

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122736.D
 Acq On : 16 Dec 2020 2:55
 Operator : JU/CG
 Sample : L5102-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-015-002-SO

Quant Time: Dec 16 03:43:16 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

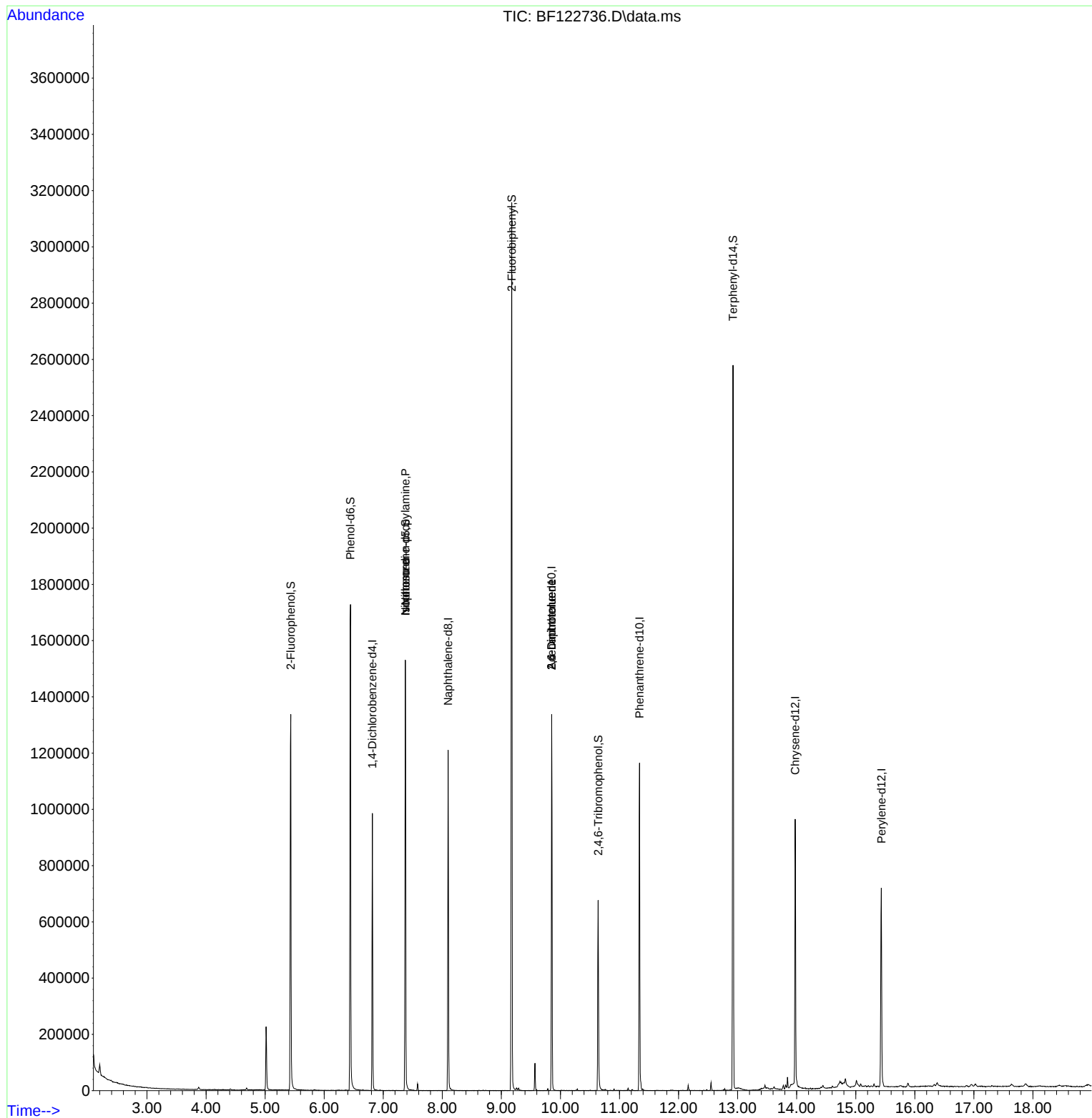
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	142334	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	529343	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	263643	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	434479	20.00	ng	0.00
76) Chrysene-d12	13.974	240	326961	20.00	ng	-0.01
86) Perylene-d12	15.433	264	318943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	405657	45.12	ng	0.00
7) Phenol-d6	6.445	99	644333	54.04	ng	-0.01
23) Nitrobenzene-d5	7.375	82	505651	47.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	91774	26.59	ng	-0.01
45) 2-Fluorobiphenyl	9.174	172	961986	49.35	ng	-0.01
79) Terphenyl-d14	12.921	244	828932	44.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	64749	9.48	ng	# 78
25) Isophorone	7.375	82	505646	27.79	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	34090	7.67	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	34090	5.76	ng	# 25

