

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127071.D
 Acq On : 25 Feb 2022 15:21
 Operator : CG\JU
 Sample : N1657-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-4

Quant Time: Feb 26 01:39:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

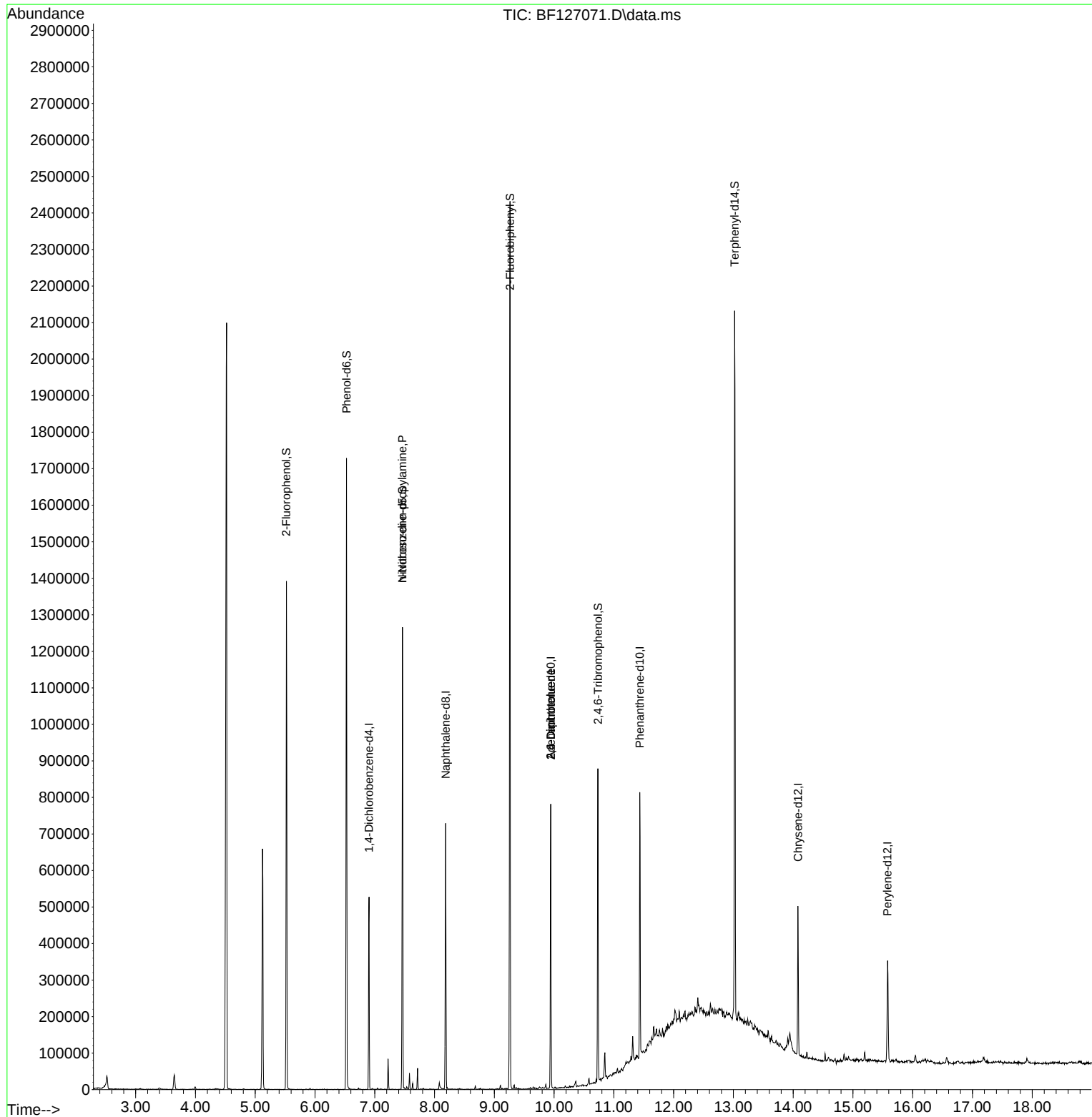
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	66730	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	272091	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	137287	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	234387	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	122106	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	116782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	304315	70.484	ng	0.00
7) Phenol-d6	6.528	99	470023	80.679	ng	-0.01
23) Nitrobenzene-d5	7.463	82	385217	63.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	83767	52.994	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	631221	67.687	ng	0.00
79) Terphenyl-d14	13.021	244	629489	75.784	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	54152	14.425	ng	# 82
51) 2,6-Dinitrotoluene	9.945	165	17912	8.972	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	17912	6.635	ng	# 16

