

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126849.D
 Acq On : 10 Feb 2022 17:54
 Operator : CG\JU
 Sample : N1449-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220042-AMENDED-NACOTE-2-COMP

Quant Time: Feb 11 03:16:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

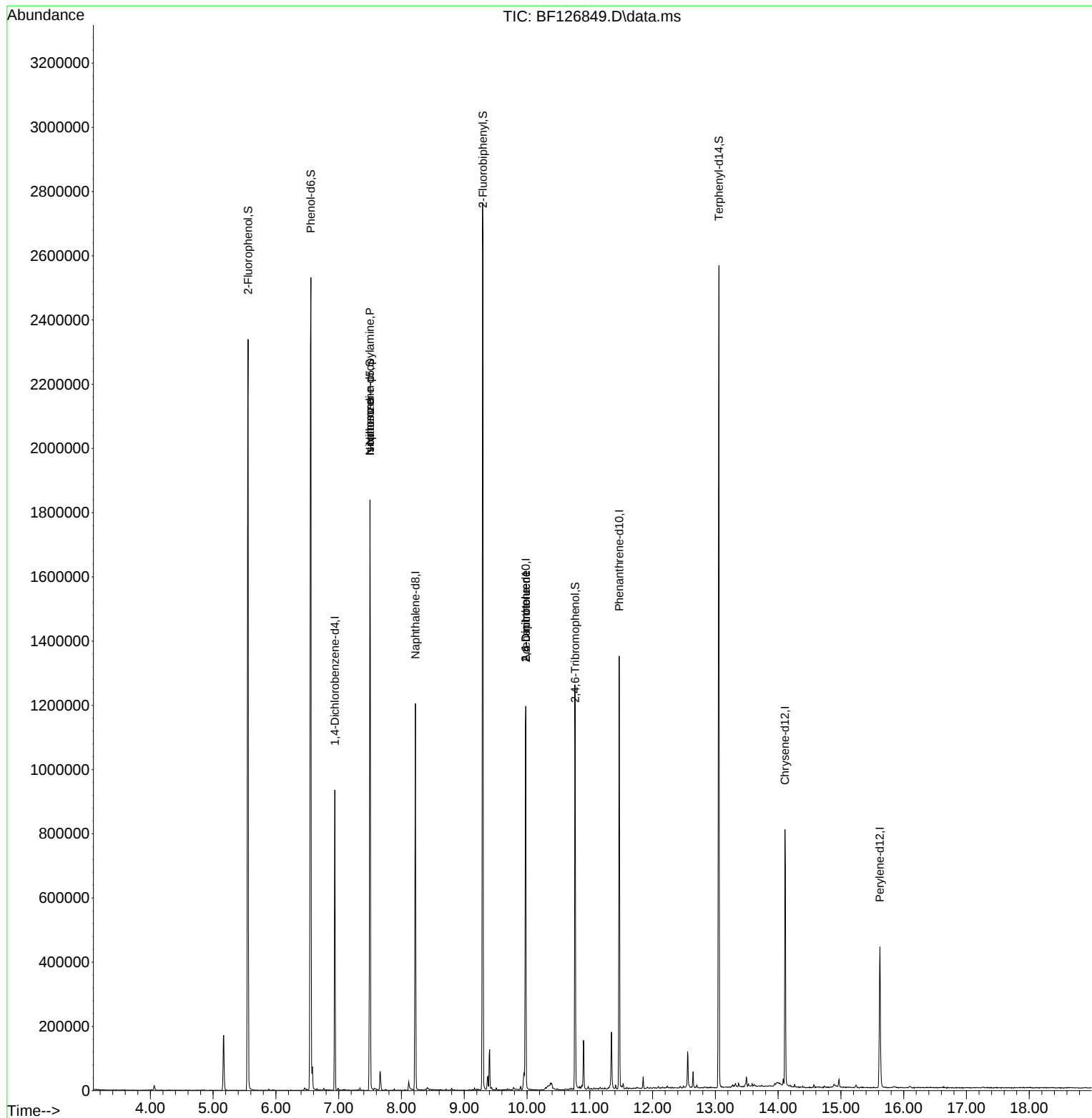
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	115472	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	466300	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	237103	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	419142	20.000	ng	0.00
76) Chrysene-d12	14.109	240	254204	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	191052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	599551	79.942	ng	0.00
7) Phenol-d6	6.557	99	894062	88.305	ng	0.00
23) Nitrobenzene-d5	7.498	82	602253	59.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.768	330	130777	51.448	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	832995	52.884	ng	0.00
79) Terphenyl-d14	13.057	244	790527	44.581	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.498	70	79920	12.465	ng	# 78
25) Isophorone	7.498	82	602243	35.569	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	31139	9.167	ng	# 20
57) 2,4-Dinitrotoluene	9.980	165	31139	6.933	ng	# 16

