

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122722.D
 Acq On : 15 Dec 2020 18:41
 Operator : JU/CG
 Sample : L5102-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-016-001-SO

Quant Time: Dec 16 01:54:55 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)

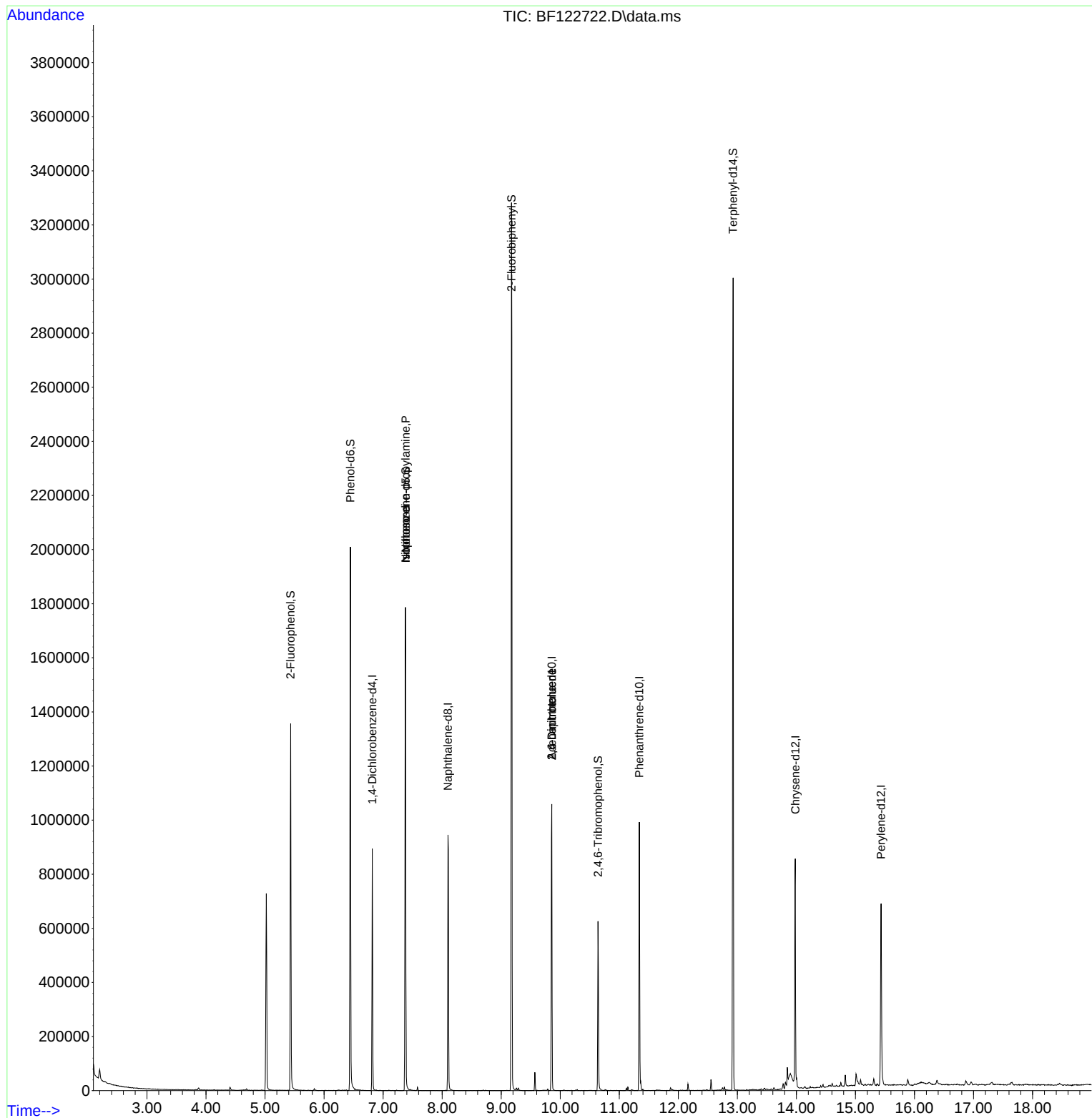
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	125931	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	469499	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	223385	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	357412	20.00	ng	0.00
76) Chrysene-d12	13.980	240	289337	20.00	ng	0.00
86) Perylene-d12	15.433	264	303884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	375275	47.18	ng	0.00
7) Phenol-d6	6.445	99	652334	61.84	ng	-0.01
23) Nitrobenzene-d5	7.381	82	590410	63.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	80635	27.58	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1075857	65.14	ng	-0.01
79) Terphenyl-d14	12.927	244	927916	56.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	76156	12.60	ng	# 77
25) Isophorone	7.381	82	590406	36.58	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	28057	7.45	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	28057	5.59	ng	# 25