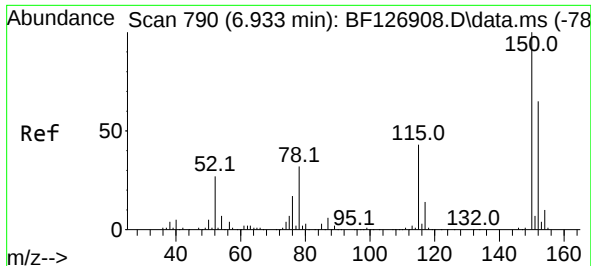
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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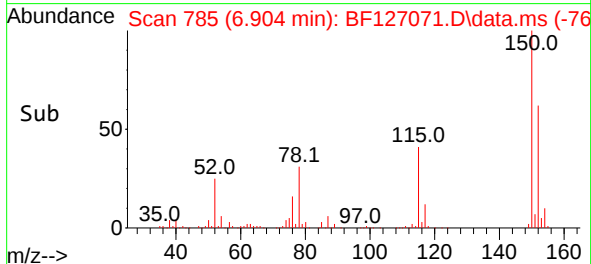
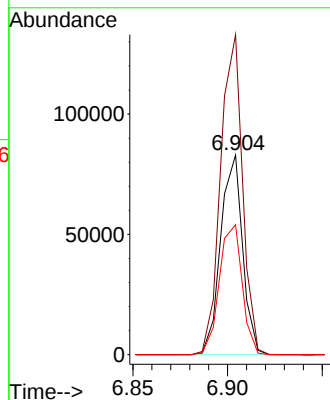
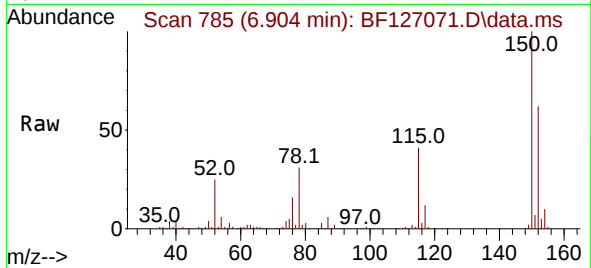




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

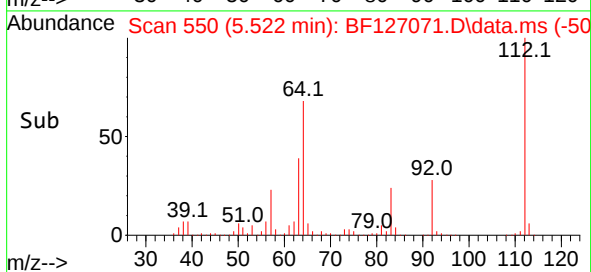
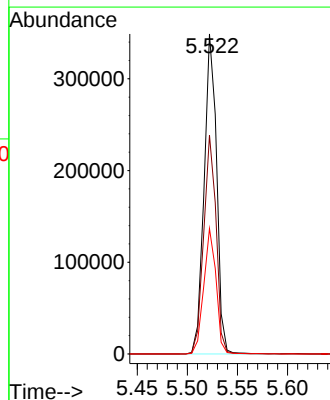
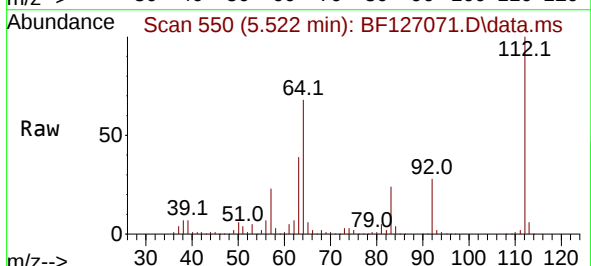
Instrument :
BNA_F
ClientSampleId :
GROUP-4

Tgt Ion:152 Resp: 66730
Ion Ratio Lower Upper
152 100
150 160.3 128.1 192.1
115 65.1 56.7 85.1



#5
2-Fluorophenol
Concen: 70.484 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion:112 Resp: 304315
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 39.2 23.9 35.9#

