

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122120\
 Data File : BF122806.D
 Acq On : 21 Dec 2020 18:17
 Operator : JU/CG
 Sample : L5156-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRIVEWAY-OUTSIDE-GATE

Quant Time: Dec 21 23:49:25 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)

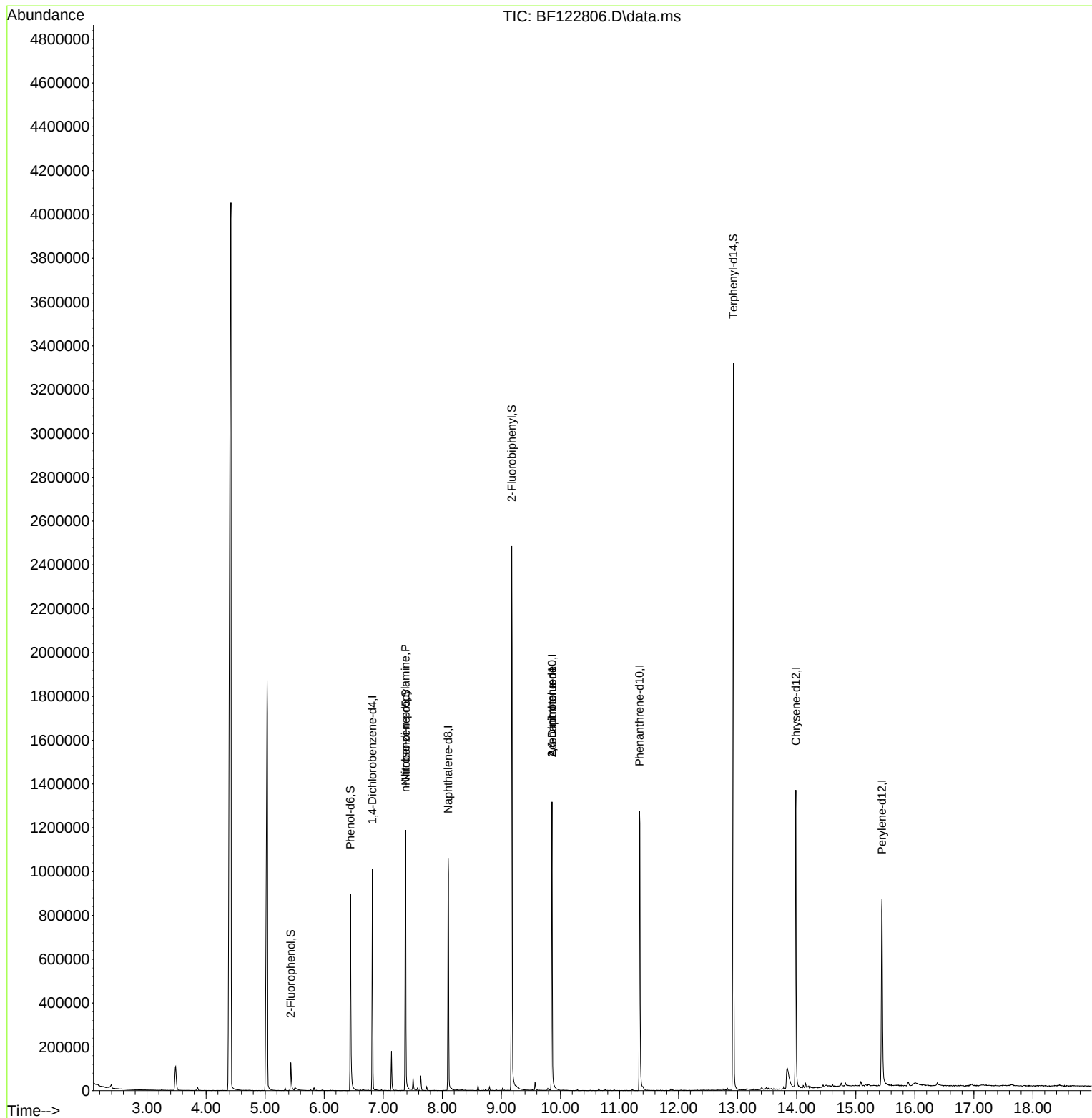
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	138359	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	533693	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	291256	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	575288	20.00	ng	0.00
76) Chrysene-d12	13.986	240	533944	20.00	ng	0.00
86) Perylene-d12	15.445	264	451477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	46472	5.32	ng	0.00
7) Phenol-d6	6.445	99	324212	27.97	ng	-0.01
23) Nitrobenzene-d5	7.380	82	424994	39.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	1832	0.48	ng	0.00
45) 2-Fluorobiphenyl	9.174	172	855926	39.75	ng	-0.01
79) Terphenyl-d14	12.927	244	1150139	37.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	55243	8.32	ng	# 76
51) 2,6-Dinitrotoluene	9.857	165	35904	7.31	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	36397	5.56	ng	# 25