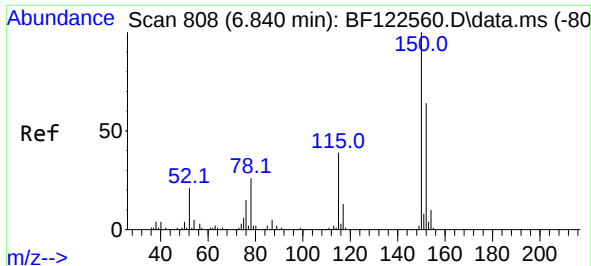
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 03:43:16 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

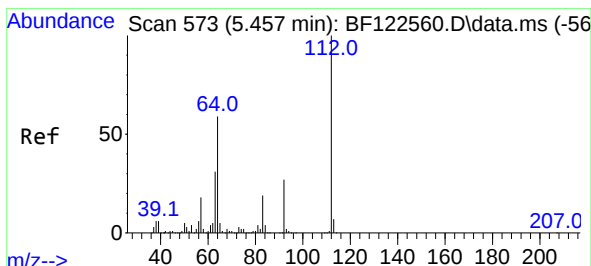
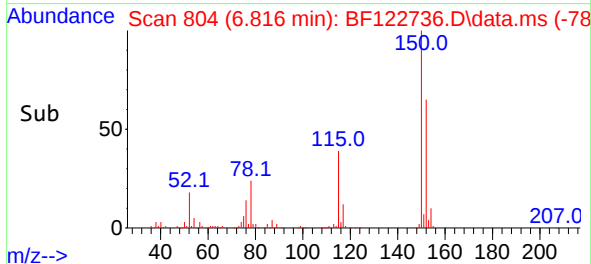
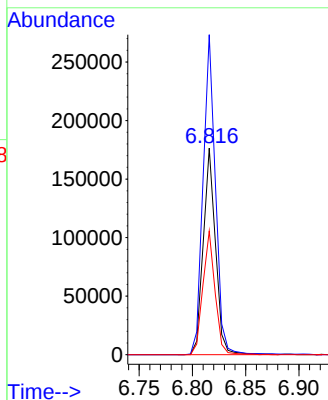
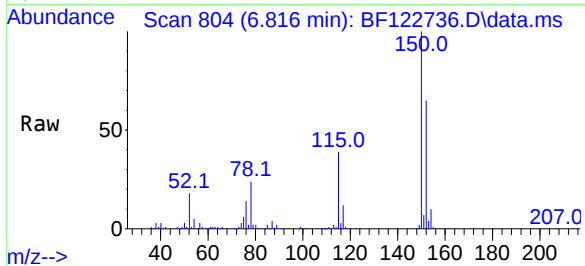




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

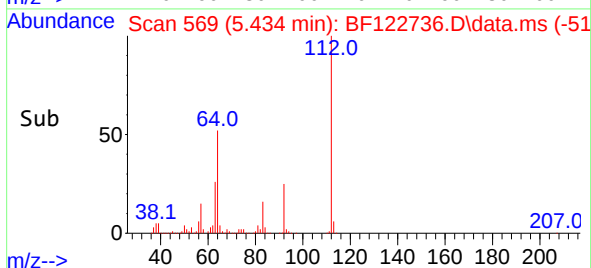
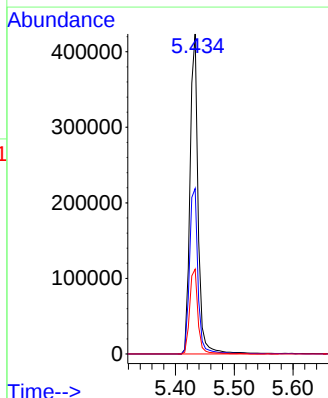
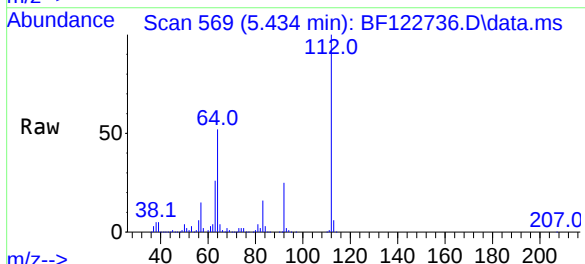
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-002-SO

Tgt Ion:152 Resp: 142334
Ion Ratio Lower Upper
152 100
150 154.9 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 45.12 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion:112 Resp: 405657
Ion Ratio Lower Upper
112 100
64 51.7 46.9 70.3
63 26.5 24.5 36.7