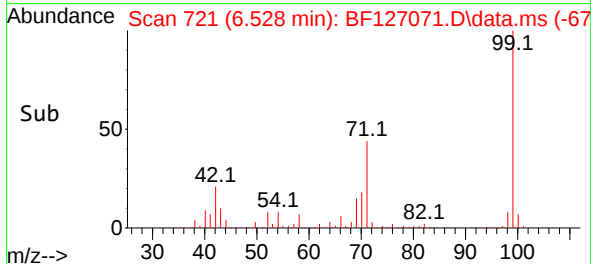
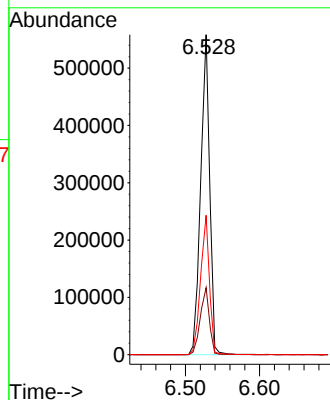
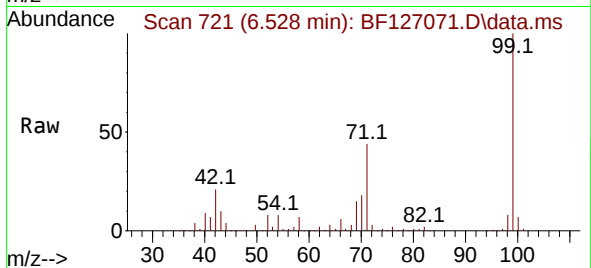




#7
Phenol-d6
Concen: 80.679 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

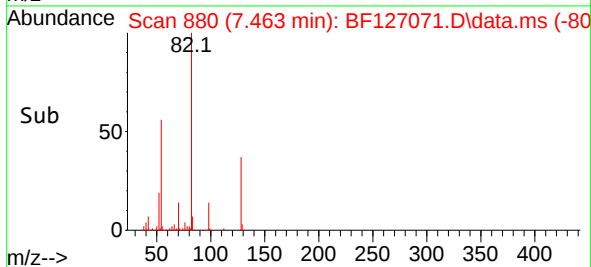
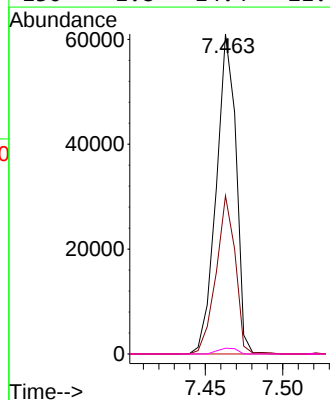
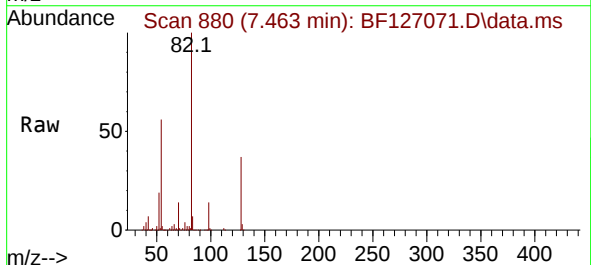
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BNA_F
ClientSampleId :
GROUP-4

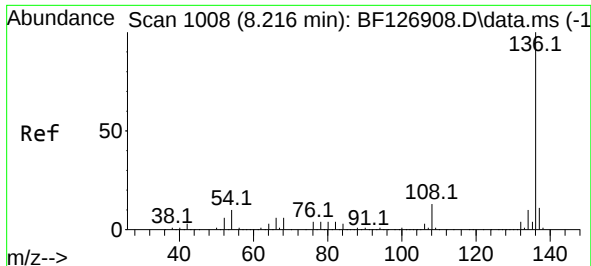
Tgt Ion: 99 Resp: 470023
Ion Ratio Lower Upper
99 100
42 20.9 14.2 21.4
71 43.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.425 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion: 70 Resp: 54152
Ion Ratio Lower Upper
70 100
42 49.4 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

