

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122719.D
 Acq On : 15 Dec 2020 17:06
 Operator : JU/CG
 Sample : L5022-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-SB-0203-0-15

Quant Time: Dec 15 18:22:47 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)

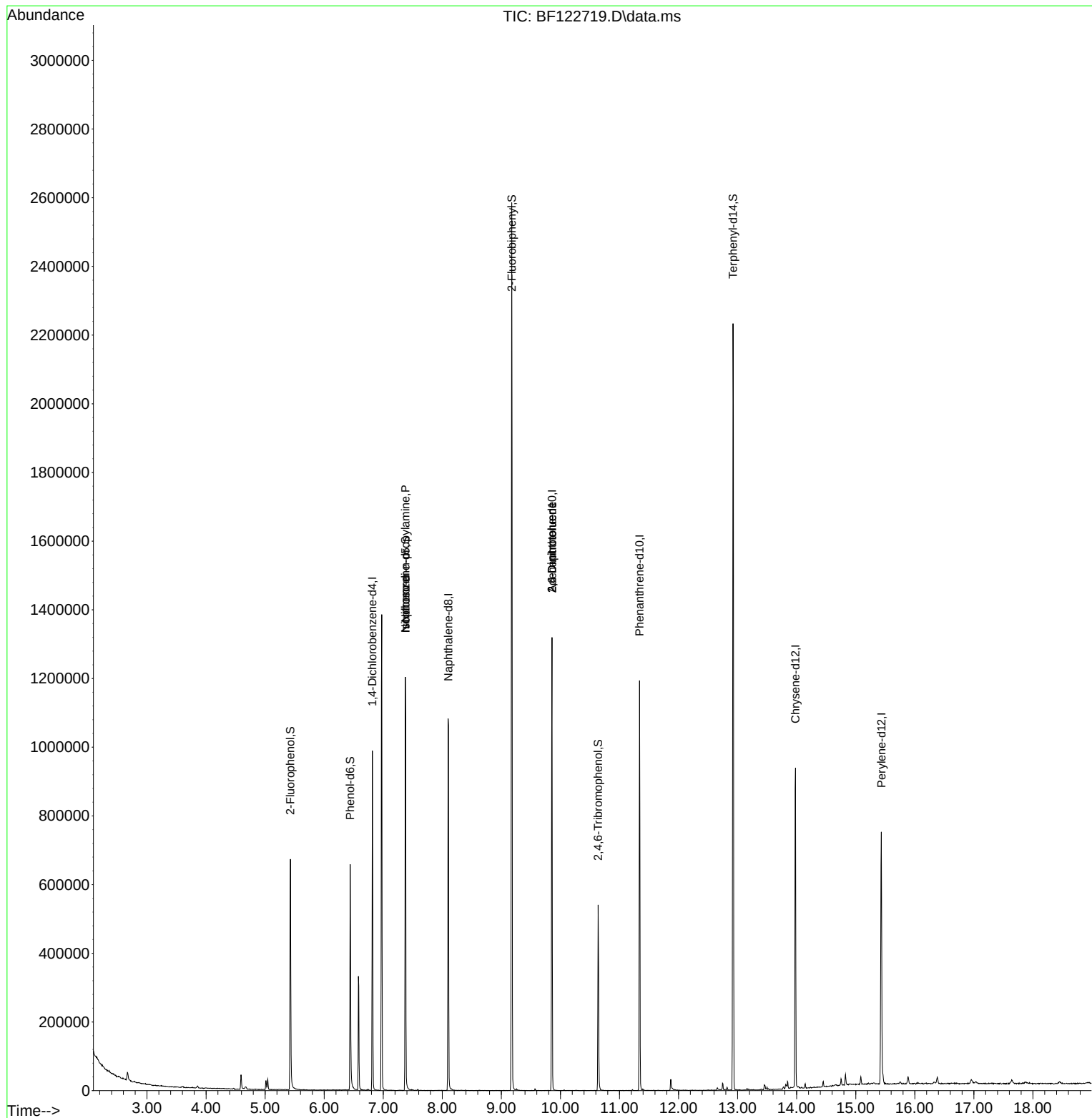
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	143239	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	530218	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	253965	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	426600	20.00	ng	0.00
76) Chrysene-d12	13.980	240	342276	20.00	ng	0.00
86) Perylene-d12	15.433	264	342535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	195123	21.57	ng	0.00
7) Phenol-d6	6.439	99	228121	19.01	ng	-0.02
23) Nitrobenzene-d5	7.375	82	394172	37.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	67456	20.29	ng	-0.01
45) 2-Fluorobiphenyl	9.174	172	776718	41.37	ng	-0.01
79) Terphenyl-d14	12.921	244	766239	39.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	50901	7.41	ng	# 78
25) Isophorone	7.375	82	394166	21.63	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	32374	7.56	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	32374	5.67	ng	# 25