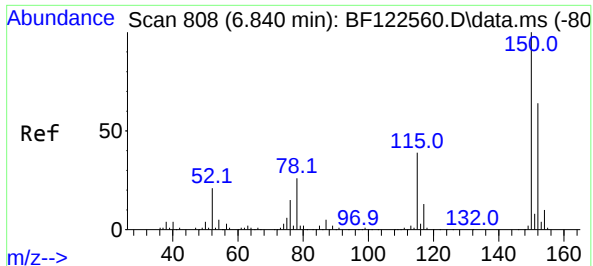
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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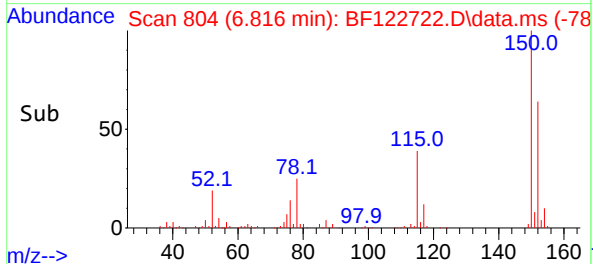
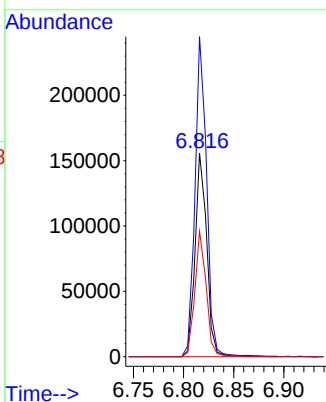
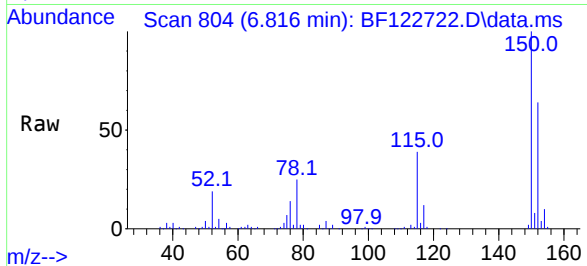




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

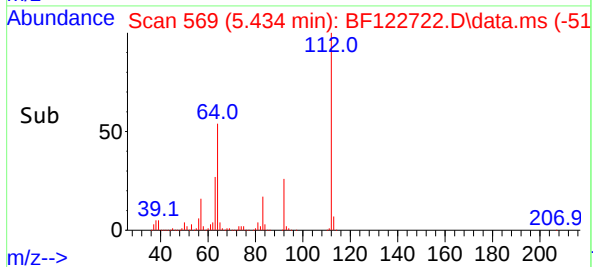
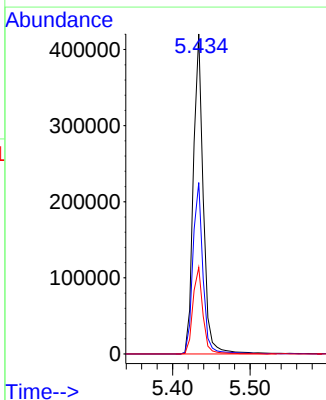
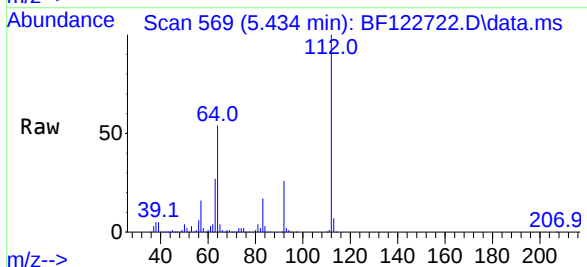
Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SO

Tgt Ion:152 Resp: 125931
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 47.18 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion:112 Resp: 375275
Ion Ratio Lower Upper
112 100
64 53.6 46.9 70.3
63 27.0 24.5 36.7