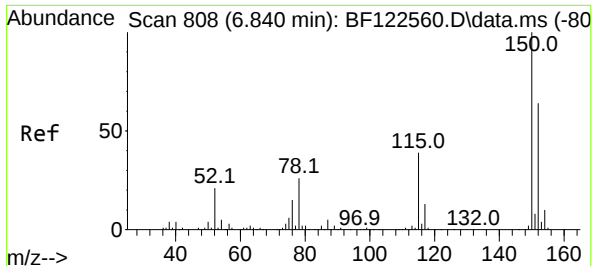
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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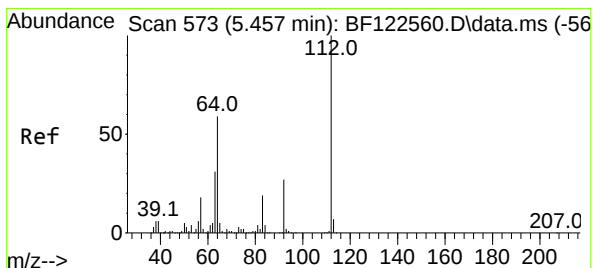
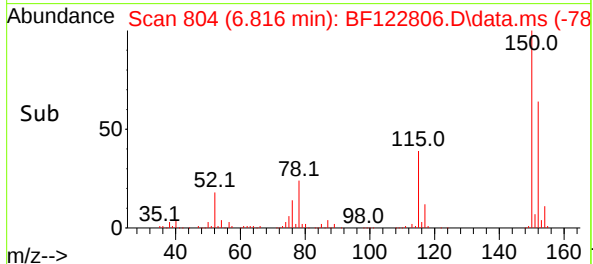
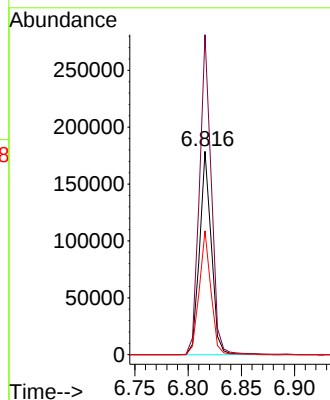
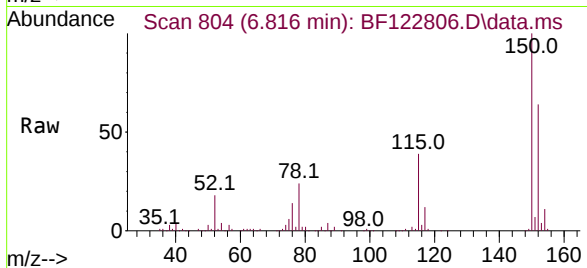




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

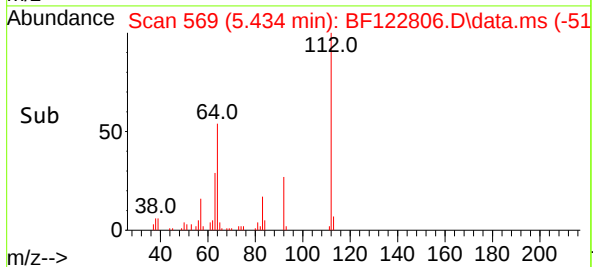
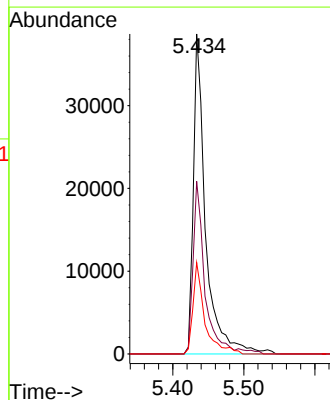
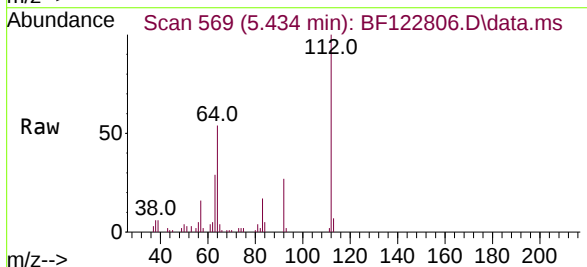
Instrument :
BNA_F
ClientSampleId :
DRIVEWAY-OUTSIDE-GATE

