

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122768.D
 Acq On : 17 Dec 2020 17:06
 Operator : JU/CG
 Sample : PB133592BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133592BL

Quant Time: Dec 17 17:43:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

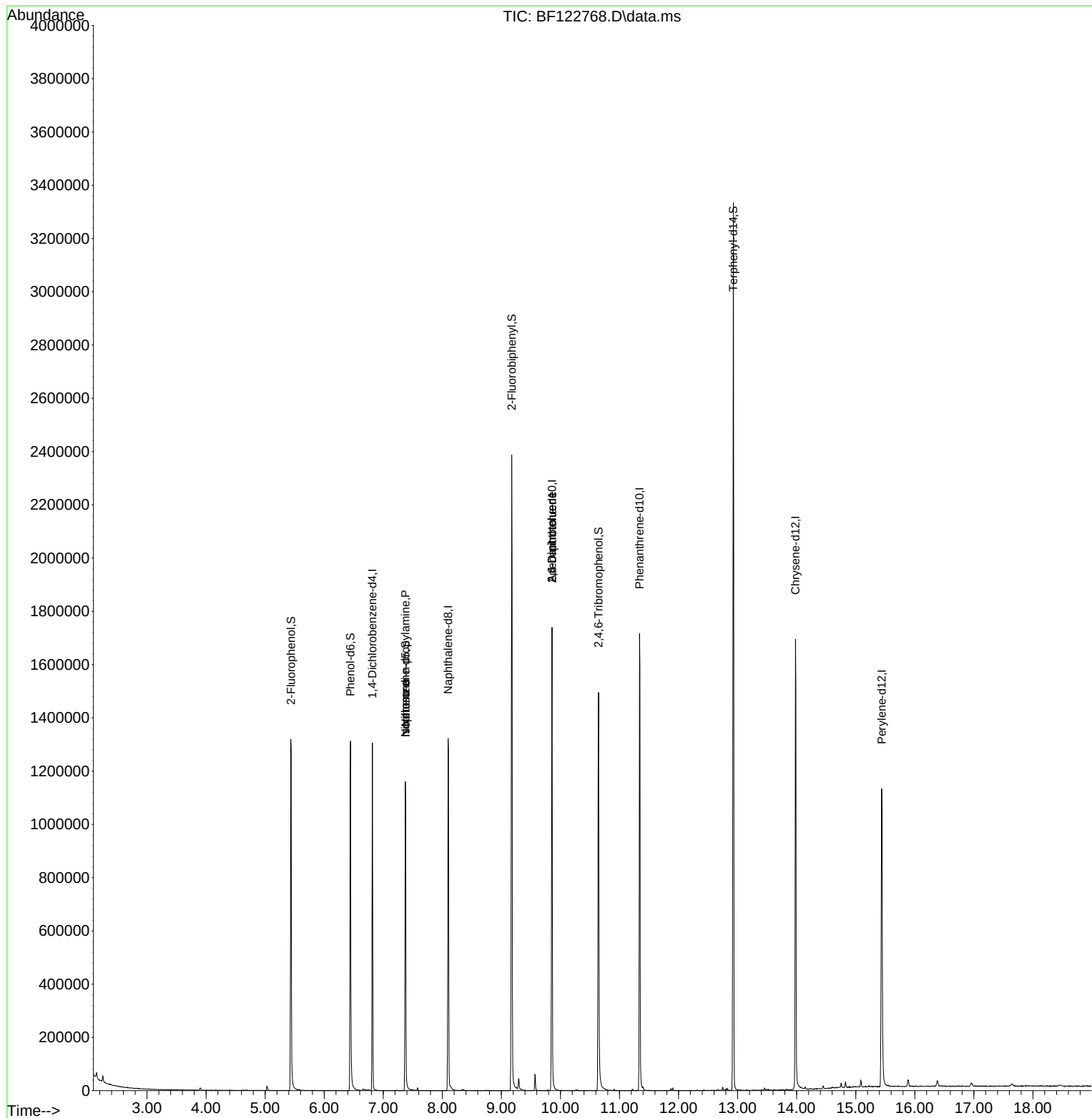
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183271	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	718862	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	380598	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	705550	20.00	ng	0.00
76) Chrysene-d12	13.980	240	657065	20.00	ng	0.00
86) Perylene-d12	15.439	264	599880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	429880	37.13	ng	0.00
7) Phenol-d6	6.445	99	491579	32.02	ng	-0.01
23) Nitrobenzene-d5	7.375	82	423542	29.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	225357	45.24	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	869547	30.90	ng	-0.01
79) Terphenyl-d14	12.927	244	1047589	27.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	55095	6.26	ng	# 78
25) Isophorone	7.375	82	423535	17.14	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48113	7.49	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	48113	5.63	ng	# 25