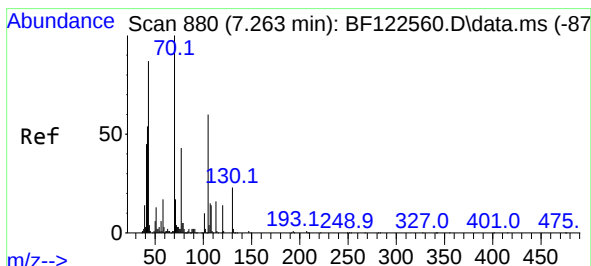
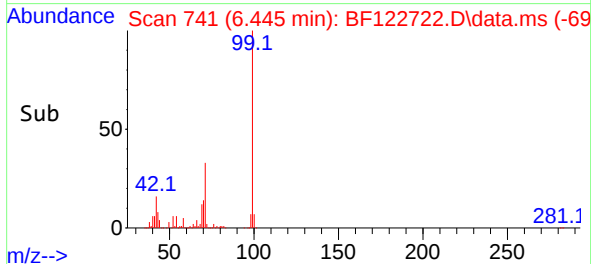
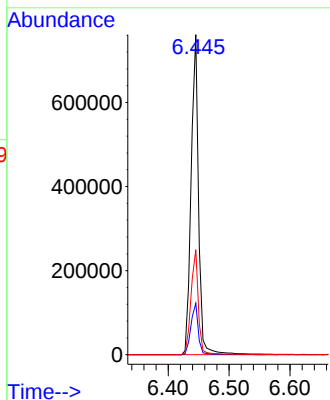
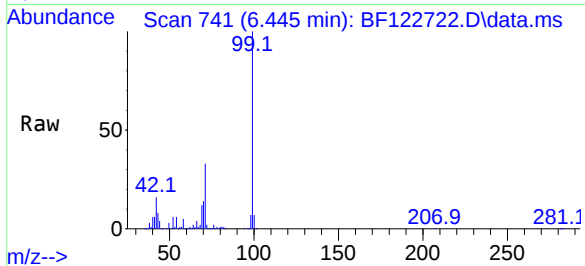


#7
Phenol-d6
Concen: 61.84 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Instrument :
BNA_F
ClientSampleId :
LLEXSITUTV-016-001-SO

Tgt Ion: 99 Resp: 652334

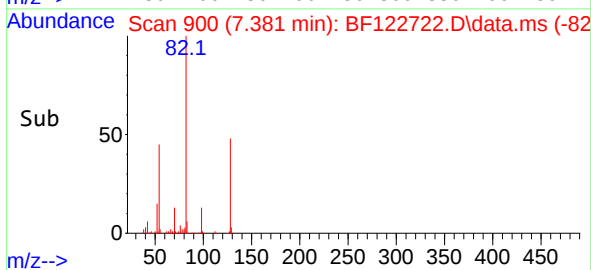
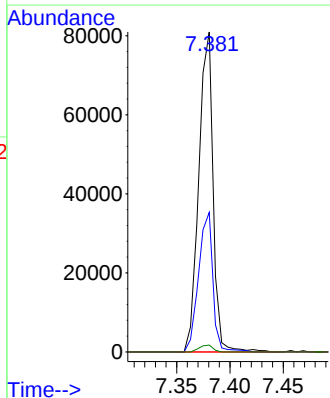
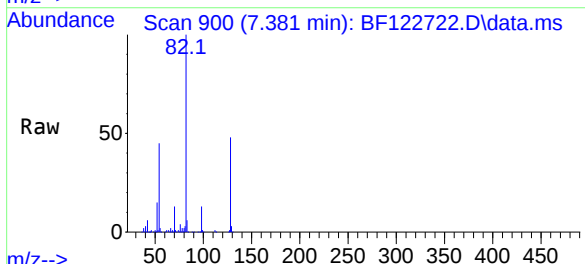
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.6
71	32.8	26.9	40.3

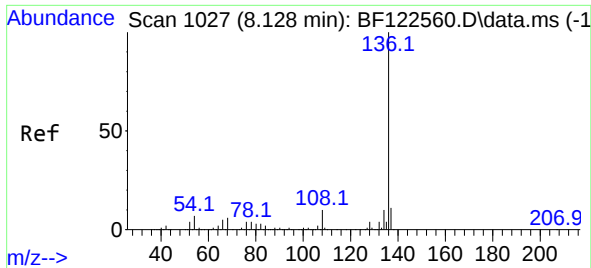


#19
n-Nitroso-di-n-propylamine
Concen: 12.60 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 70 Resp: 76156

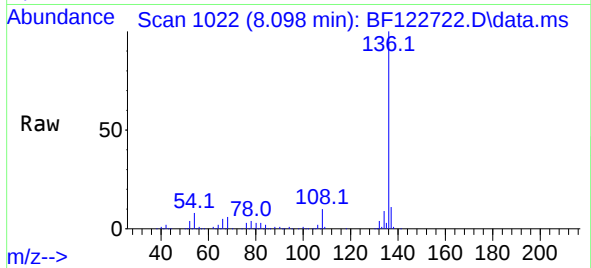
Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#





