

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127910.D
 Acq On : 26 Apr 2022 13:13
 Operator : CG\JU
 Sample : PB144358BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144358BL

Quant Time: Apr 27 01:47:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

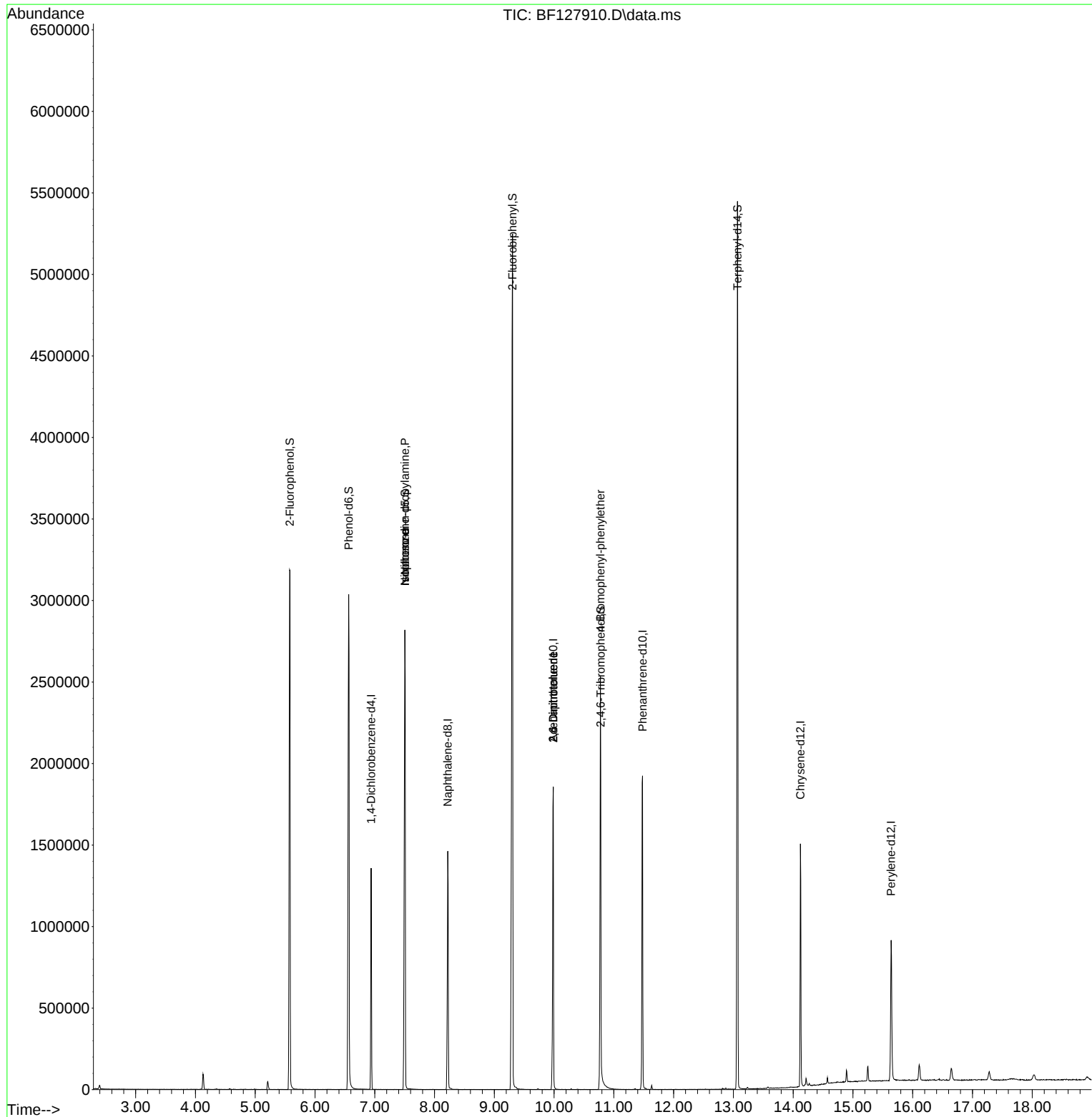
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	188934	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	785184	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	455981	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	809761	20.000	ng	0.00
76) Chrysene-d12	14.121	240	530300	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	398302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	933910	78.732	ng	0.02
7) Phenol-d6	6.563	99	1237497	80.401	ng	0.00
23) Nitrobenzene-d5	7.504	82	1275190	76.370	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	333863	72.734	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	2073178	76.917	ng	0.00
79) Terphenyl-d14	13.069	244	2157428	74.392	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	171633	18.216	ng	# 80
25) Isophorone	7.504	82	1274164	45.339	ng	# 68
51) 2,6-Dinitrotoluene	9.986	165	59905	9.048	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	59906	6.831	ng	# 25
67) 4-Bromophenyl-phenylether	10.775	248	20556	2.290	ng	# 1

