

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128573.D
 Acq On : 29 May 2022 16:03
 Operator : CG\JU
 Sample : N2951-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01

Quant Time: May 30 00:51:27 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)

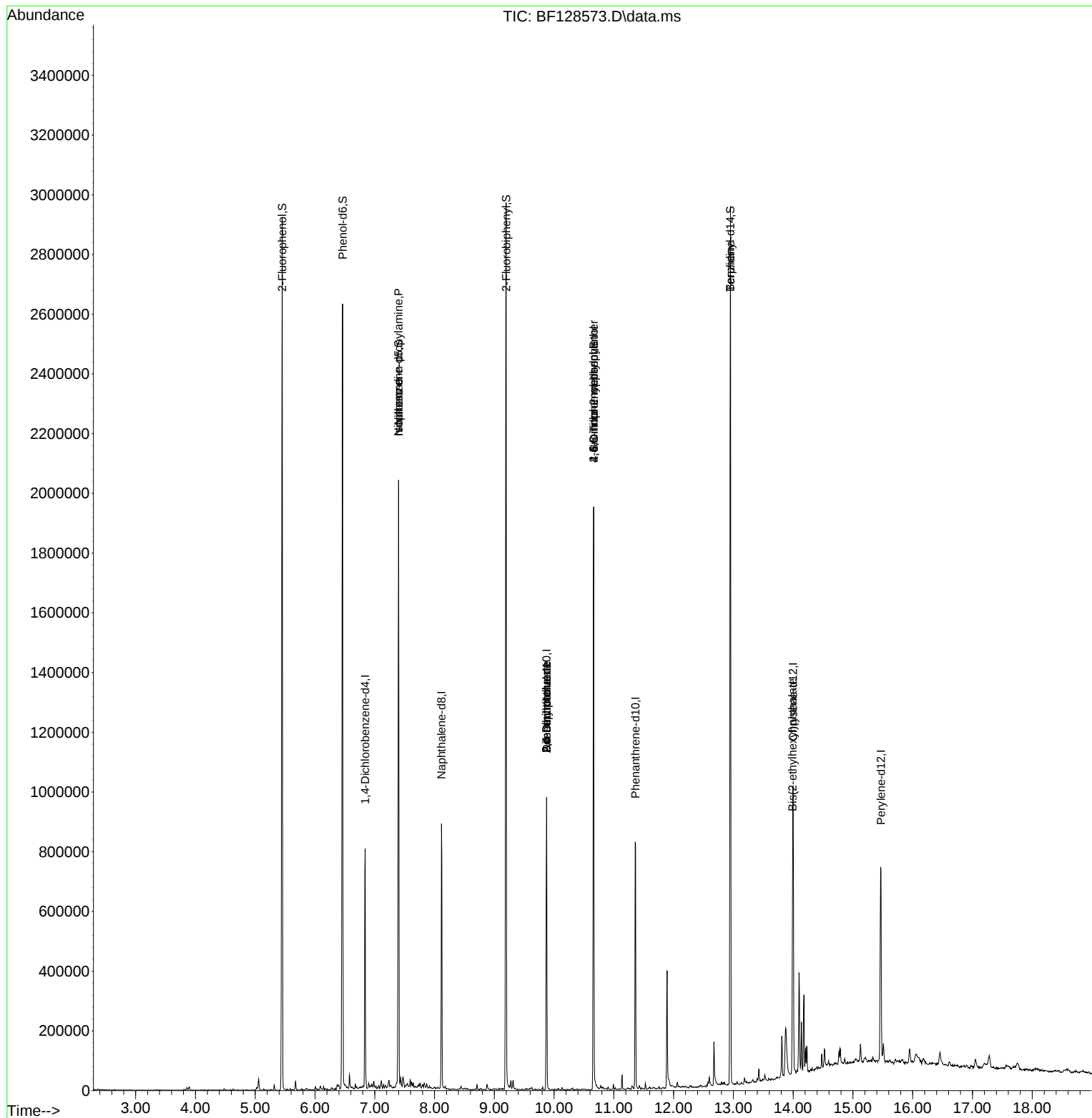
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	108944	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	366563	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	183444	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	320750	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	301796	20.000	ng	-0.01
86) Perylene-d12	15.468	264	313471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	712111	108.271	ng	0.00
7) Phenol-d6	6.463	99	845092	100.774	ng	0.00
23) Nitrobenzene-d5	7.398	82	593569	93.413	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	214467	122.828	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	953276	84.425	ng	0.00
79) Terphenyl-d14	12.951	244	966447	61.867	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	1328	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propyla...	7.398	70	82670	16.078	ng	# 76
25) Isophorone	7.398	82	590701	50.393	ng	# 65
50) Dimethylphthalate	9.875	163	32825	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	23707	10.871	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	23707	9.086	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.663	198	443	5.767	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	14016	4.229	ng	# 1
77) Benzidine	12.951	184	14071	2.021	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.992	149	92590	7.983	ng	99

