

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128406.D
 Acq On : 23 May 2022 18:10
 Operator : CG\JU
 Sample : N2873-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-1824-01

Quant Time: May 24 01:23:17 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)

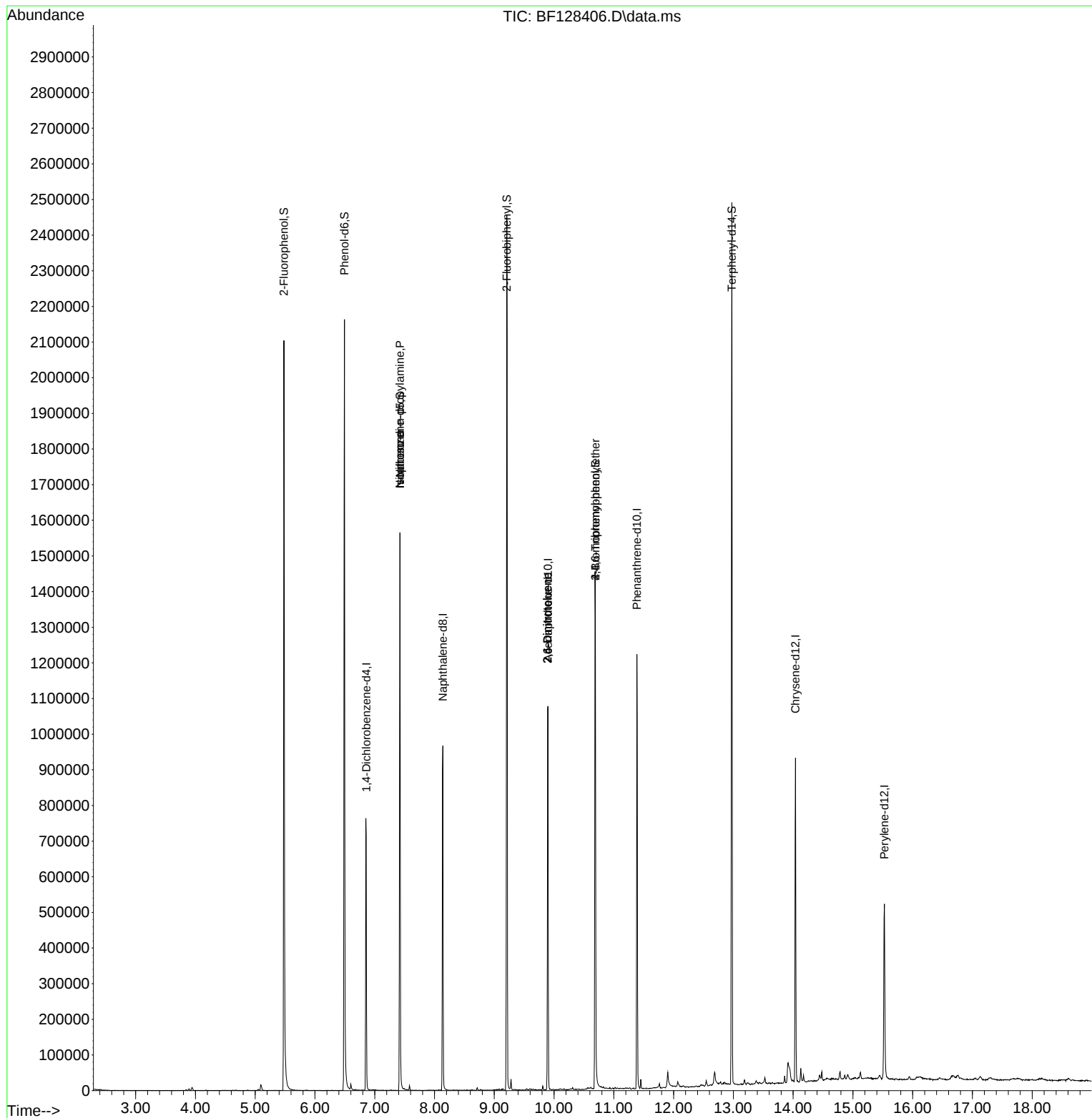
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116591	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	437915	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	245340	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	446509	20.000	ng	0.00
76) Chrysene-d12	14.039	240	310056	20.000	ng	-0.01
86) Perylene-d12	15.527	264	237162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	561386	76.625	ng	0.00
7) Phenol-d6	6.493	99	709097	73.502	ng	0.00
23) Nitrobenzene-d5	7.422	82	484587	49.580	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	181252	71.636	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	779275	51.943	ng	-0.01
79) Terphenyl-d14	12.975	244	830609	51.714	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	1120	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	64290	11.142	ng	# 77
25) Isophorone	7.422	82	484581	32.353	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	31430	9.196	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	31430	7.299	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	10896	2.332	ng	# 1