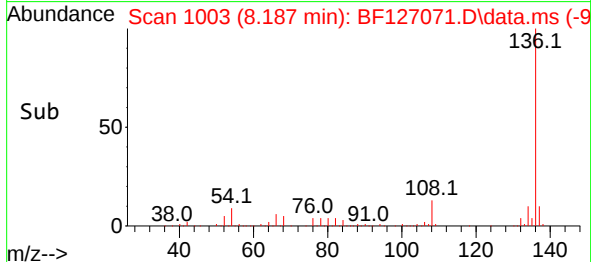
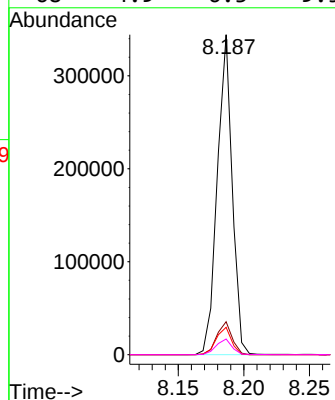
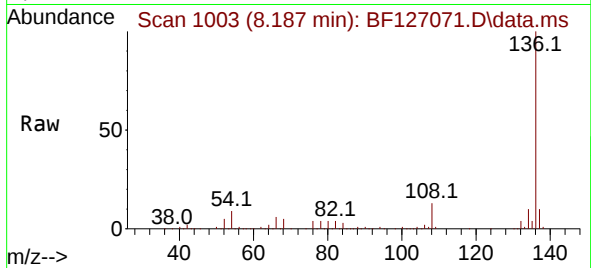




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

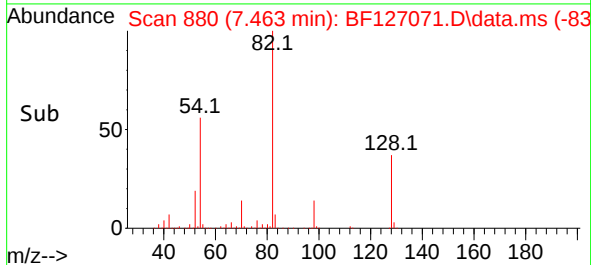
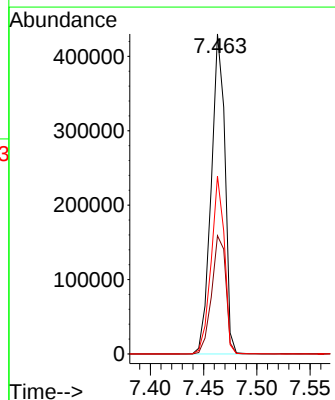
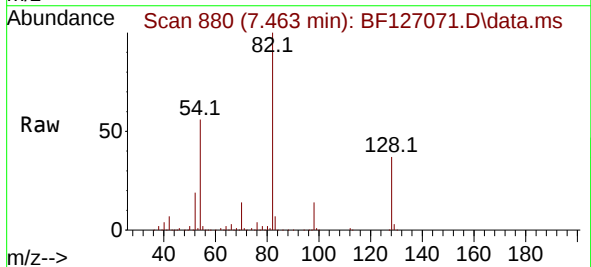
Instrument :
BNA_F
ClientSampleId :
GROUP-4

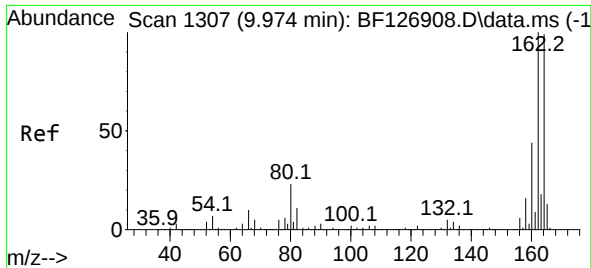
Tgt Ion:136 Resp: 272091
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.6 7.8 11.6
68 4.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 63.904 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion: 82 Resp: 385217
Ion Ratio Lower Upper
82 100
128 37.0 32.7 49.1
54 55.6 41.7 62.5