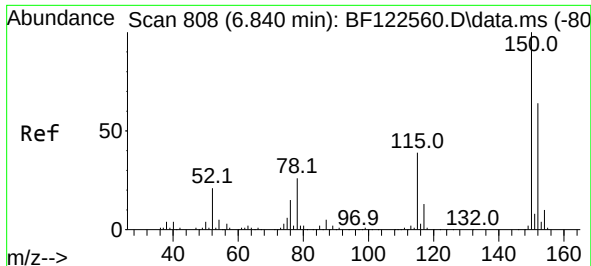
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 18:22:47 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

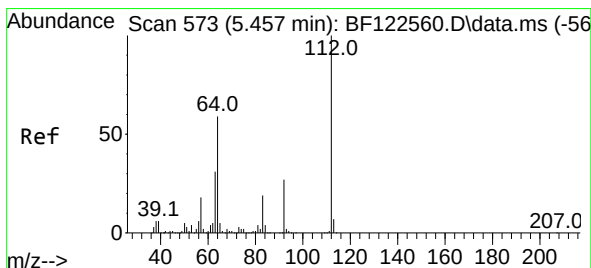
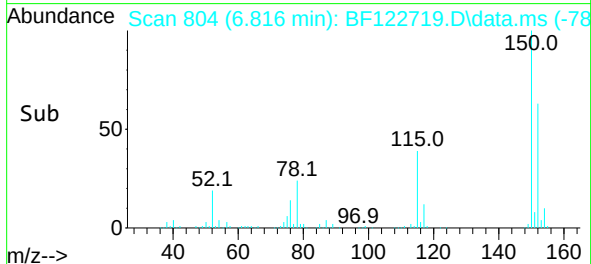
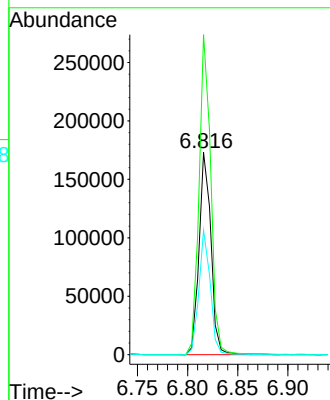
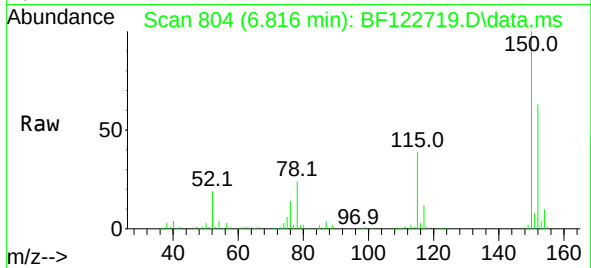




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

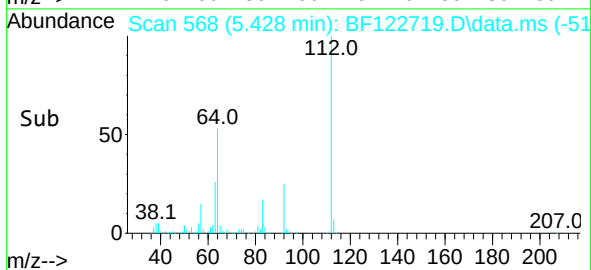
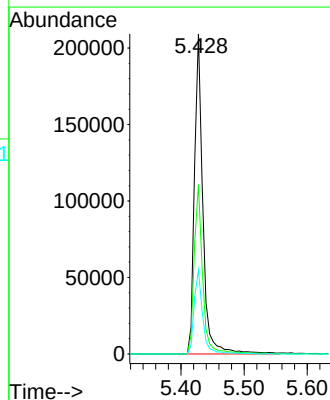
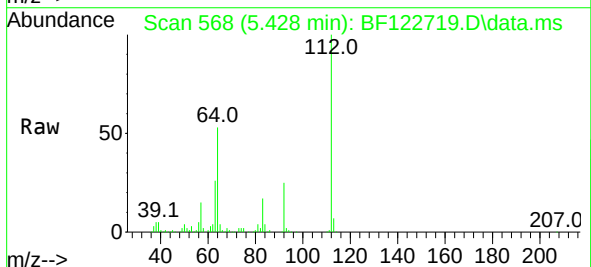
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BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

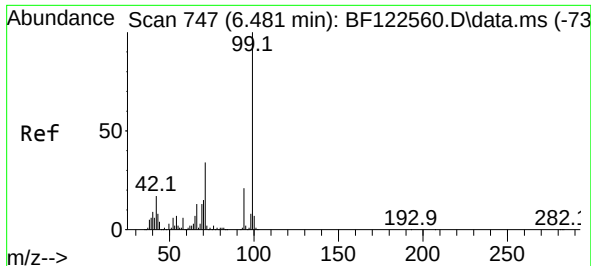
Tgt Ion:152 Resp: 143239
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 21.57 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

Tgt Ion:112 Resp: 195123
Ion Ratio Lower Upper
112 100
64 52.9 46.9 70.3
63 26.3 24.5 36.7