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

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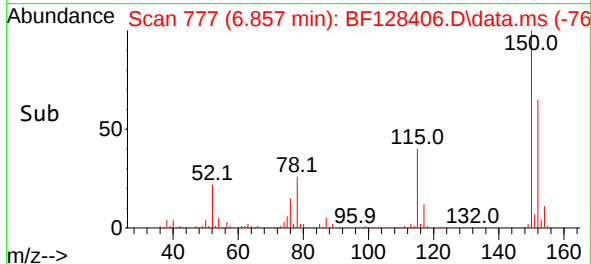
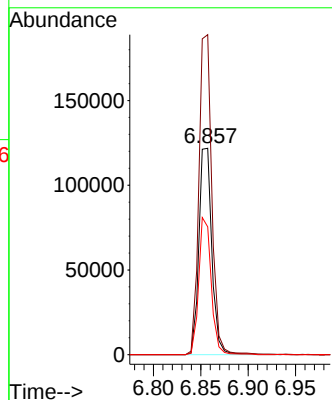
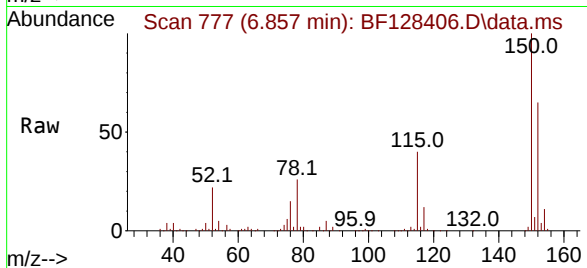




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

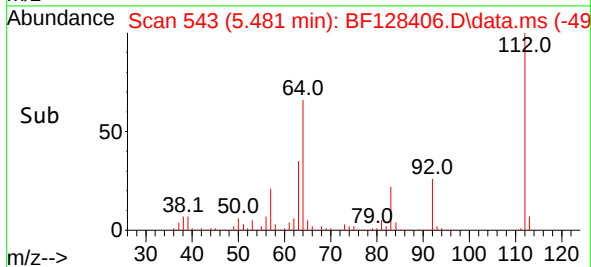
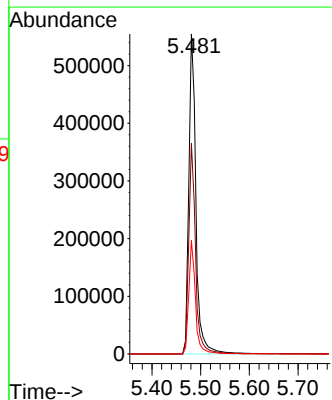
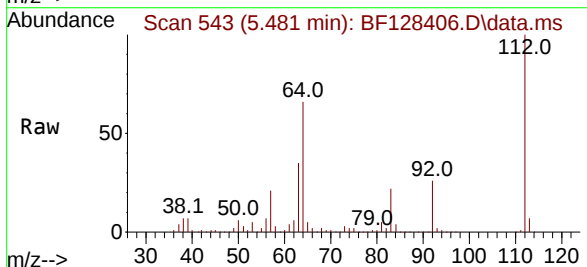
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

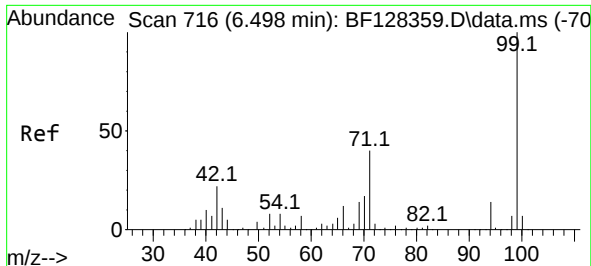
Tgt Ion:152 Resp: 116591
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 62.0 48.8 73.2



#5
2-Fluorophenol
Concen: 76.625 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:112 Resp: 561386
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 35.4 26.3 39.5

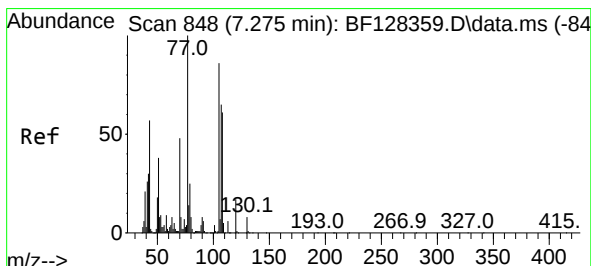
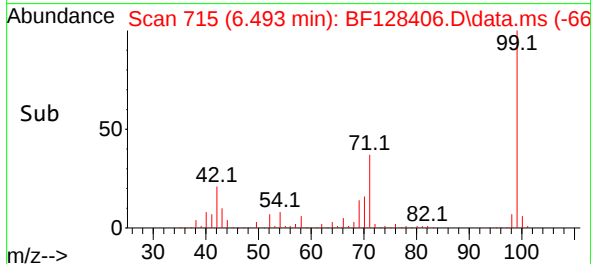
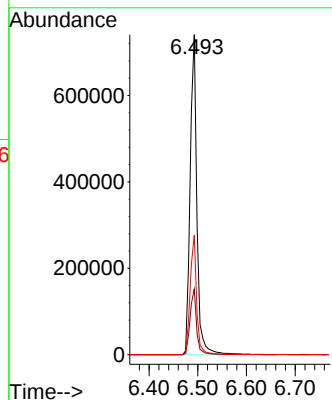
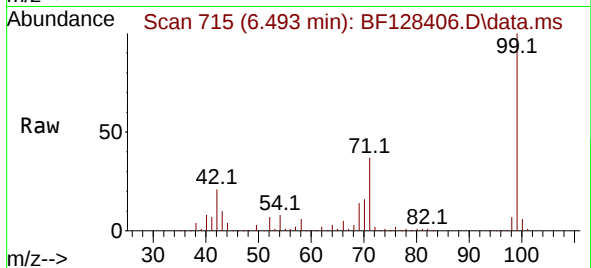