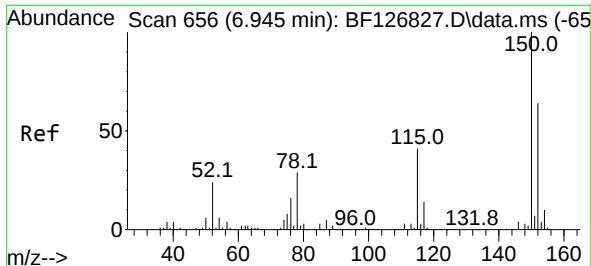
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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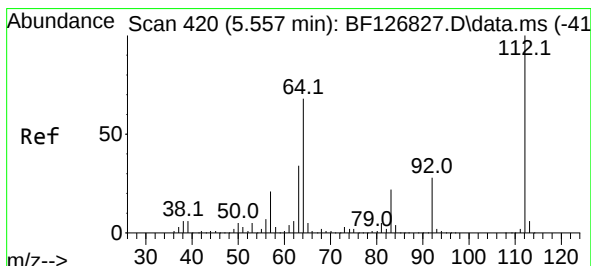
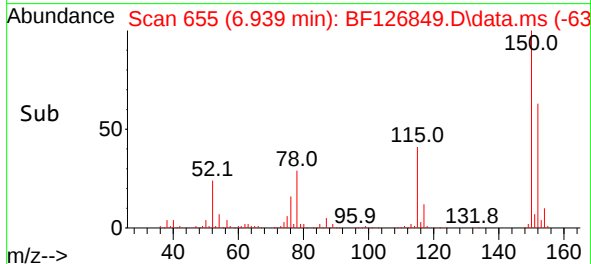
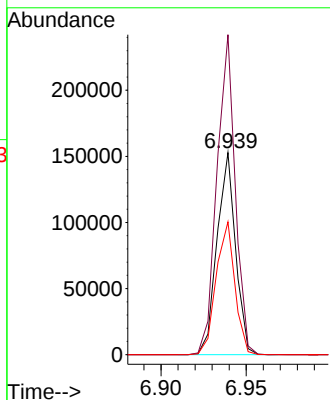
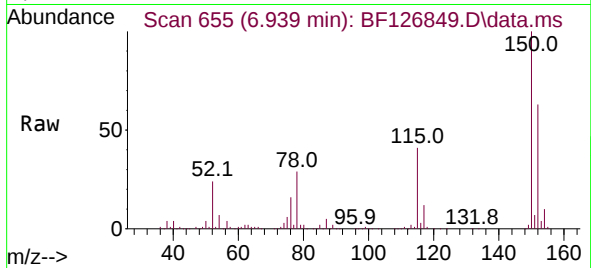




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

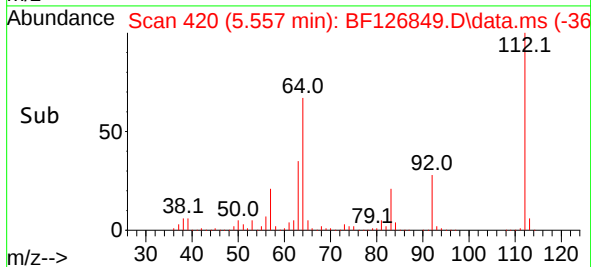
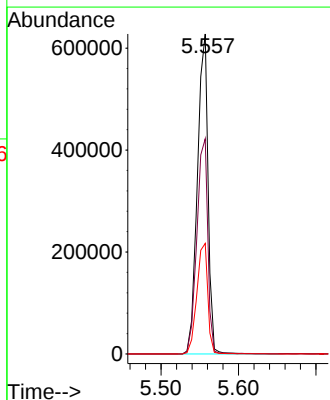
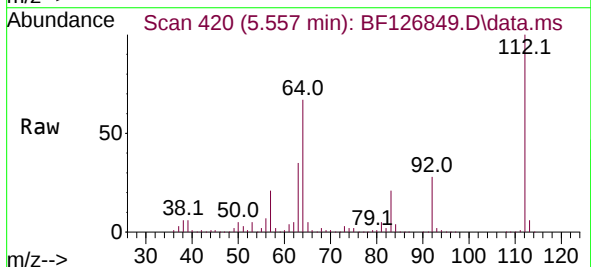
Instrument :
BNA_F
ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

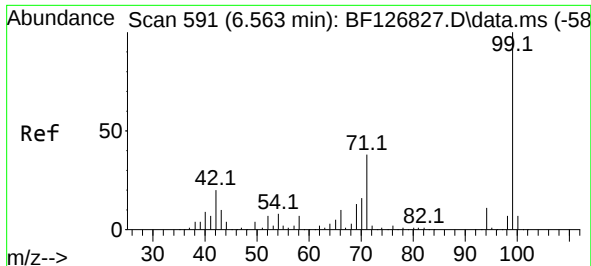
Tgt Ion:152 Resp: 115472
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 65.7 50.5 75.7



#5
2-Fluorophenol
Concen: 79.942 ng
RT: 5.557 min Scan# 420
Delta R.T. -0.000 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion:112 Resp: 599551
Ion Ratio Lower Upper
112 100
64 67.2 54.3 81.5
63 34.6 27.5 41.3