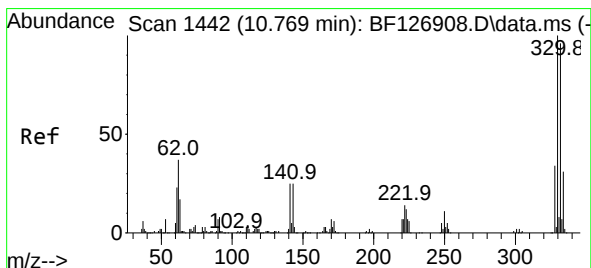
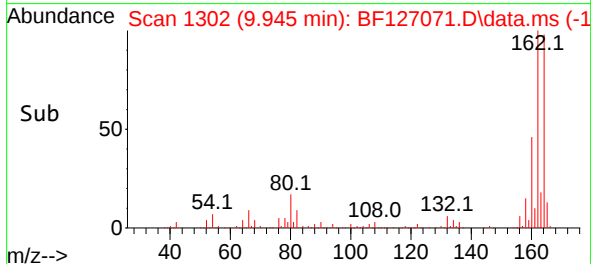
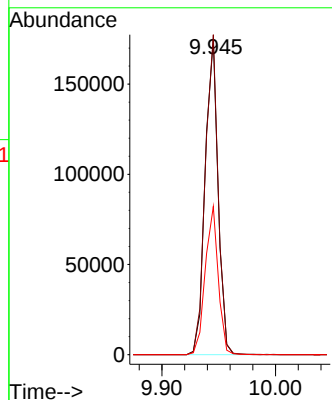
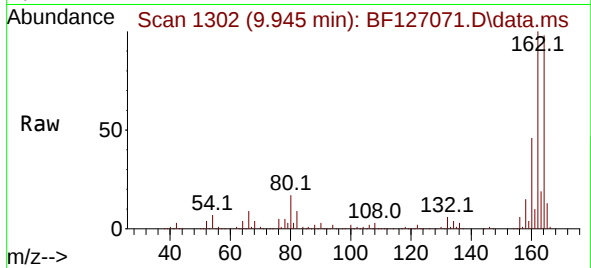




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

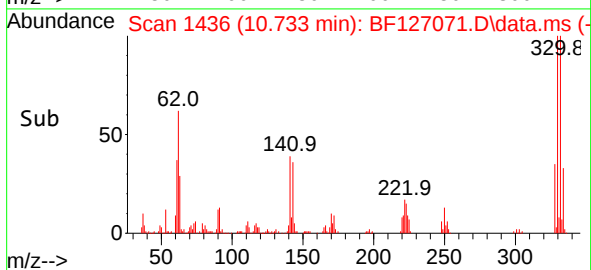
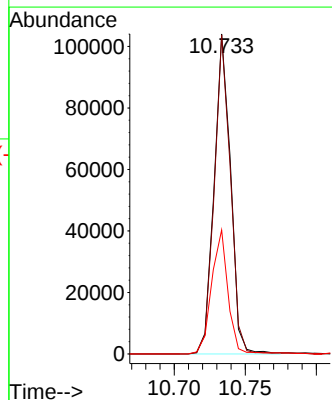
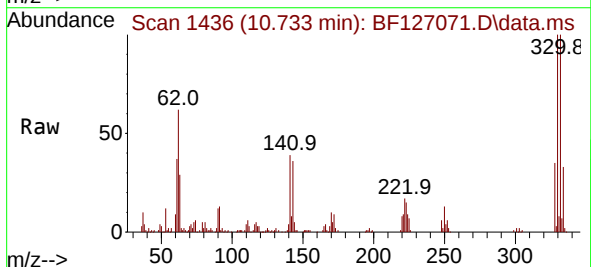
Instrument :
BNA_F
ClientSampleId :
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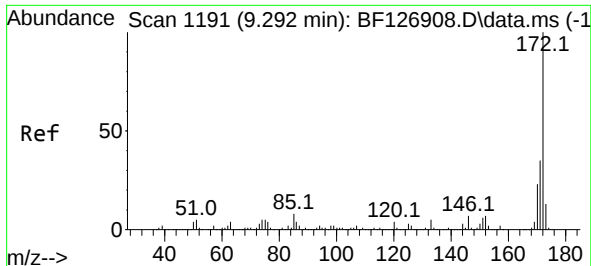
Tgt Ion:164 Resp: 137287
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 47.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 52.994 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion:330 Resp: 83767
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 39.0 30.1 45.1