#7
Phenol-d6
Concen: 73.502 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

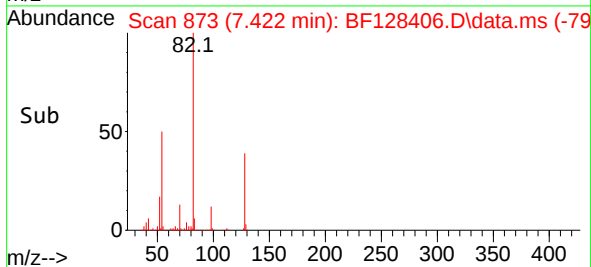
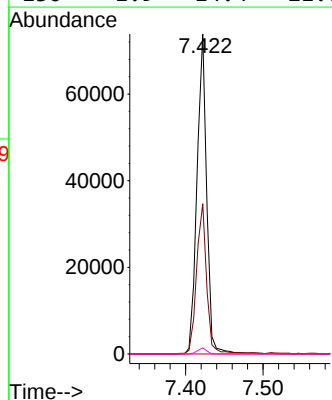
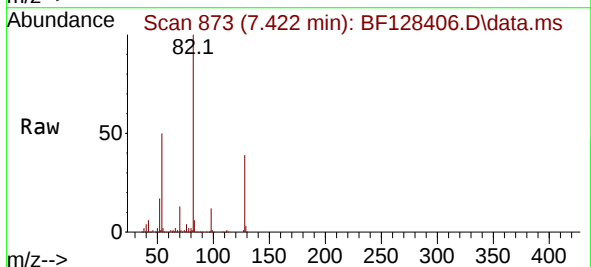
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

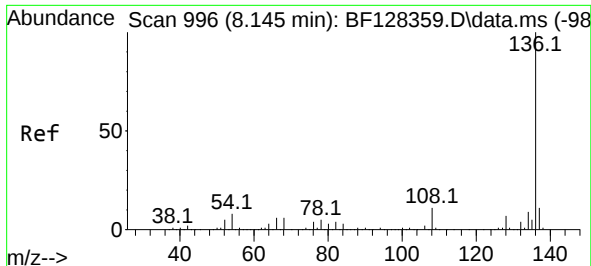
Tgt Ion: 99 Resp: 709097
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 37.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.142 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion: 70 Resp: 64290
Ion Ratio Lower Upper
70 100
42 46.9 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

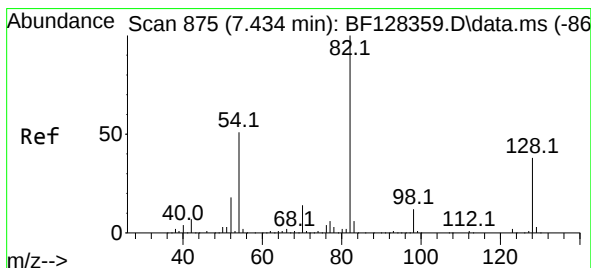
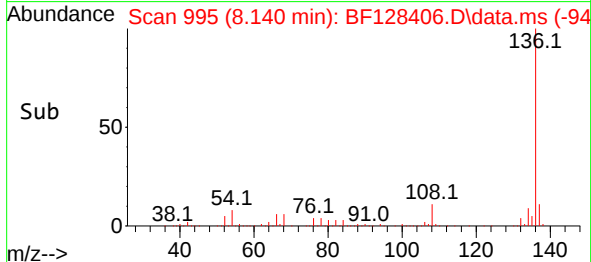
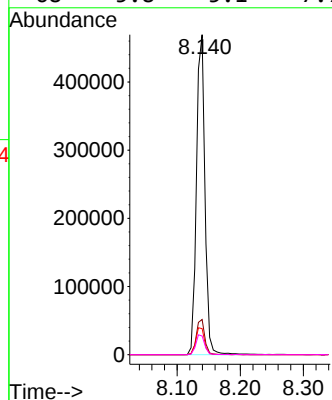
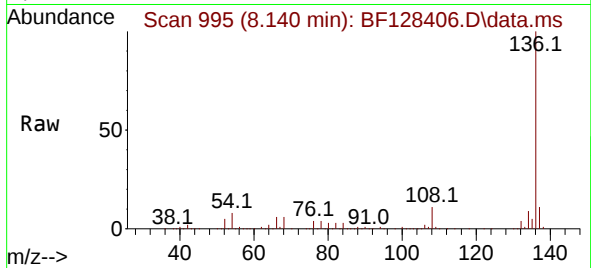




