




#7
Phenol-d6
Concen: 44.081 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

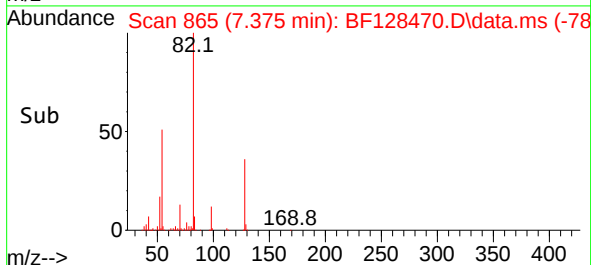
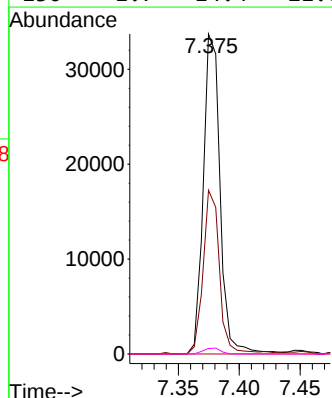
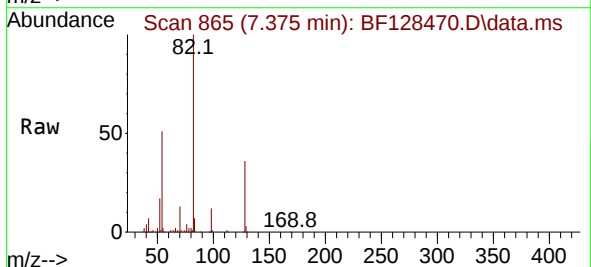
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0612-01

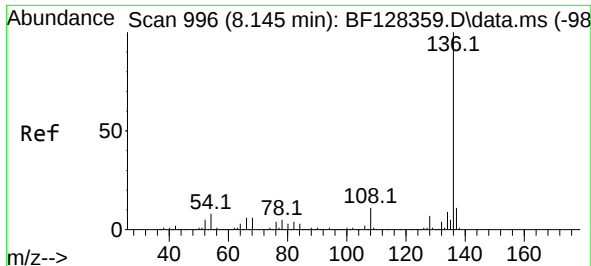
Tgt Ion: 99 Resp: 387414
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 36.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.135 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

Tgt Ion: 70 Resp: 32248
Ion Ratio Lower Upper
70 100
42 51.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

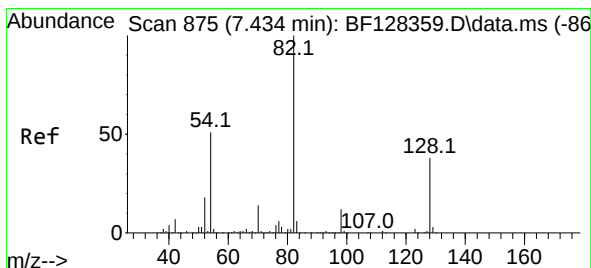
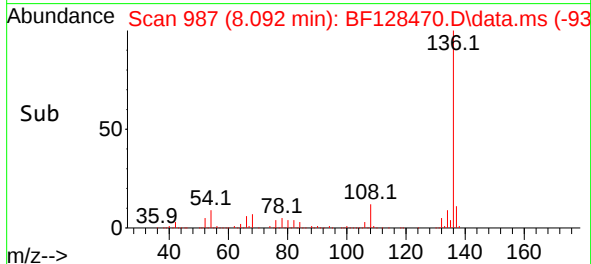
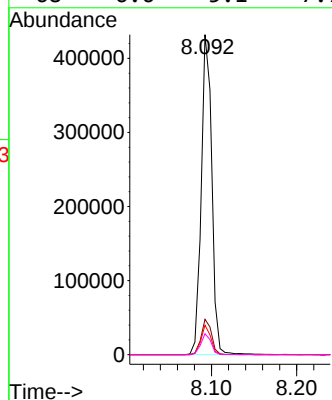
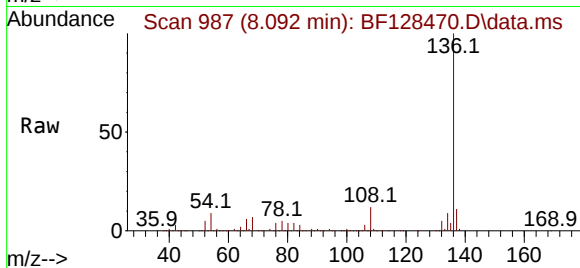