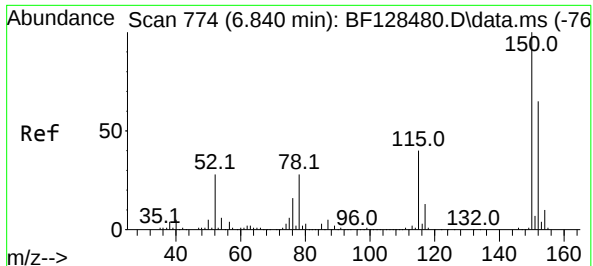
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
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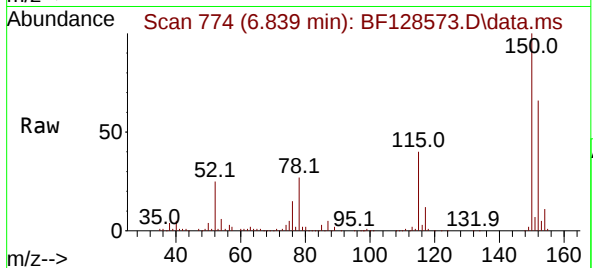
Quant Time: May 30 00:51:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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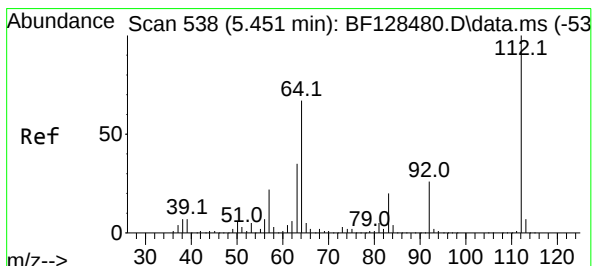
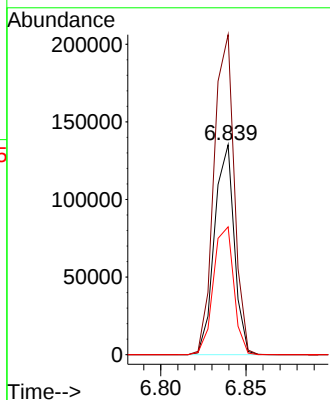
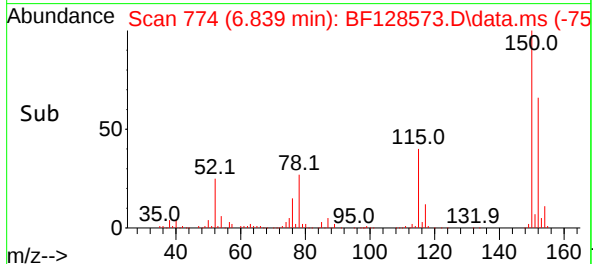


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

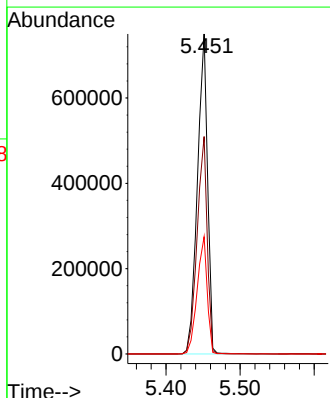
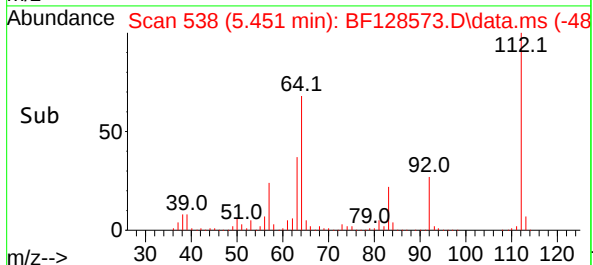
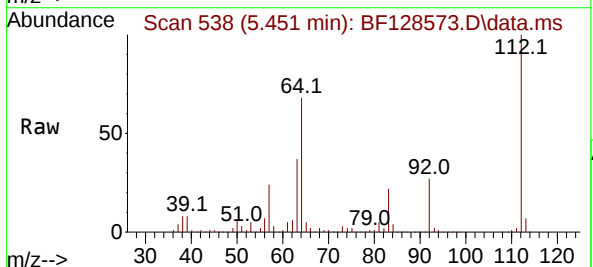


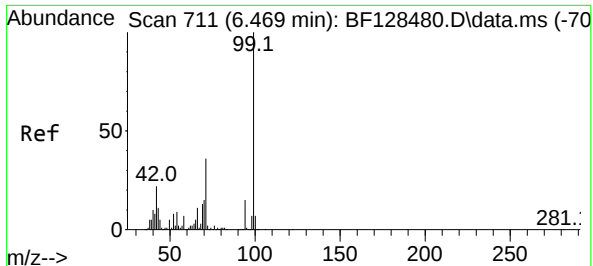
Tgt Ion:152 Resp: 108944
Ion Ratio Lower Upper
152 100
150 152.5 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 108.271 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:112 Resp: 712111
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 36.7 28.0 42.0

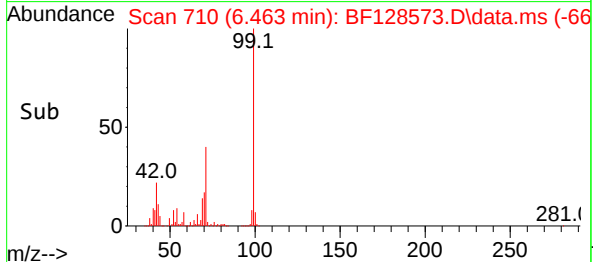
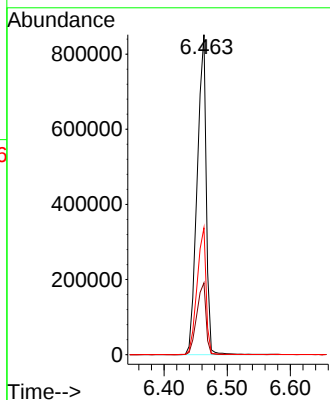
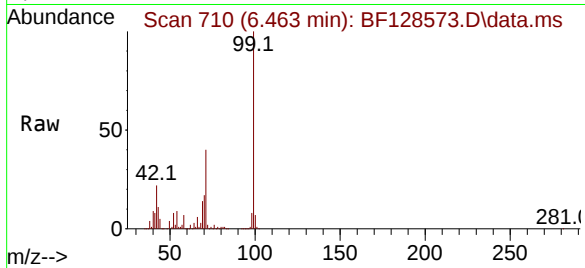




#7
Phenol-d6
Concen: 100.774 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