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

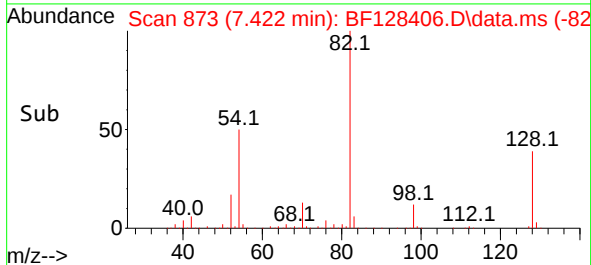
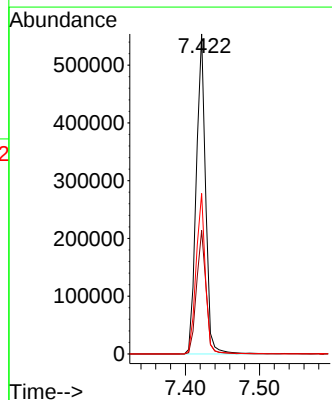
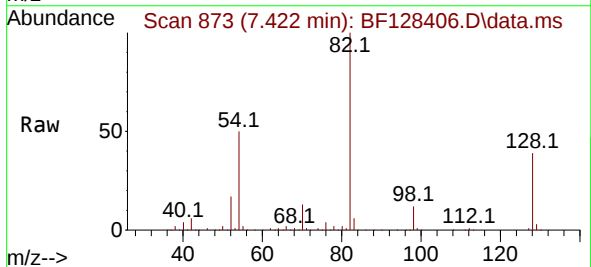
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

Tgt Ion:	136	Resp:	437915
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.1	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 49.580 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:	82	Resp:	484587
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.0	45.0
54	50.2	41.3	61.9

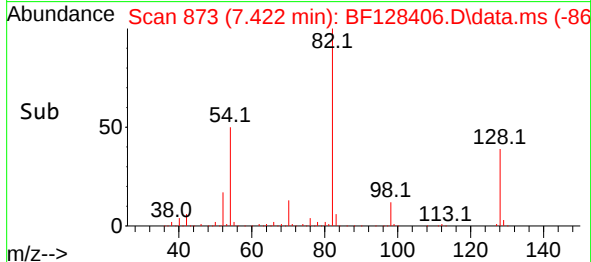
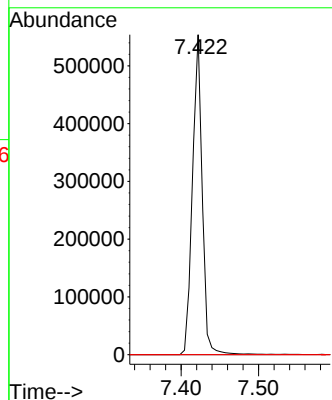
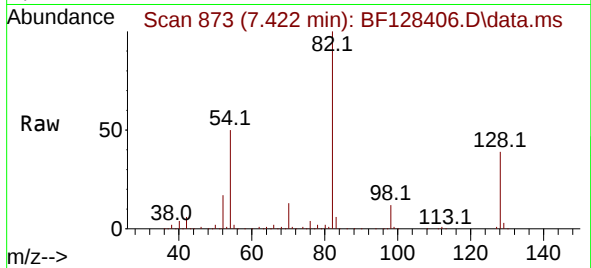




#25
Isophorone
Concen: 32.353 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

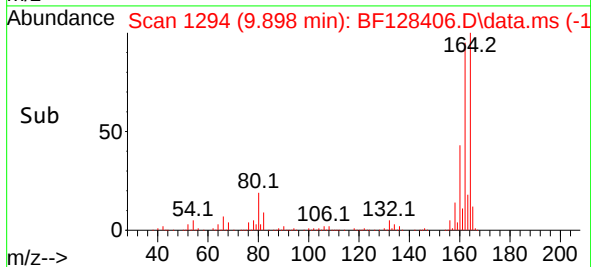
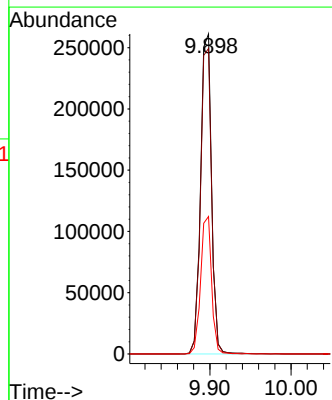
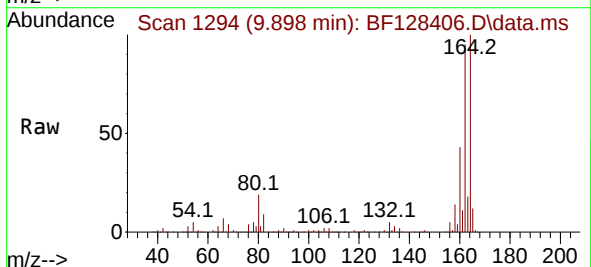
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