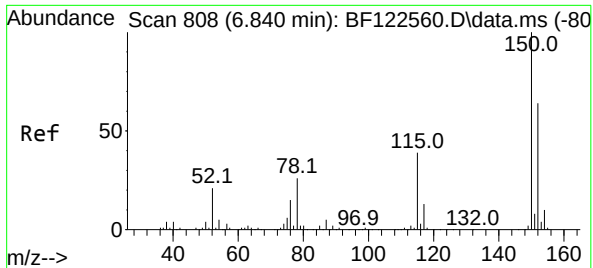
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

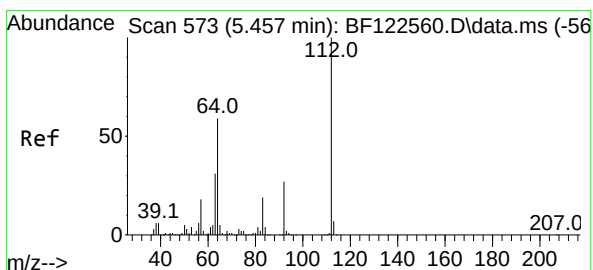
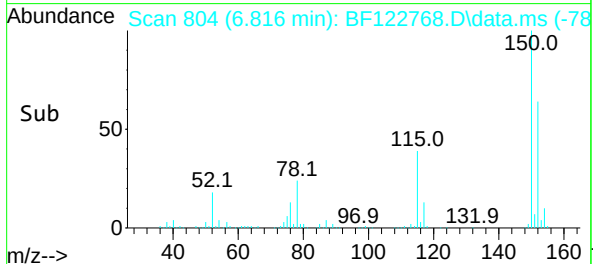
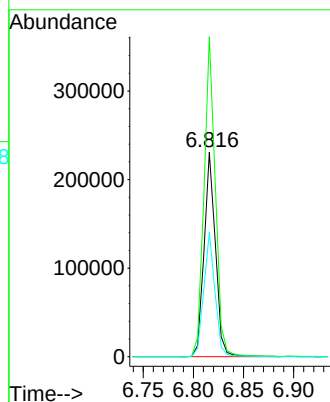
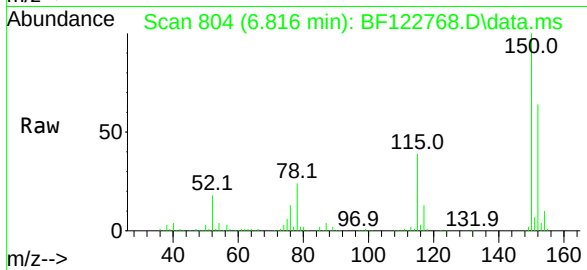




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

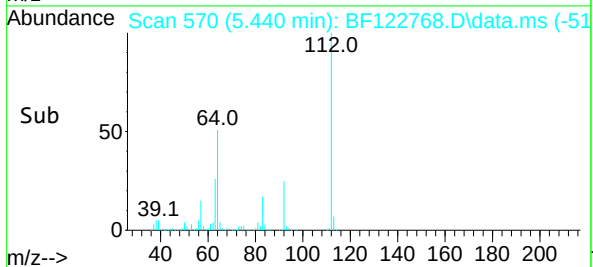
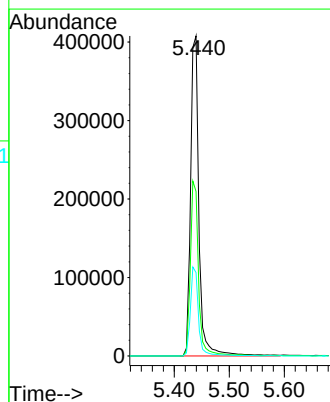
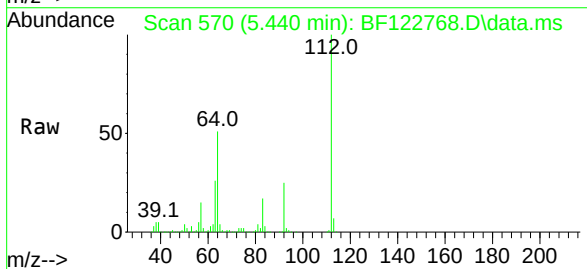
Instrument :
BNA_F
ClientSampleId :
PB133592BL

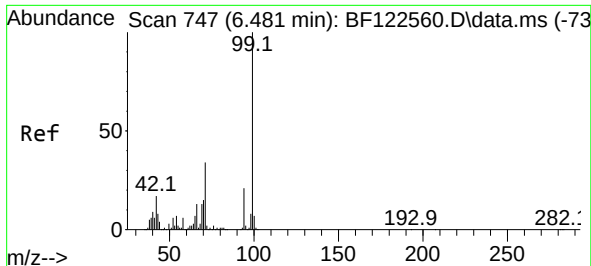
Tgt Ion:152 Resp: 183271
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 37.13 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Tgt Ion:112 Resp: 429880
Ion Ratio Lower Upper
112 100
64 51.4 46.9 70.3
63 26.1 24.5 36.7