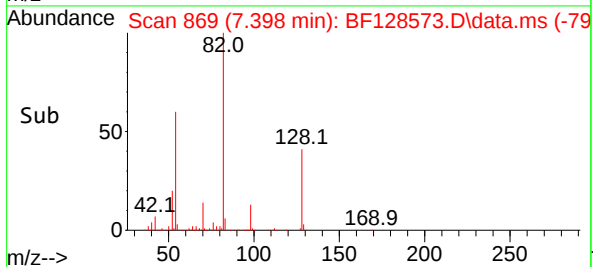
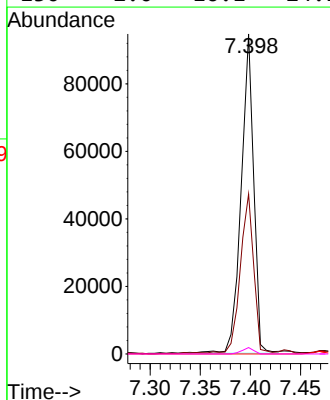
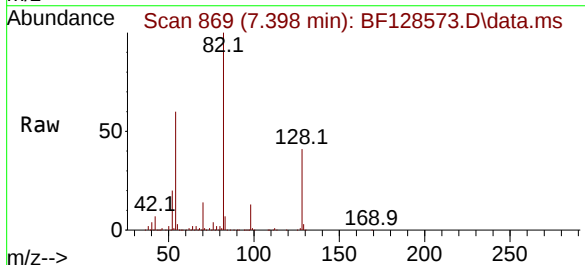
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BNA_F
ClientSampleId :
P036-SS001-0612-01

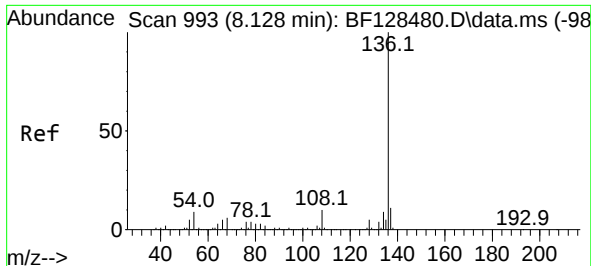
Tgt Ion: 99 Resp: 845092
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 39.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.078 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion: 70 Resp: 82670
Ion Ratio Lower Upper
70 100
42 50.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

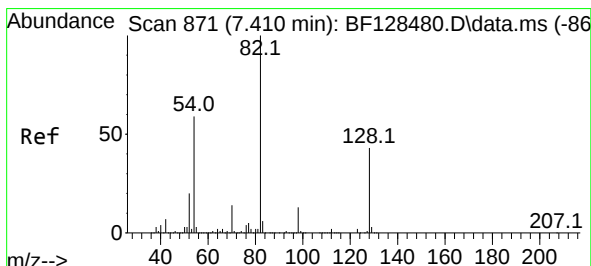
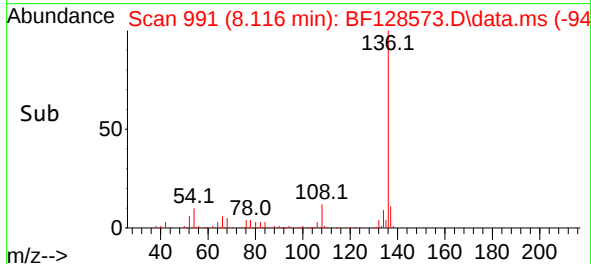
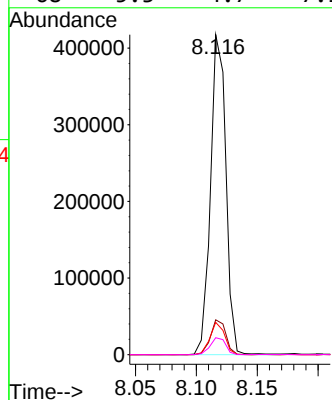
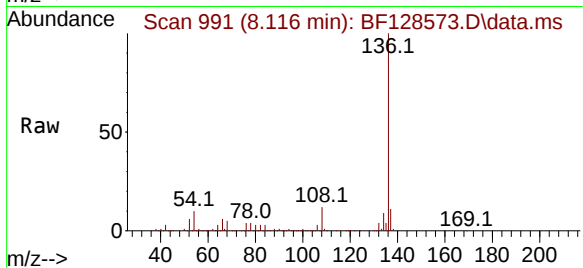




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

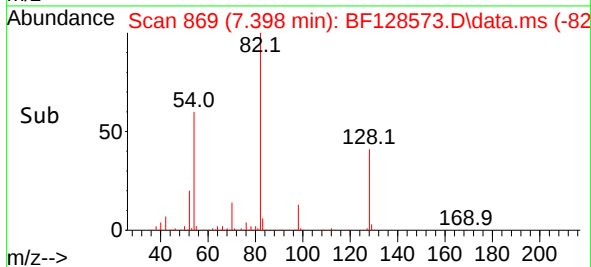
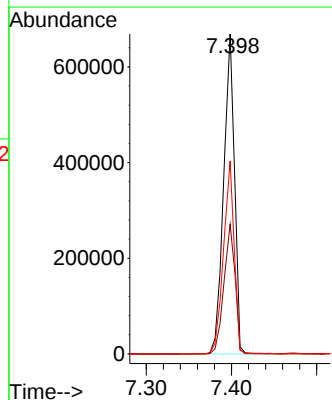
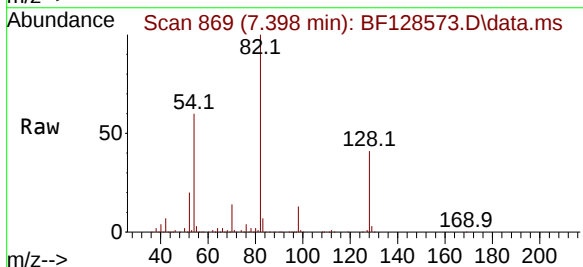
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

Tgt Ion:	136	Resp:	366563
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	7.5	11.3
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 93.413 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:	82	Resp:	593569
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	60.3	46.9	70.3