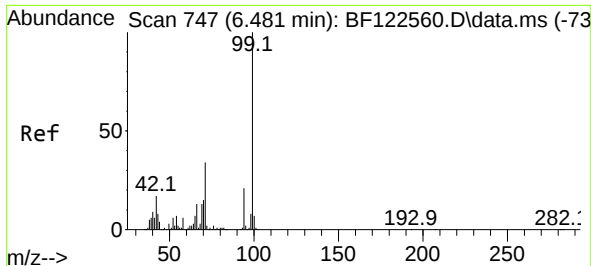
Tgt Ion:152 Resp: 138359
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 5.32 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

Tgt Ion:112 Resp: 46472
Ion Ratio Lower Upper
112 100
64 54.0 46.9 70.3
63 28.6 24.5 36.7

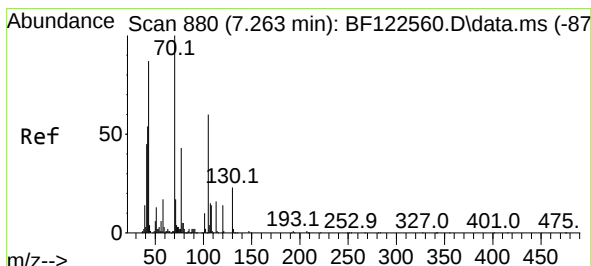
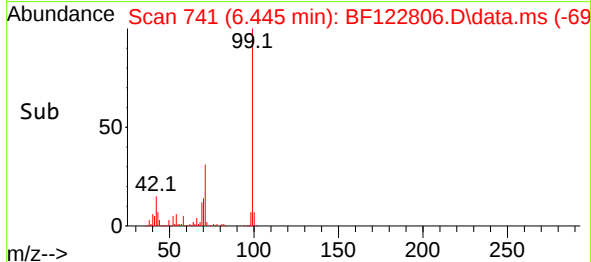
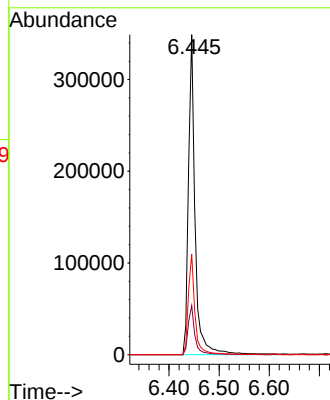
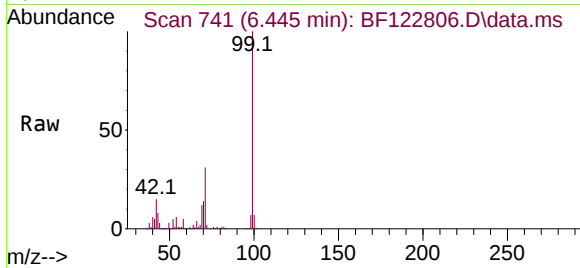




#7
Phenol-d6
Concen: 27.97 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

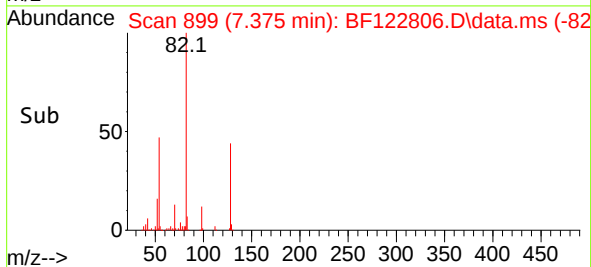
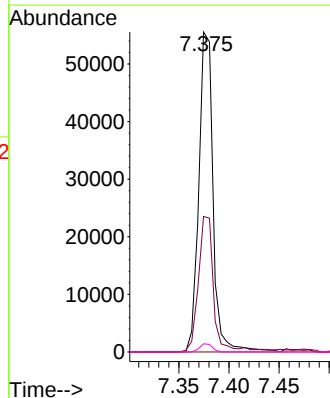
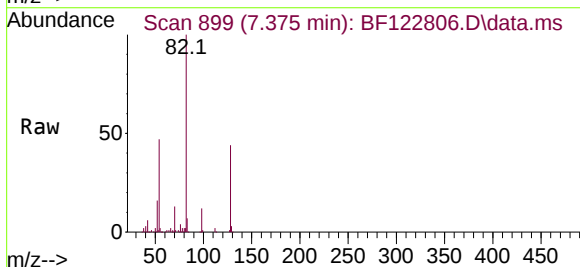
Instrument :
BNA_F
ClientSampleId :
DRIVEWAY-OUTSIDE-GATE