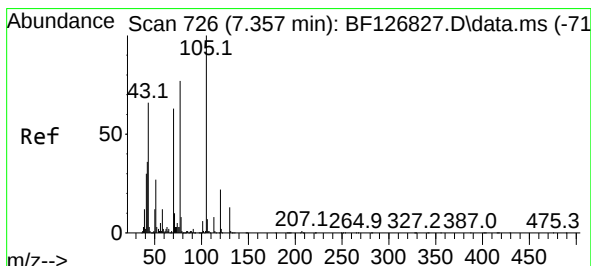
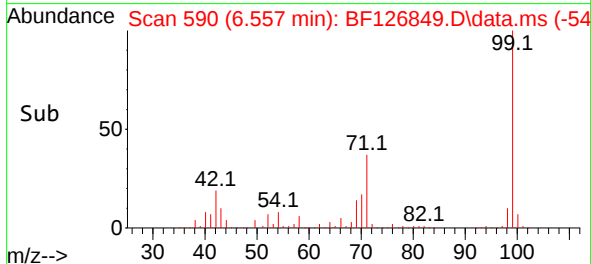
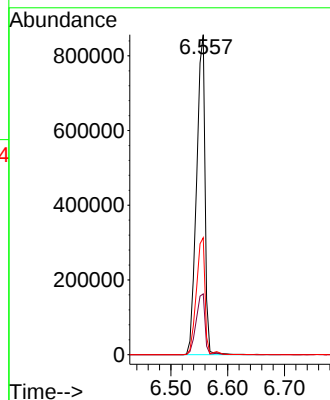
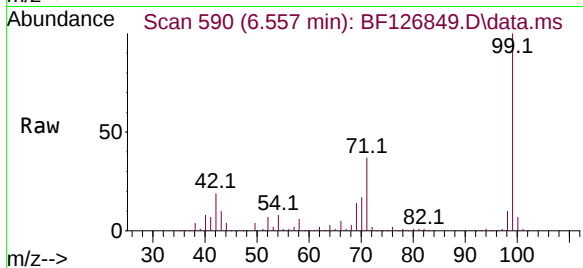




#7
Phenol-d6
Concen: 88.305 ng
RT: 6.557 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

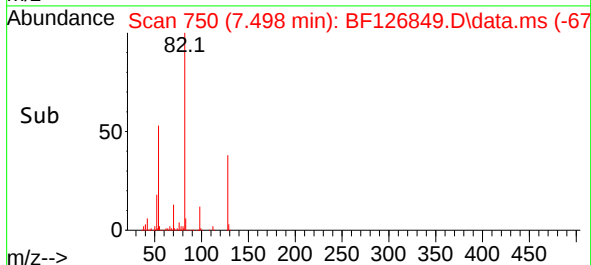
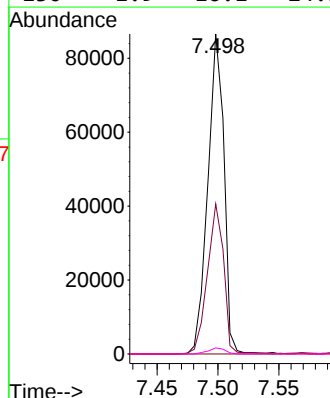
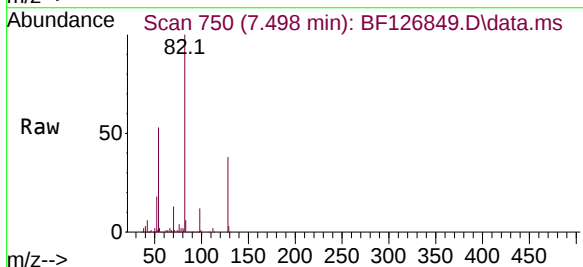
Instrument :
BNA_F
ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

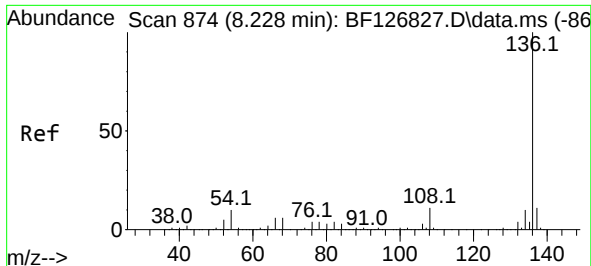
Tgt Ion: 99 Resp: 894062
Ion Ratio Lower Upper
99 100
42 19.0 15.8 23.6
71 36.5 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.465 ng
RT: 7.498 min Scan# 750
Delta R.T. 0.141 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion: 70 Resp: 79920
Ion Ratio Lower Upper
70 100
42 46.9 46.3 69.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



