

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122624.D
 Acq On : 9 Dec 2020 22:26
 Operator : JU/CG
 Sample : L4983-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR1-A-D-COMP

Quant Time: Dec 10 02:52:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

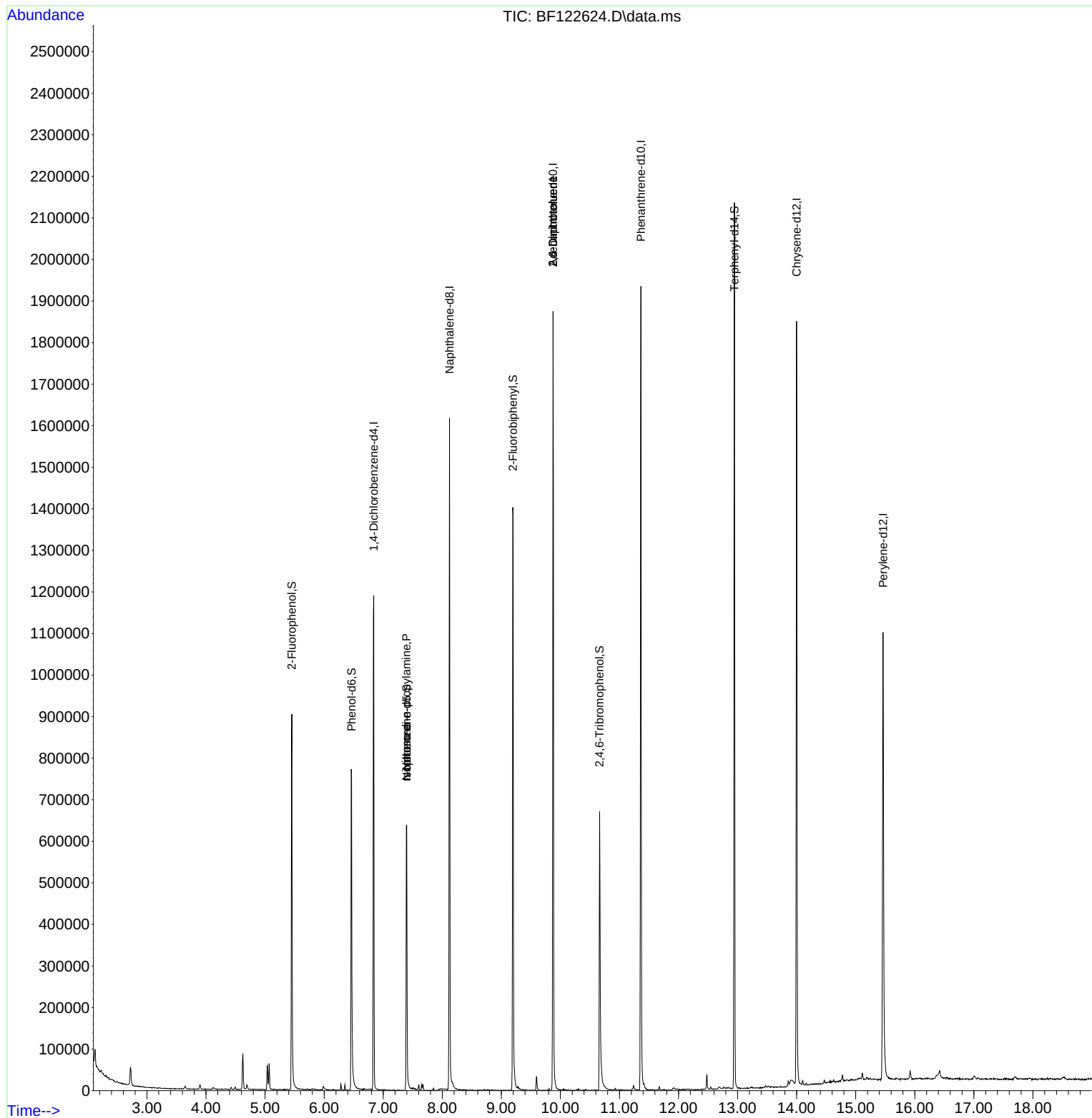
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	187440	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	739493	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	398458	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	763848	20.00	ng	0.00
76) Chrysene-d12	13.998	240	675650	20.00	ng	-0.01
86) Perylene-d12	15.463	264	559276	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	280796	23.72	ng	0.00
7) Phenol-d6	6.463	99	330627	21.06	ng	-0.02
23) Nitrobenzene-d5	7.398	82	238470	16.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	115857	22.21	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	515142	17.49	ng	0.00
79) Terphenyl-d14	12.945	244	653428	16.93	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	30181	3.36	ng	# 80
25) Isophorone	7.398	82	235250	9.25	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	51243	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	51243	5.72	ng	# 25