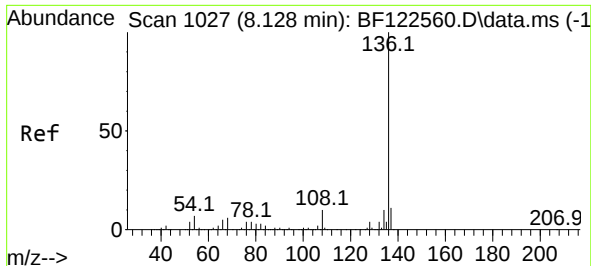
Tgt Ion: 99 Resp: 324212
Ion Ratio Lower Upper
99 100
42 15.3 13.8 20.6
71 31.4 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.32 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

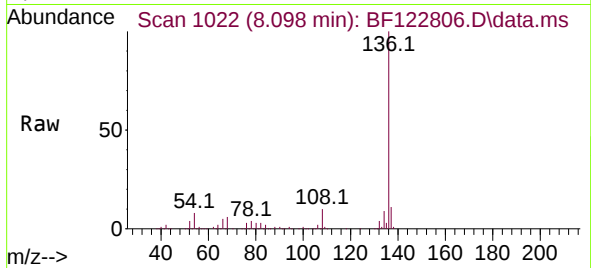
Tgt Ion: 70 Resp: 55243
Ion Ratio Lower Upper
70 100
42 42.3 43.0 64.4#
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



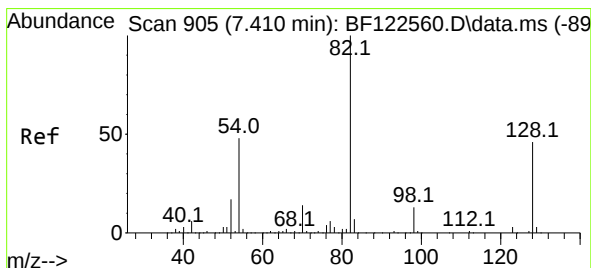
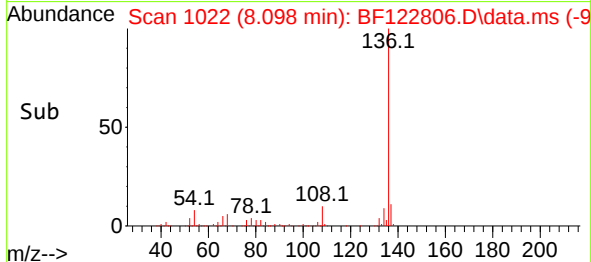
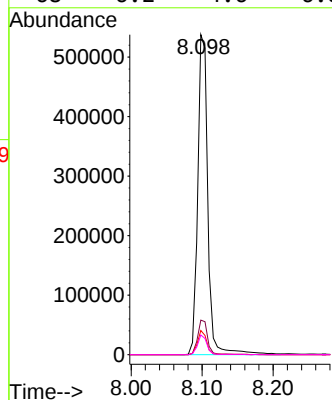


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

Instrument :
BNA_F
ClientSampleId :
DRIVEWAY-OUTSIDE-GATE

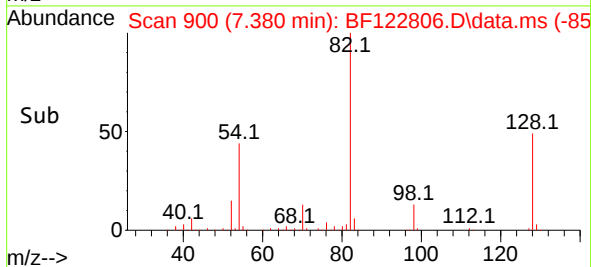
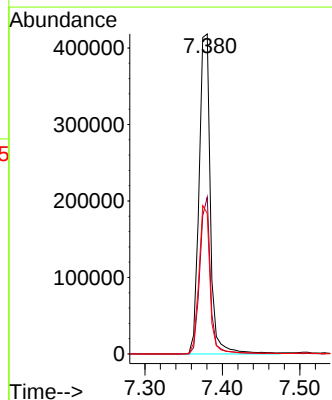
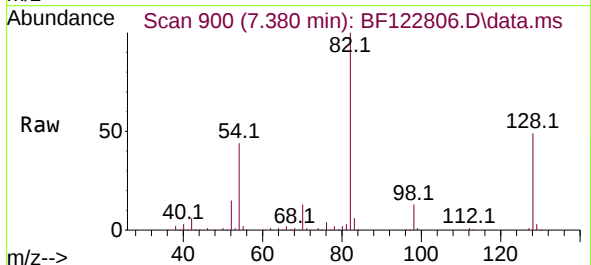