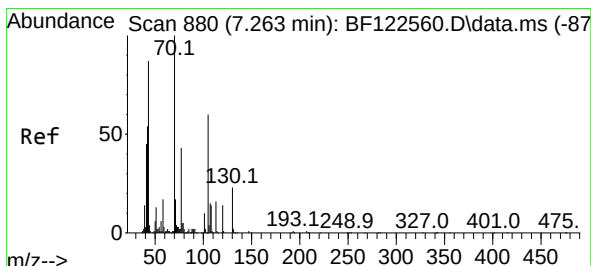
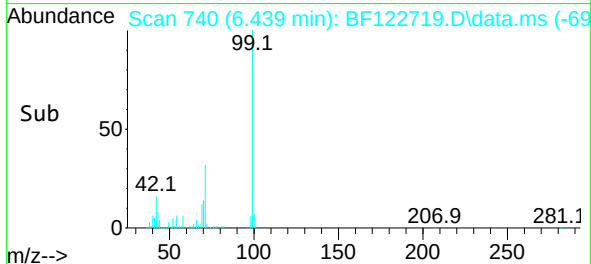
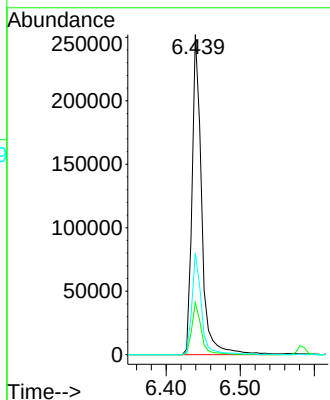
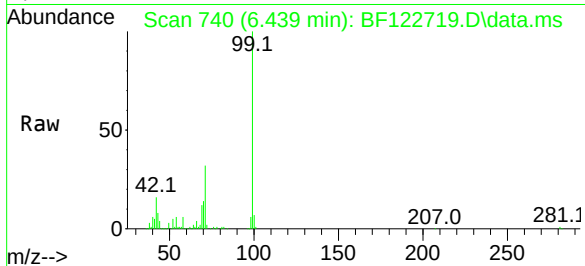




#7
Phenol-d6
Concen: 19.01 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

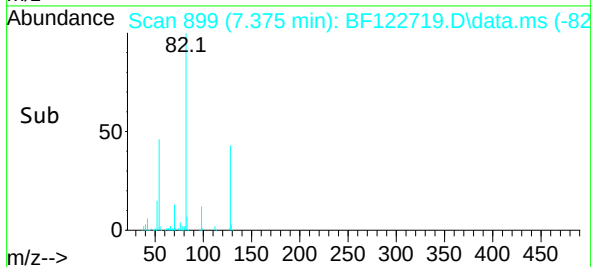
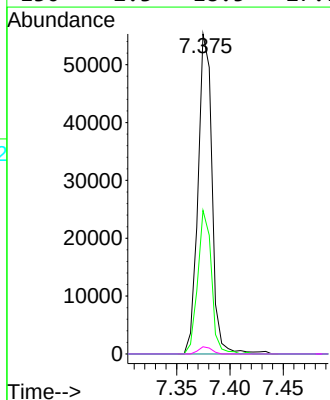
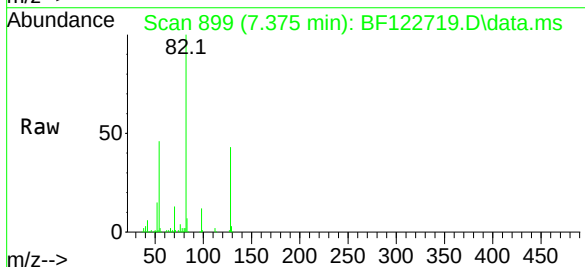
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

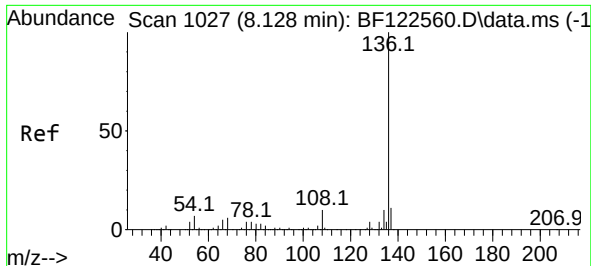
Tgt Ion: 99 Resp: 228121
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 31.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.41 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

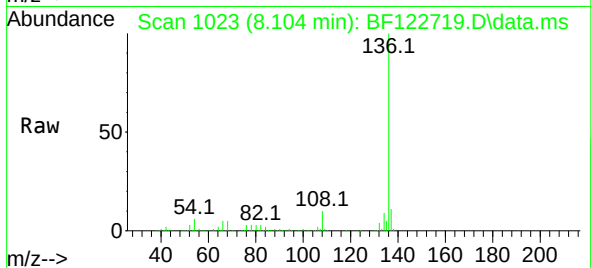
Tgt Ion: 70 Resp: 50901
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