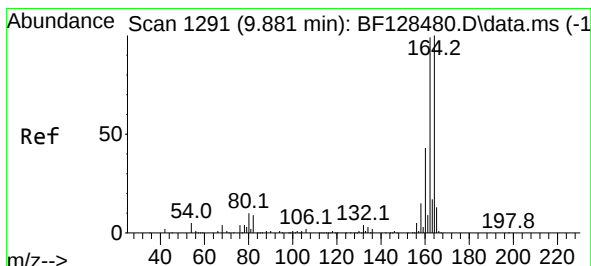
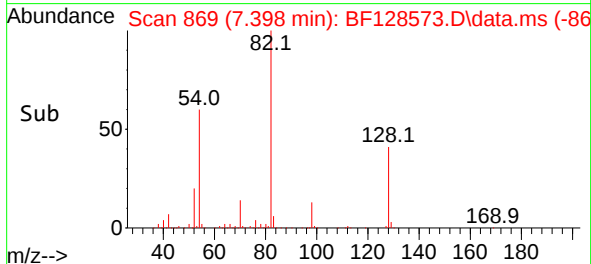
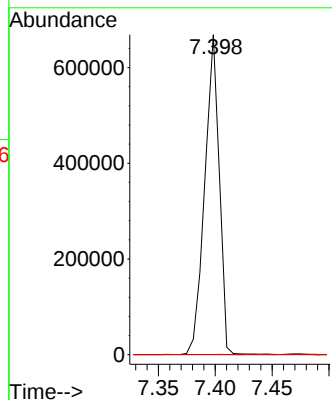
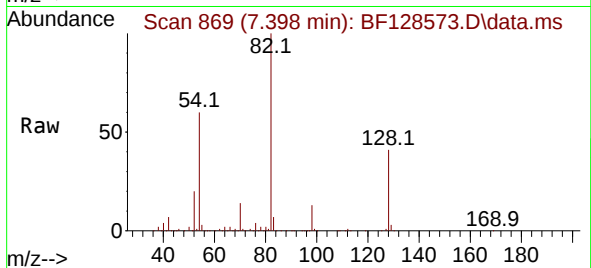




#25
Isophorone
Concen: 50.393 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

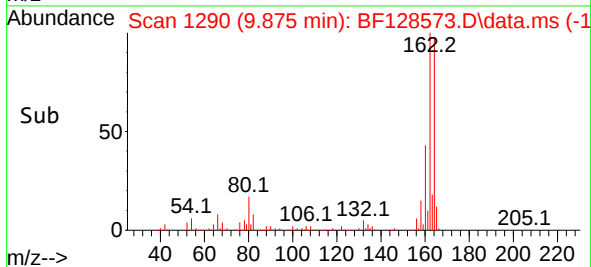
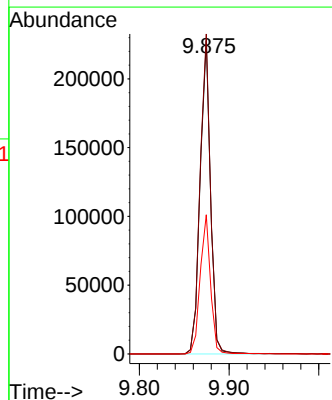
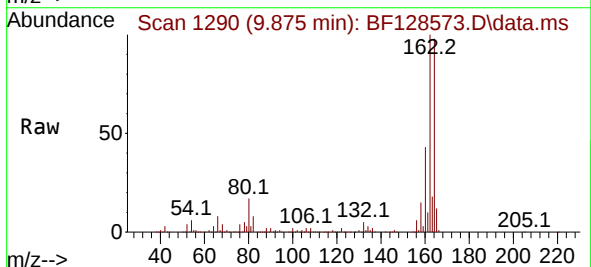
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

Tgt Ion: 82 Resp: 590701
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion: 164 Resp: 183444
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 122.828 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128573.D

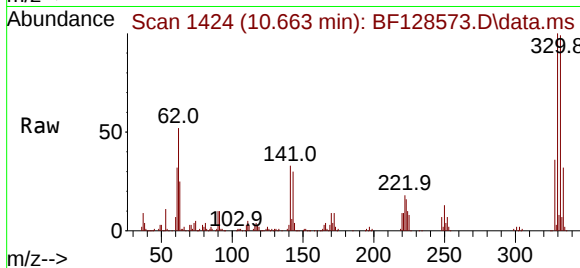
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Instrument :

BNA_F

ClientSampleId :

P036-SS001-0612-01



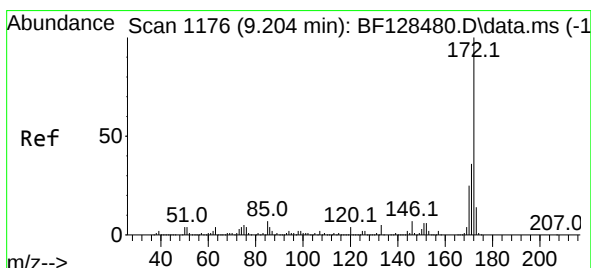
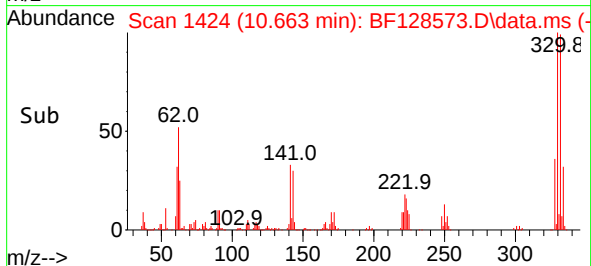
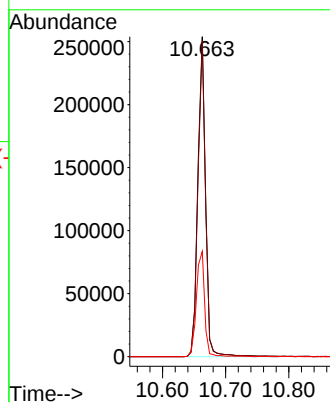
Tgt Ion:330 Resp: 214467

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.425 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128573.D