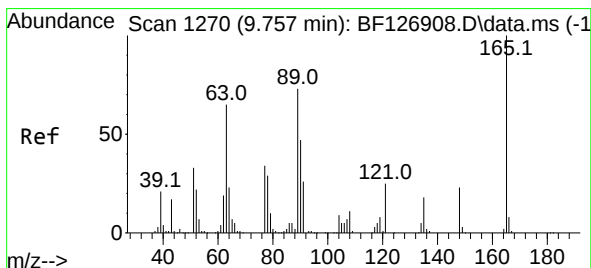
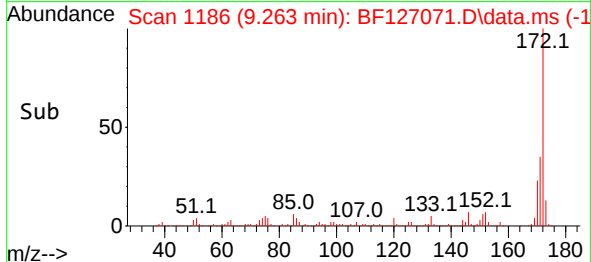
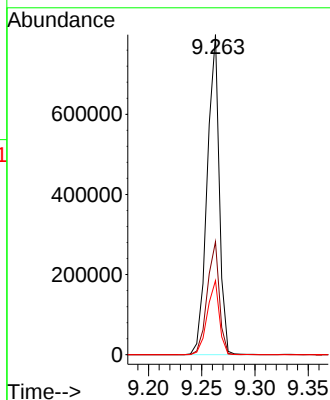
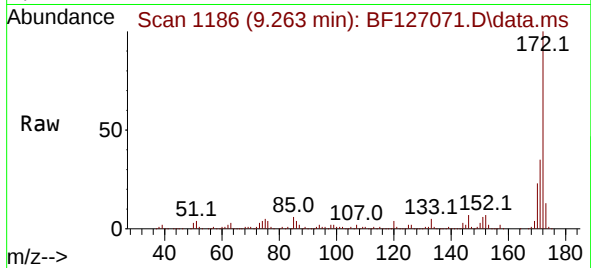




#45
2-Fluorobiphenyl
Concen: 67.687 ng
RT: 9.263 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

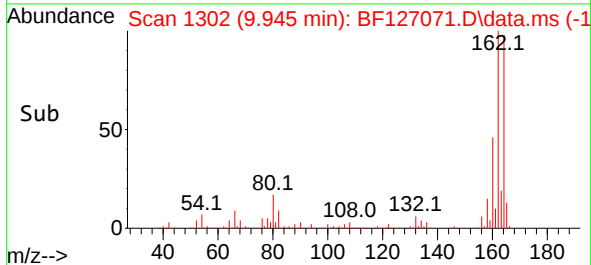
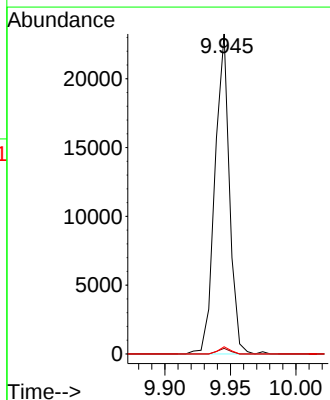
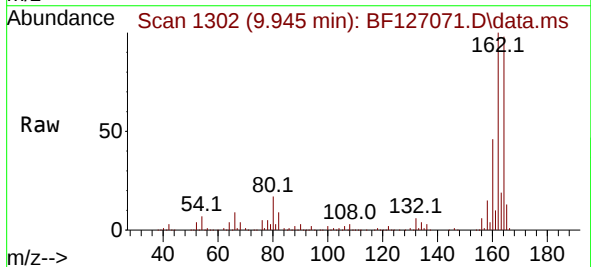
Instrument :
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ClientSampleId :
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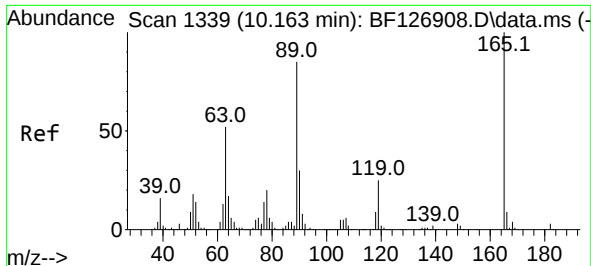
Tgt Ion:172 Resp: 631221
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.212 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion:165 Resp: 17912
Ion Ratio Lower Upper
165 100
63 1.8 48.4 72.6#
89 2.2 50.5 75.7#