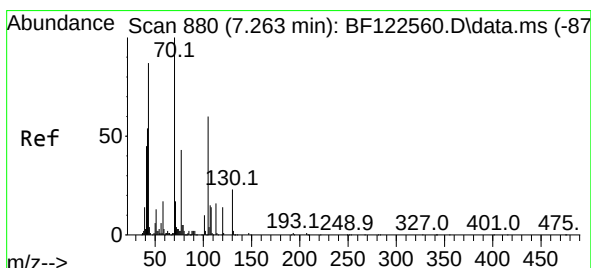
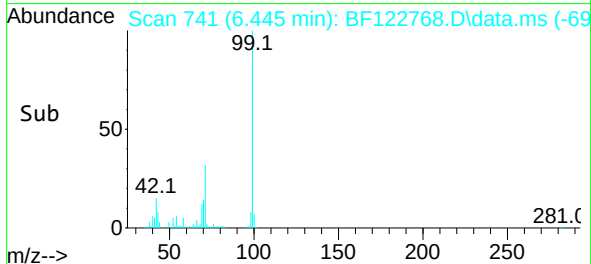
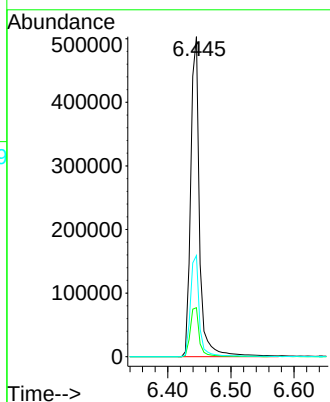
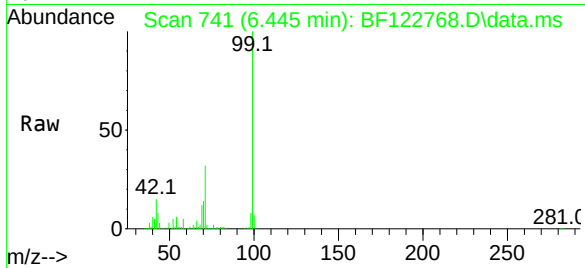




#7
Phenol-d6
Concen: 32.02 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

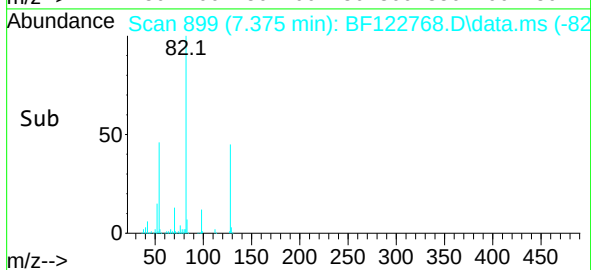
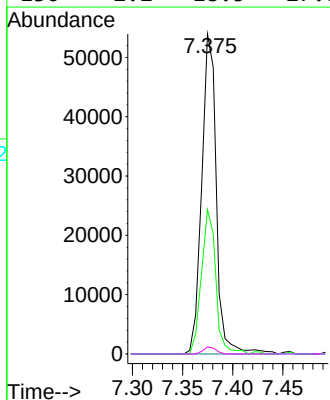
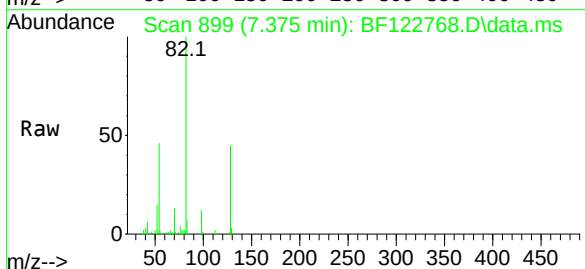
Instrument :
BNA_F
ClientSampleId :
PB133592BL

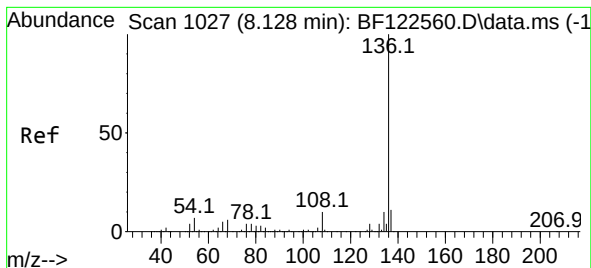
Tgt Ion: 99 Resp: 491579
Ion Ratio Lower Upper
99 100
42 15.3 13.8 20.6
71 31.6 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.26 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

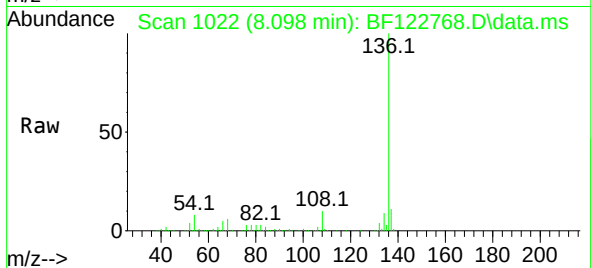
Tgt Ion: 70 Resp: 55095
Ion Ratio Lower Upper
70 100
42 45.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#