Acq: 29 May 2022 16:03

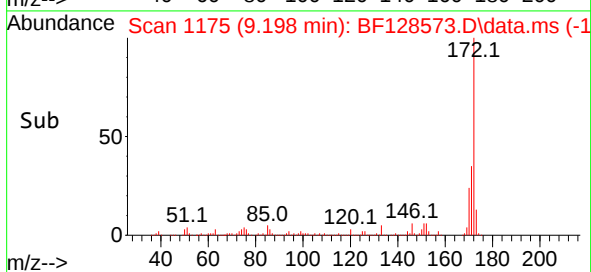
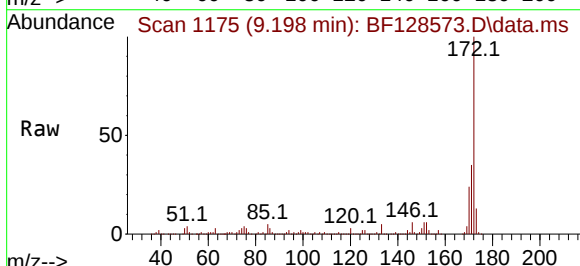
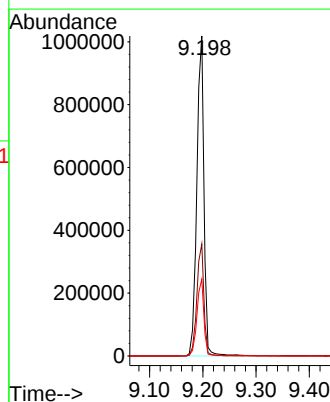
Tgt Ion:172 Resp: 953276

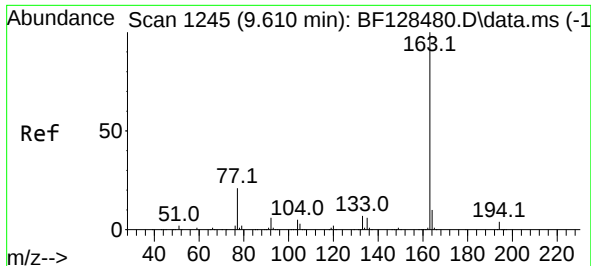
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 24.0 19.8 29.8

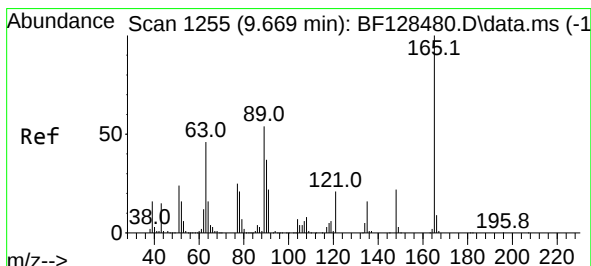
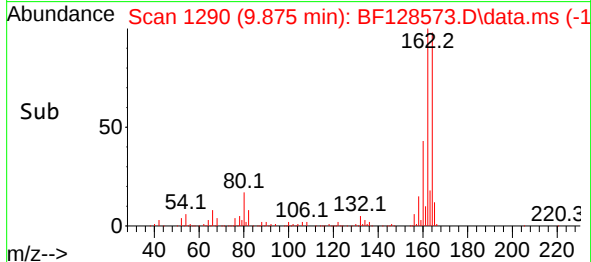
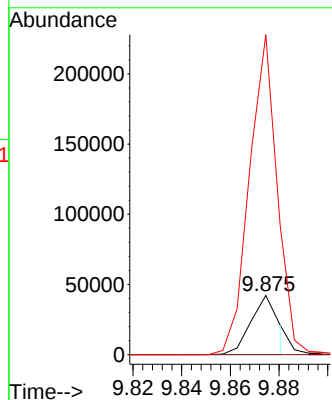
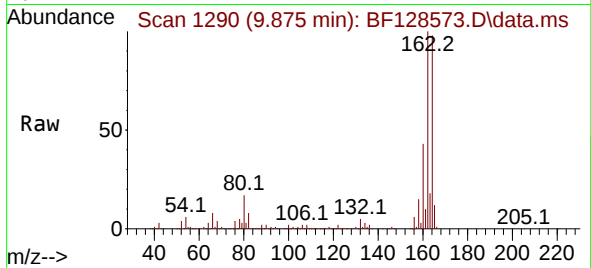




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

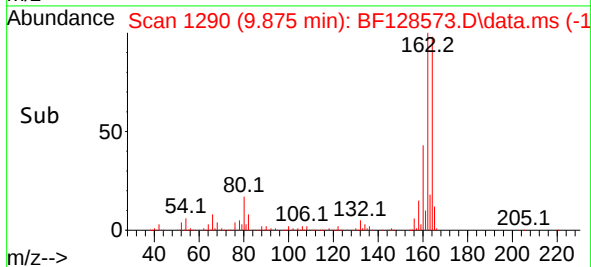
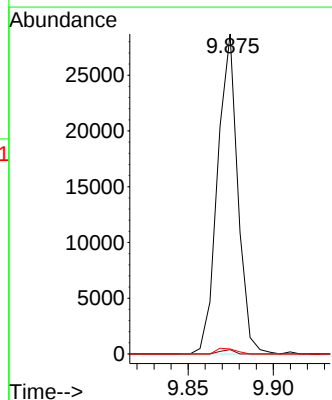
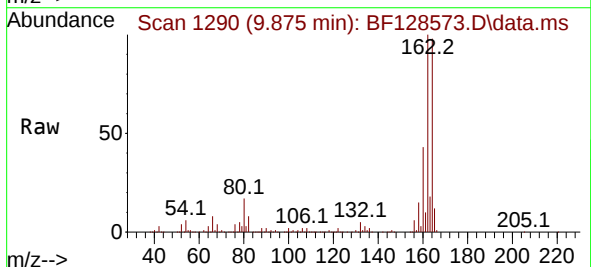
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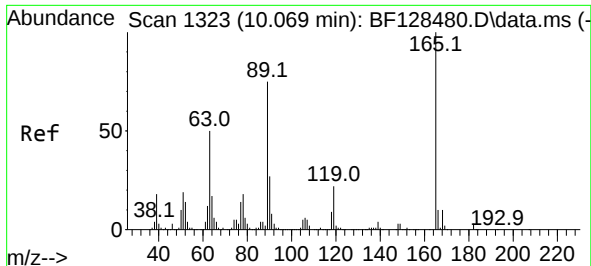
Tgt Ion:163 Resp: 32825
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 540.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.871 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:165 Resp: 23707
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#