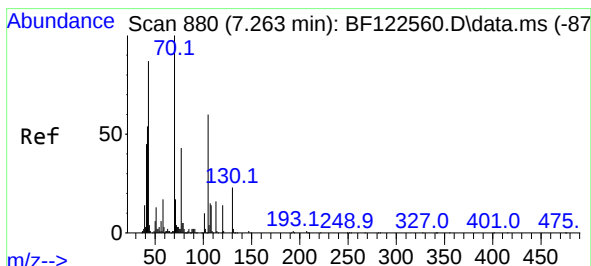
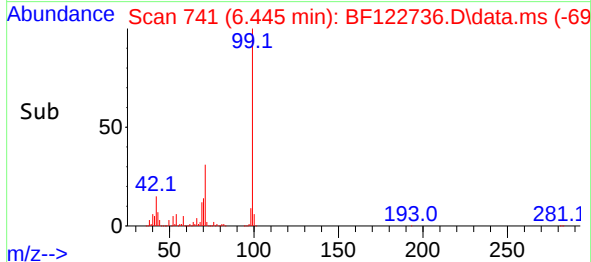
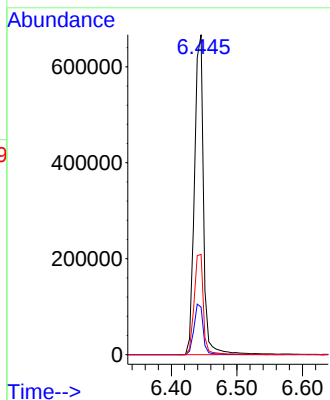
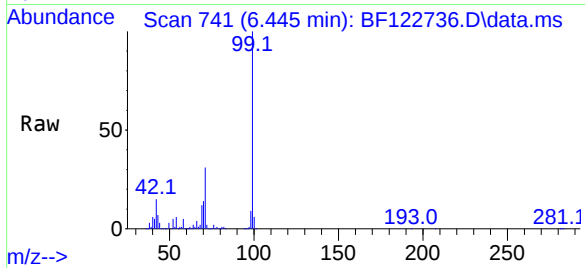




#7
Phenol-d6
Concen: 54.04 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

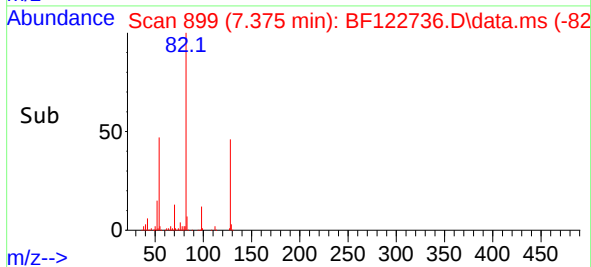
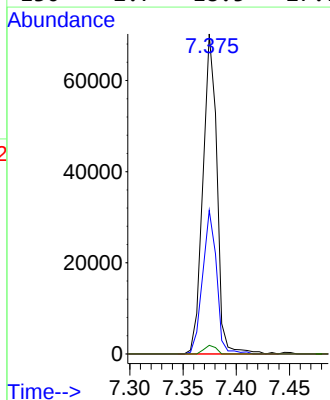
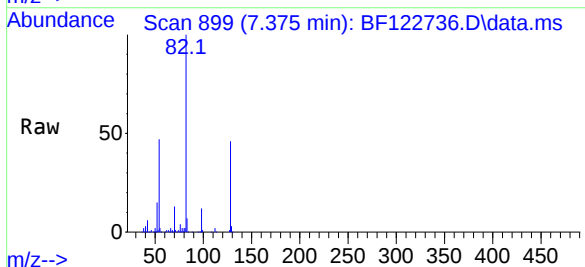
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-002-SO

Tgt Ion: 99 Resp: 644333
Ion Ratio Lower Upper
99 100
42 14.9 13.8 20.6
71 31.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.48 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion: 70 Resp: 64749
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.7 18.5 27.7#