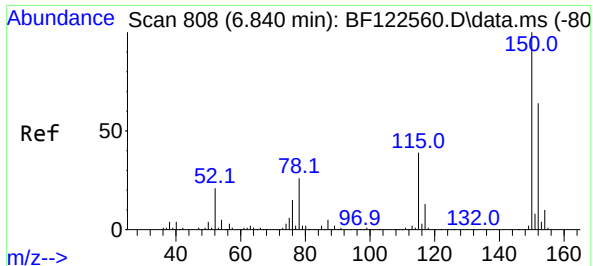
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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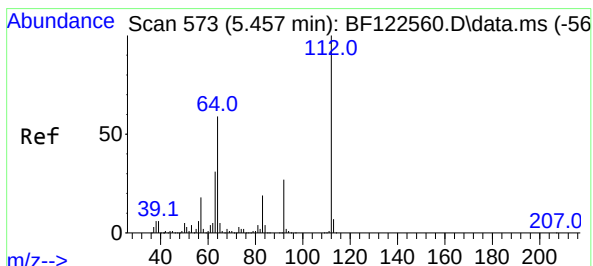
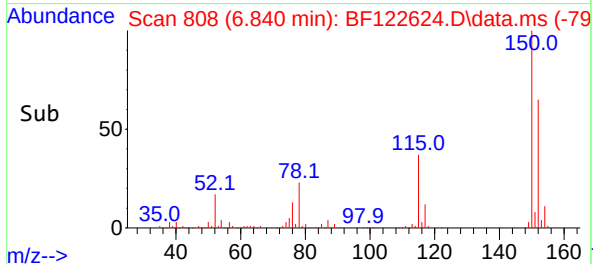
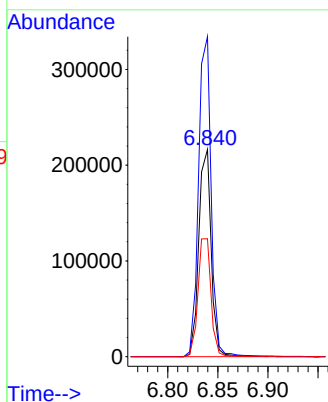
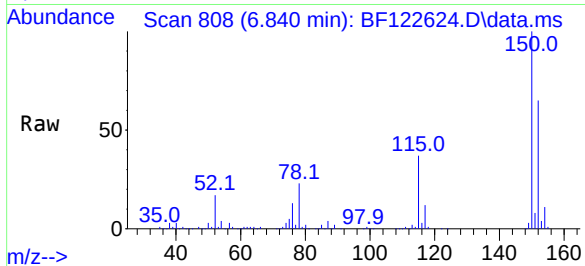




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

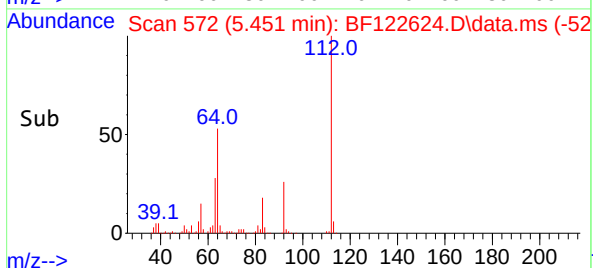
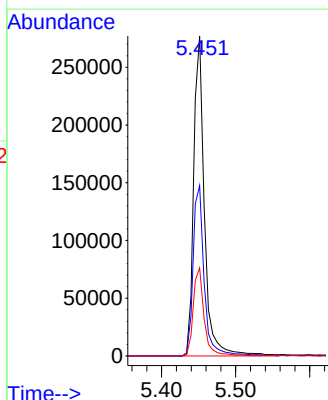
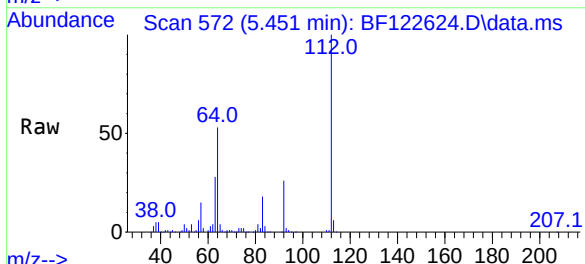
Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

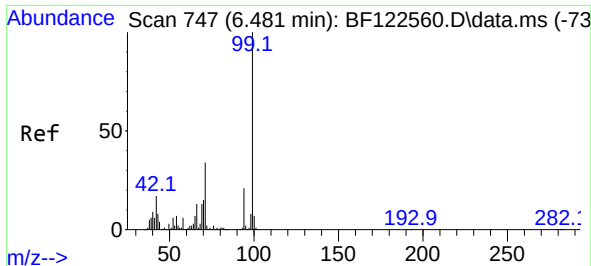
Tgt Ion:152 Resp: 187440
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 56.9 49.3 73.9



#5
2-Fluorophenol
Concen: 23.72 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion:112 Resp: 280796
Ion Ratio Lower Upper
112 100
64 53.2 46.9 70.3
63 27.5 24.5 36.7