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

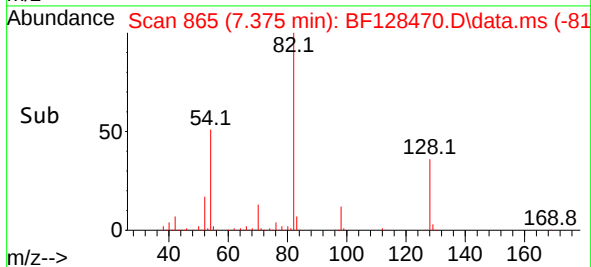
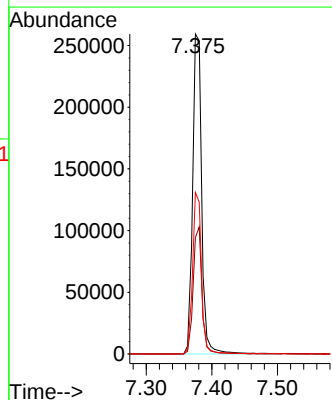
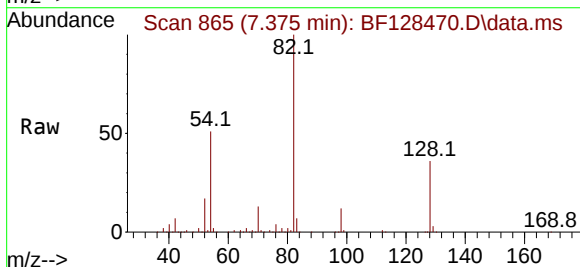
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0612-01

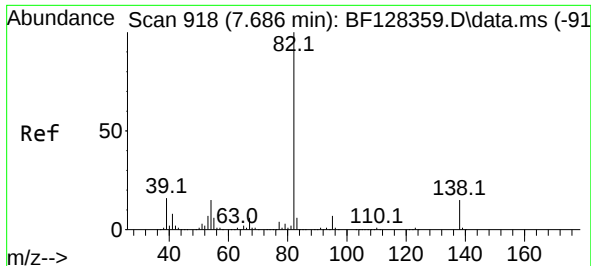
Tgt Ion:	136	Resp:	372526
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.2	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 30.059 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

Tgt Ion:	82	Resp:	249918
Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	50.5	41.3	61.9

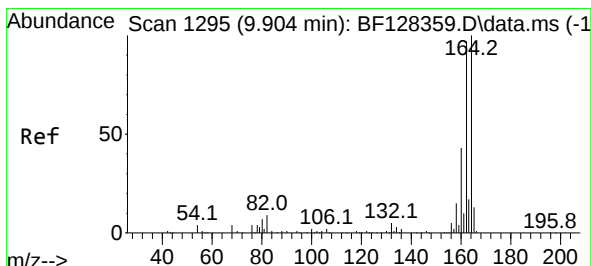
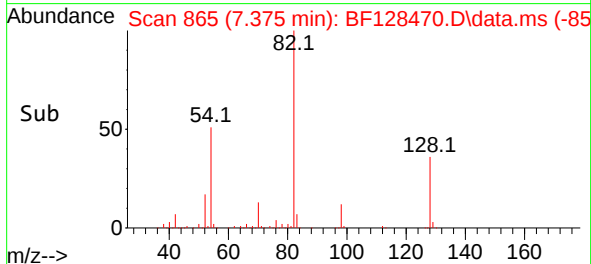
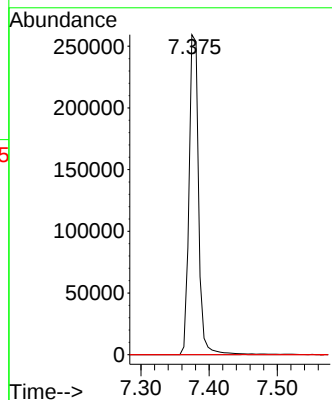
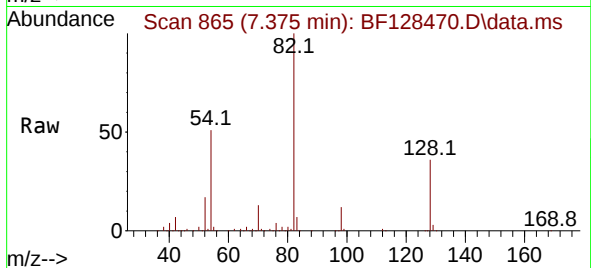