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

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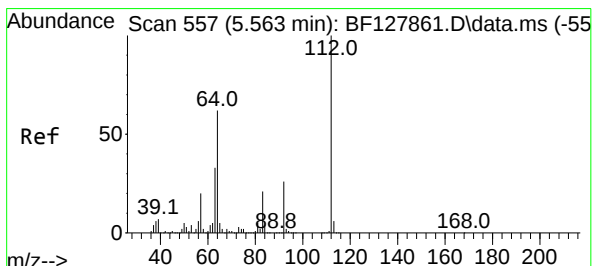
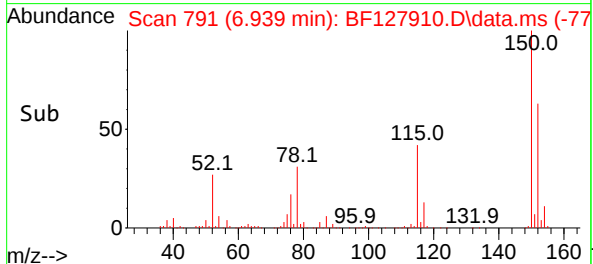
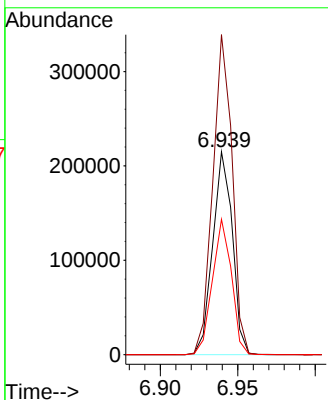
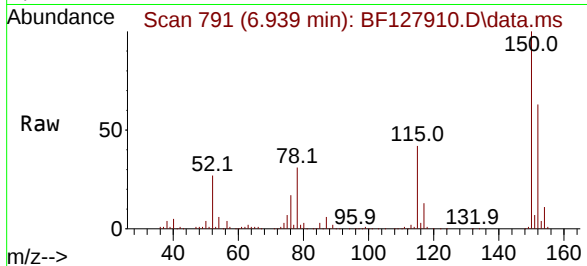




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

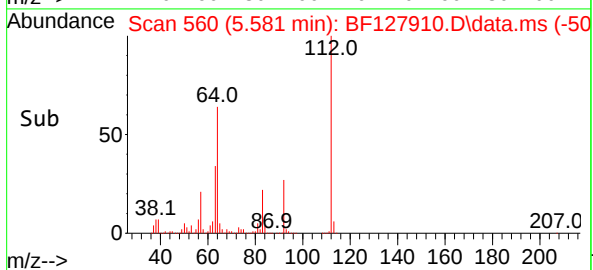
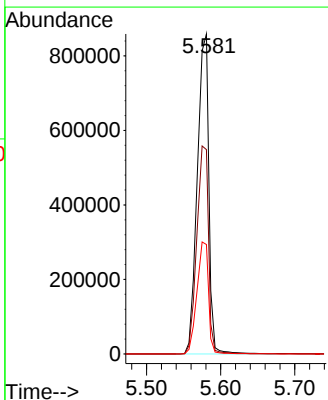
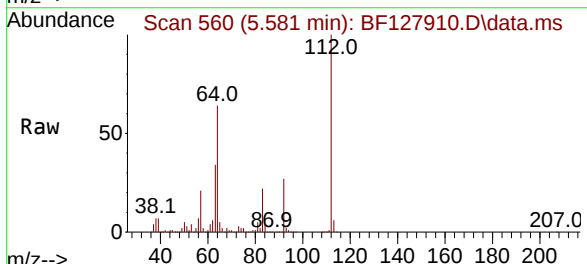
Instrument :
BNA_F
ClientSampleId :
PB144358BL

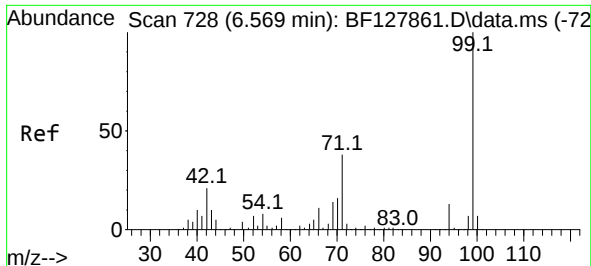
Tgt Ion:152 Resp: 188934
Ion Ratio Lower Upper
152 100
150 157.8 125.3 187.9
115 66.7 48.8 73.2