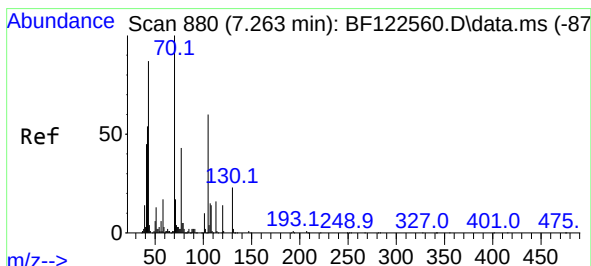
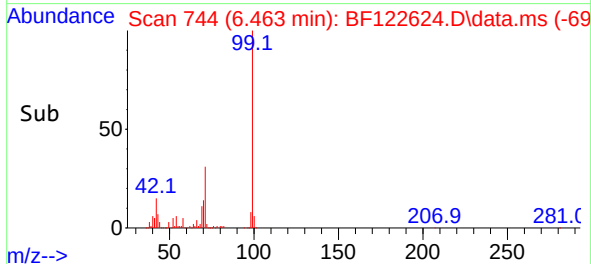
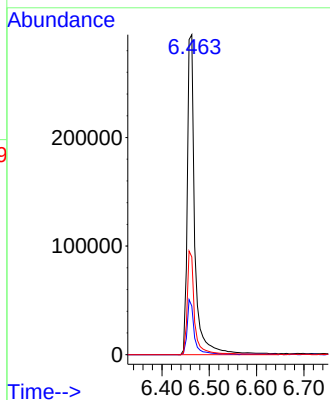
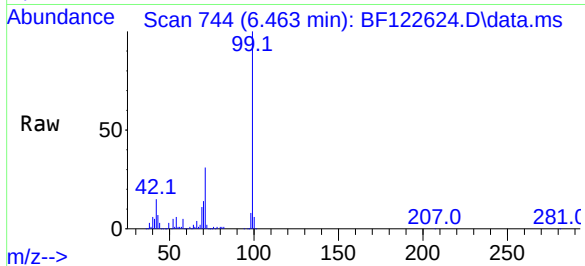




#7
Phenol-d6
Concen: 21.06 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

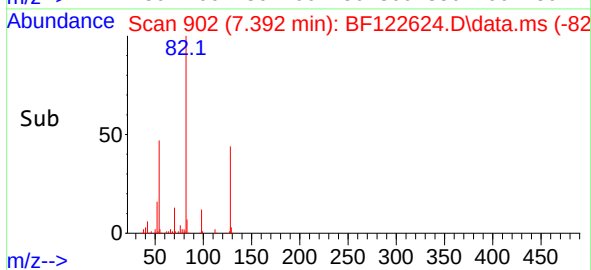
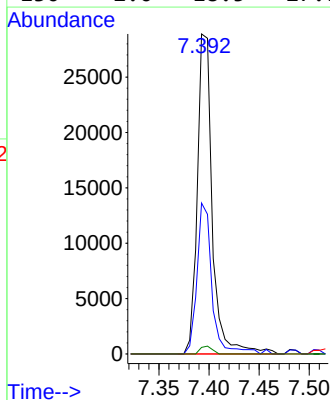
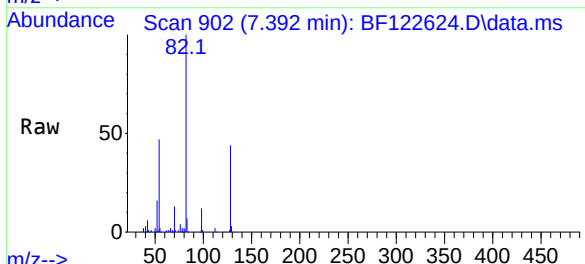
Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

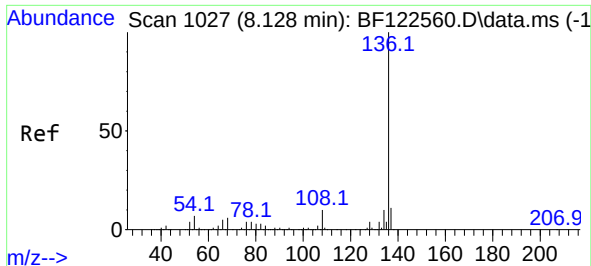
Tgt Ion: 99 Resp: 330627
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.6
71 30.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.36 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion: 70 Resp: 30181
Ion Ratio Lower Upper
70 100
42 47.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