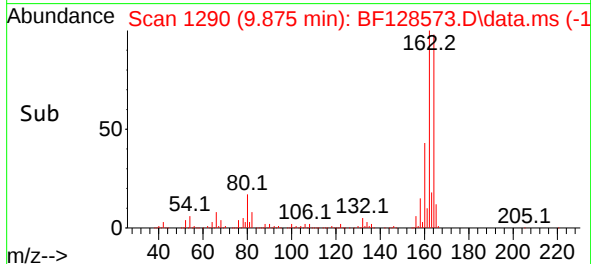
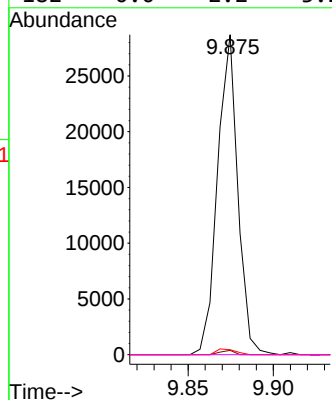
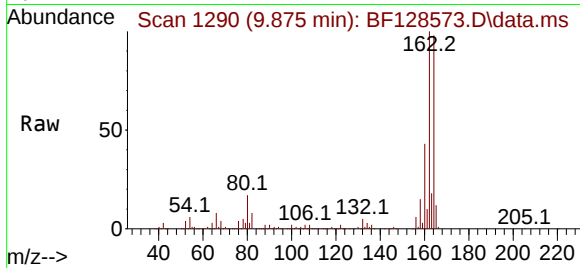




#57
2,4-Dinitrotoluene
Concen: 9.086 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

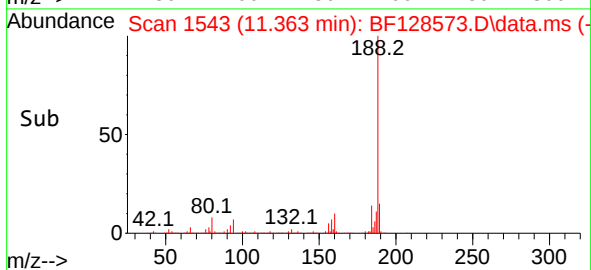
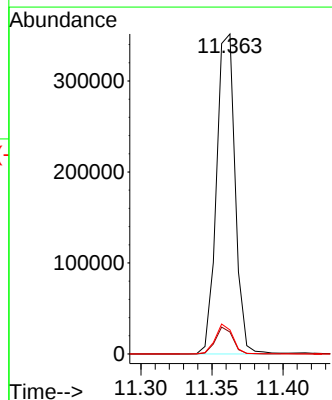
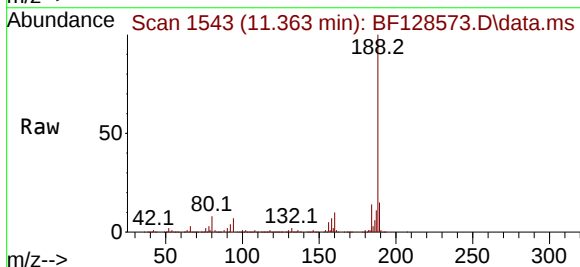
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

Tgt Ion:165 Resp: 23707
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:188 Resp: 320750
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.5 7.6 11.4#

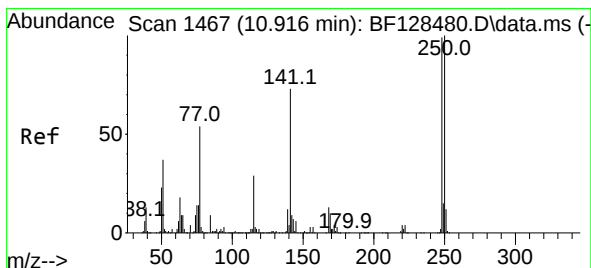
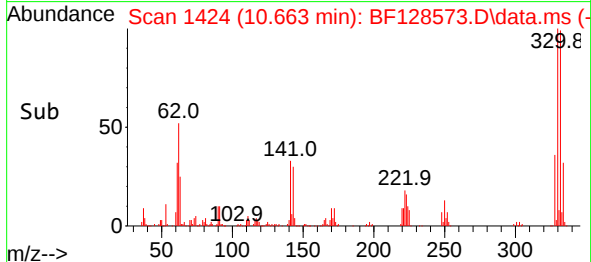
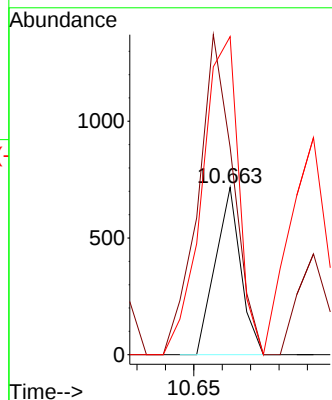
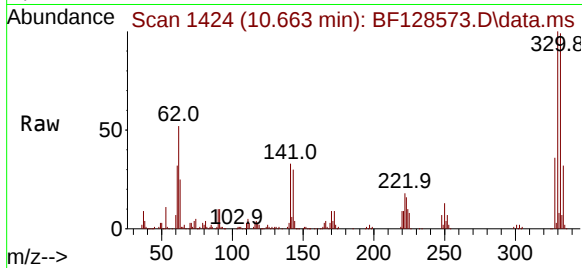




#65
4,6-Dinitro-2-methylphenol
Concen: 5.767 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