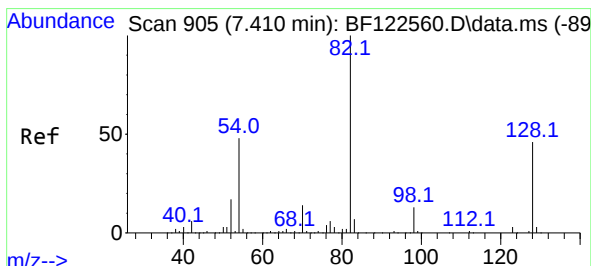
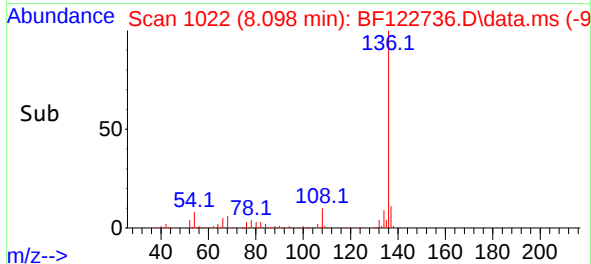
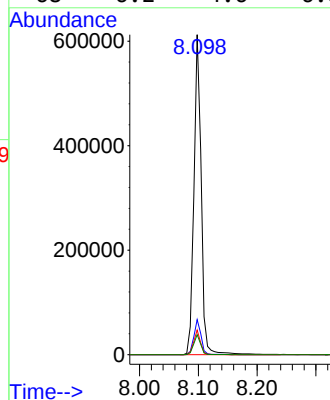
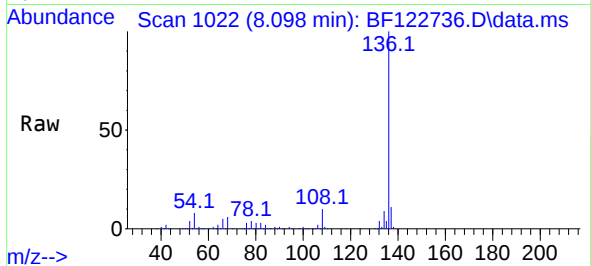


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-002-SO

Tgt Ion:136 Resp: 529343

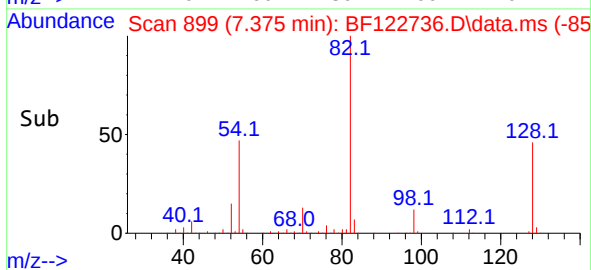
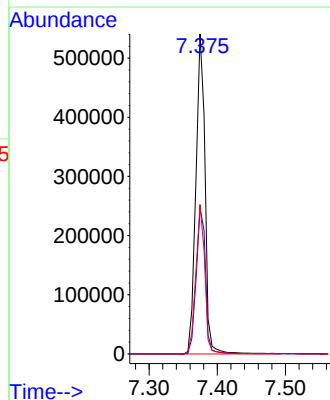
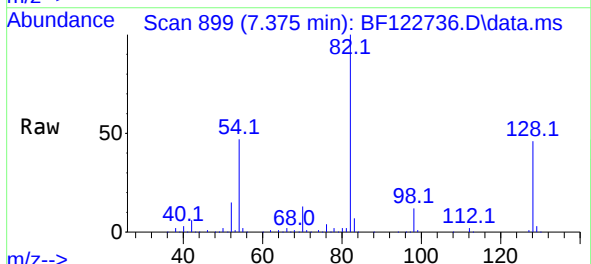
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.5	8.3
68	6.2	4.6	6.8

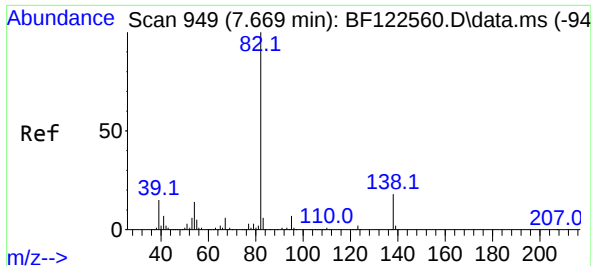


#23
Nitrobenzene-d5
Concen: 47.86 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion: 82 Resp: 505651

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	46.7	38.4	57.6

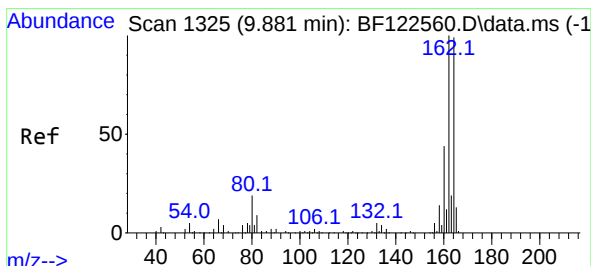
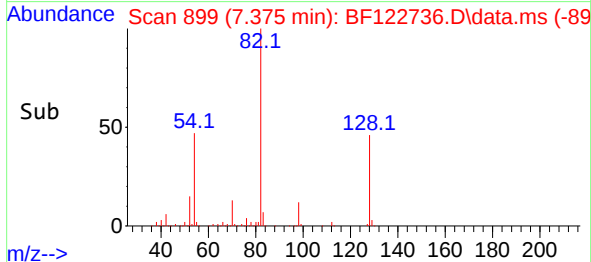
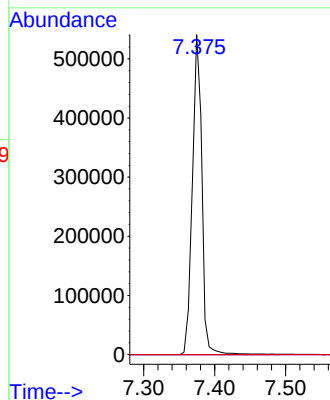
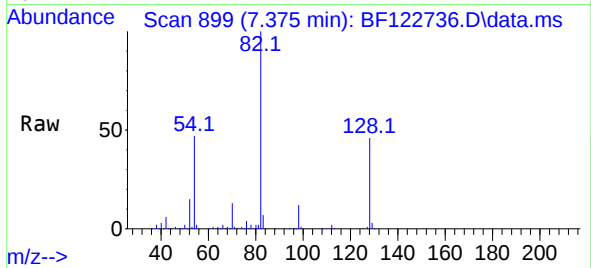