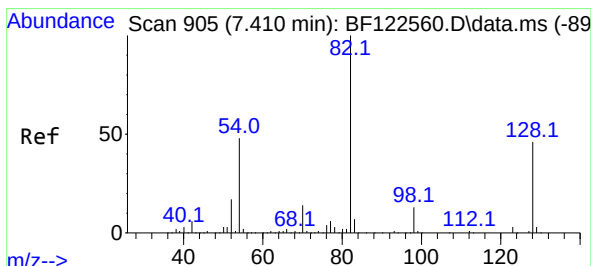
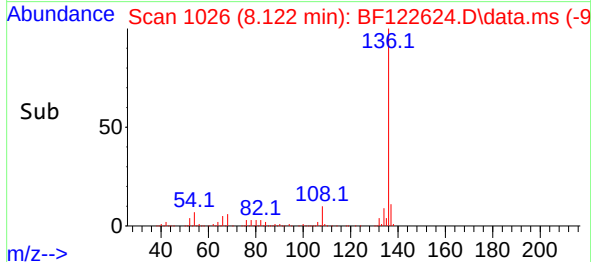
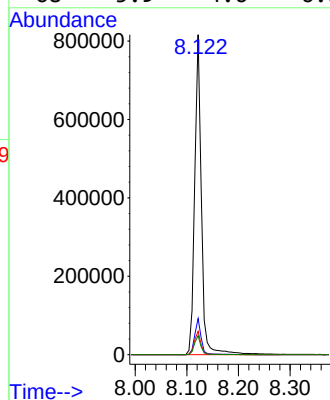
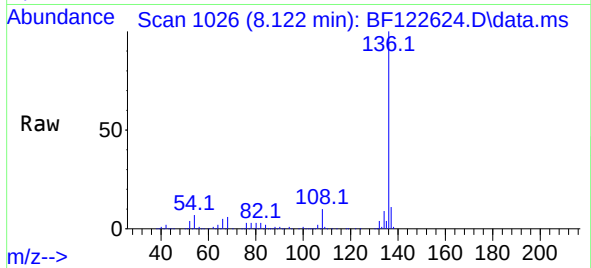


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Instrument :
BNA_F
ClientSampleId :
TR1-A-D-COMP

Tgt Ion:136 Resp: 739493

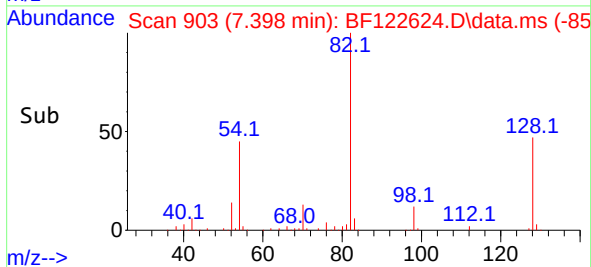
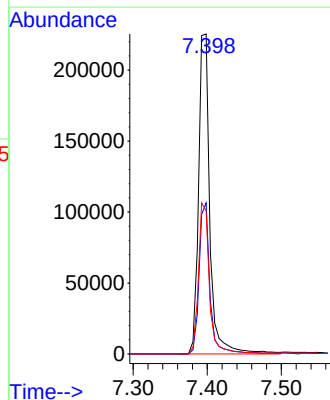
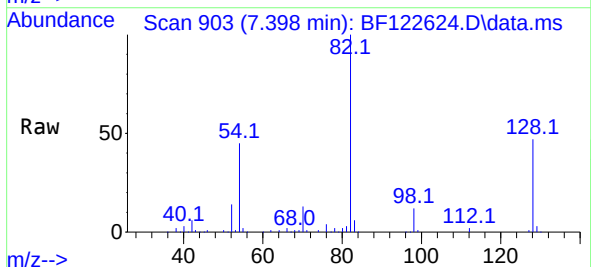
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.3	5.5	8.3
68	5.9	4.6	6.8

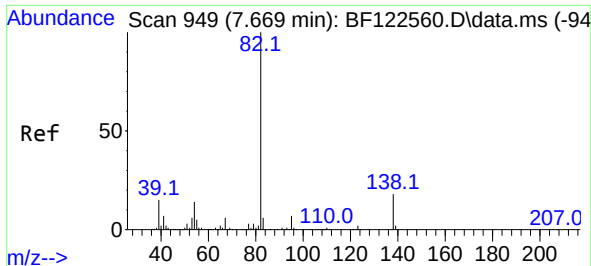


#23
Nitrobenzene-d5
Concen: 16.16 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion: 82 Resp: 238470