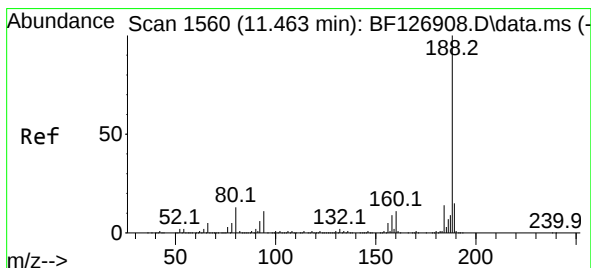
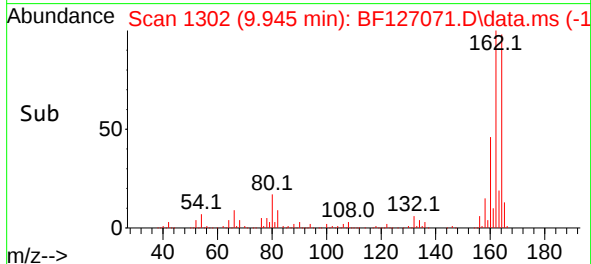
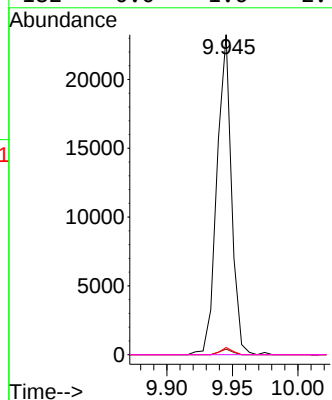
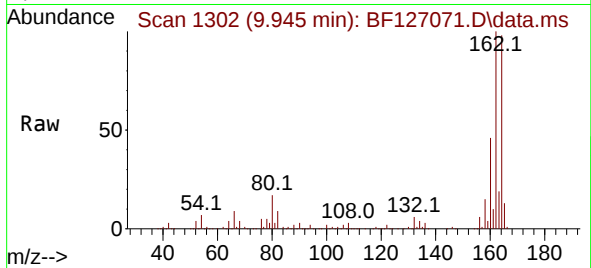




#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

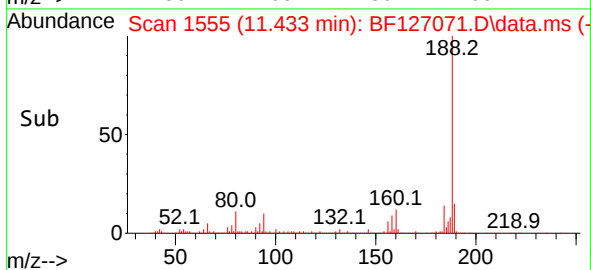
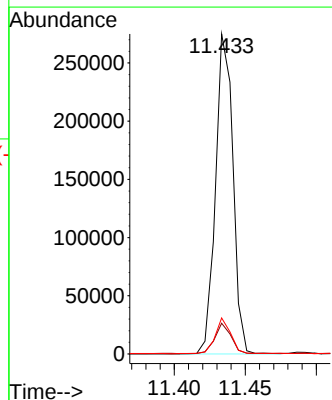
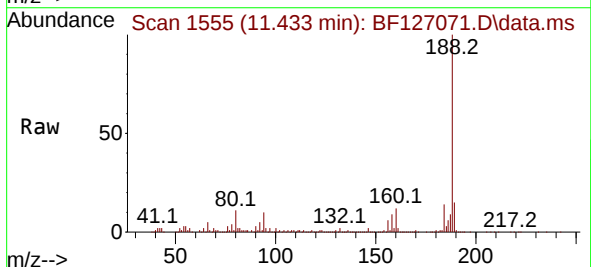
Instrument :
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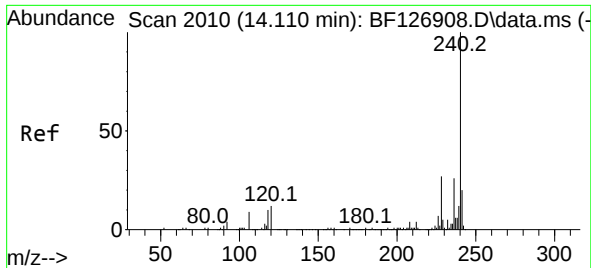
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Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 2.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Tgt Ion:188 Resp: 234387
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 11.3 11.8 17.6#