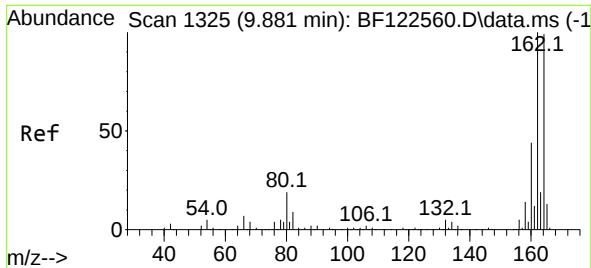
Tgt Ion:136 Resp: 533693
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.5 8.3
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 39.90 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

Tgt Ion: 82 Resp: 424994
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 43.9 38.4 57.6

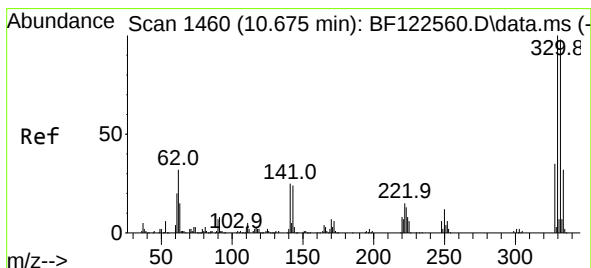
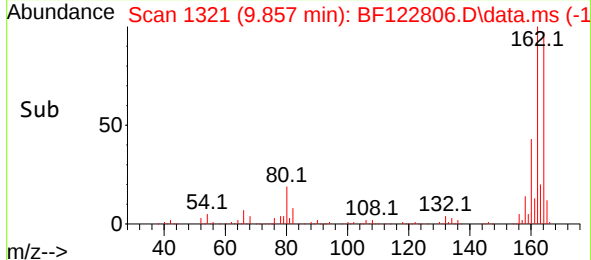
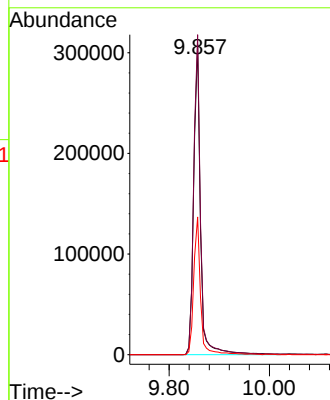
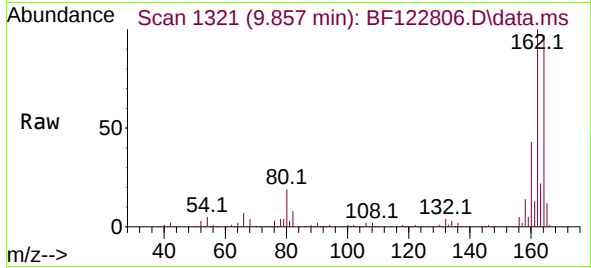




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

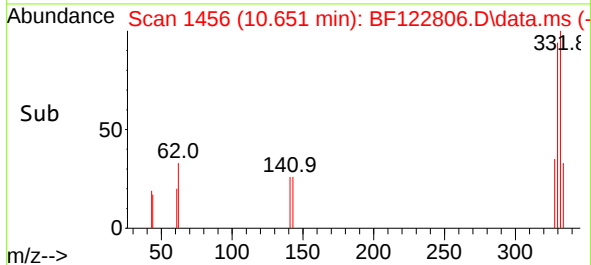
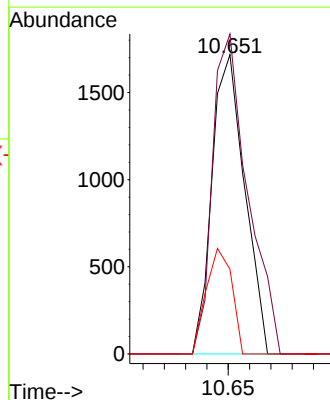
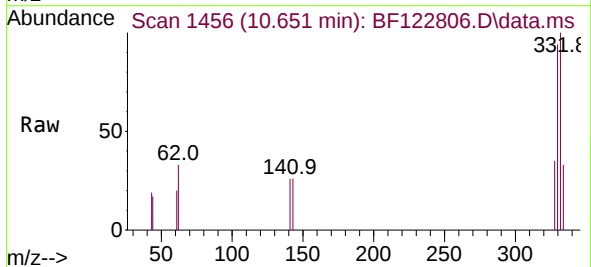
Instrument :
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ClientSampleId :
DRIVEWAY-OUTSIDE-GATE

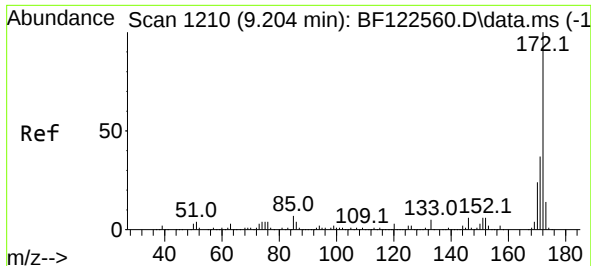
Tgt Ion:164 Resp: 291256
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 44.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