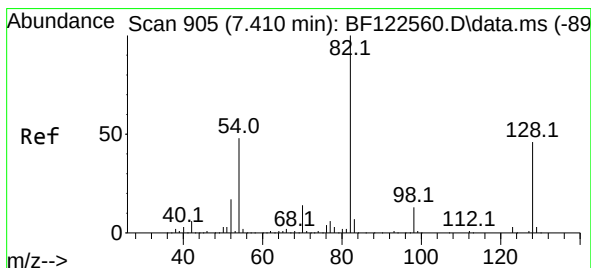
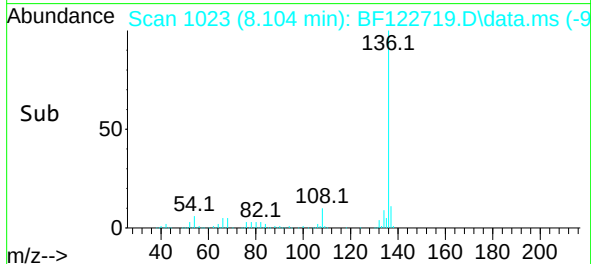
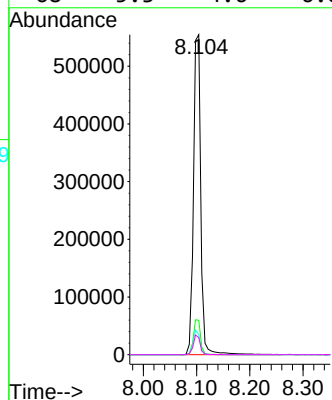


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

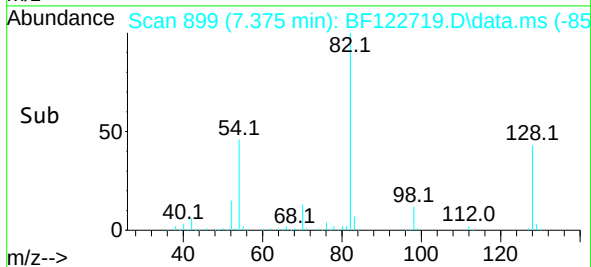
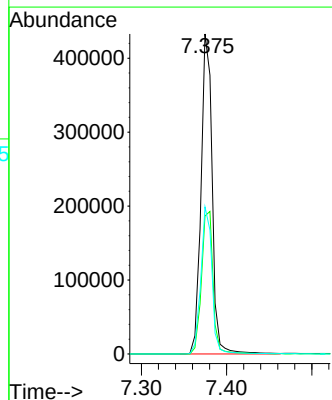
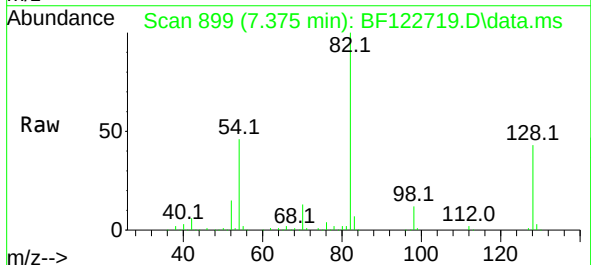


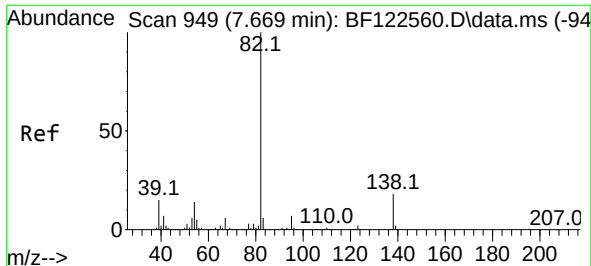
Tgt Ion:136 Resp: 530218
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.5 8.3
68 5.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 37.25 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

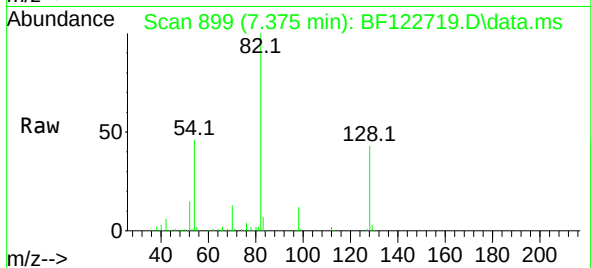
Tgt Ion: 82 Resp: 394172
Ion Ratio Lower Upper
82 100
128 43.2 37.0 55.4
54 46.0 38.4 57.6