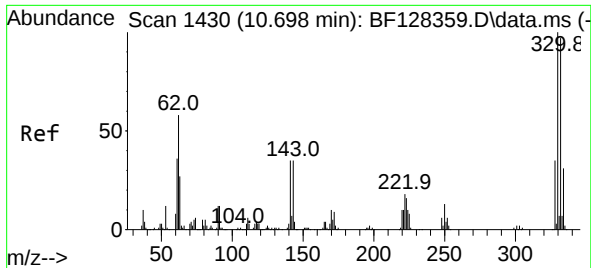
Tgt Ion: 82 Resp: 484581
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:164 Resp: 245340
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.0 34.8 52.2

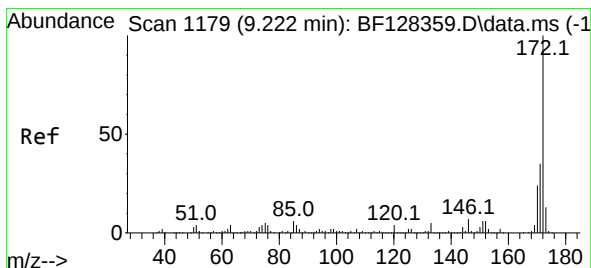
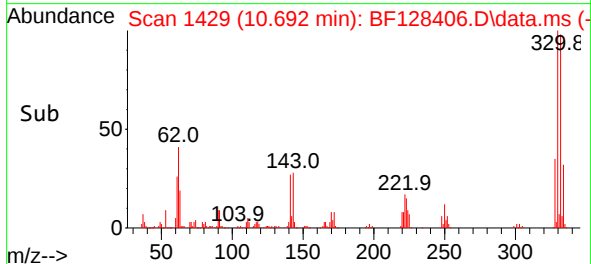
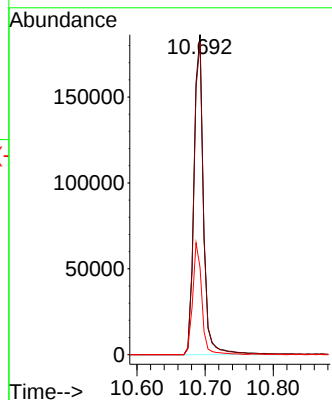
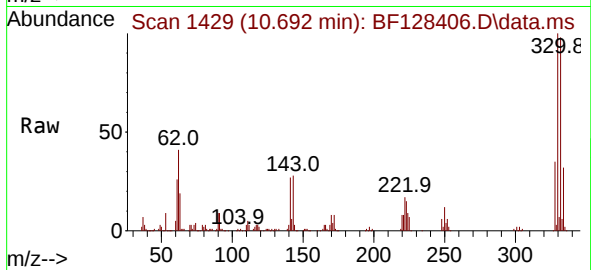




#42
2,4,6-Tribromophenol
Concen: 71.636 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

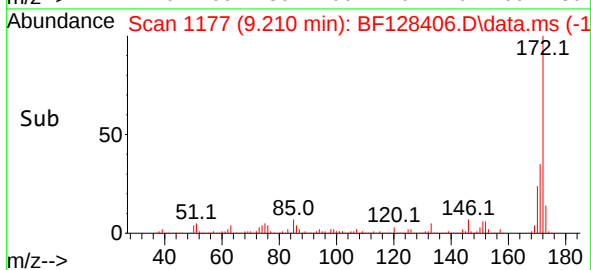
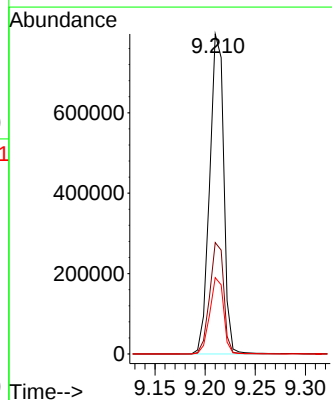
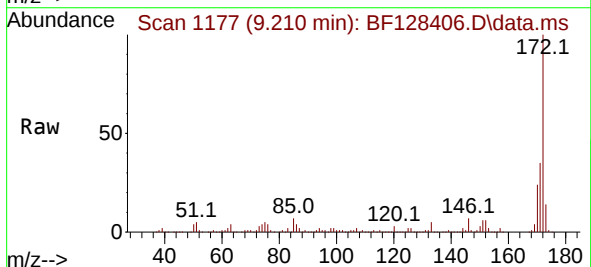
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