Tgt Ion:330 Resp: 1832
Ion Ratio Lower Upper
330 100
332 115.2 77.5 116.3
141 27.7 23.8 35.8

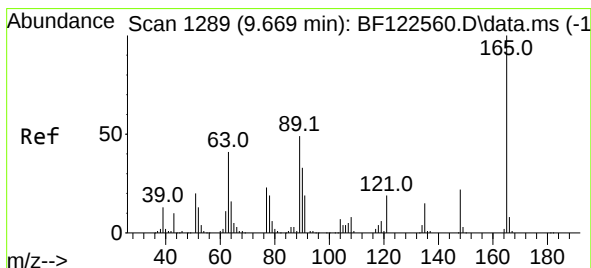
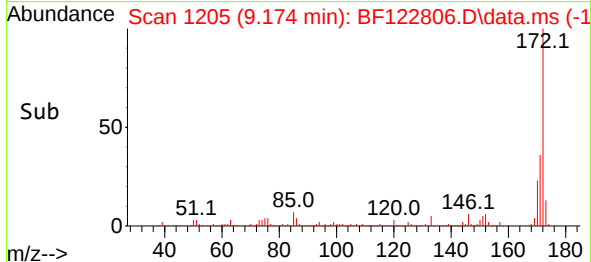
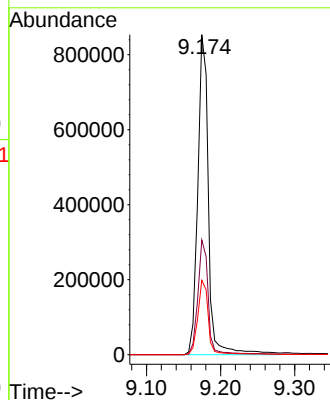
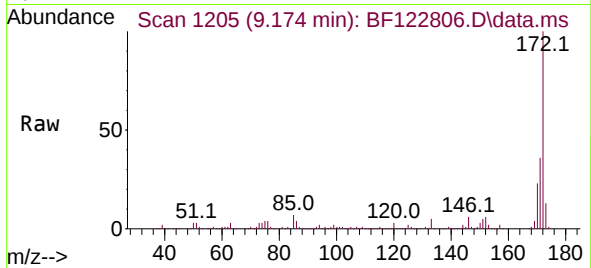




#45
2-Fluorobiphenyl
Concen: 39.75 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

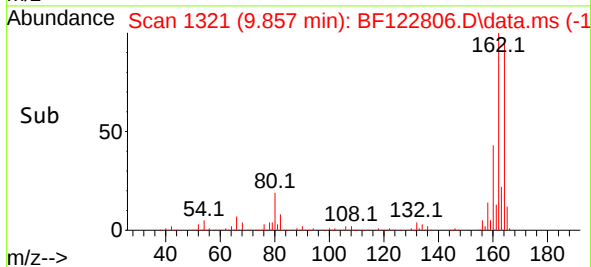
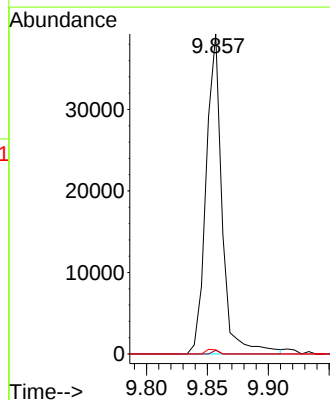
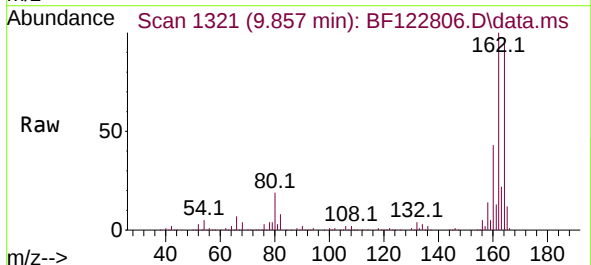
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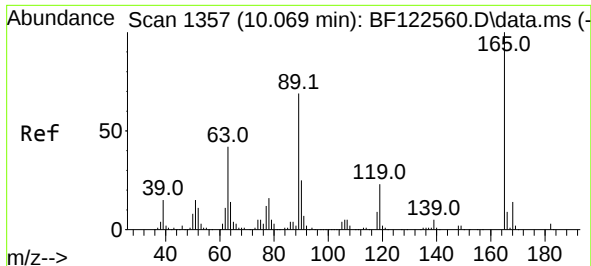
Tgt Ion:172 Resp: 855926
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