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.4
54	44.7	38.4	57.6

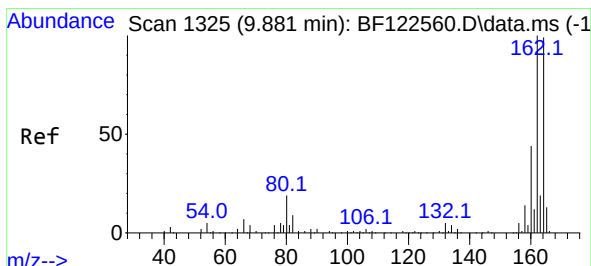
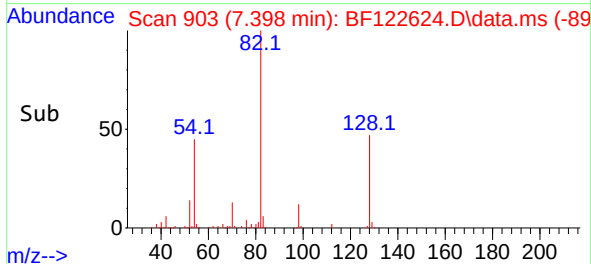
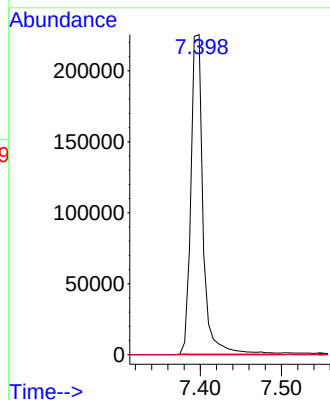
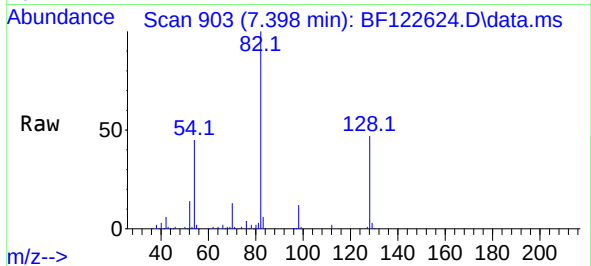




#25
Isophorone
Concen: 9.25 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

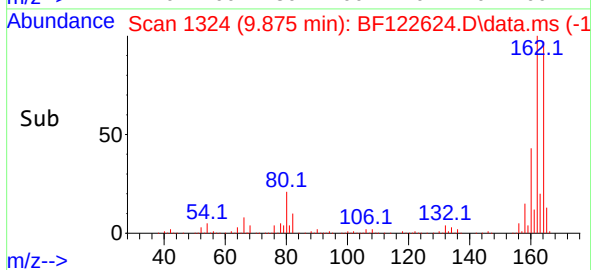
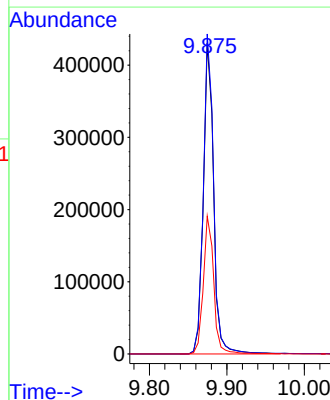
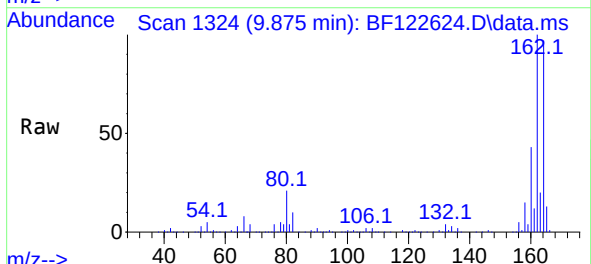
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ClientSampleId :
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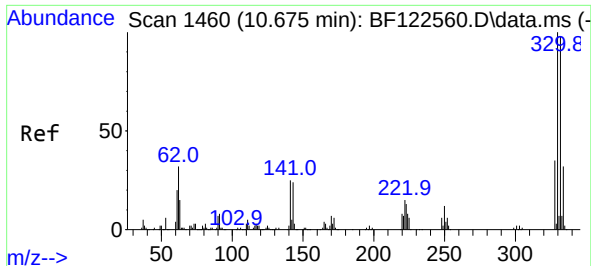
Tgt Ion: 82 Resp: 235250
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion: 164 Resp: 398458
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.3 35.4 53.0

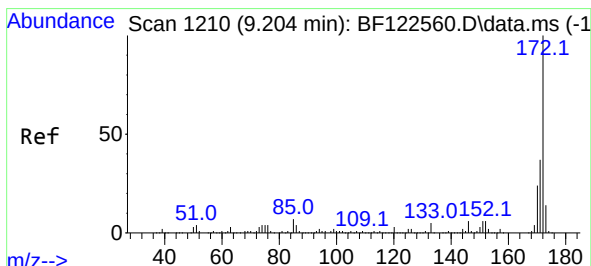
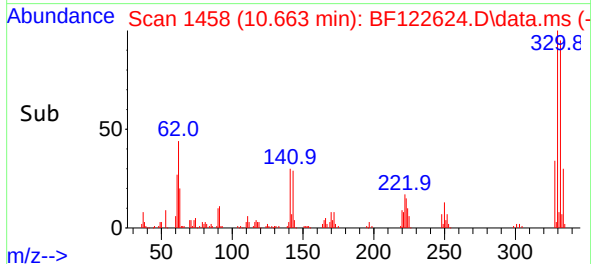
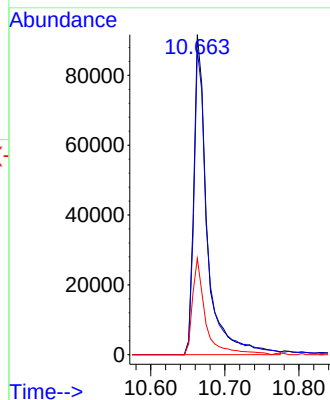
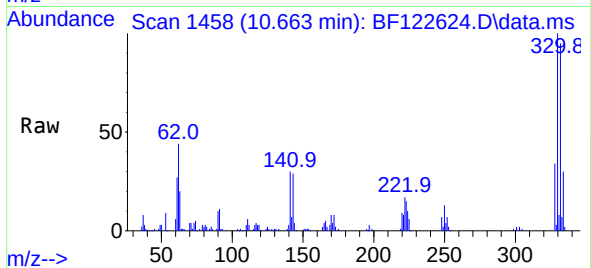