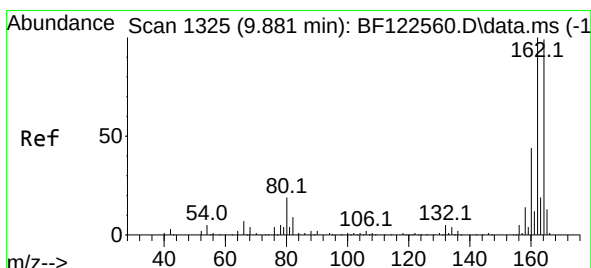
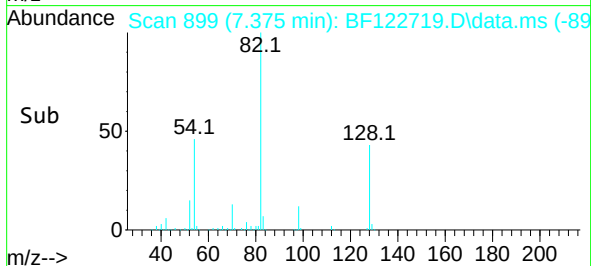
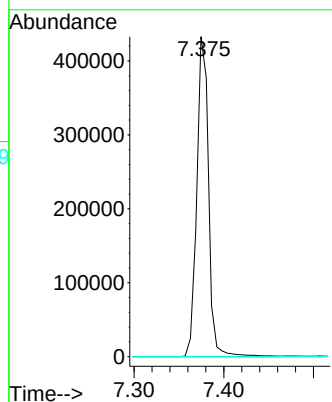


#25
Isophorone
Concen: 21.63 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

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ClientSampleId :
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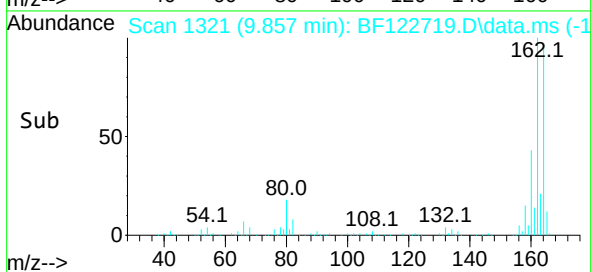
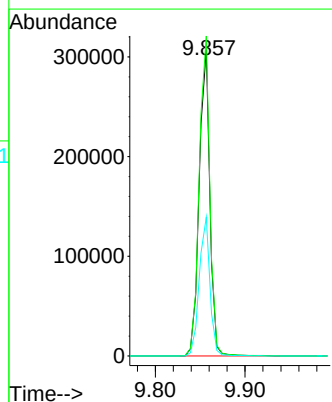
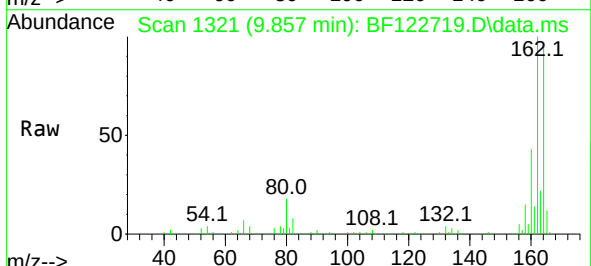


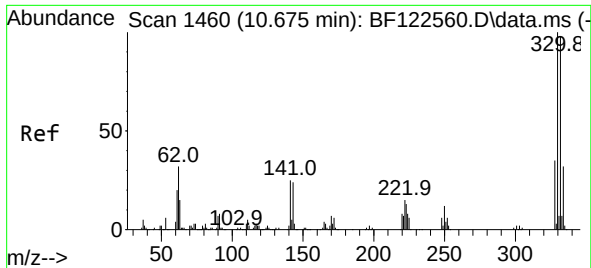
Tgt Ion: 82 Resp: 394166
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

Tgt Ion: 164 Resp: 253965
Ion Ratio Lower Upper
164 100
162 104.5 80.8 121.2
160 45.3 35.4 53.0

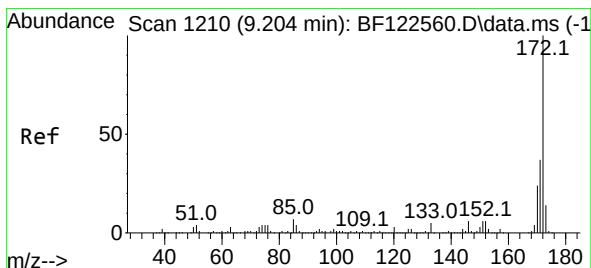
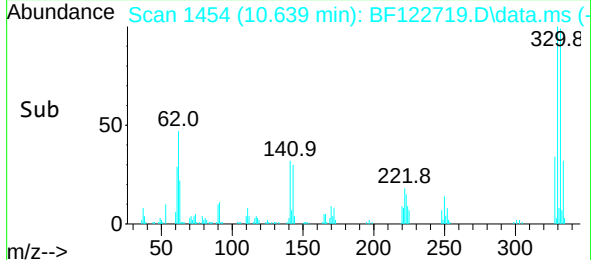
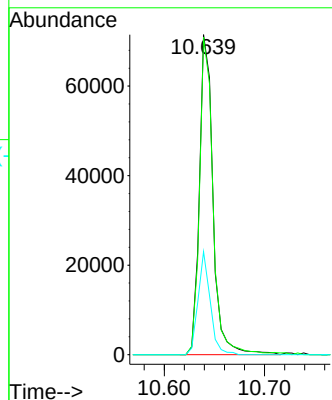
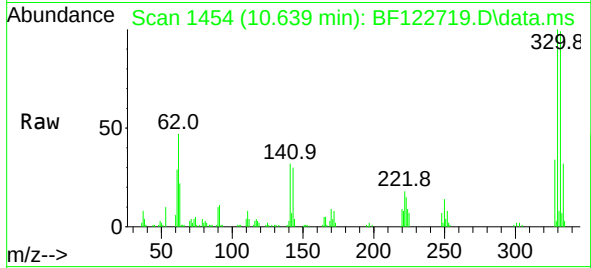