#25
Isophorone
Concen: 27.79 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

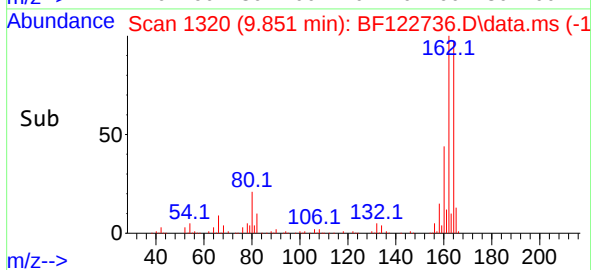
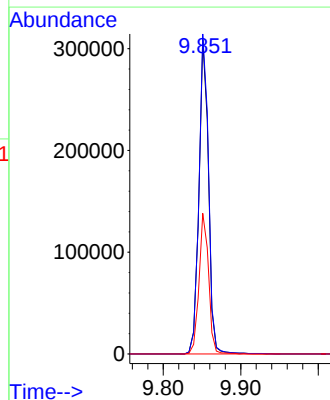
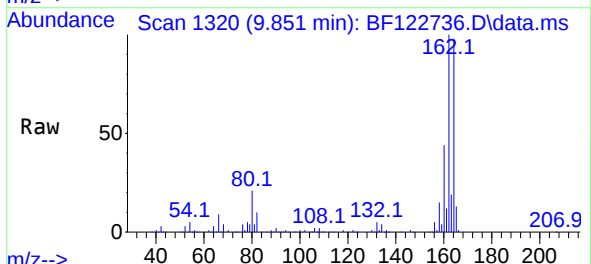
Instrument :
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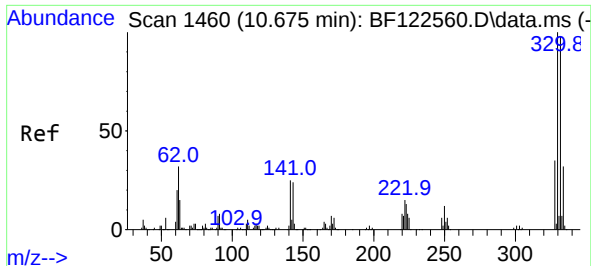
Tgt Ion: 82 Resp: 505646
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

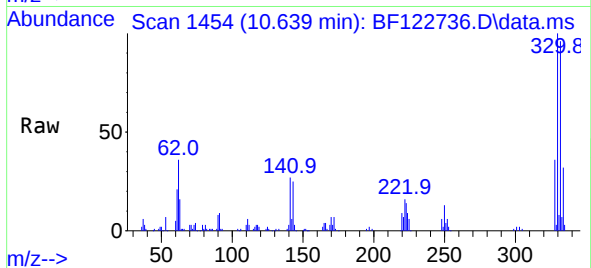
Tgt Ion: 164 Resp: 263643
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.8 35.4 53.0



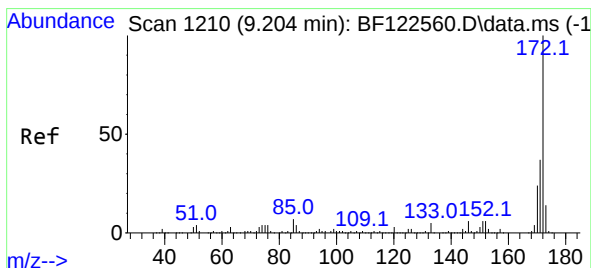
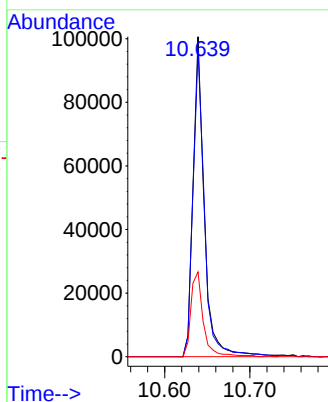
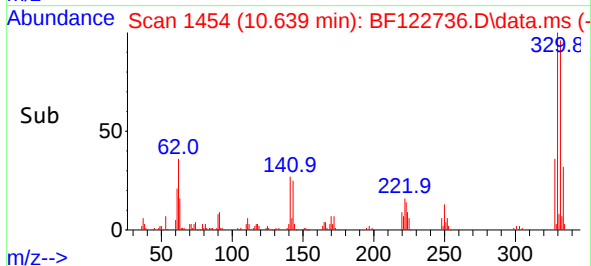