#42
2,4,6-Tribromophenol
Concen: 22.21 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

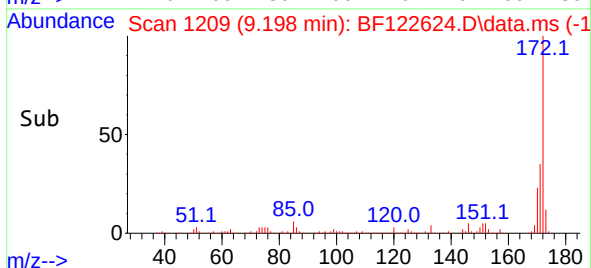
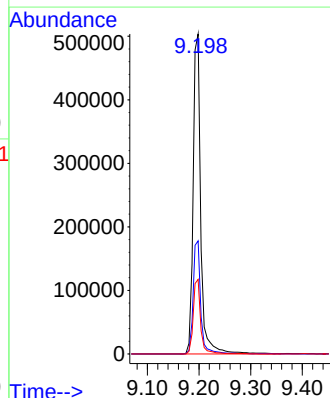
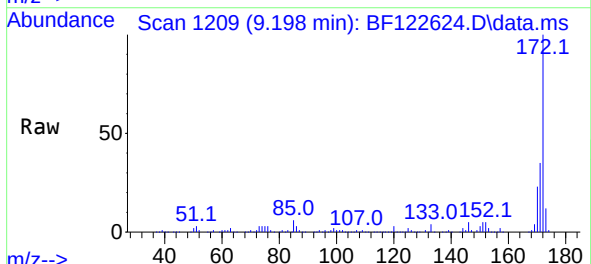
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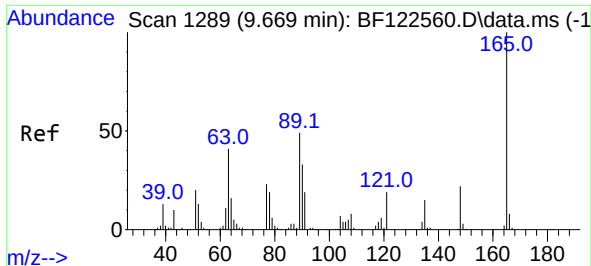
Tgt Ion: 330 Resp: 115857
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 29.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 17.49 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion: 172 Resp: 515142
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.3 19.5 29.3

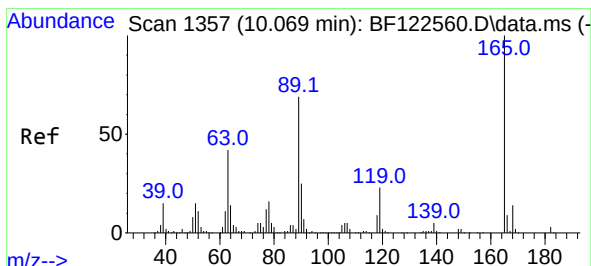
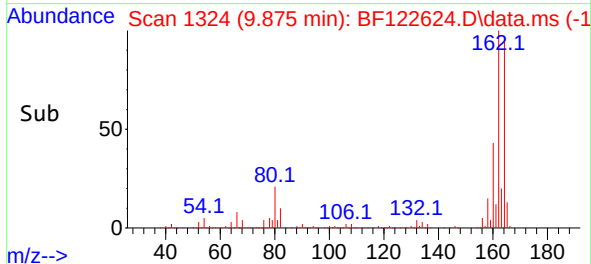
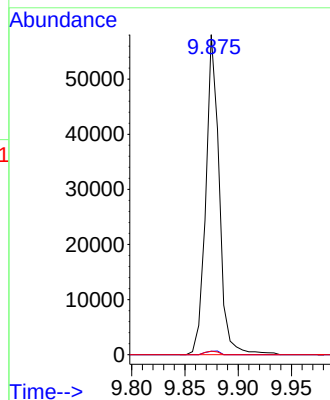
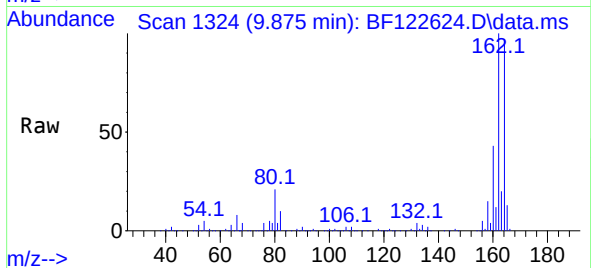