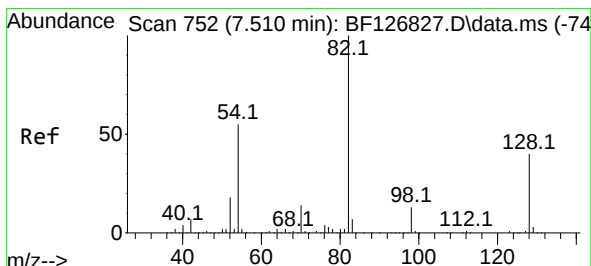
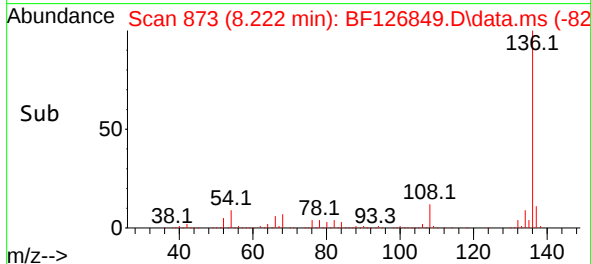
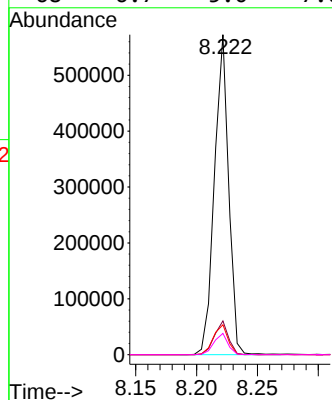
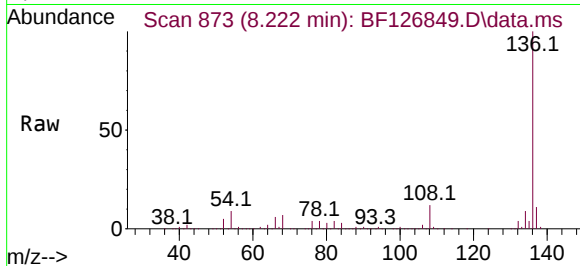


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Instrument :
BNA_F
ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

Tgt Ion:136 Resp: 466300

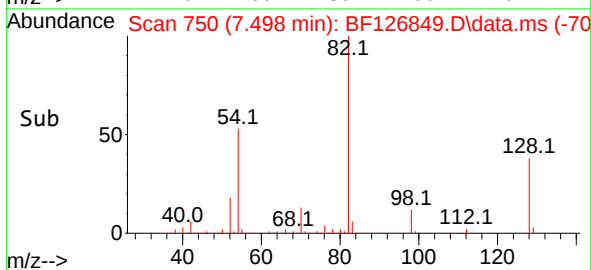
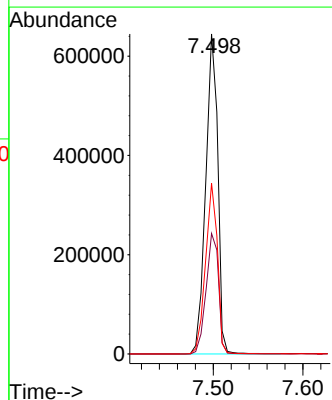
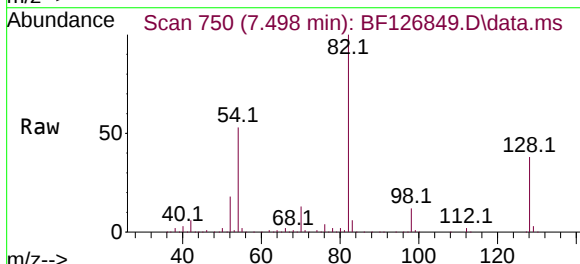
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.4	8.0	12.0
68	6.7	5.0	7.6

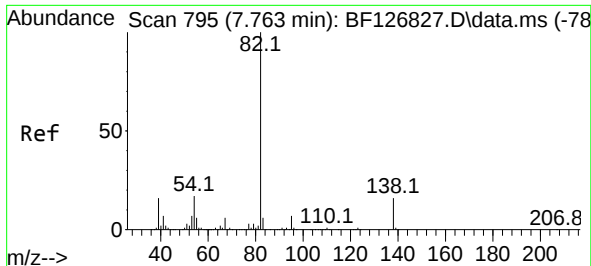


#23
Nitrobenzene-d5
Concen: 59.592 ng
RT: 7.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion: 82 Resp: 602253