#42
2,4,6-Tribromophenol
Concen: 26.59 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

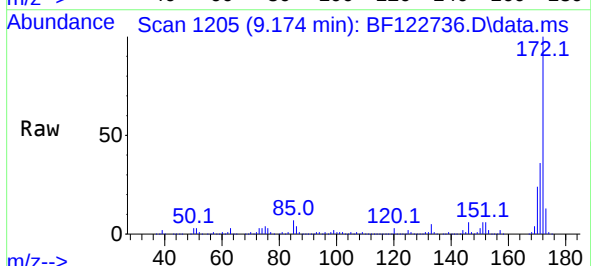
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BNA_F
ClientSampleId :
LLEXSITUTV-015-002-SO



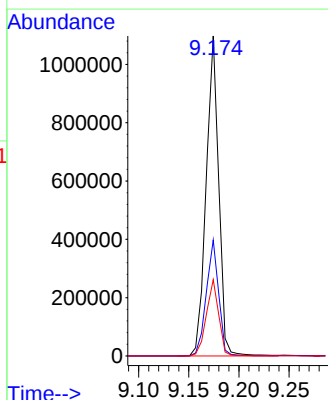
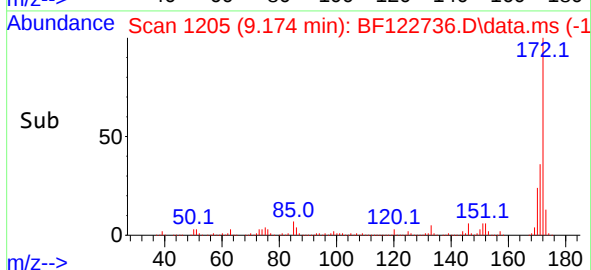
Tgt Ion: 330 Resp: 91774
Ion Ratio Lower Upper
330 100
332 98.5 77.5 116.3
141 29.3 23.8 35.8

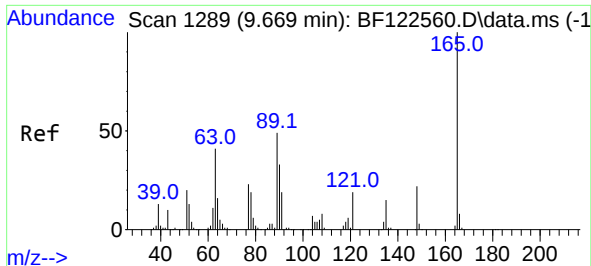


#45
2-Fluorobiphenyl
Concen: 49.35 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55



Tgt Ion: 172 Resp: 961986
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.5 29.3

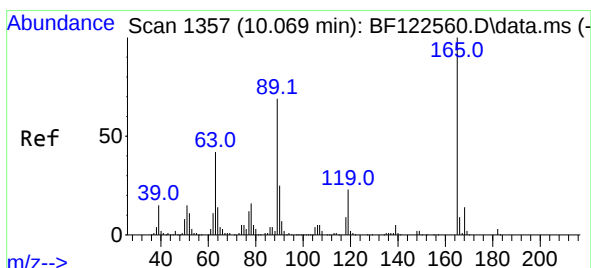
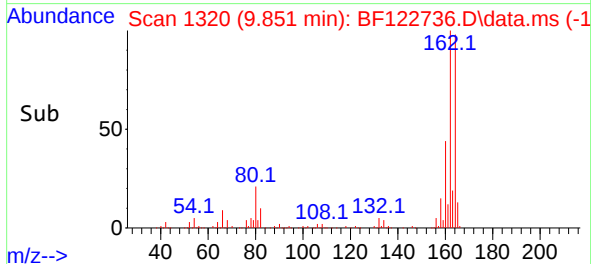
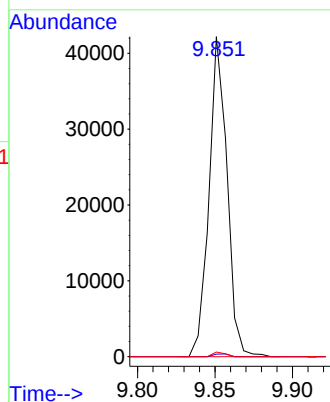
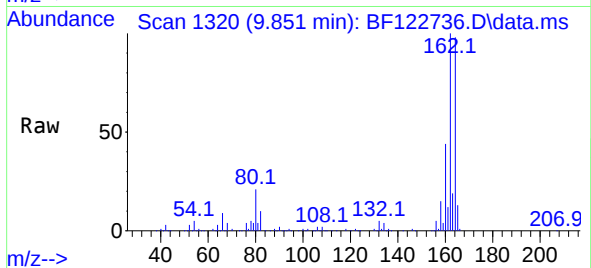