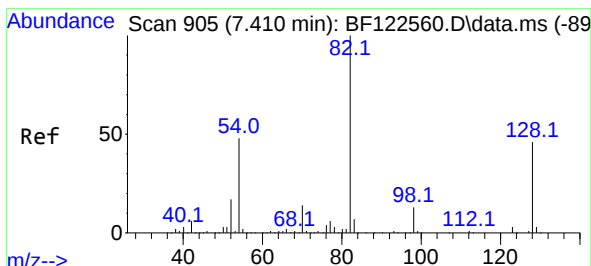
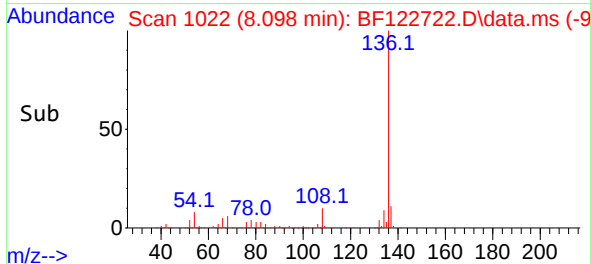
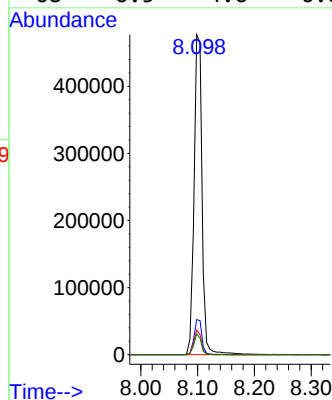
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

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Tgt Ion:136 Resp: 469499

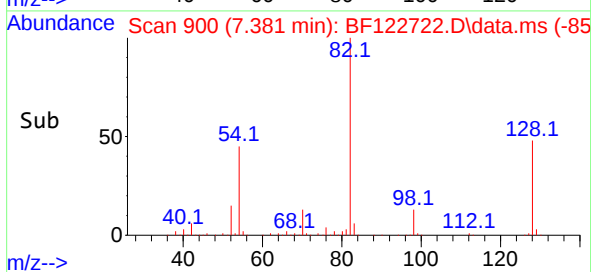
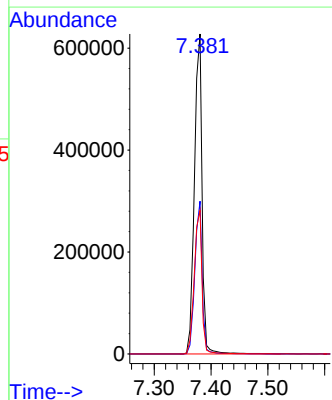
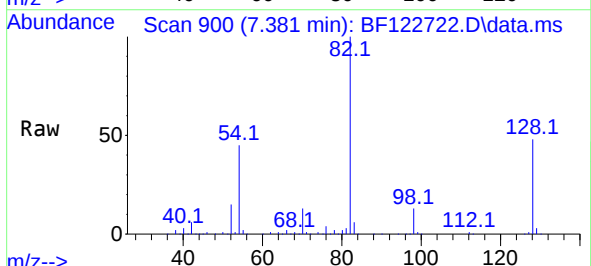
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	5.5	8.3
68	6.5	4.6	6.8

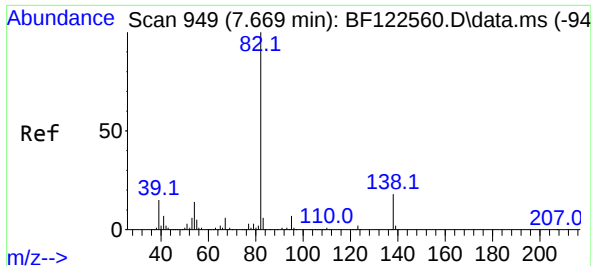


#23
Nitrobenzene-d5
Concen: 63.00 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 82 Resp: 590410

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	44.9	38.4	57.6

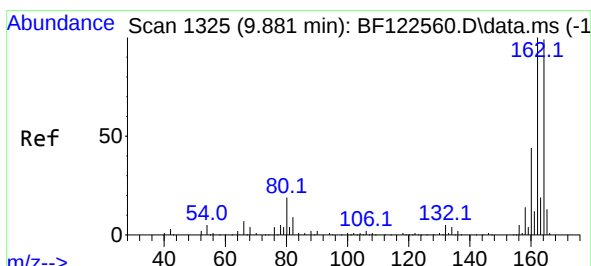
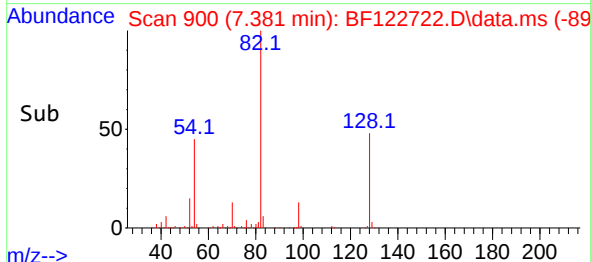
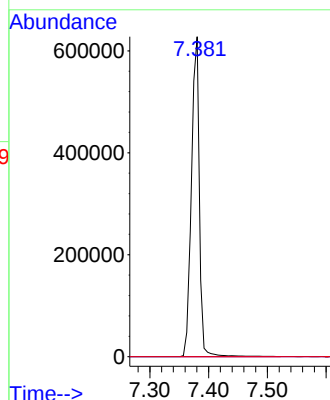
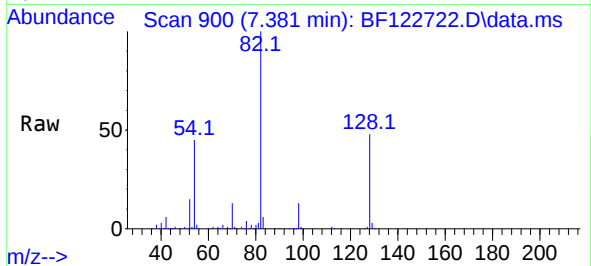