#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

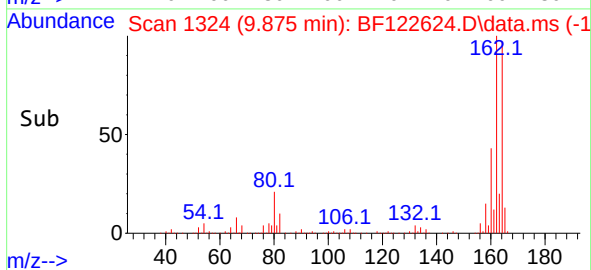
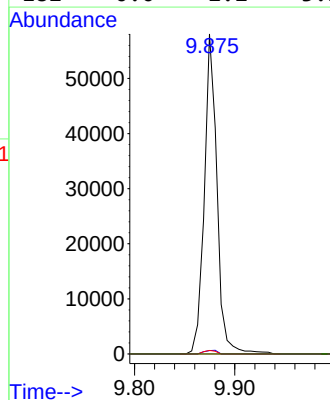
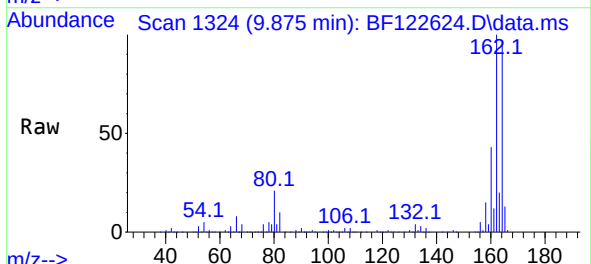
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TR1-A-D-COMP

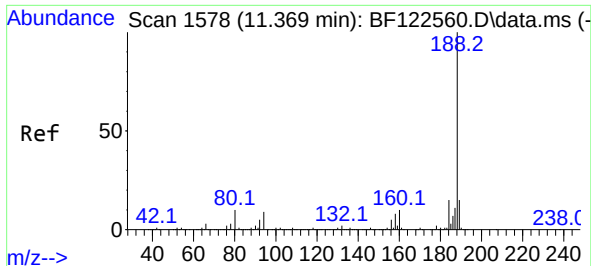
Tgt Ion:165 Resp: 51243
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

Tgt Ion:165 Resp: 51243
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#

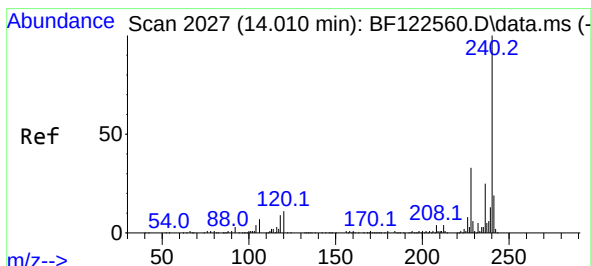
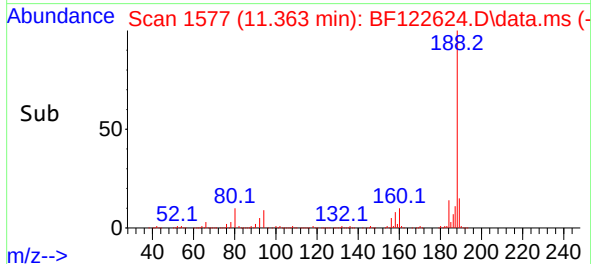
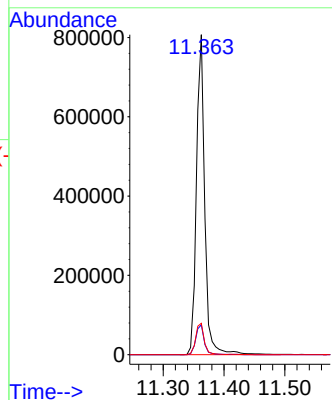
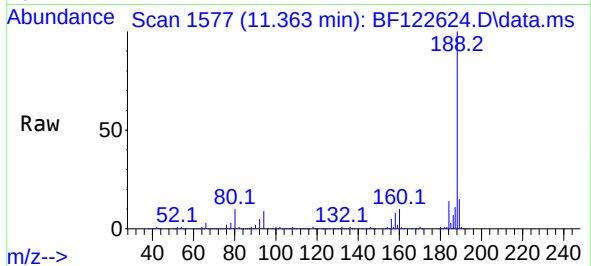