#25
Isophorone
Concen: 19.616 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

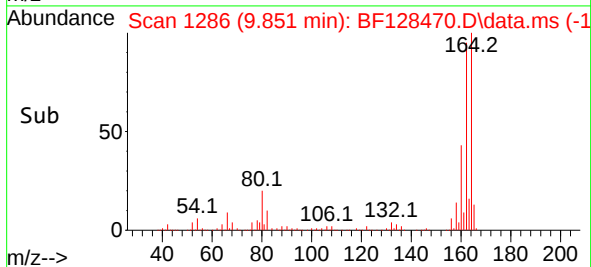
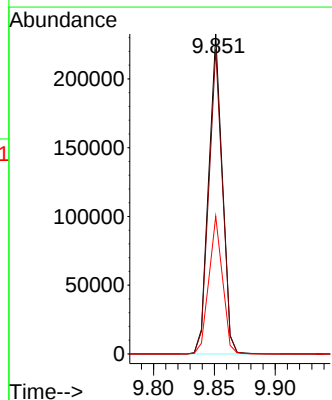
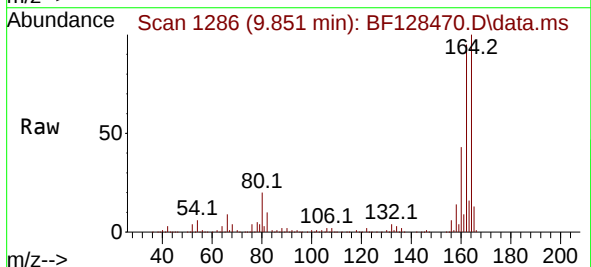
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0612-01

Tgt Ion: 82 Resp: 249943
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: 9.851 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

Tgt Ion: 164 Resp: 181561
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 36.348 ng

RT: 10.645 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF128470.D

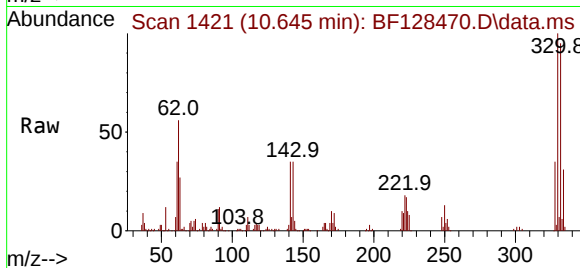
Acq: 25 May 2022 20:19

Instrument :

BNA_F

ClientSampleId :

P041-SS001-0612-01



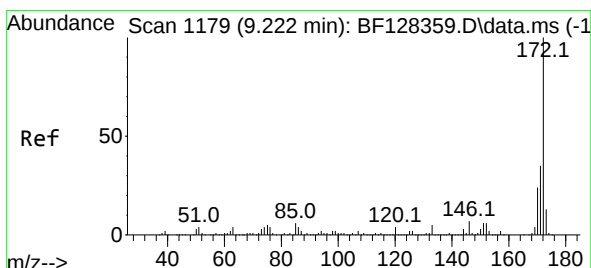
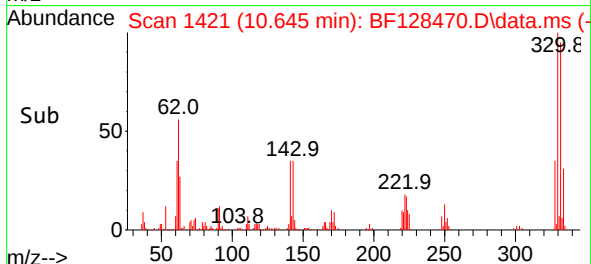
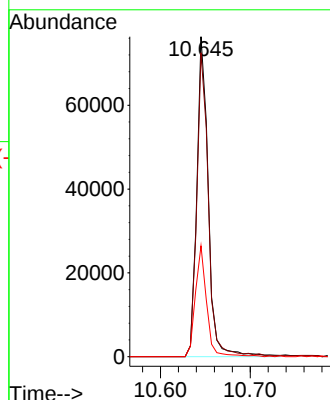
Tgt Ion:330 Resp: 68059

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

141 33.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 36.052 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128470.D