#51
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

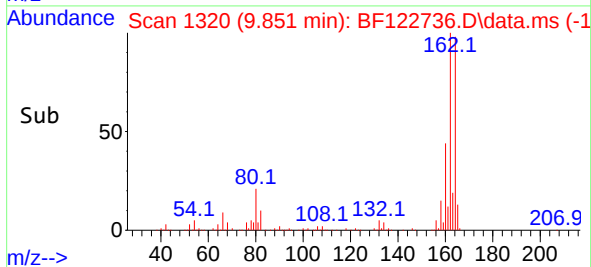
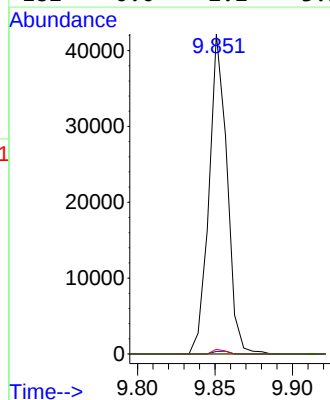
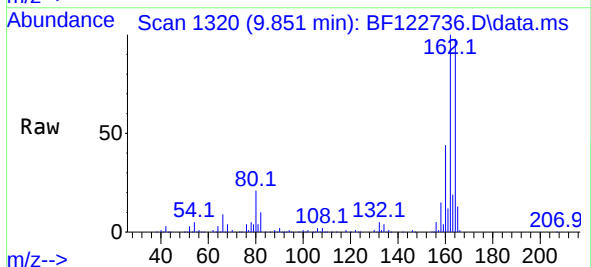
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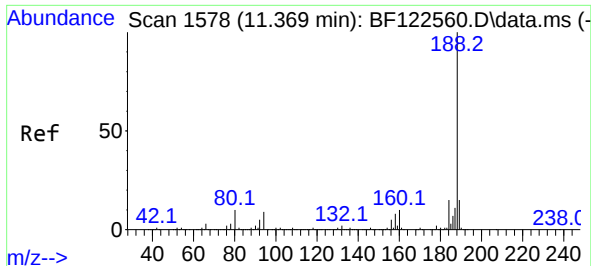
Tgt Ion:165 Resp: 34090
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion:165 Resp: 34090
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

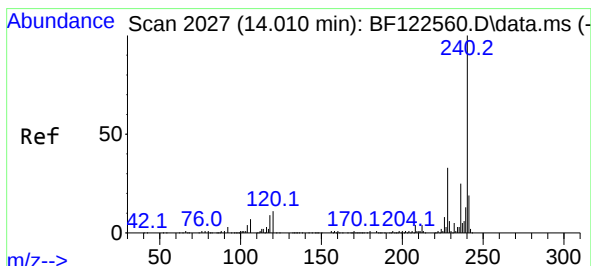
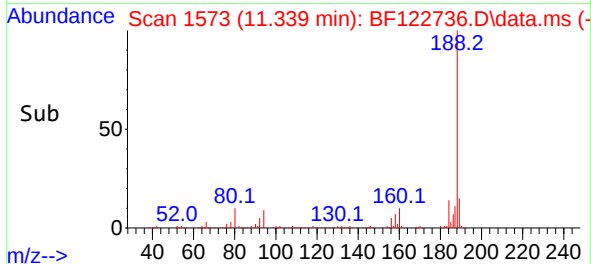
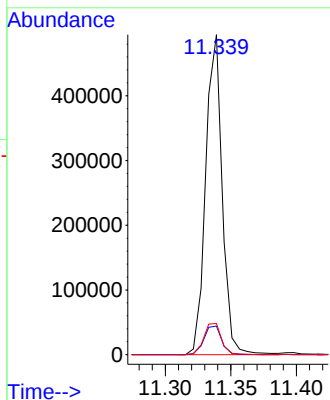
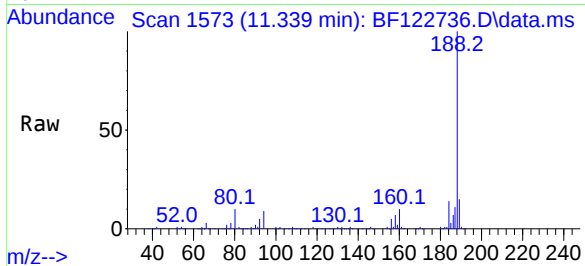