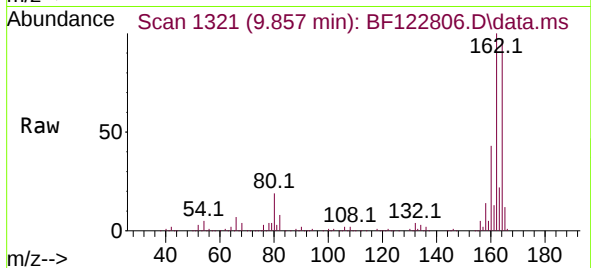
Tgt Ion:165 Resp: 35904
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.3 39.4 59.0#



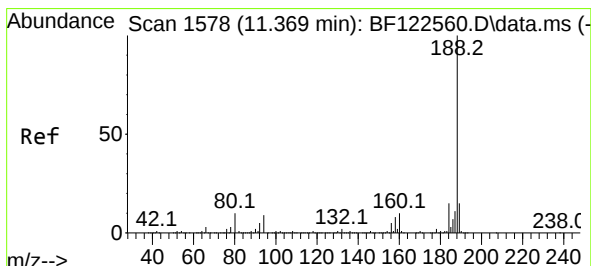
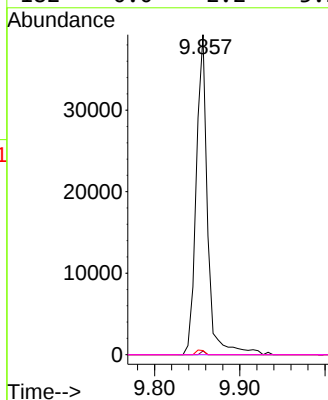
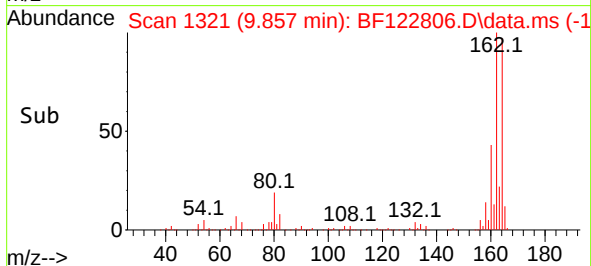


#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

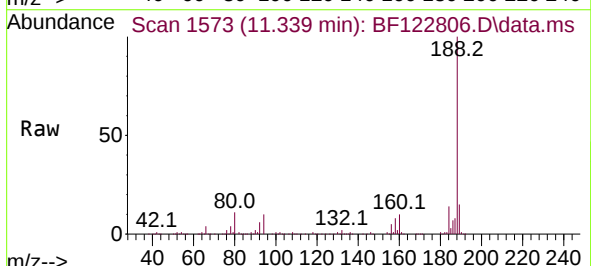
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ClientSampleId :
DRIVEWAY-OUTSIDE-GATE



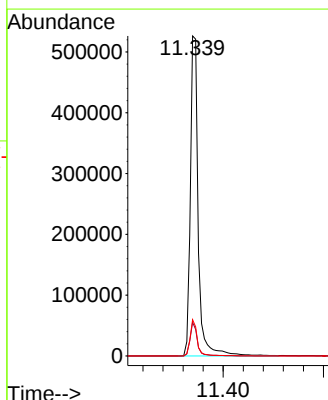
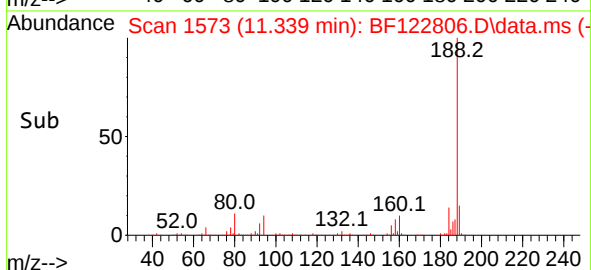
Tgt Ion:165 Resp: 36397
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

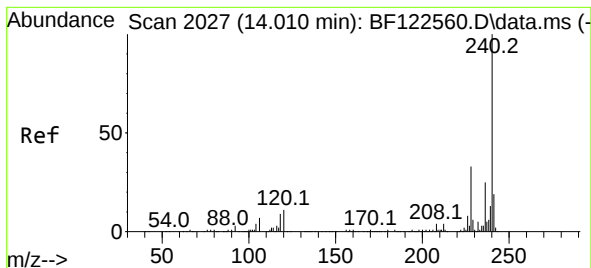


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17



Tgt Ion:188 Resp: 575288
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.4 8.2 12.4