#42
 2,4,6-Tribromophenol
 Concen: 20.29 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BF122719.D
 Acq: 15 Dec 2020 17:06

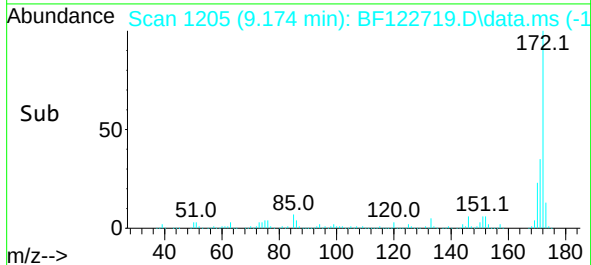
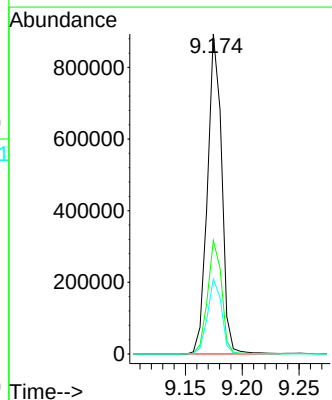
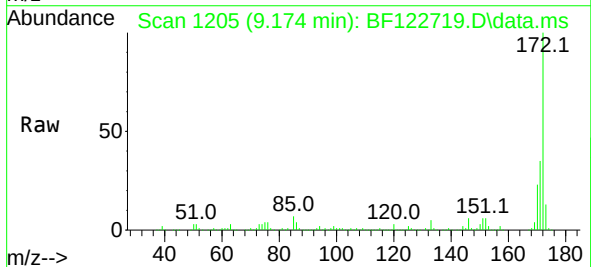
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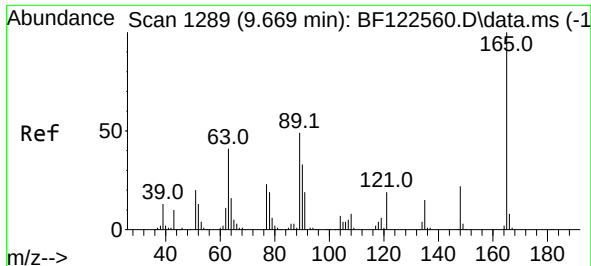
Tgt Ion: 330 Resp: 67456
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.5 116.3
 141 28.8 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 41.37 ng
 RT: 9.174 min Scan# 1205
 Delta R.T. -0.012 min
 Lab File: BF122719.D
 Acq: 15 Dec 2020 17:06

Tgt Ion: 172 Resp: 776718
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.4 19.5 29.3

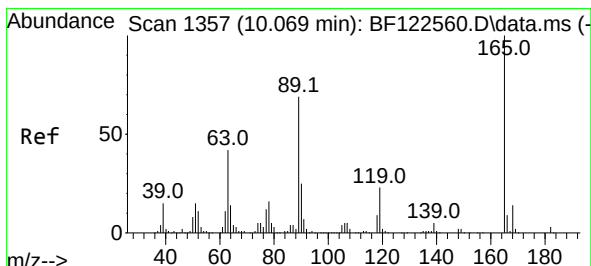
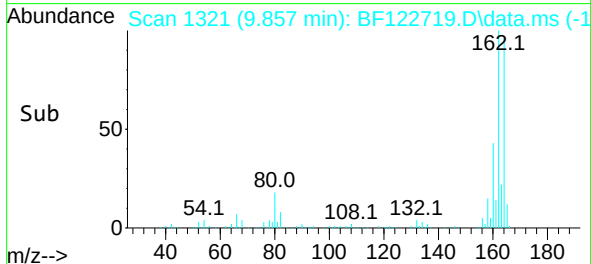
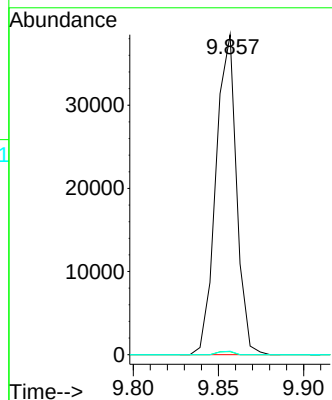
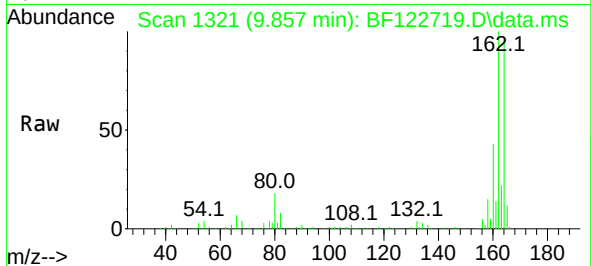