#5
2-Fluorophenol
Concen: 78.732 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion:112 Resp: 933910
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 34.2 26.3 39.5

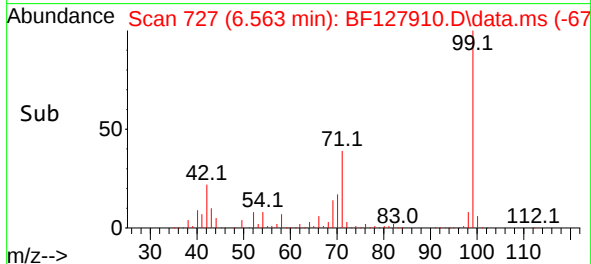
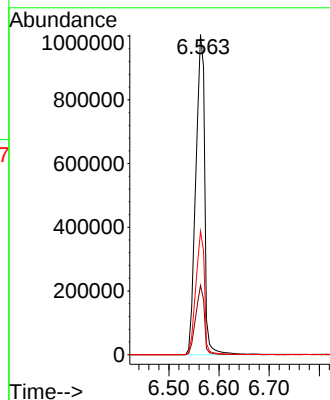
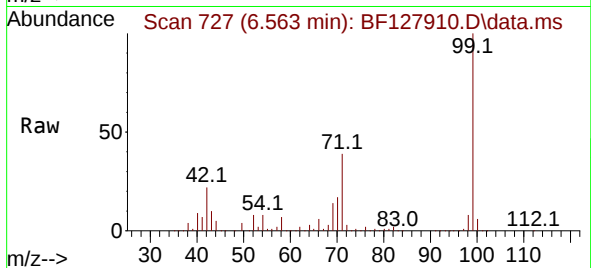




#7
Phenol-d6
Concen: 80.401 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

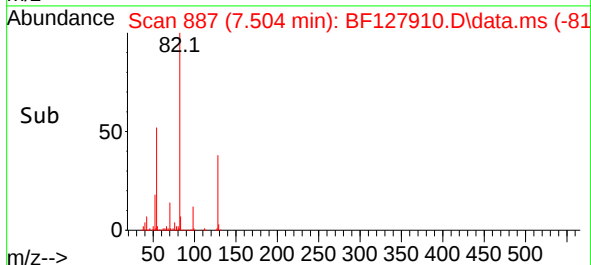
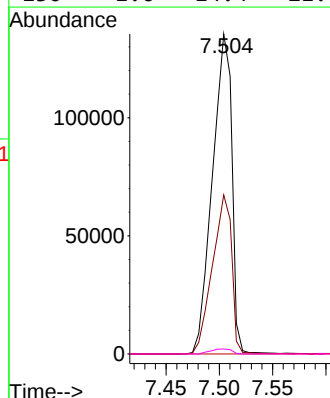
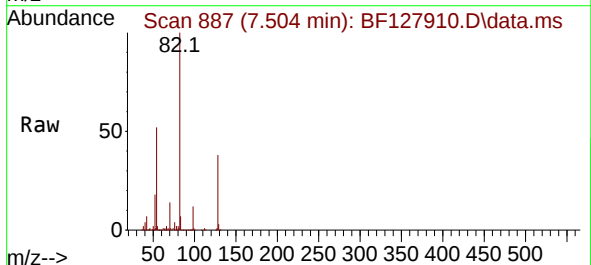
Instrument :
BNA_F
ClientSampleId :
PB144358BL

Tgt Ion: 99 Resp: 1237497
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.216 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion: 70 Resp: 171633
Ion Ratio Lower Upper
70 100
42 49.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