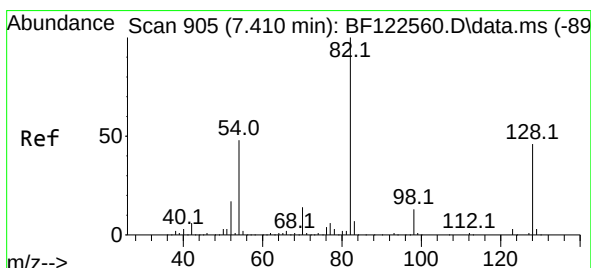
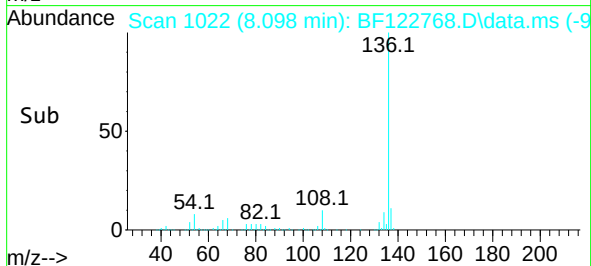
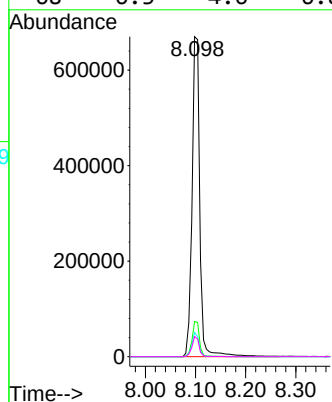
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB133592BL



Tgt Ion:136 Resp: 718862

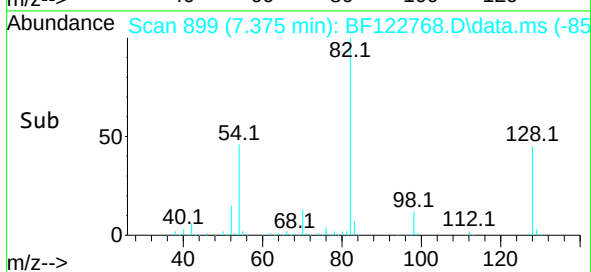
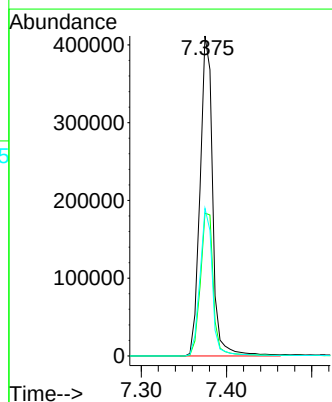
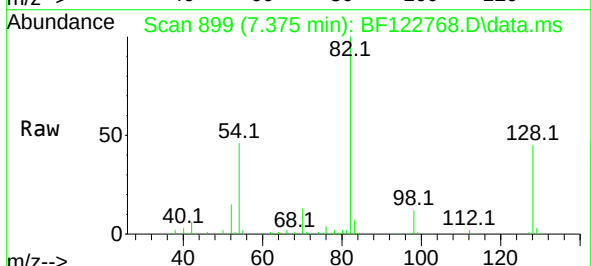
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.5	8.3
68	6.3	4.6	6.8

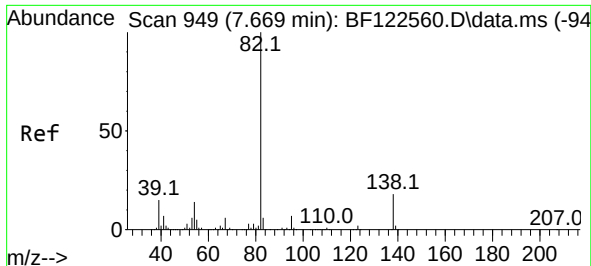


#23
Nitrobenzene-d5
Concen: 29.52 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Tgt Ion: 82 Resp: 423542

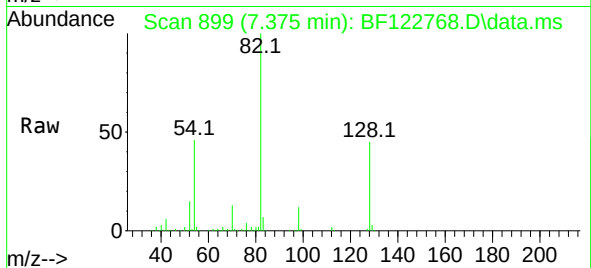
Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.0	55.4
54	46.1	38.4	57.6