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

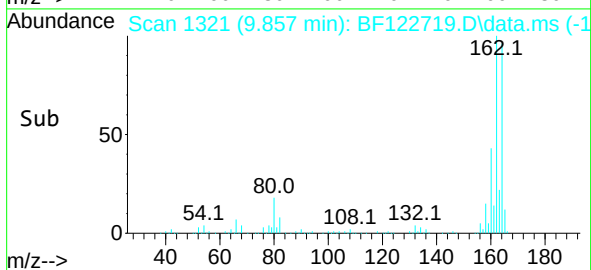
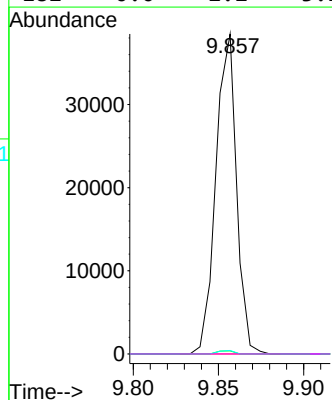
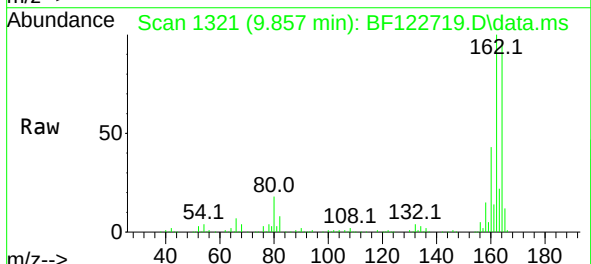
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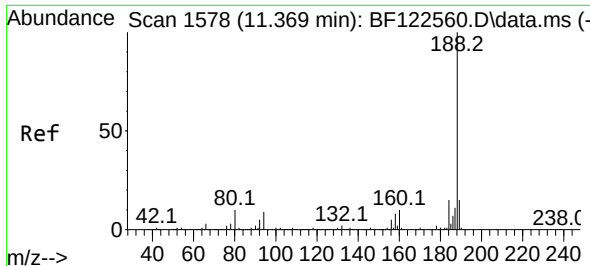
Tgt Ion:165 Resp: 32374
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

Tgt Ion:165 Resp: 32374
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#

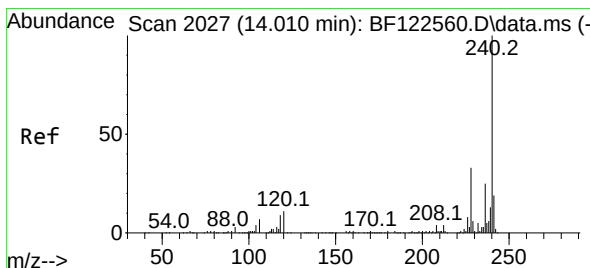
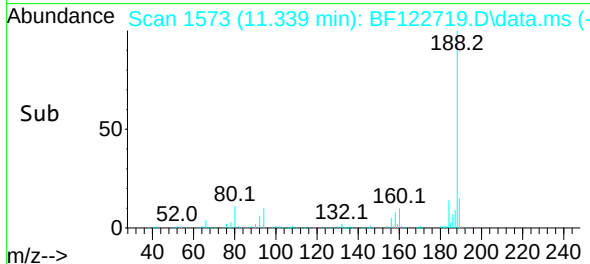
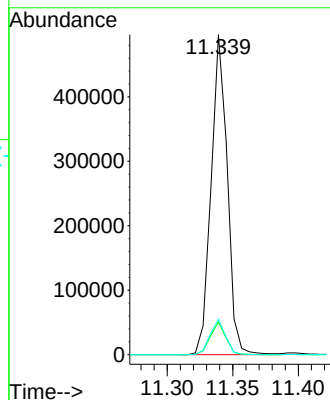
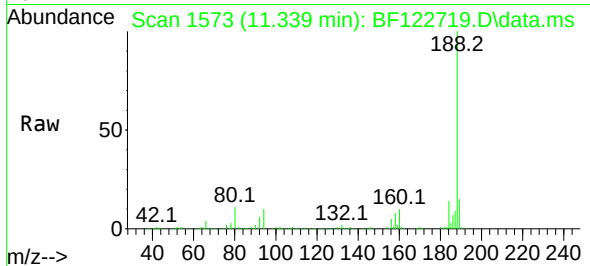