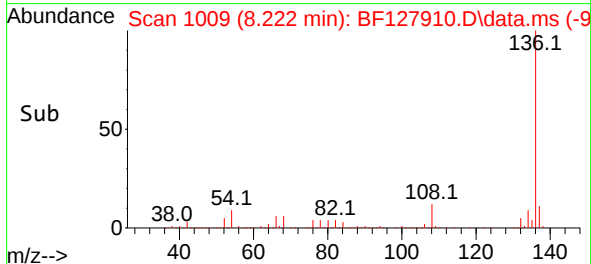
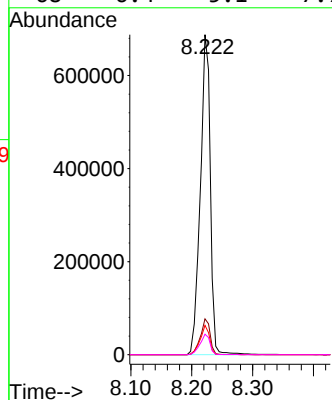
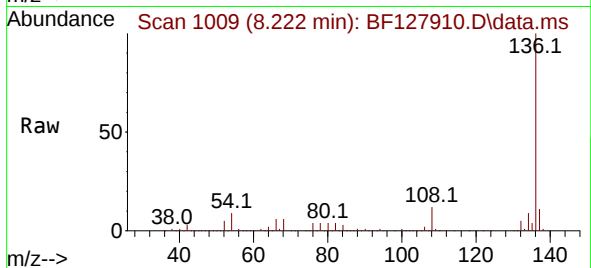




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

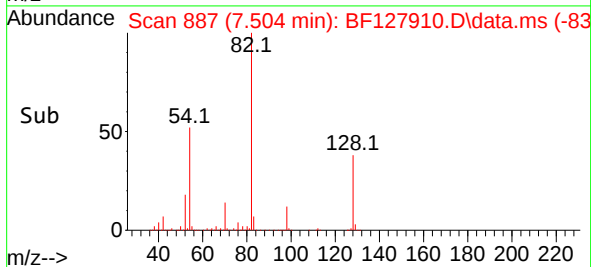
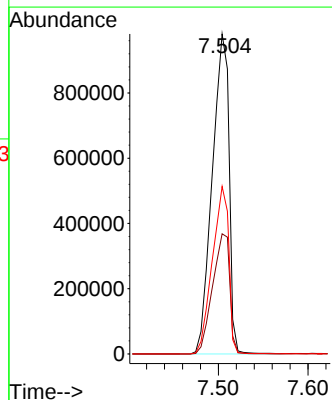
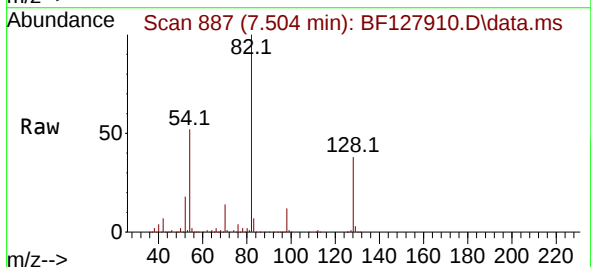
Instrument :
BNA_F
ClientSampleId :
PB144358BL

Tgt Ion:136	Resp: 785184
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 9.2	6.8 10.2
68 6.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 76.370 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion: 82		Resp: 1275190	
Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.0	45.0
54	52.4	41.3	61.9

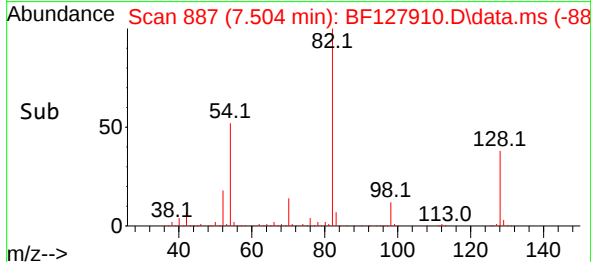
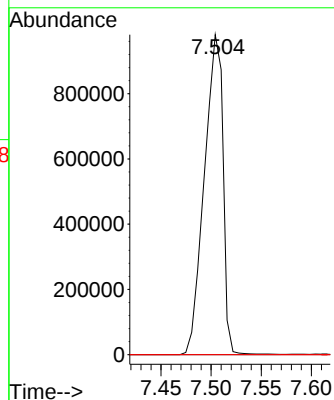
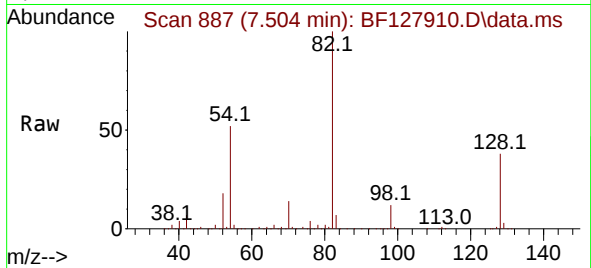




#25
Isophorone
Concen: 45.339 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