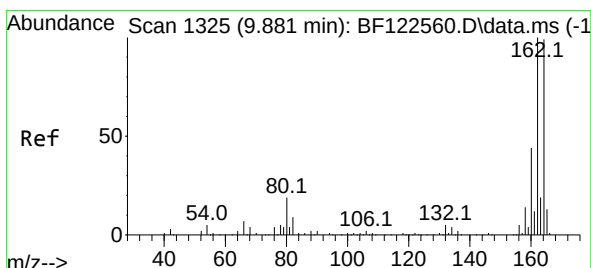
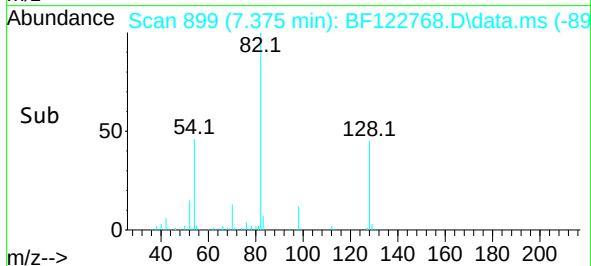
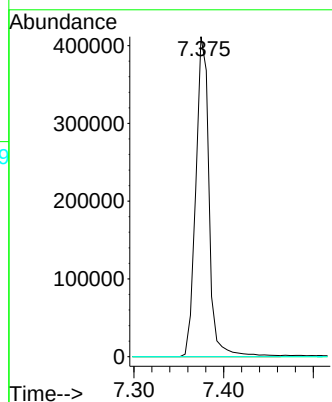


#25
Isophorone
Concen: 17.14 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Instrument :
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ClientSampleId :
PB133592BL

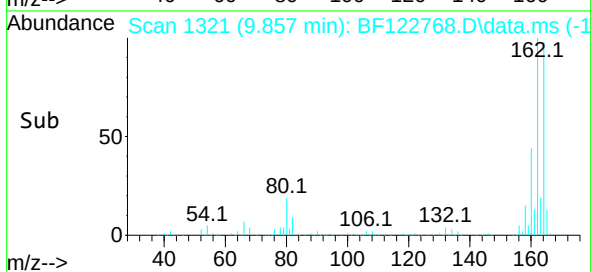
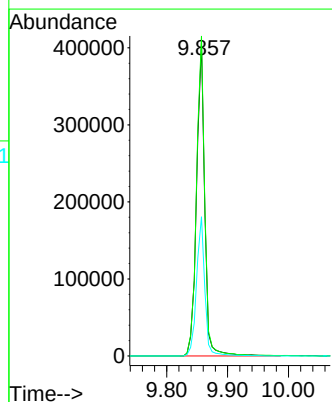
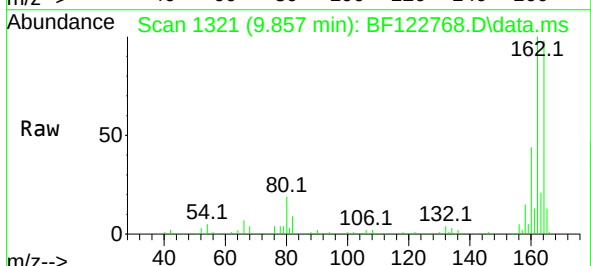


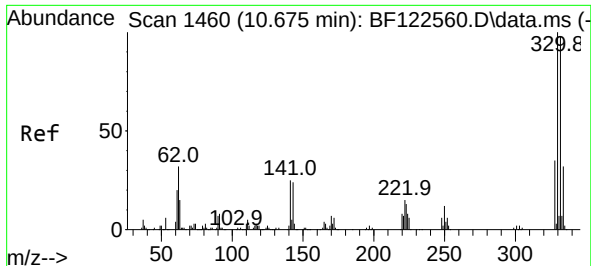
Tgt Ion: 82 Resp: 423535
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Tgt Ion: 164 Resp: 380598
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.5 35.4 53.0

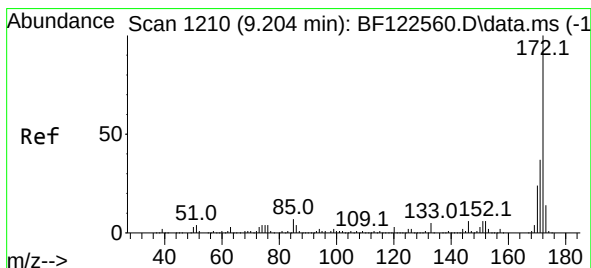
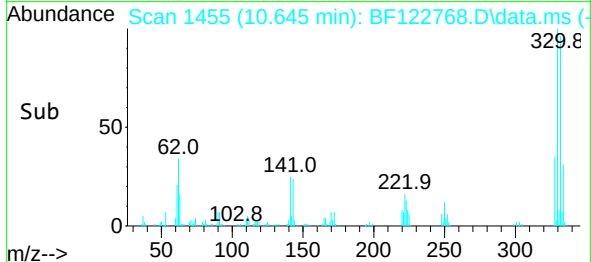
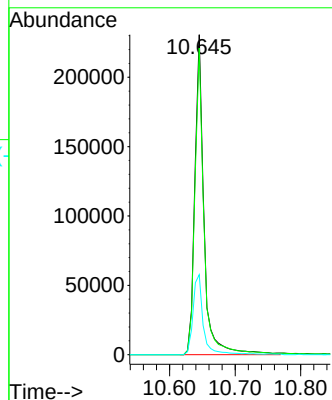
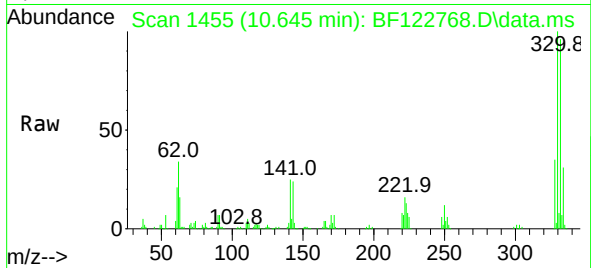