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.6	47.4
54	53.3	43.7	65.5

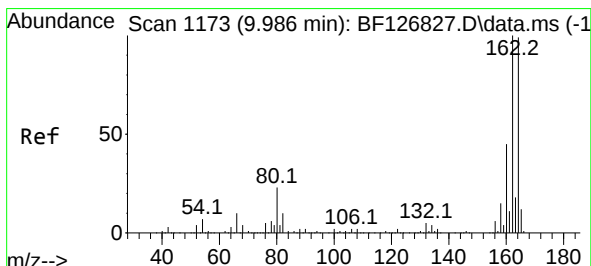
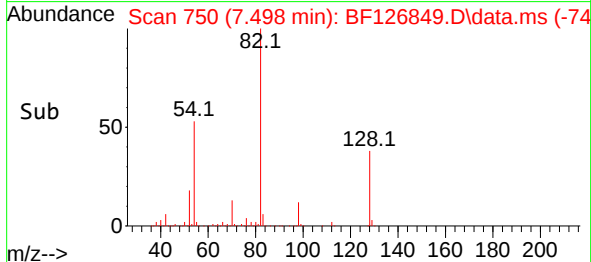
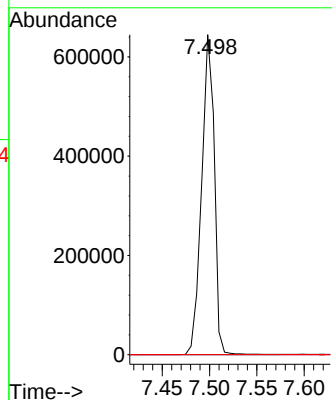
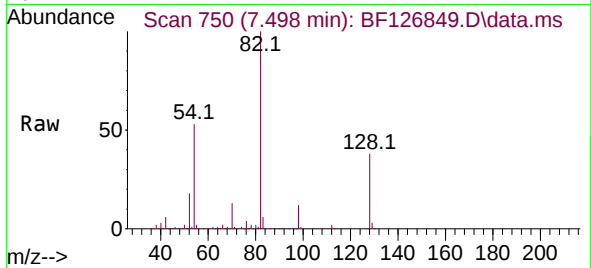




#25
Isophorone
Concen: 35.569 ng
RT: 7.498 min Scan# 71
Delta R.T. -0.265 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

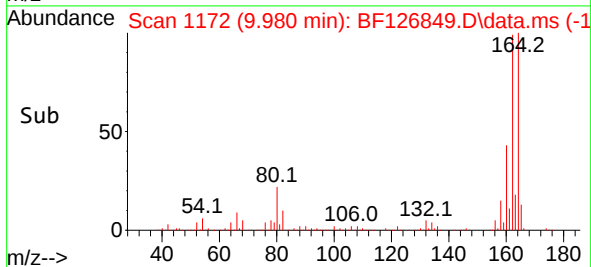
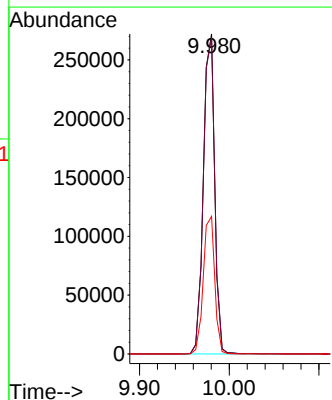
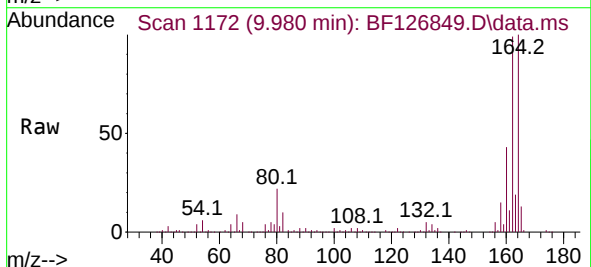
Instrument :
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ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

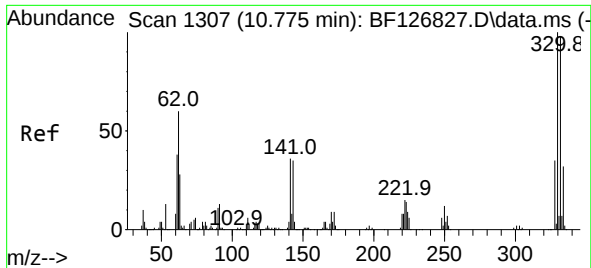
Tgt Ion: 82 Resp: 602243
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion:164 Resp: 237103
Ion Ratio Lower Upper
164 100
162 98.8 80.9 121.3
160 43.0 36.0 54.0

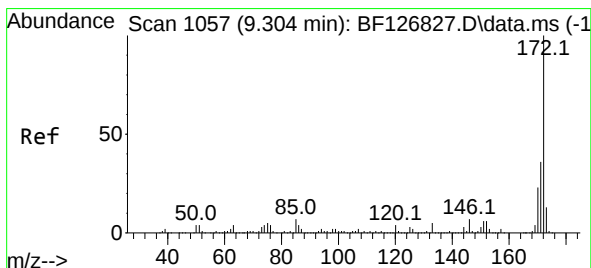
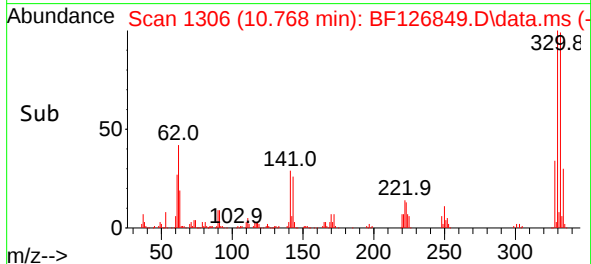
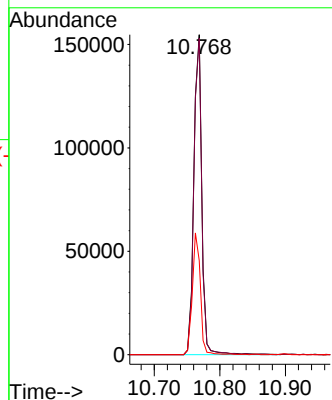
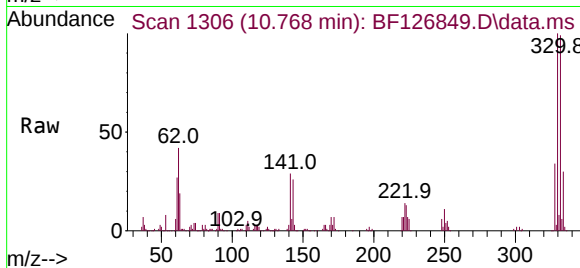