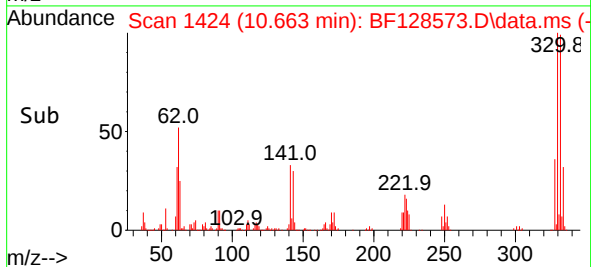
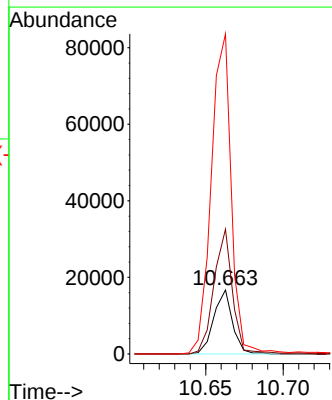
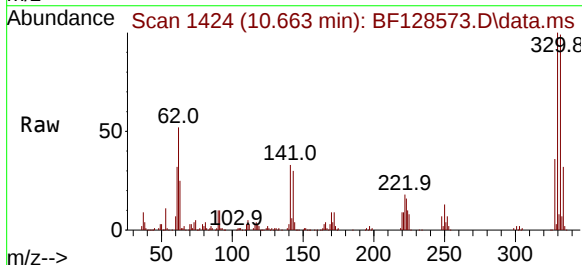
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

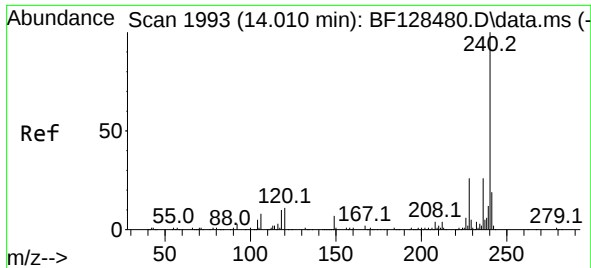
Tgt Ion:198 Resp: 443
Ion Ratio Lower Upper
198 100
51 124.0 37.6 77.6#
105 190.1 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.229 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:248 Resp: 14016
Ion Ratio Lower Upper
248 100
250 194.8 80.6 120.8#
141 499.7 58.9 88.3#

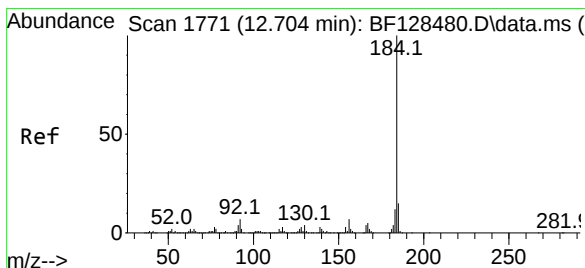
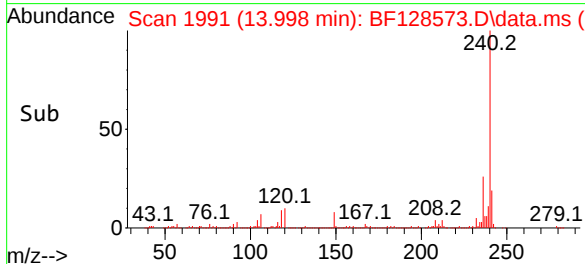
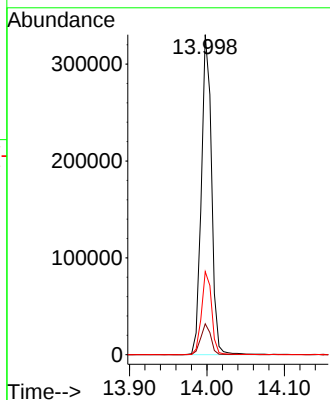
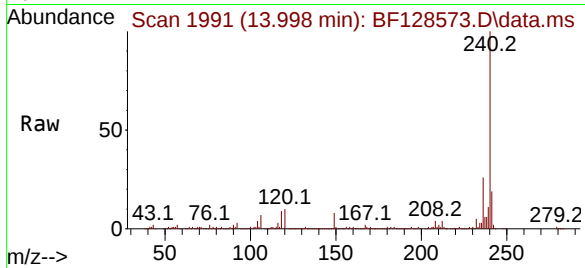




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

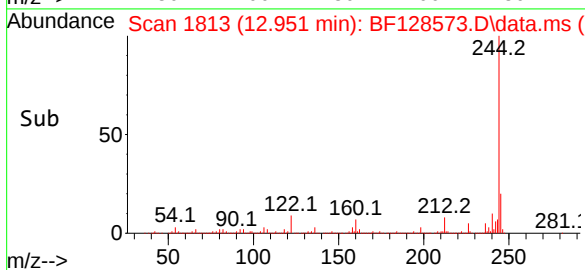
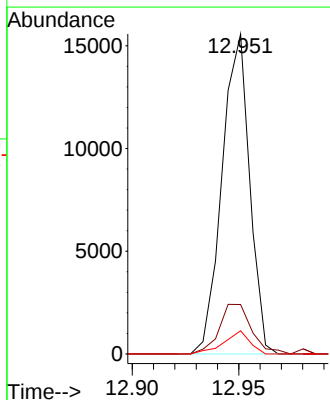
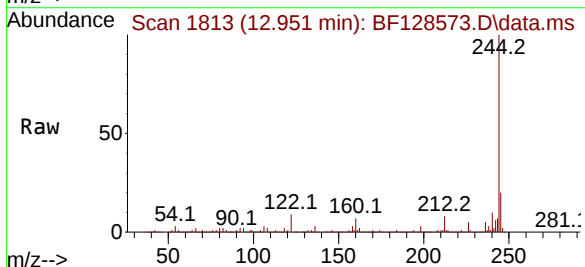
Instrument :
BNA_F
ClientSampleId :
P036-SS001-0612-01