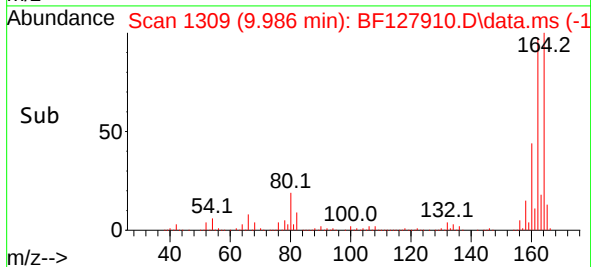
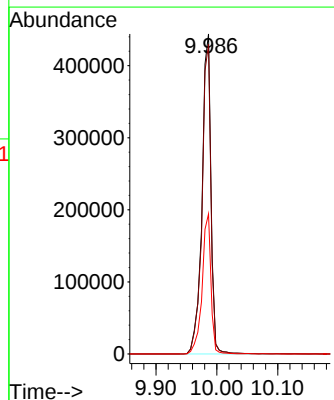
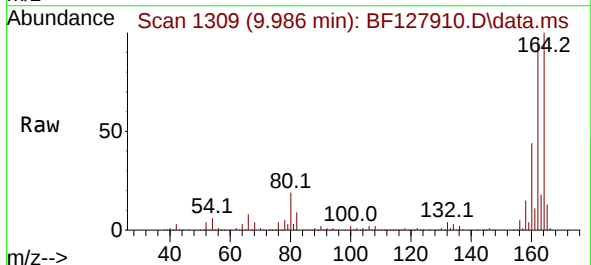
Instrument :
BNA_F
ClientSampleId :
PB144358BL

Tgt Ion: 82 Resp: 1274164
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: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion:164 Resp: 455981
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 72.734 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF127910.D

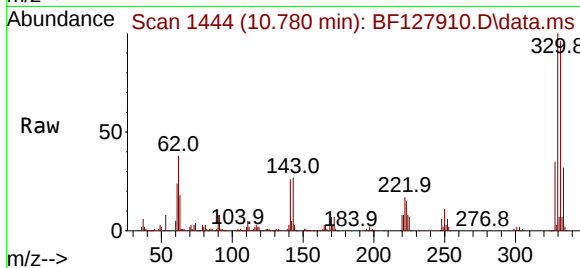
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Instrument :

BNA_F

ClientSampleId :

PB144358BL



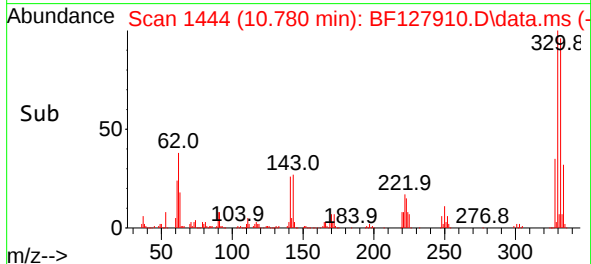
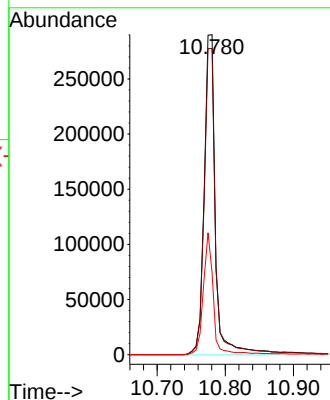
Tgt Ion:330 Resp: 333863

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 76.917 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF127910.D

Acq: 26 Apr 2022 13:13

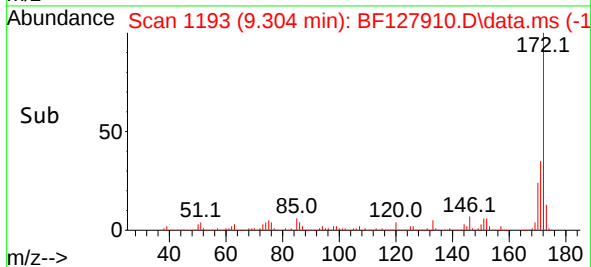
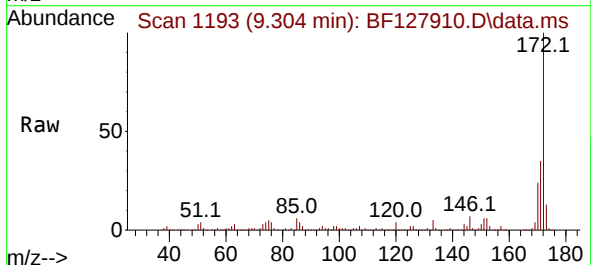
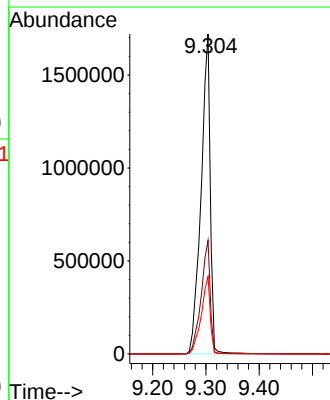
Tgt Ion:172 Resp: 2073178