#42
2,4,6-Tribromophenol
Concen: 51.448 ng
RT: 10.768 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

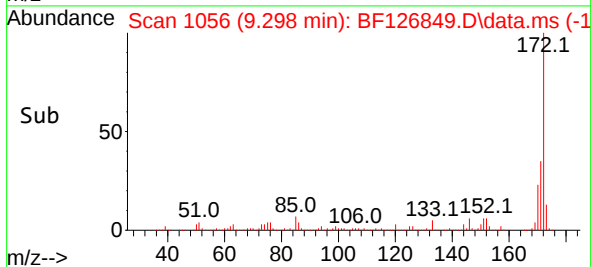
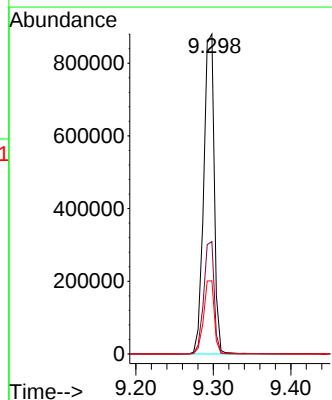
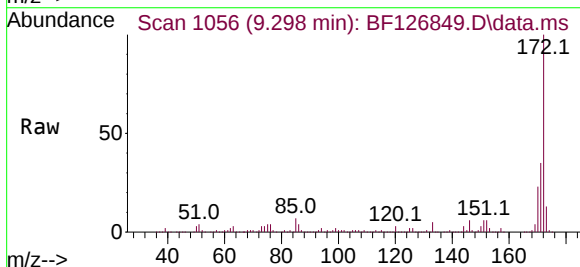
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BNA_F
ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

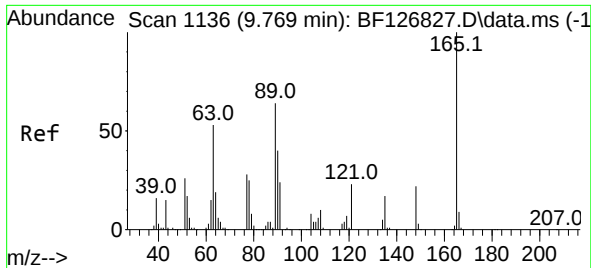
Tgt Ion:330 Resp: 130777
Ion Ratio Lower Upper
330 100
332 97.6 78.2 117.4
141 38.2 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 52.884 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion:172 Resp: 832995
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.9 18.7 28.1

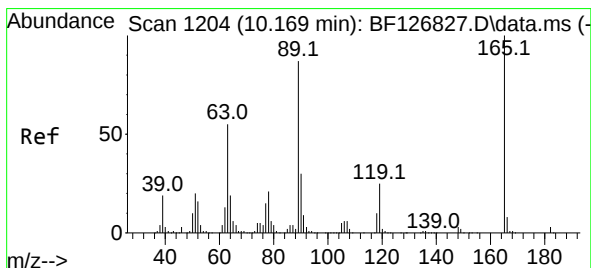
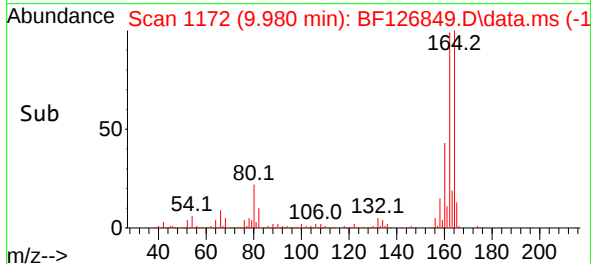
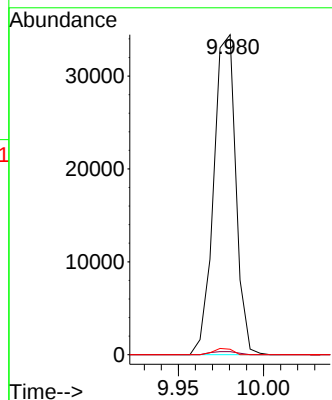
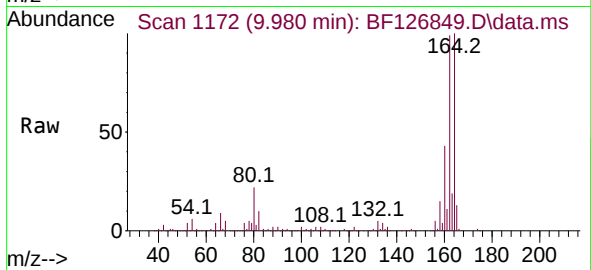