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

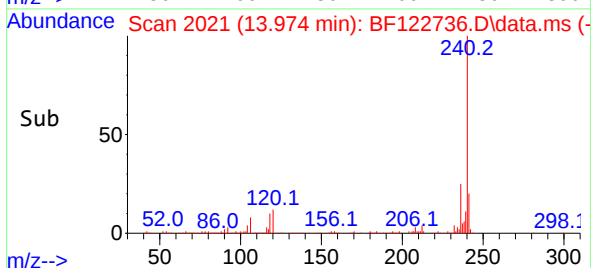
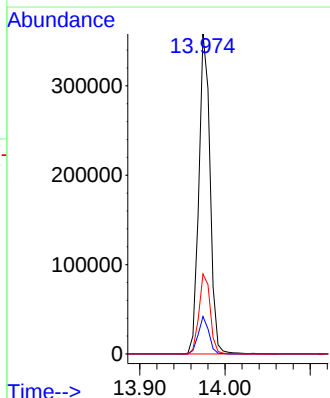
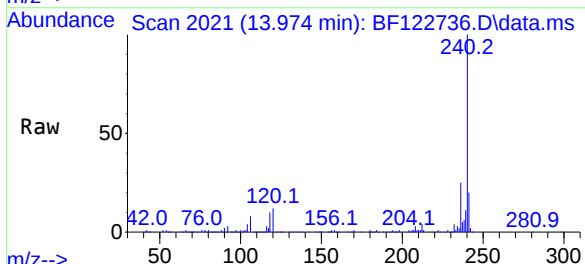
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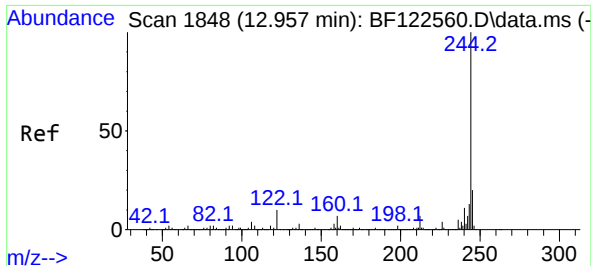
Tgt Ion:188 Resp: 434479
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion:240 Resp: 326961
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.0 20.3 30.5

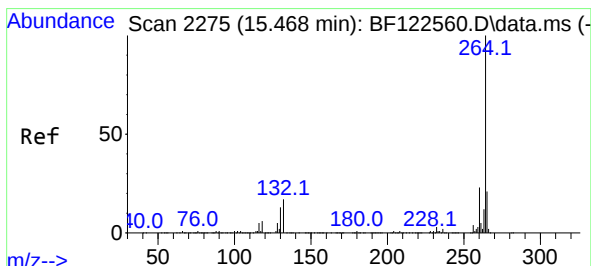
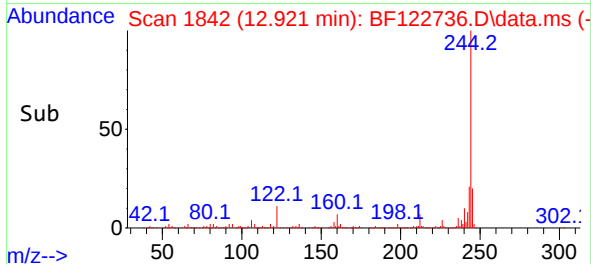
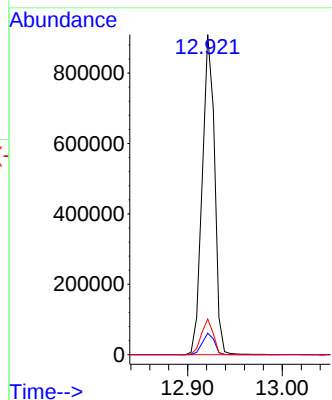
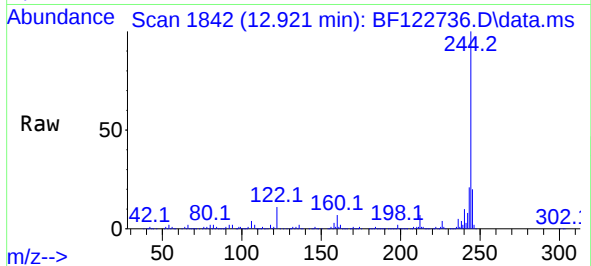




#79
Terphenyl-d14
Concen: 44.38 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-015-002-SO

Tgt Ion:244 Resp: 828932
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 11.1 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122736.D
Acq: 16 Dec 2020 2:55

Tgt Ion:264 Resp: 318943
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.5 17.0 25.6