#42
 2,4,6-Tribromophenol
 Concen: 45.24 ng
 RT: 10.645 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BF122768.D
 Acq: 17 Dec 2020 17:06

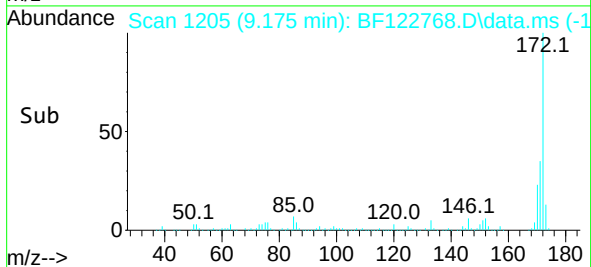
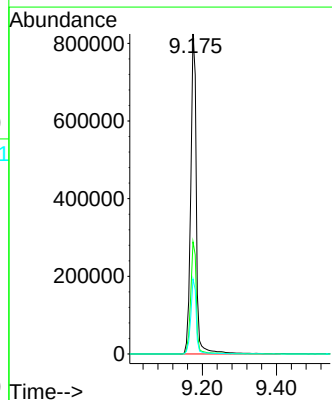
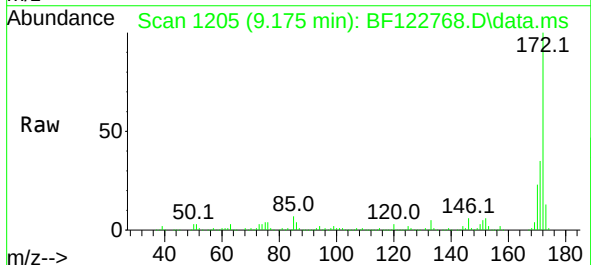
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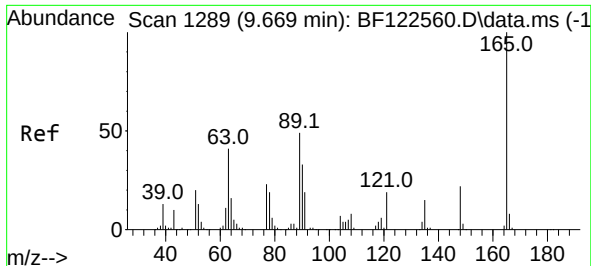
Tgt Ion: 330 Resp: 225357
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.5 116.3
 141 28.0 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 30.90 ng
 RT: 9.175 min Scan# 1205
 Delta R.T. -0.012 min
 Lab File: BF122768.D
 Acq: 17 Dec 2020 17:06

Tgt Ion: 172 Resp: 869547
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.5 19.5 29.3

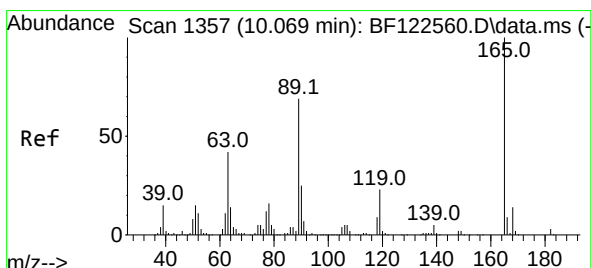
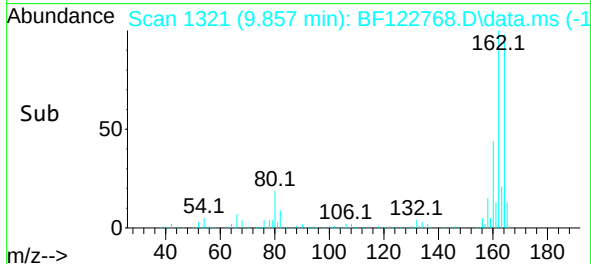
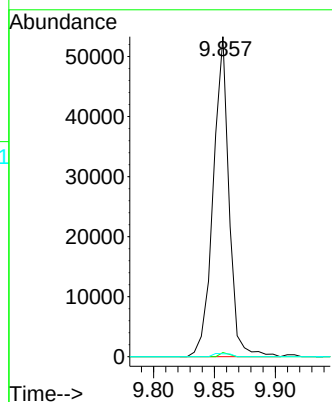
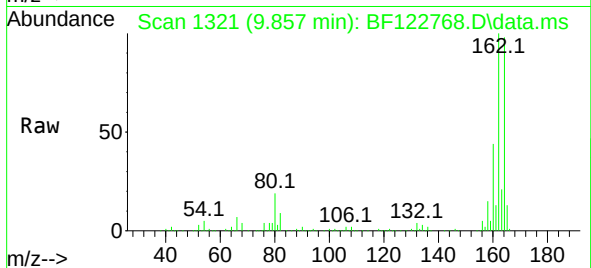