#51
2,6-Dinitrotoluene
Concen: 9.167 ng
RT: 9.980 min Scan# 1172
Delta R.T. 0.211 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

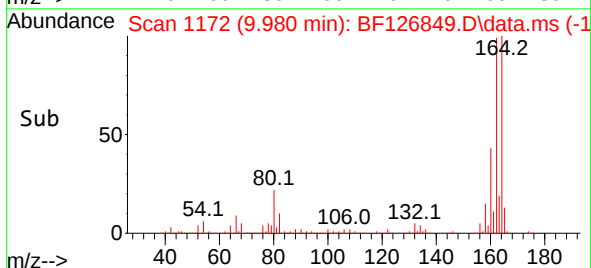
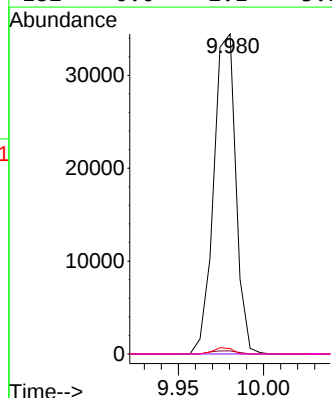
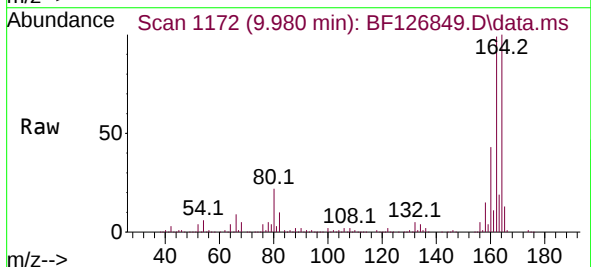
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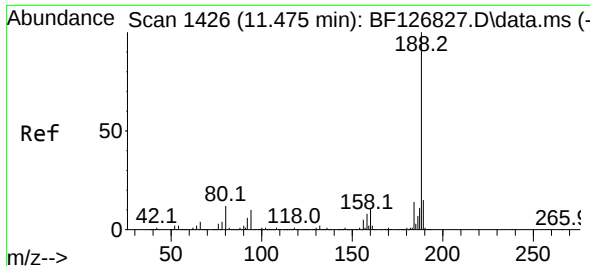
Tgt Ion:165 Resp: 31139
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.7 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.188 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion:165 Resp: 31139
Ion Ratio Lower Upper
165 100
63 1.0 43.9 65.9#
89 1.7 69.8 104.8#
182 0.0 2.1 3.1#

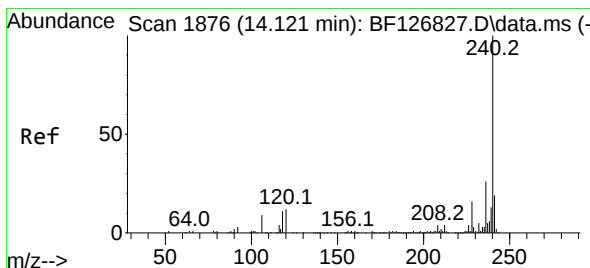
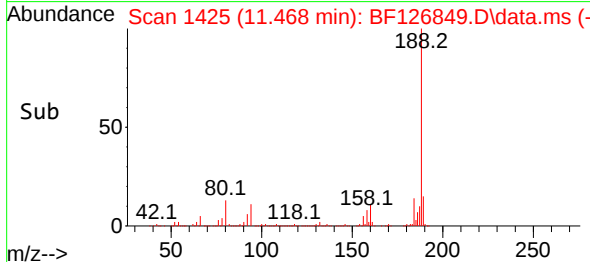
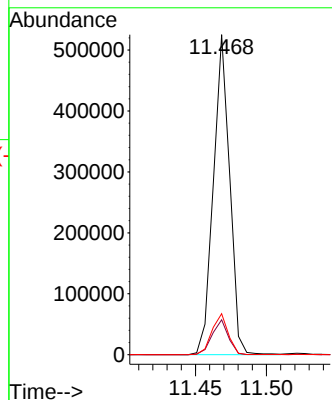
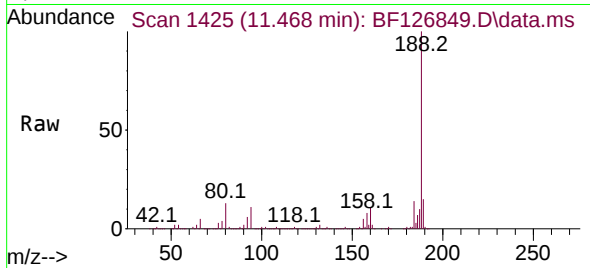