Acq: 25 May 2022 20:19

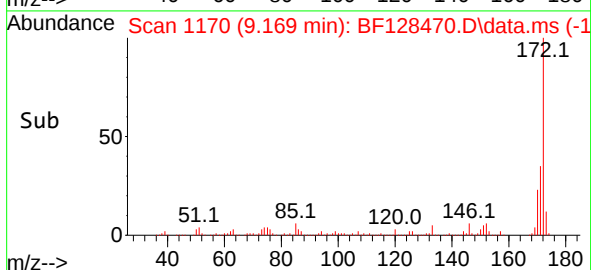
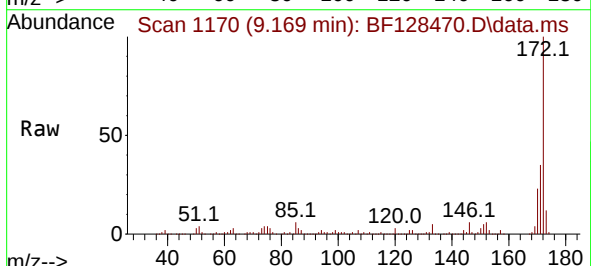
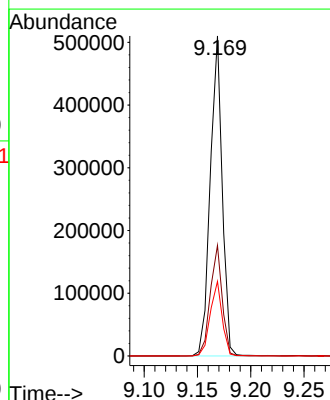
Tgt Ion:172 Resp: 400267

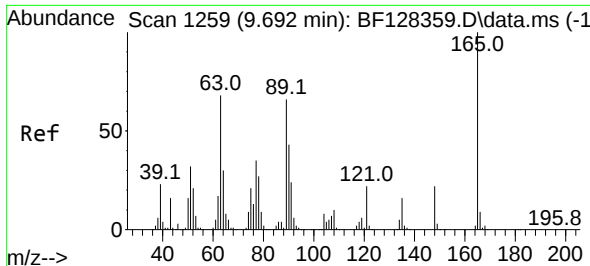
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.3 19.1 28.7

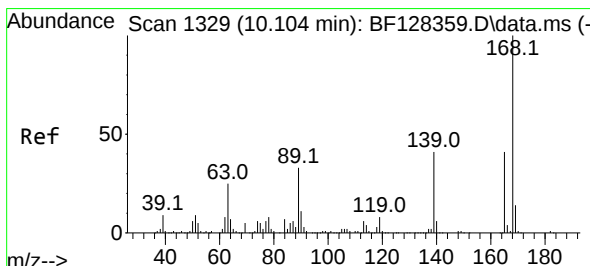
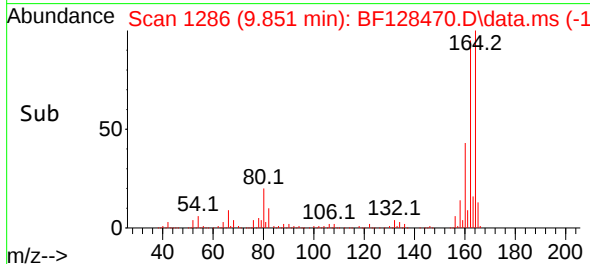
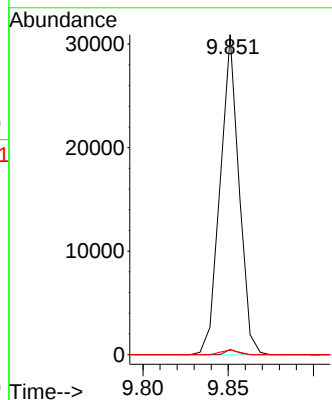
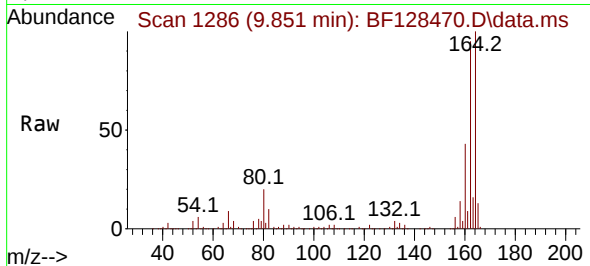




#51
2,6-Dinitrotoluene
Concen: 9.392 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