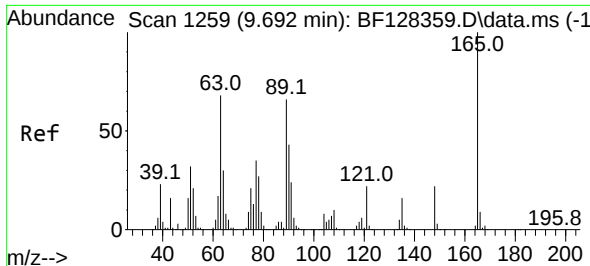
Tgt Ion:330 Resp: 181252
Ion Ratio Lower Upper
330 100
332 97.7 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 51.943 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:172 Resp: 779275
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.8 19.1 28.7

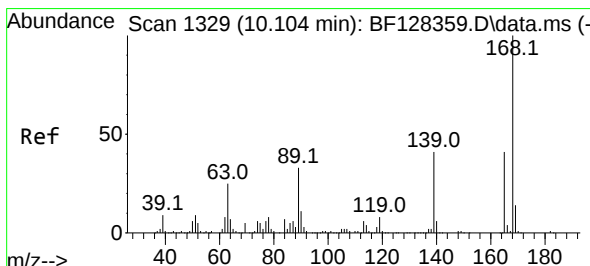
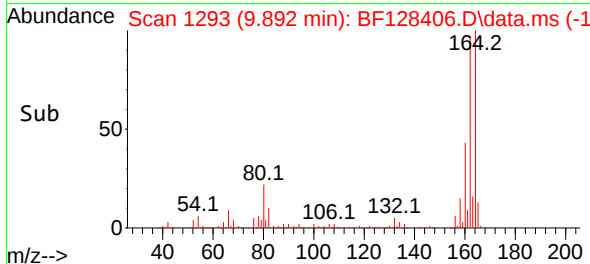
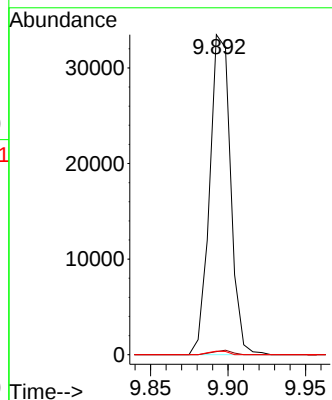
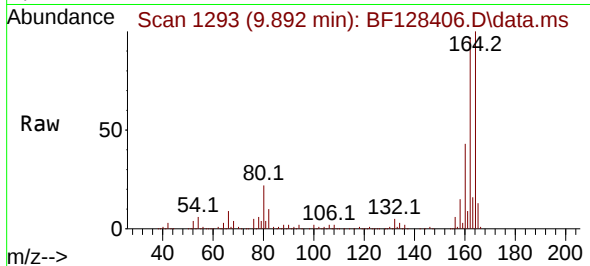




#51
2,6-Dinitrotoluene
Concen: 9.196 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

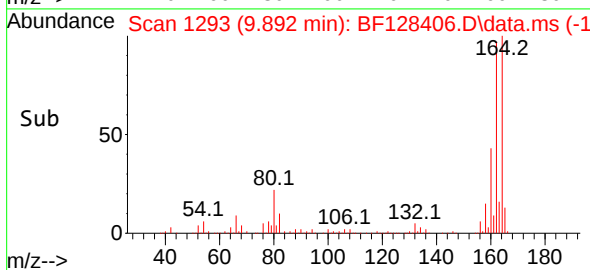
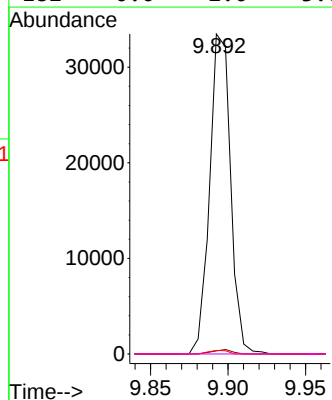
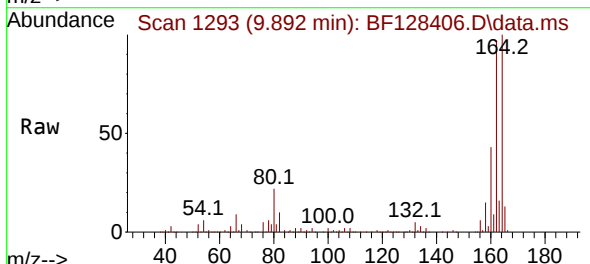
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P029-SS001-1824-01

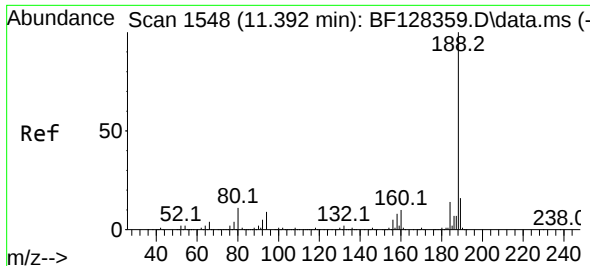
Tgt Ion:165 Resp: 31430
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:165 Resp: 31430
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