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 24.2 19.1 28.7

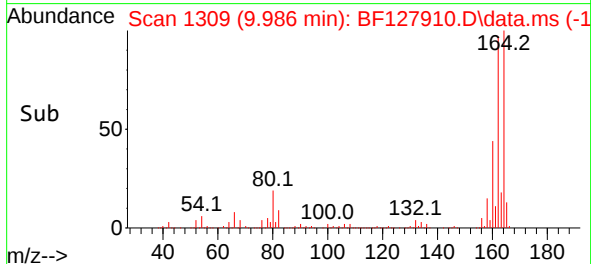
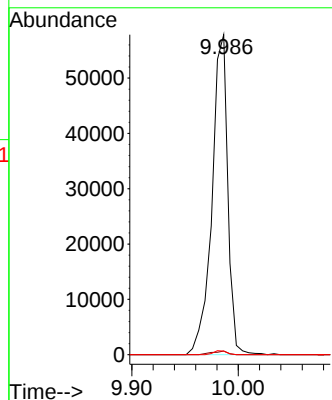
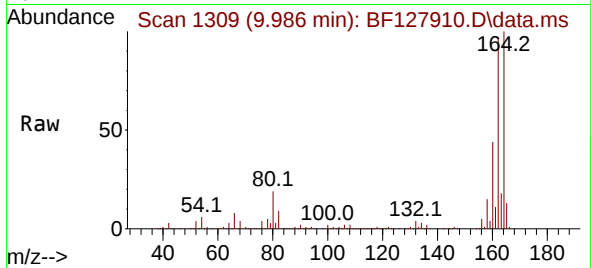




#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

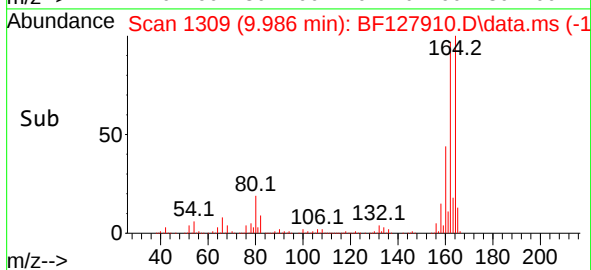
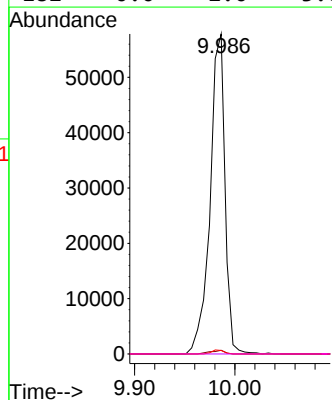
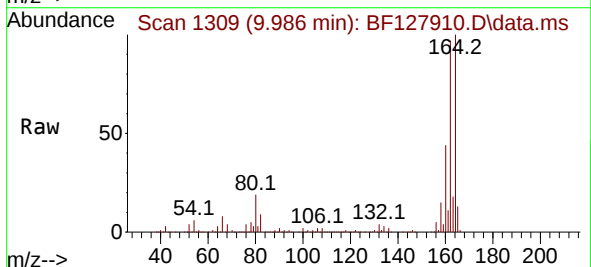
Instrument :
BNA_F
ClientSampleId :
PB144358BL

Tgt Ion:165 Resp: 59905
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.831 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.188 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion:165 Resp: 59906
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