#25
Isophorone
Concen: 36.58 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

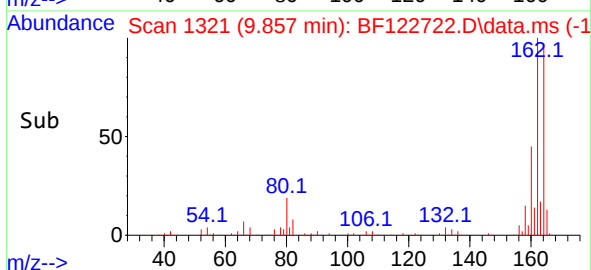
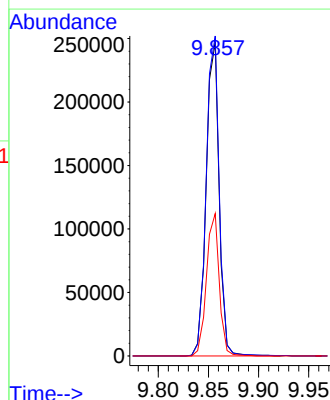
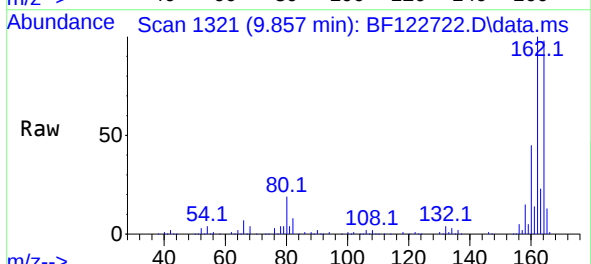
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ClientSampleId :
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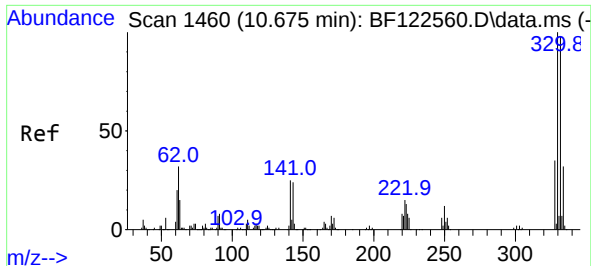
Tgt Ion: 82 Resp: 590406
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 164 Resp: 223385
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 45.4 35.4 53.0

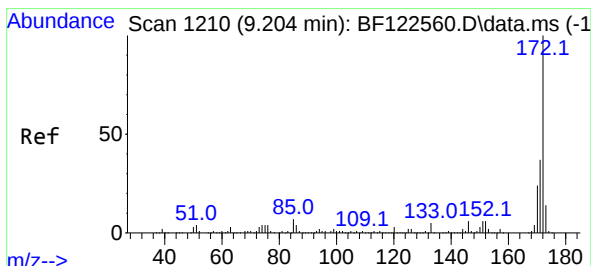
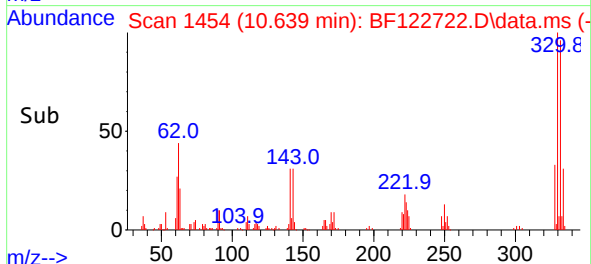
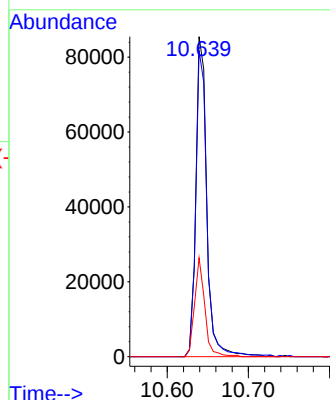
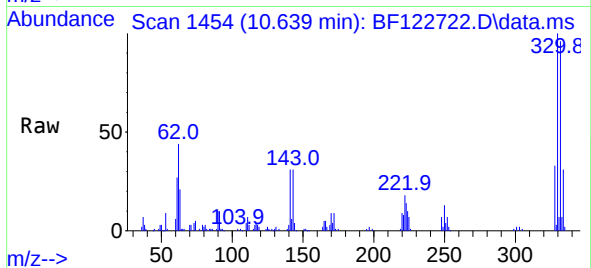