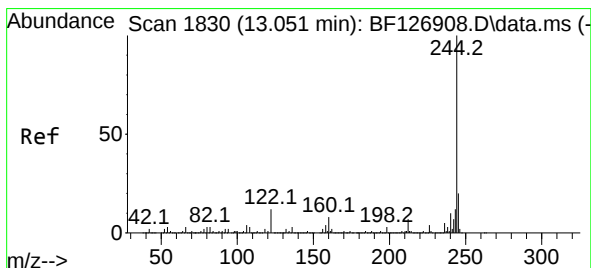
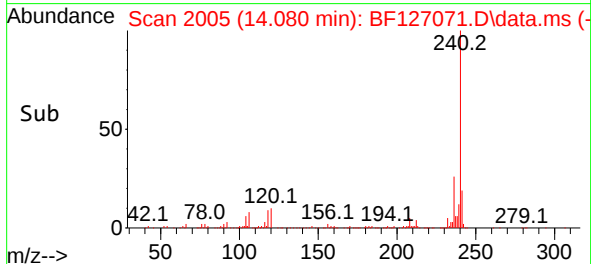
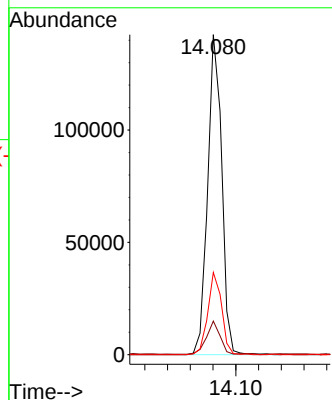
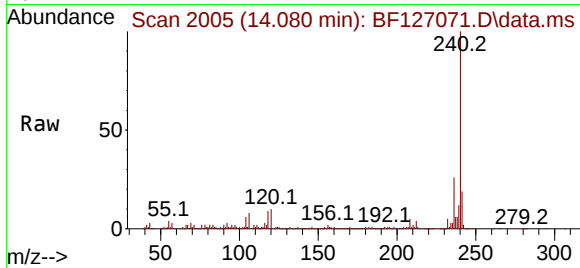




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

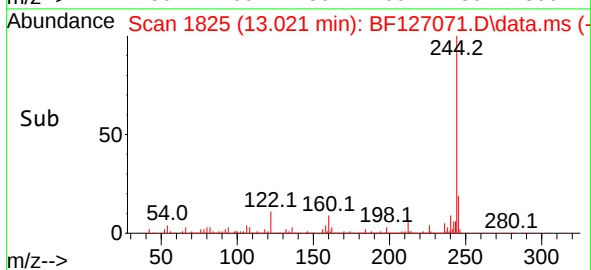
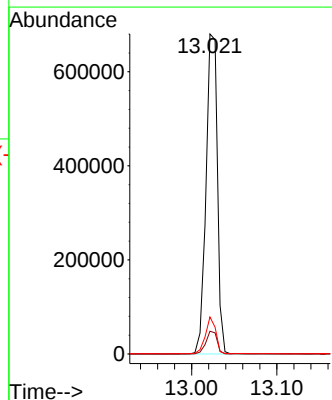
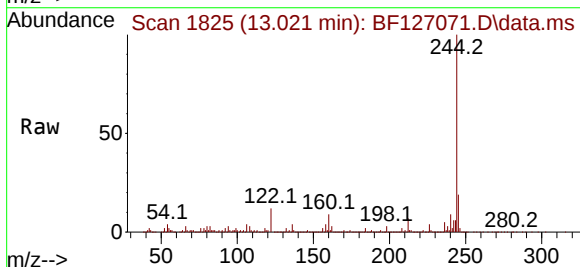
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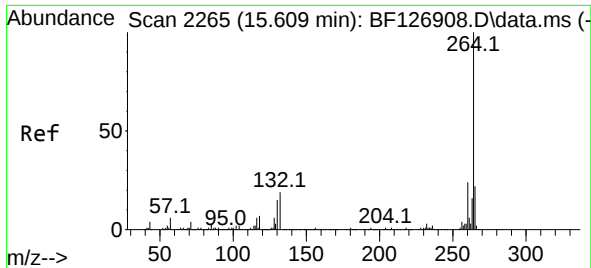
Tgt Ion:240 Resp: 122106
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 75.784 ng
RT: 13.021 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

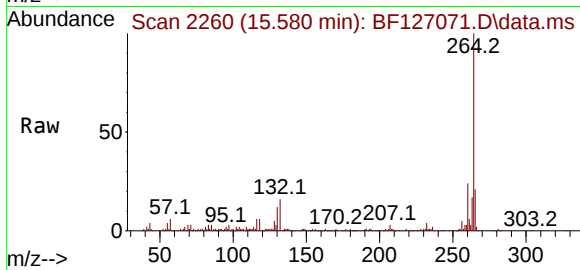
Tgt Ion:244 Resp: 629489
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127071.D
Acq: 25 Feb 2022 15:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 116782

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.4	26.2