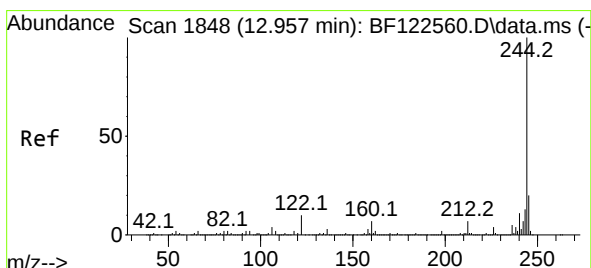
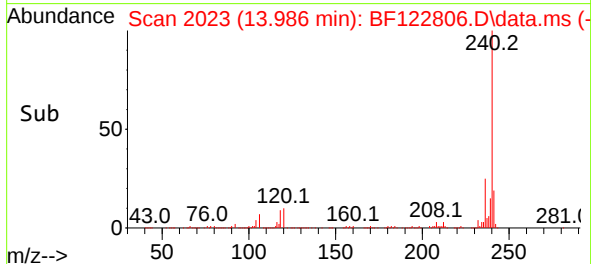
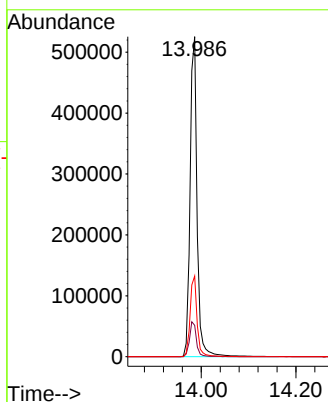
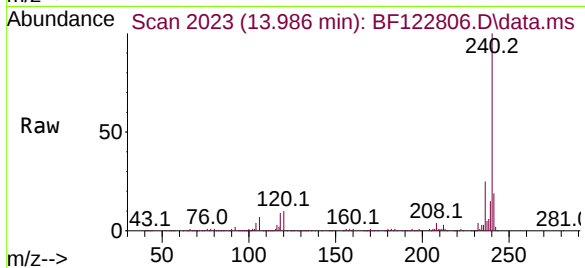




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

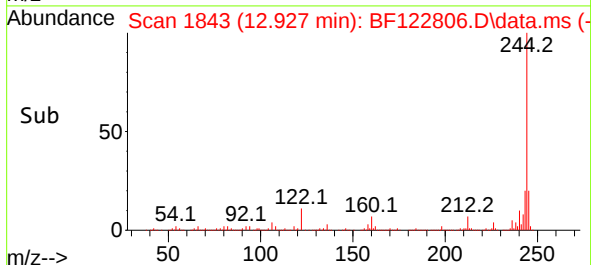
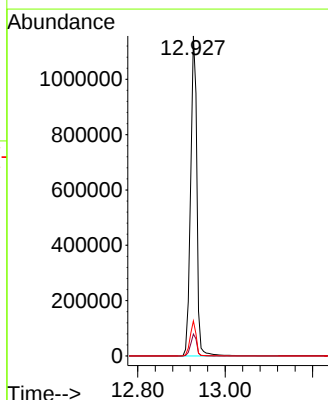
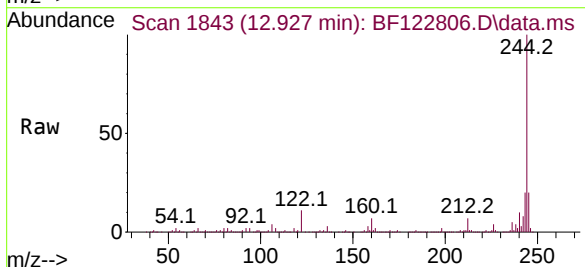
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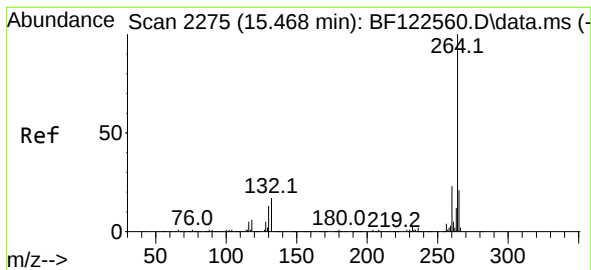
Tgt Ion:240 Resp: 533944
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 37.71 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122806.D
Acq: 21 Dec 2020 18:17

Tgt Ion:244 Resp: 1150139
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF122806.D
 Acq: 21 Dec 2020 18:17

Instrument :
 BNA_F
 ClientSampleId :
 DRIVEWAY-OUTSIDE-GATE

Tgt Ion:264 Resp: 451477
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.0 25.6