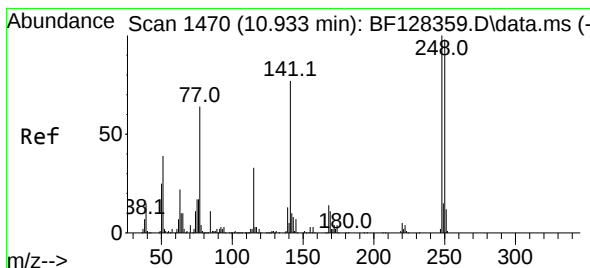
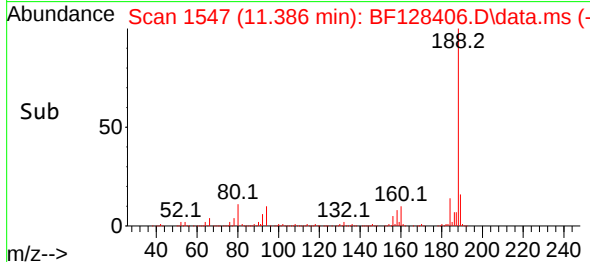
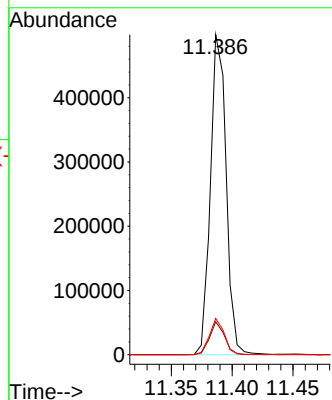
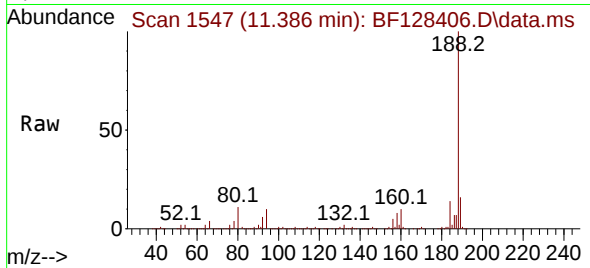




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

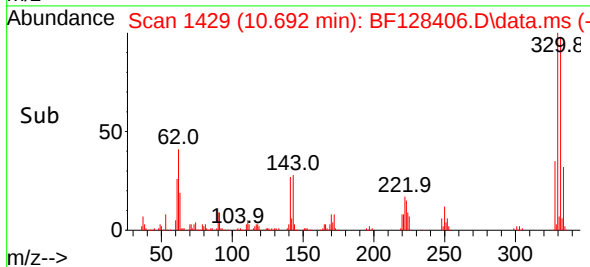
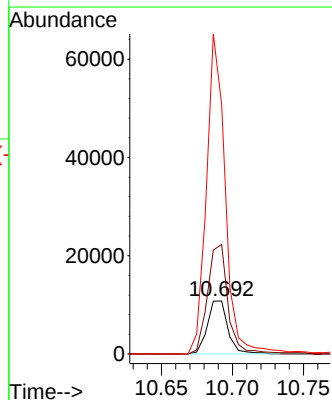
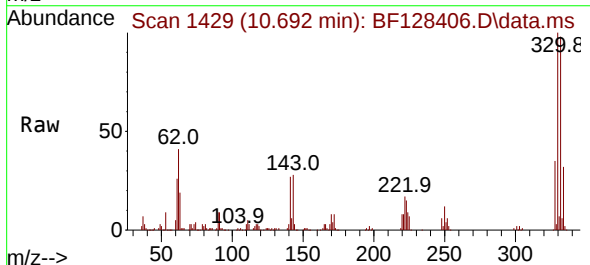
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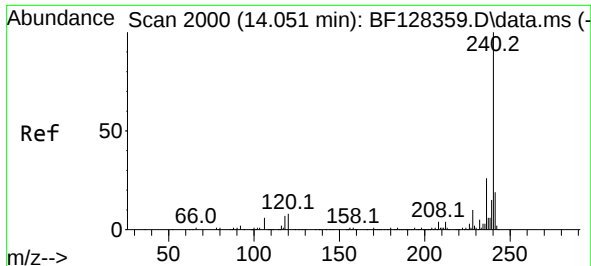
Tgt Ion:188 Resp: 446509
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.332 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

Tgt Ion:248 Resp: 10896
Ion Ratio Lower Upper
248 100
250 207.3 77.7 116.5#
141 471.7 65.6 98.4#