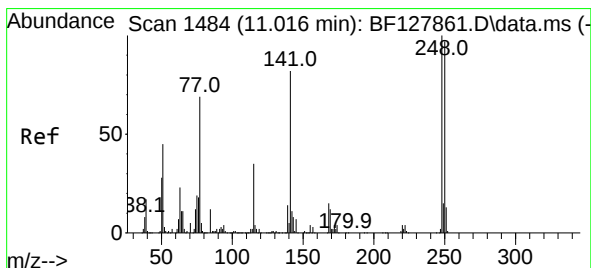
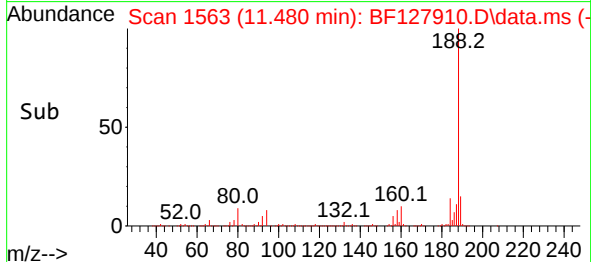
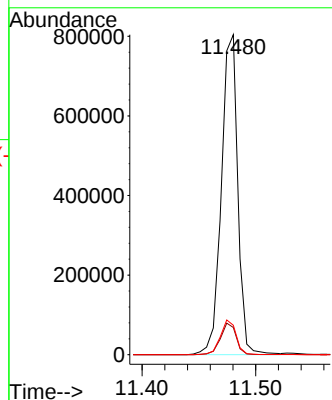
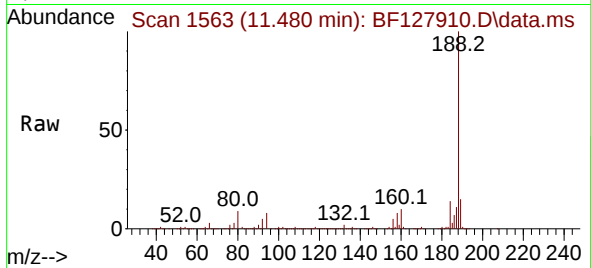




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

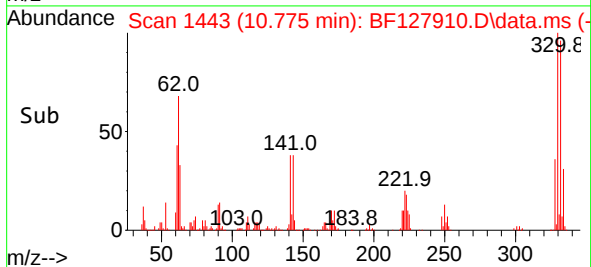
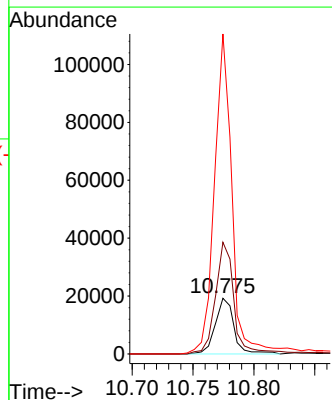
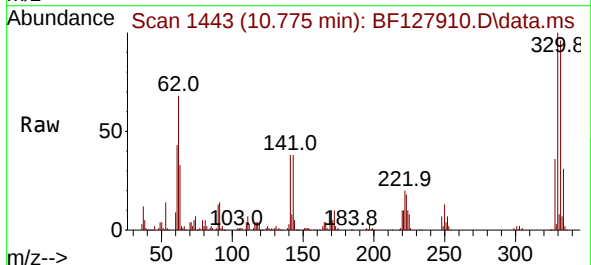
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BNA_F
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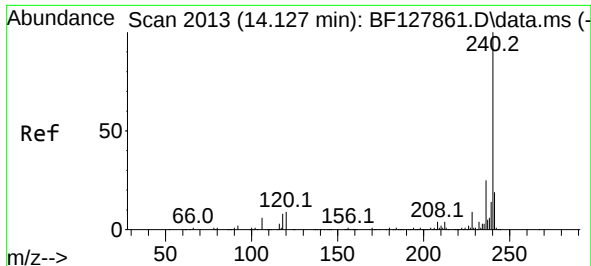
Tgt Ion:188 Resp: 809761
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.290 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion:248 Resp: 20556
Ion Ratio Lower Upper
248 100
250 201.0 77.7 116.5#
141 575.5 65.6 98.4#