#42
2,4,6-Tribromophenol
Concen: 27.58 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

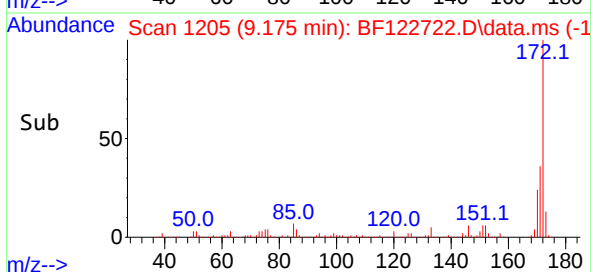
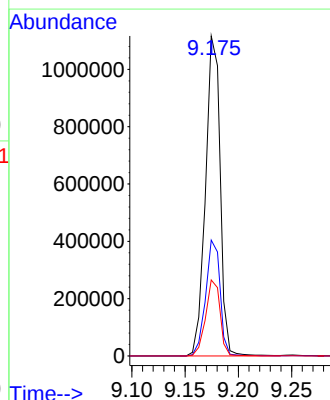
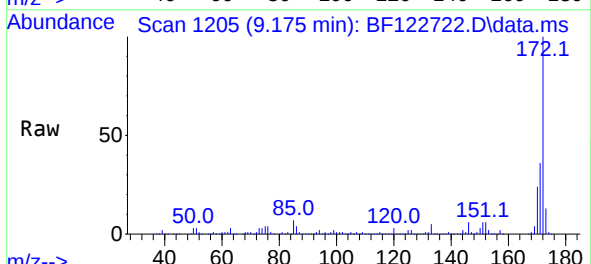
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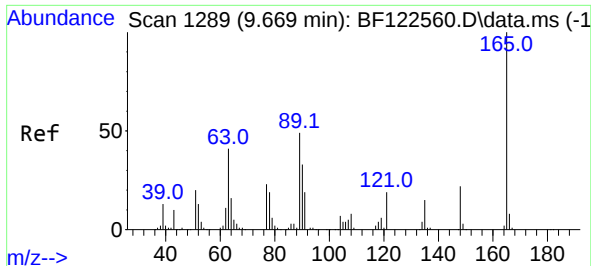
Tgt Ion: 330 Resp: 80635
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 28.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.14 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion: 172 Resp: 1075857
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.5 29.3

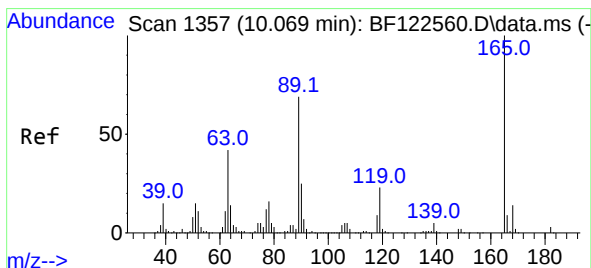
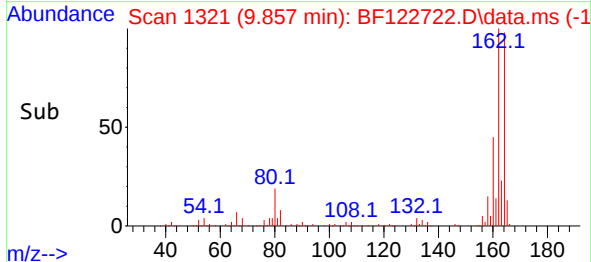
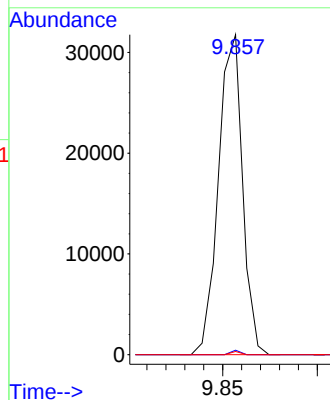
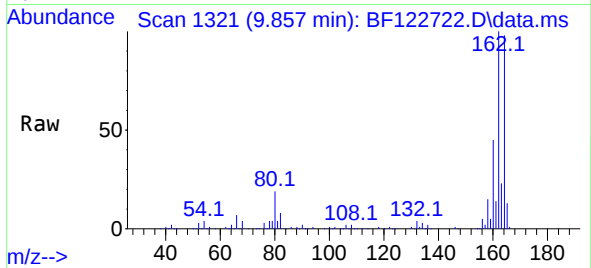




#51
2,6-Dinitrotoluene
Concen: 7.45 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