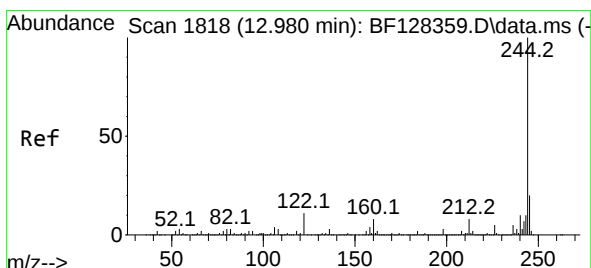
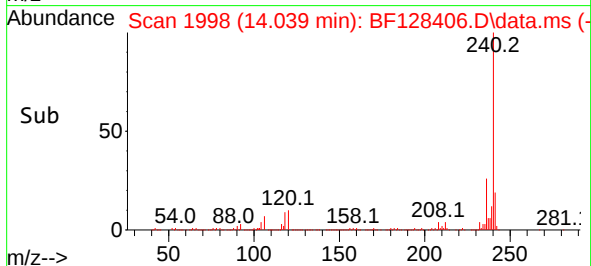
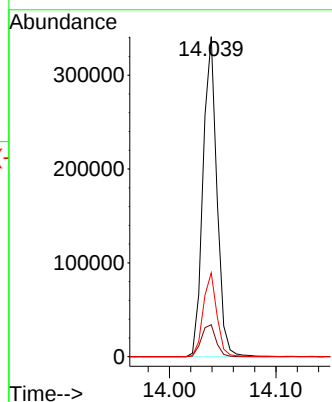
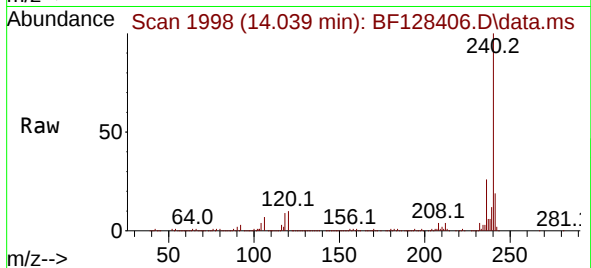




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

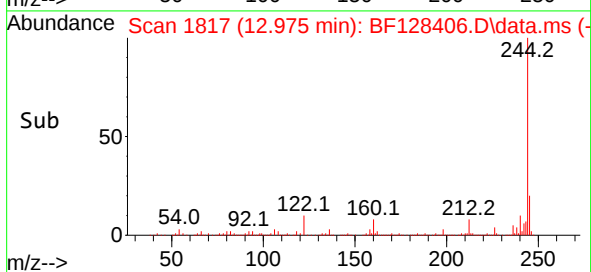
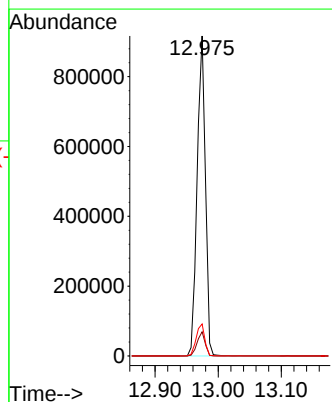
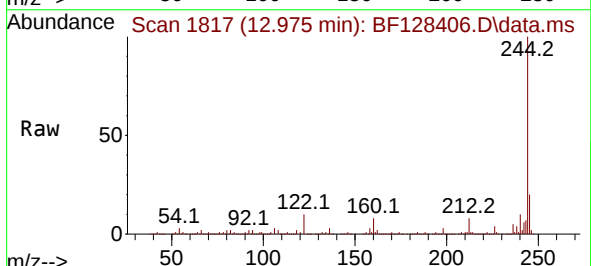
Instrument :
BNA_F
ClientSampleId :
P029-SS001-1824-01

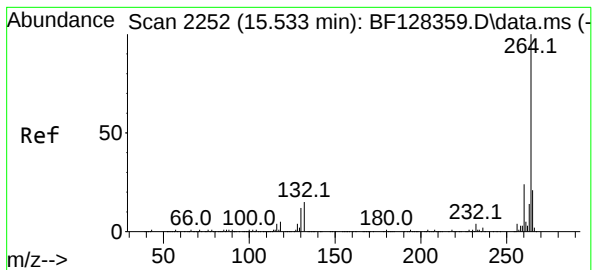
Tgt Ion:240 Resp: 310056
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 51.714 ng
RT: 12.975 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128406.D
Acq: 23 May 2022 18:10

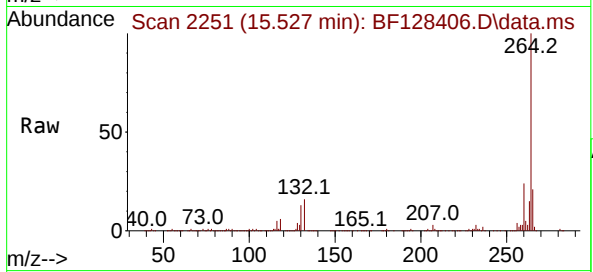
Tgt Ion:244 Resp: 830609
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.0 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128406.D
 Acq: 23 May 2022 18:10

Instrument :
 BNA_F
 ClientSampleId :
 P029-SS001-1824-01



Tgt Ion:264 Resp: 237162

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	20.9	17.5	26.3