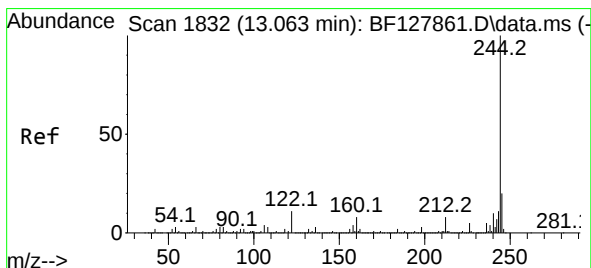
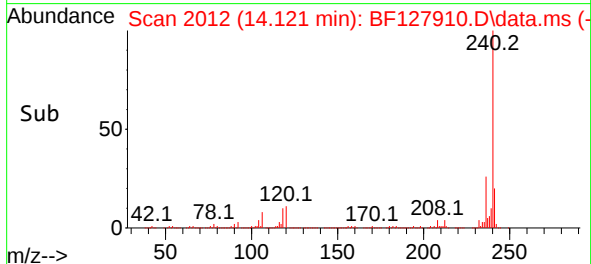
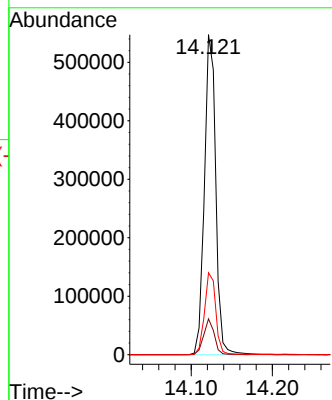
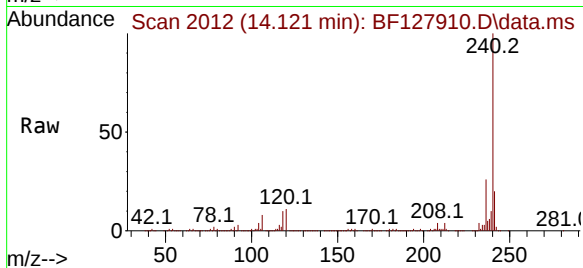




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

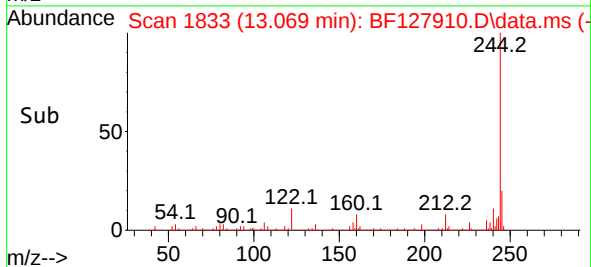
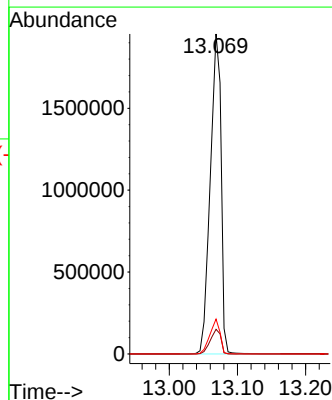
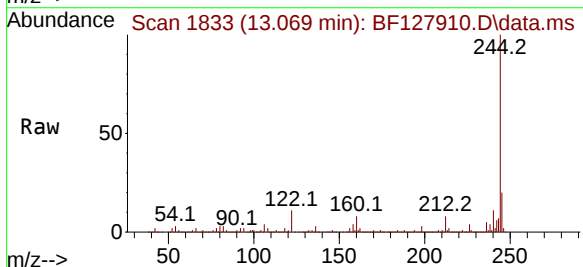
Instrument :
BNA_F
ClientSampleId :
PB144358BL

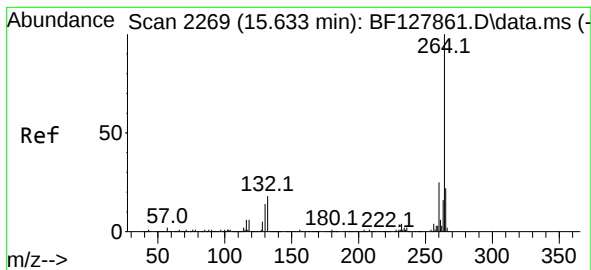
Tgt Ion:240 Resp: 530300
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 74.392 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF127910.D
Acq: 26 Apr 2022 13:13

Tgt Ion:244 Resp: 2157428
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.9 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127910.D

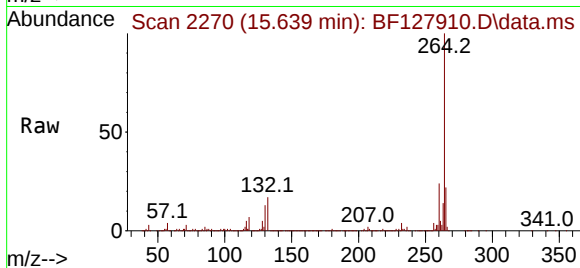
Acq: 26 Apr 2022 13:13

Instrument :

BNA_F

ClientSampleId :

PB144358BL



Tgt Ion:264 Resp: 398302

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 21.6 17.5 26.3