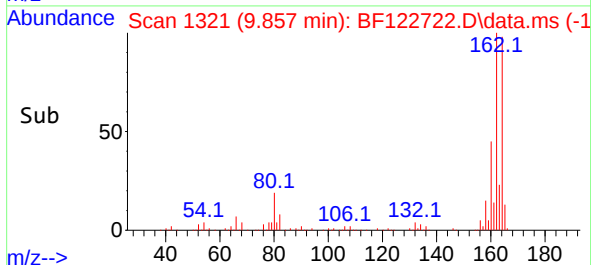
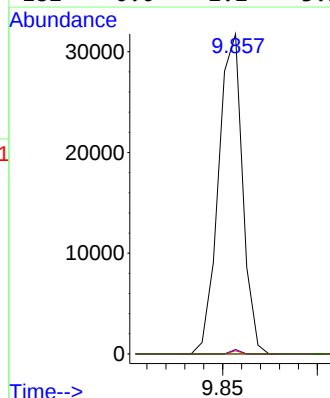
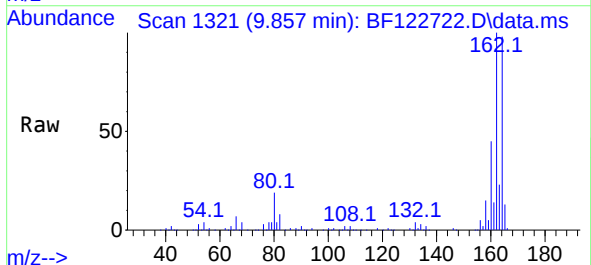
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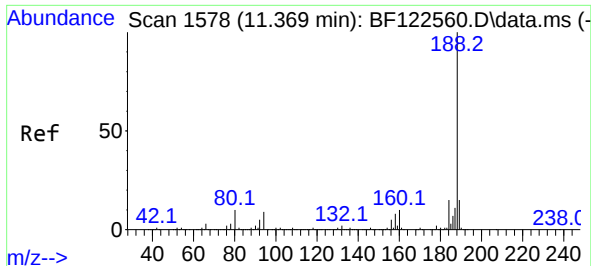
Tgt Ion:165 Resp: 28057
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

Tgt Ion:165 Resp: 28057
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

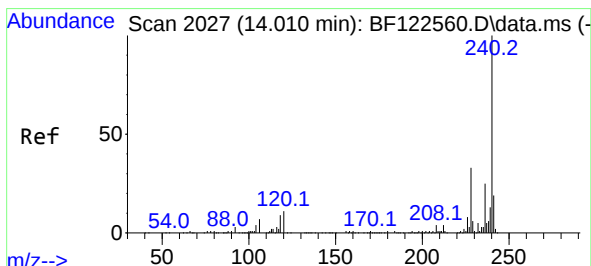
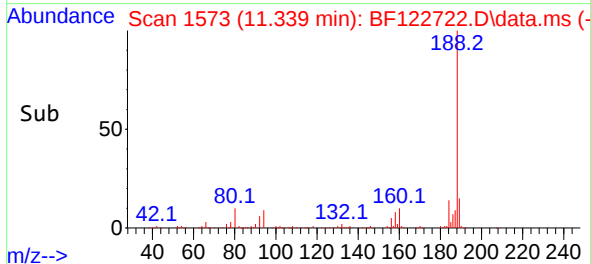
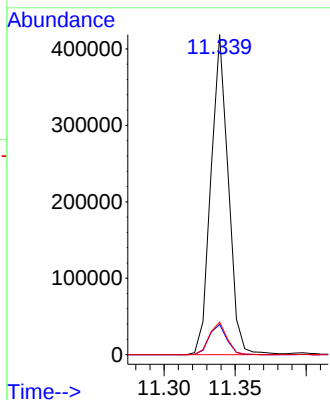
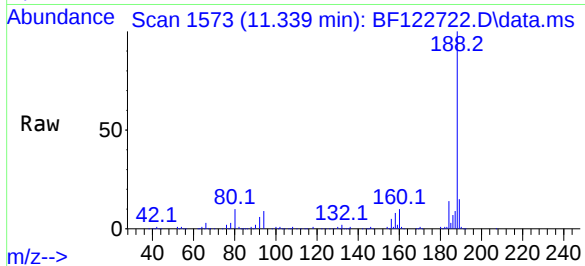