#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

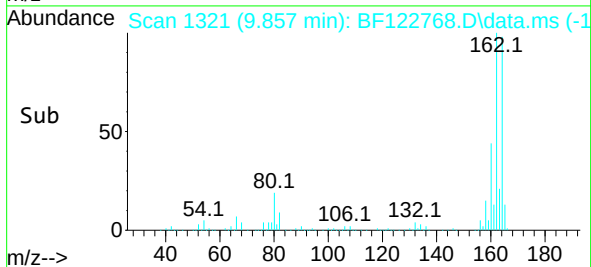
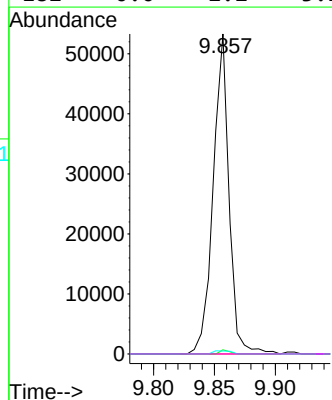
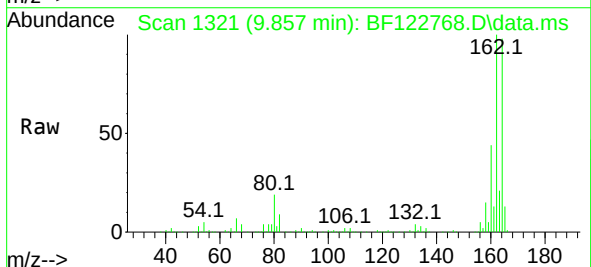
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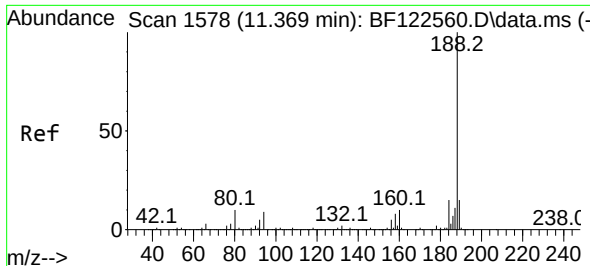
Tgt Ion:165 Resp: 48113
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 0.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Tgt Ion:165 Resp: 48113
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#

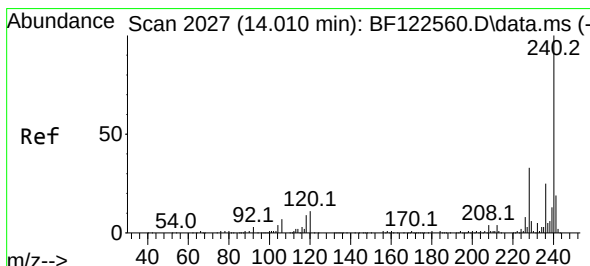
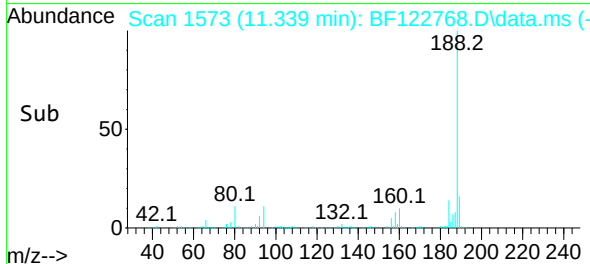
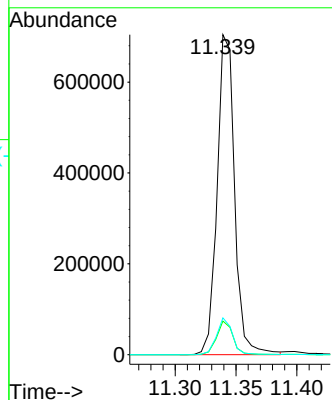
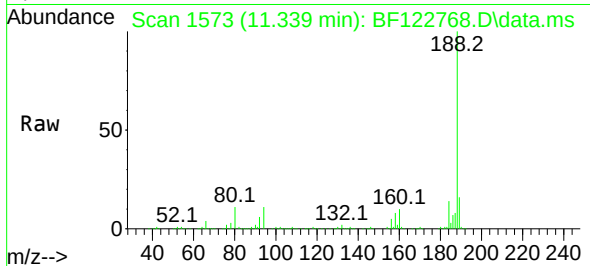