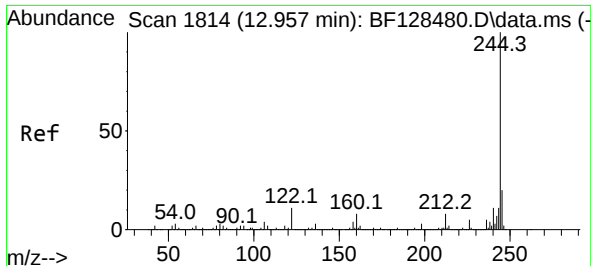
Tgt Ion:240 Resp: 301796
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.021 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128573.D
Acq: 29 May 2022 16:03

Tgt Ion:184 Resp: 14071
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 7.3 9.3 13.9

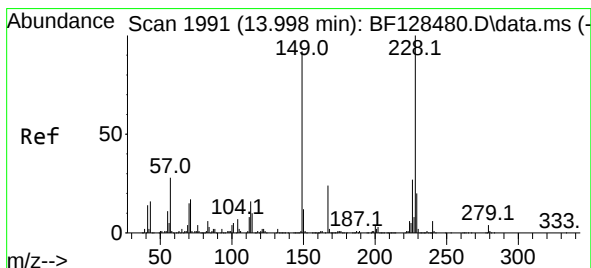
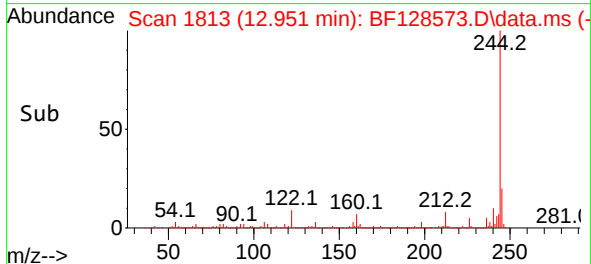
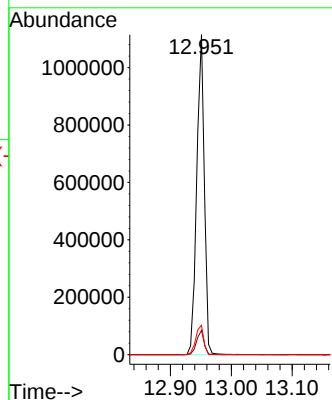
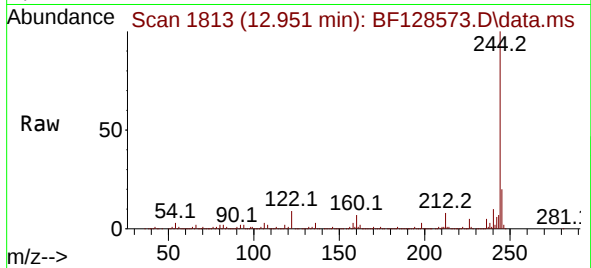




#79
 Terphenyl-d14
 Concen: 61.867 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128573.D
 Acq: 29 May 2022 16:03

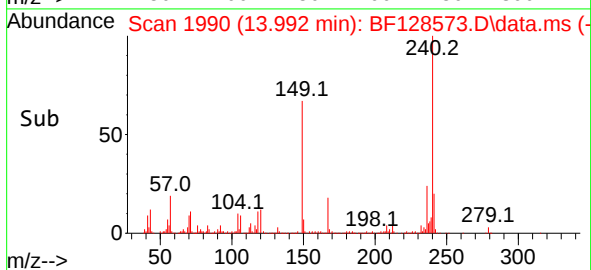
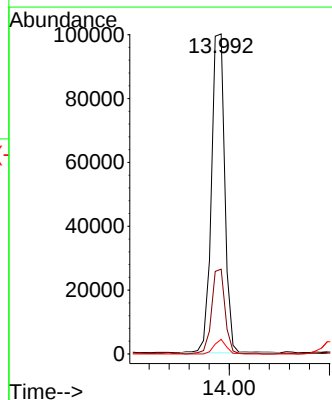
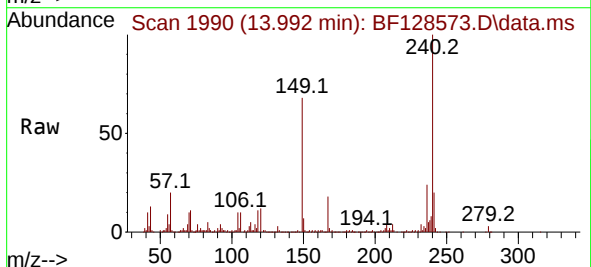
Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01

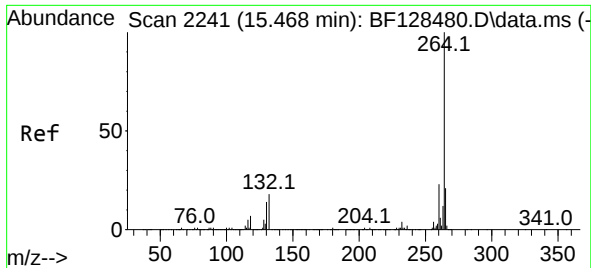
Tgt Ion:244 Resp: 966447
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.2 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.983 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.006 min
 Lab File: BF128573.D
 Acq: 29 May 2022 16:03

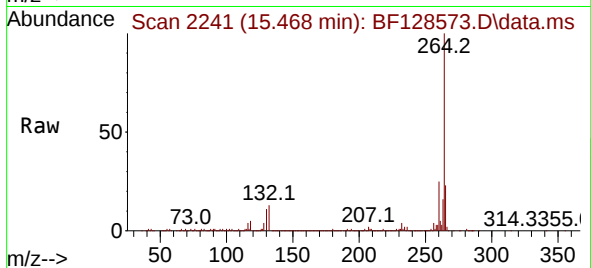
Tgt Ion:149 Resp: 92590
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 4.6 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128573.D
 Acq: 29 May 2022 16:03

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01



Tgt Ion:264 Resp: 313471
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 22.6 17.2 25.8