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

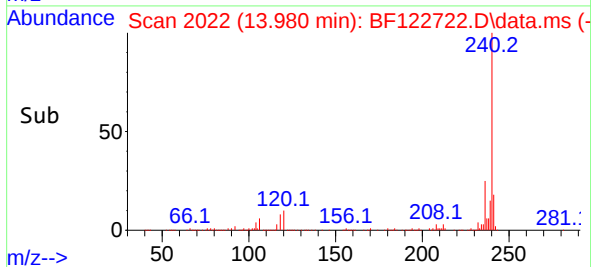
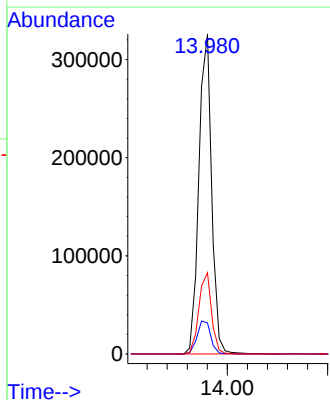
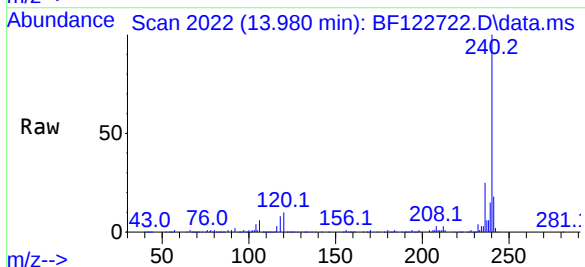
Instrument :
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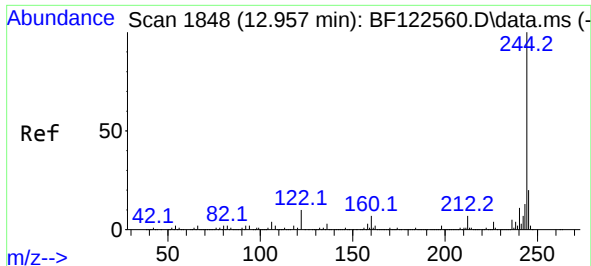
Tgt Ion:188 Resp: 357412
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122722.D
Acq: 15 Dec 2020 18:41

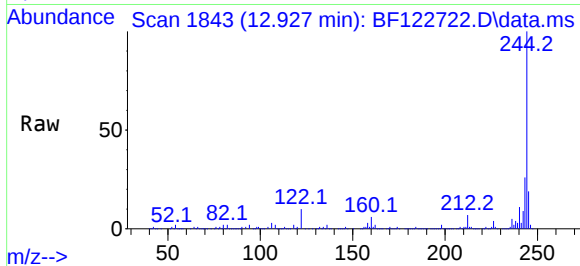
Tgt Ion:240 Resp: 289337
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.4 20.3 30.5



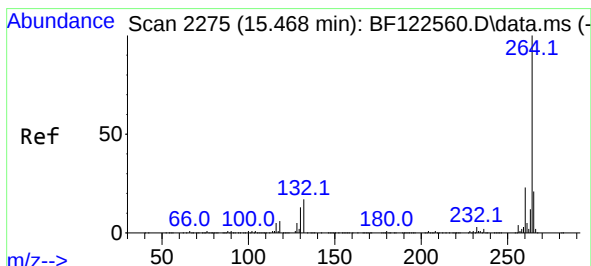
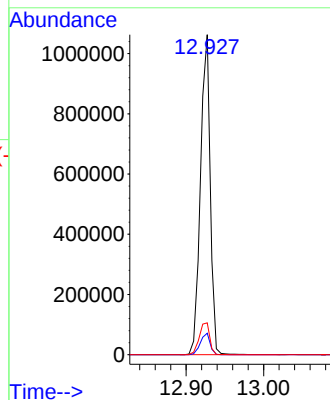
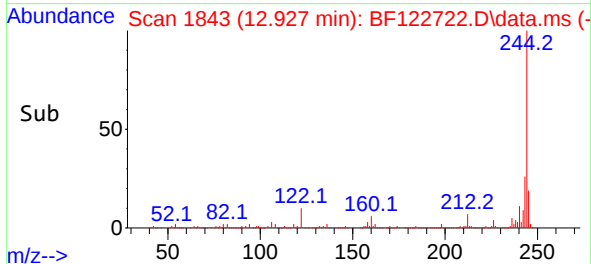


#79
 Terphenyl-d14
 Concen: 56.14 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF122722.D
 Acq: 15 Dec 2020 18:41

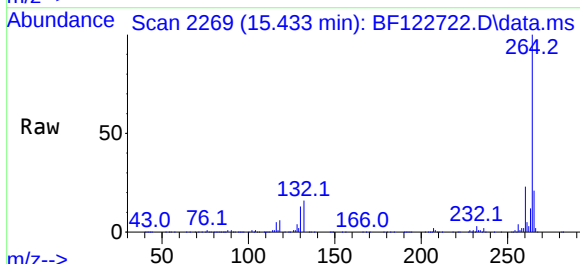
Instrument :
 BNA_F
 ClientSampleId :
 LLEXSITUTV-016-001-SO



Tgt Ion:244 Resp: 927916
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.9 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: BF122722.D
 Acq: 15 Dec 2020 18:41



Tgt Ion:264 Resp: 303884
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.8 17.0 25.6