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

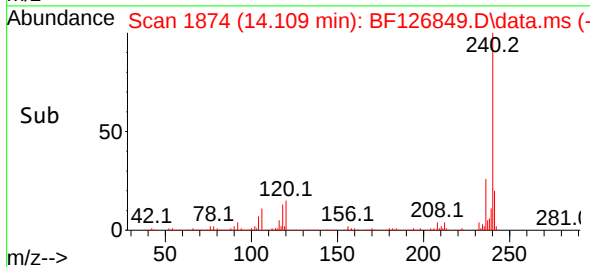
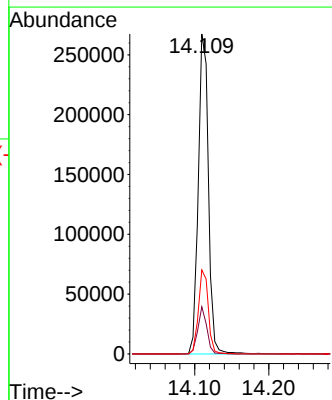
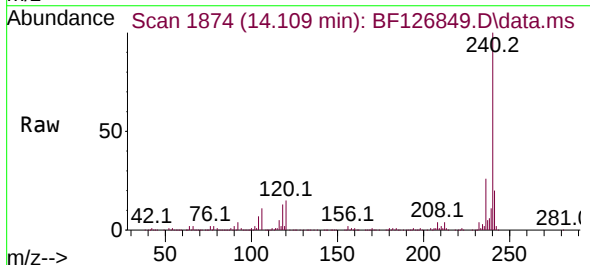
Instrument :
BNA_F
ClientSampleId :
20220042-AMENDED-NACOTE-2-COMP

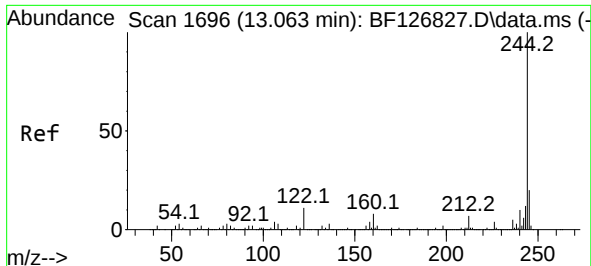
Tgt Ion:188 Resp: 419142
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 12.8 9.5 14.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126849.D
Acq: 10 Feb 2022 17:54

Tgt Ion:240 Resp: 254204
Ion Ratio Lower Upper
240 100
120 14.8 9.8 14.6#
236 26.3 20.5 30.7

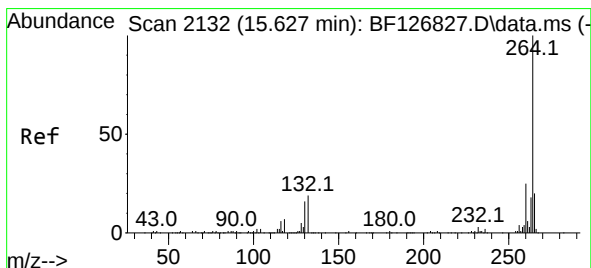
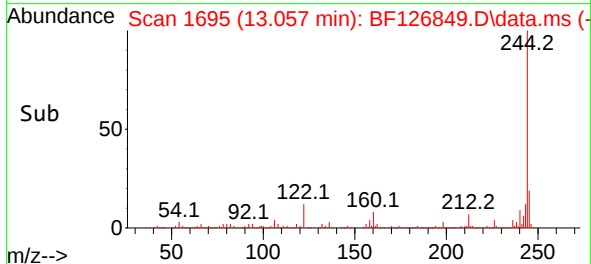
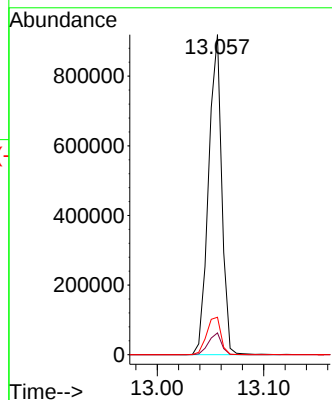
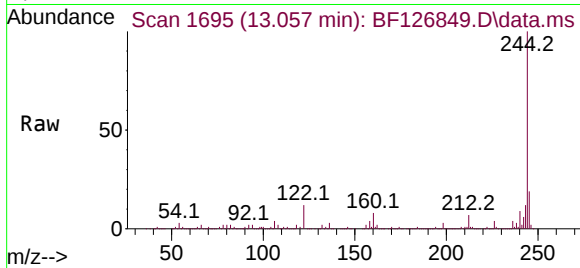




#79
 Terphenyl-d14
 Concen: 44.581 ng
 RT: 13.057 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126849.D
 Acq: 10 Feb 2022 17:54

Instrument :
 BNA_F
 ClientSampleId :
 20220042-AMENDED-NACOTE-2-COMP

Tgt Ion:244 Resp: 790527
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BF126849.D
 Acq: 10 Feb 2022 17:54

Tgt Ion:264 Resp: 191052
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 21.3 15.9 23.9