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

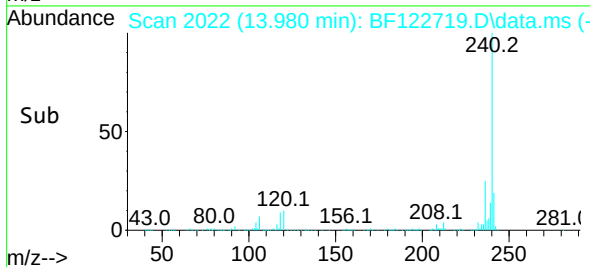
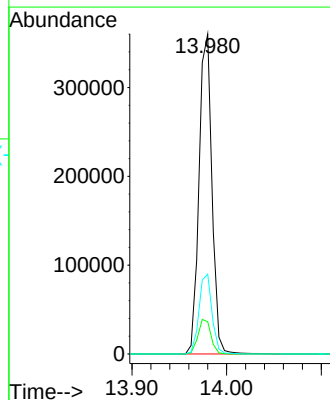
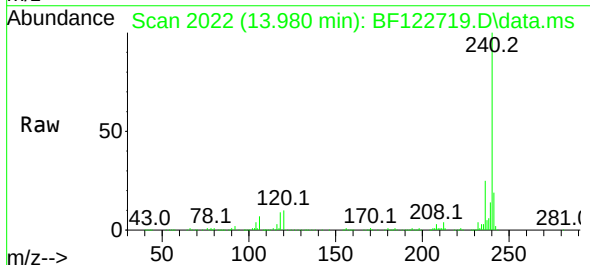
Instrument :
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JBD-WC-S-SB-0203-0-15

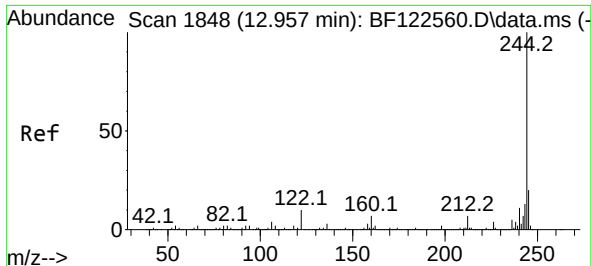
Tgt Ion:188 Resp: 426600
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122719.D
Acq: 15 Dec 2020 17:06

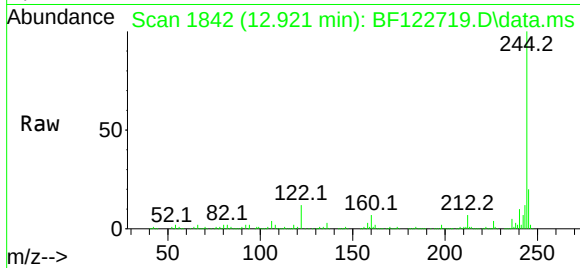
Tgt Ion:240 Resp: 342276
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 24.9 20.3 30.5



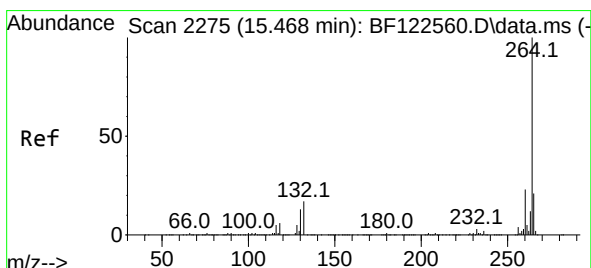
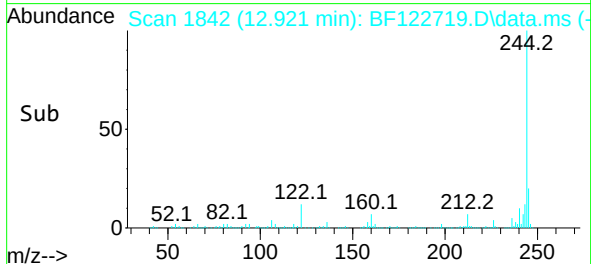
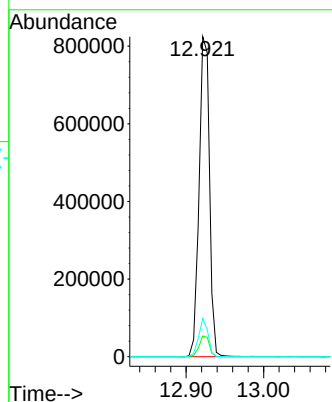


#79
 Terphenyl-d14
 Concen: 39.19 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF122719.D
 Acq: 15 Dec 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-SB-0203-0-15



Tgt Ion:244 Resp: 766239
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 11.9 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: BF122719.D
 Acq: 15 Dec 2020 17:06

Tgt Ion:264 Resp: 342535
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.0 25.6