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

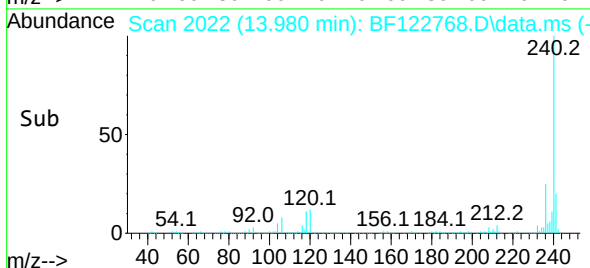
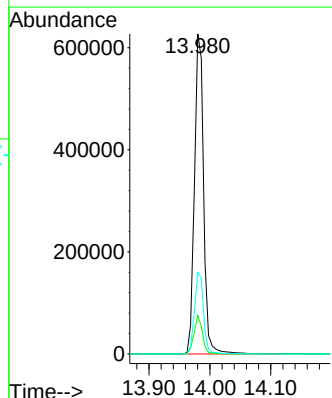
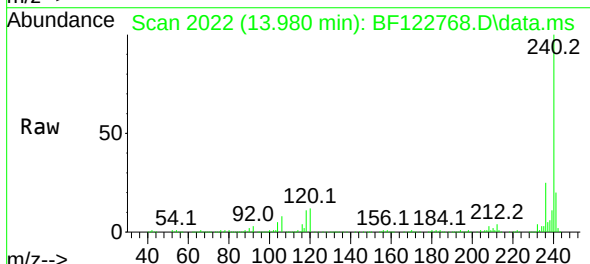
Instrument :
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PB133592BL

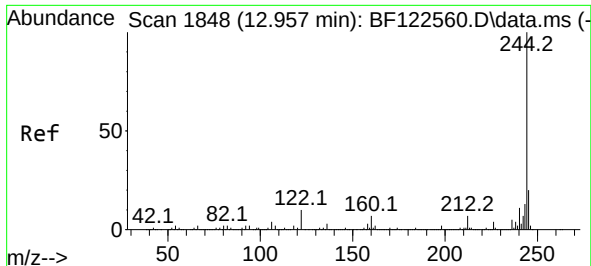
Tgt Ion:188 Resp: 705550
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122768.D
Acq: 17 Dec 2020 17:06

Tgt Ion:240 Resp: 657065
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.5 20.3 30.5

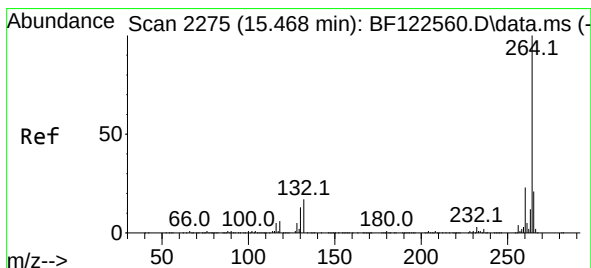
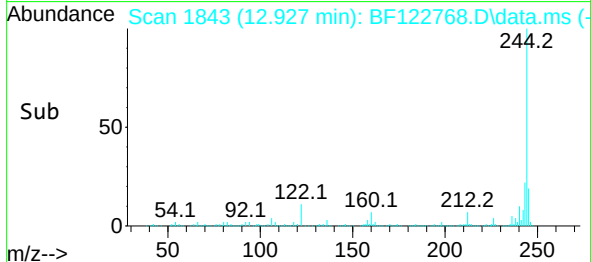
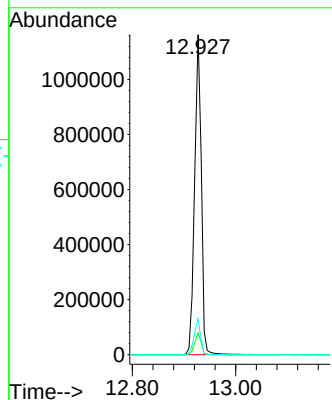
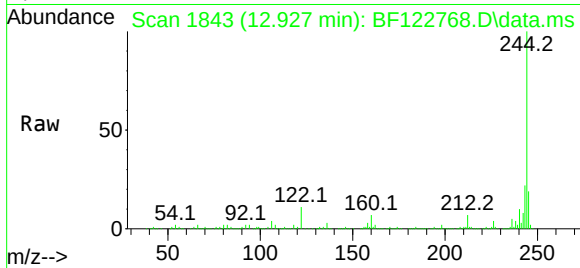




#79
 Terphenyl-d14
 Concen: 27.91 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF122768.D
 Acq: 17 Dec 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB133592BL

Tgt Ion:244 Resp: 1047589
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122768.D
 Acq: 17 Dec 2020 17:06

Tgt Ion:264 Resp: 599880
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.0 25.6