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

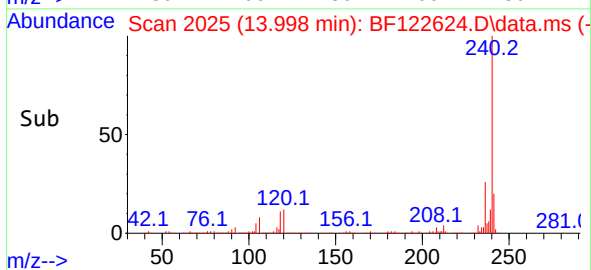
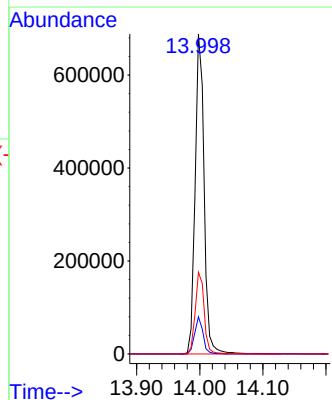
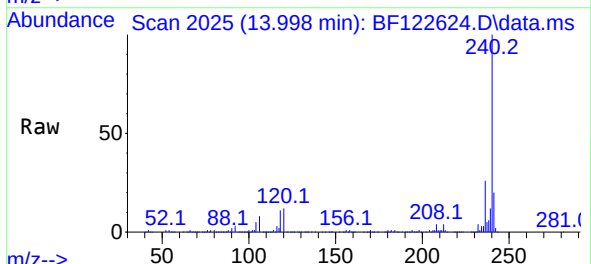
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TR1-A-D-COMP

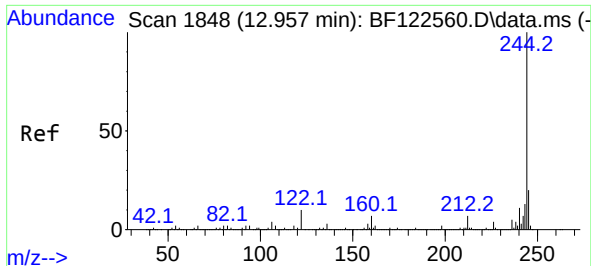
Tgt Ion:188 Resp: 763848
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122624.D
Acq: 9 Dec 2020 22:26

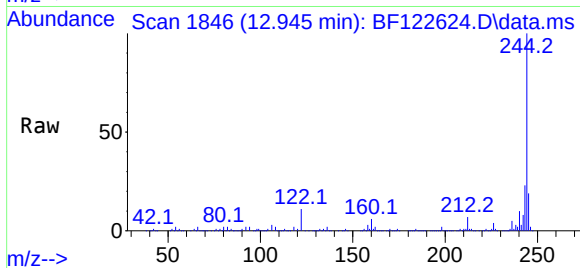
Tgt Ion:240 Resp: 675650
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.5 20.3 30.5





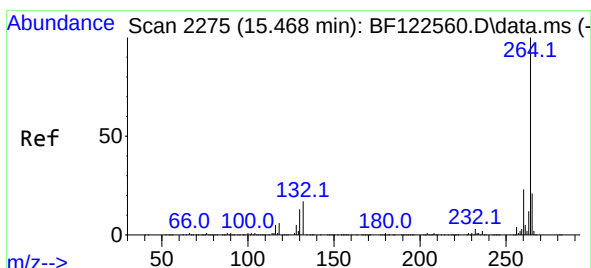
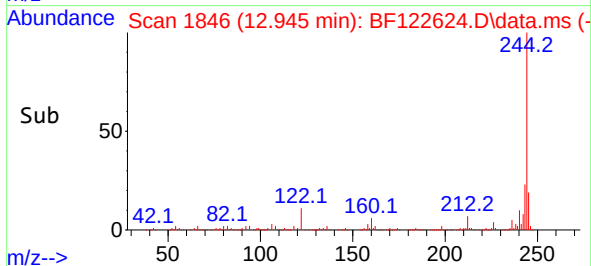
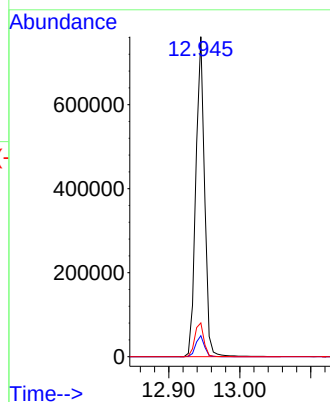
#79
 Terphenyl-d14
 Concen: 16.93 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF122624.D
 Acq: 9 Dec 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 TR1-A-D-COMP



Tgt Ion:244 Resp: 653428

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.6	8.3	12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122624.D
 Acq: 9 Dec 2020 22:26

Tgt Ion:264 Resp: 559276

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.1	17.0	25.6