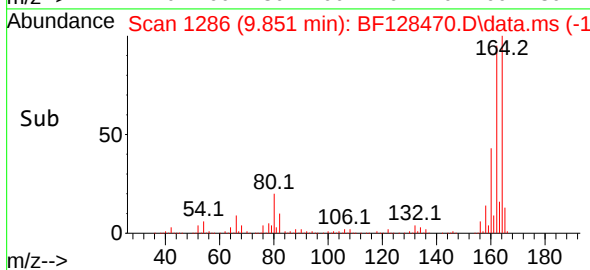
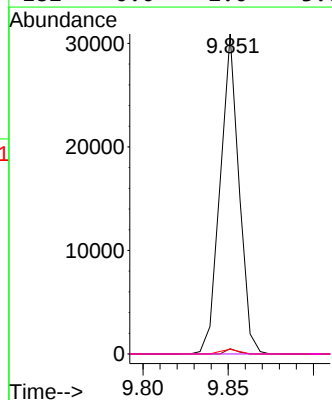
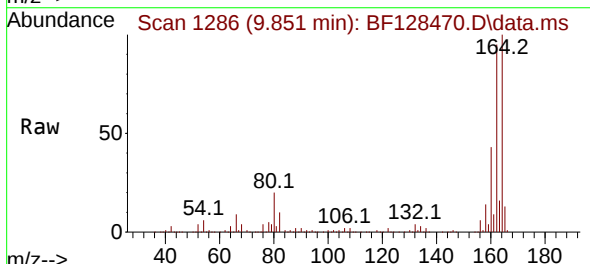
Instrument :
BNA_F
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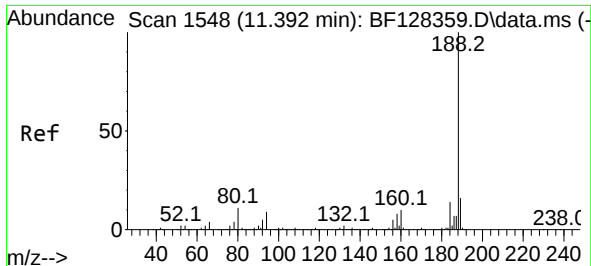
Tgt Ion:165 Resp: 23757
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.455 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.200 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

Tgt Ion:165 Resp: 23757
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

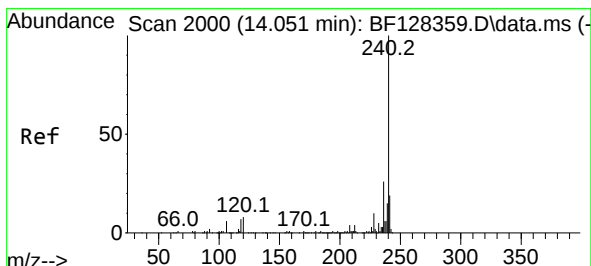
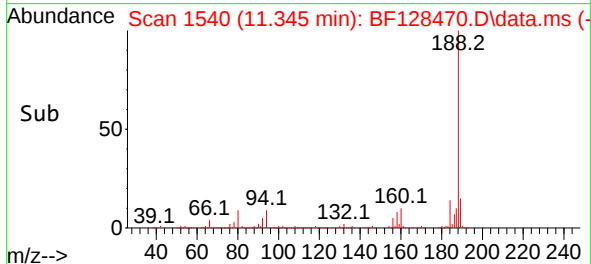
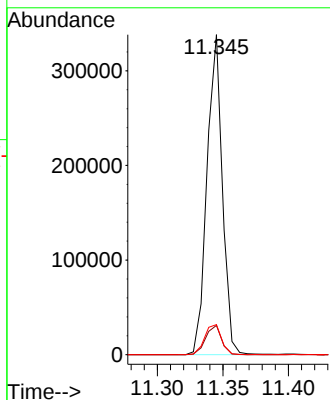
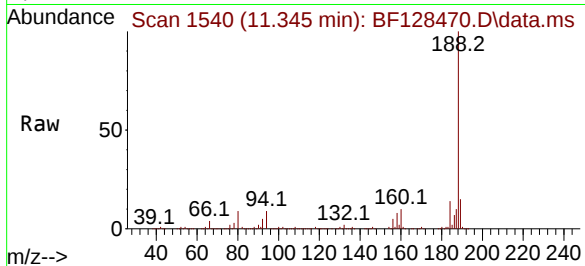




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

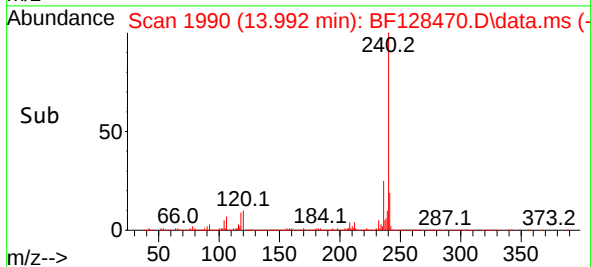
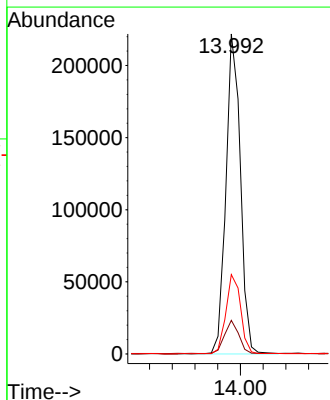
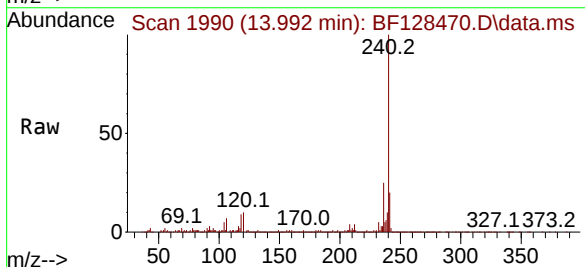
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P041-SS001-0612-01

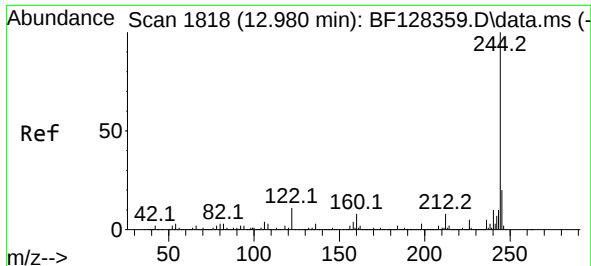
Tgt Ion:188 Resp: 276445
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF128470.D
Acq: 25 May 2022 20:19

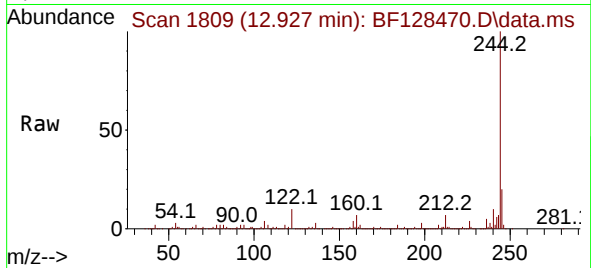
Tgt Ion:240 Resp: 196503
Ion Ratio Lower Upper
240 100
120 10.5 7.0 10.6
236 24.8 20.3 30.5



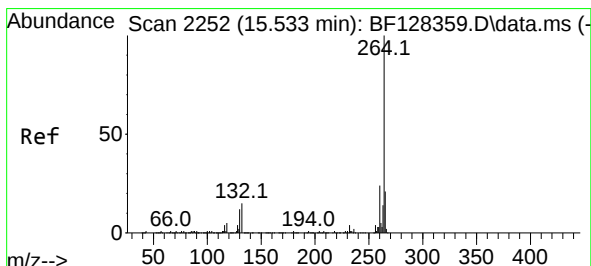
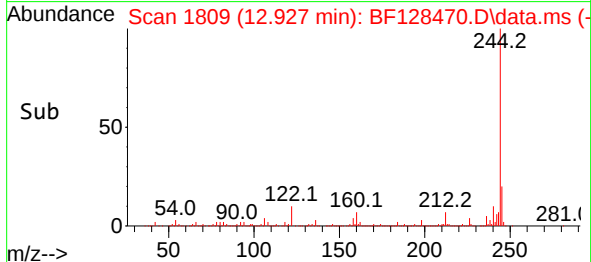
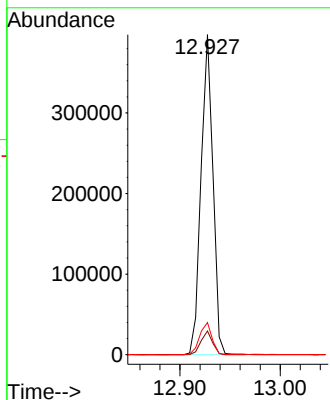


#79
 Terphenyl-d14
 Concen: 32.349 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF128470.D
 Acq: 25 May 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0612-01



Tgt Ion:244 Resp: 329291
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.012 min
 Lab File: BF128470.D
 Acq: 25 May 2022 20:19

Tgt Ion:264 Resp: 150670
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.2 17.5 26.3

