

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122276.D
 Acq On : 4 Nov 2020 21:51
 Operator : JU/CG
 Sample : L4613-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282

Quant Time: Nov 05 00:23:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

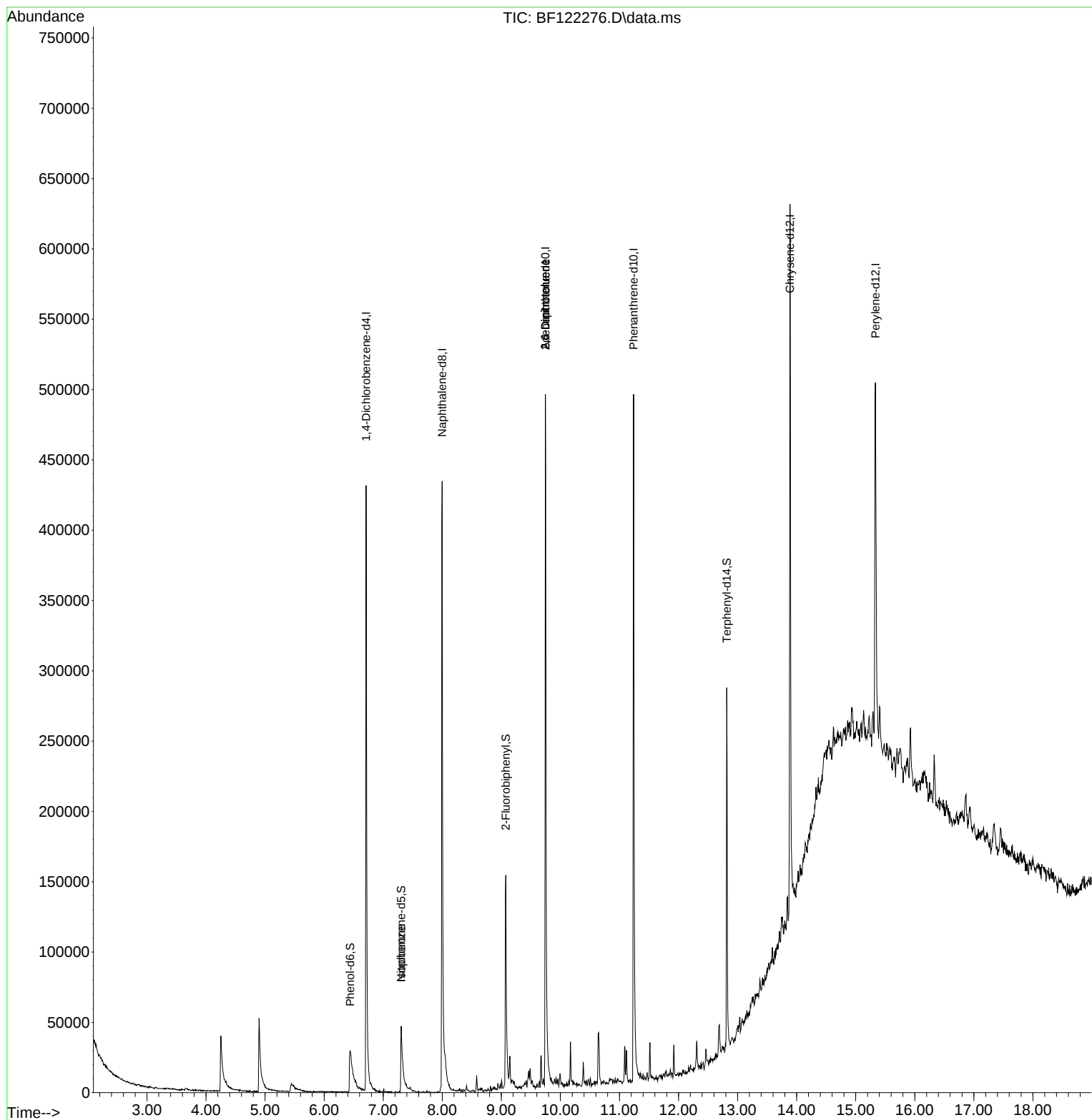
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	79478	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	296577	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	132627	20.00	ng	0.00
64) Phenanthrene-d10	11.239	188	231222	20.00	ng	0.00
76) Chrysene-d12	13.886	240	203062	20.00	ng	0.00
86) Perylene-d12	15.333	264	144418	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	8489	1.58	ng	0.11
7) Phenol-d6	6.440	99	47208	6.81	ng	0.07
23) Nitrobenzene-d5	7.304	82	46224	7.99	ng	0.02
42) 2,4,6-Tribromophenol	10.581	330	274	0.17	ng	0.04
45) 2-Fluorobiphenyl	9.075	172	85235	9.46	ng	0.00
79) Terphenyl-d14	12.816	244	83166	7.81	ng	0.00
Target Compounds						
25) Isophorone	7.304	82	46224	4.23	ng	# 67
51) 2,6-Dinitrotoluene	9.745	165	16669	7.84	ng	# 19
57) 2,4-Dinitrotoluene	9.745	165	16791	6.41	ng	# 18

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122276.D
Acq On : 4 Nov 2020 21:51
Operator : JU/CG
Sample : L4613-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282

Quant Time: Nov 05 00:23:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

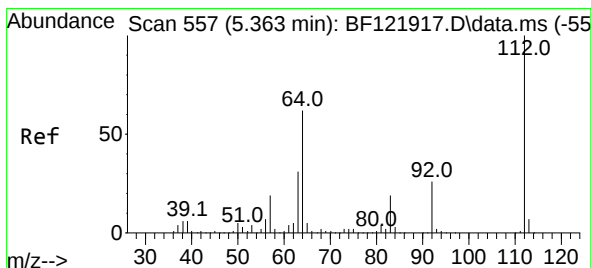
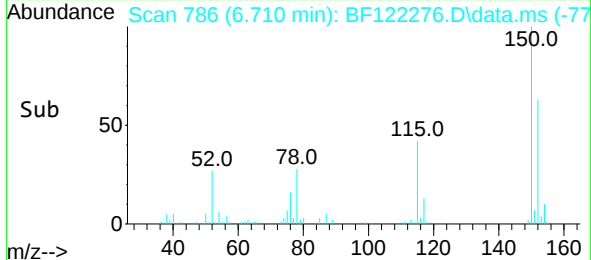
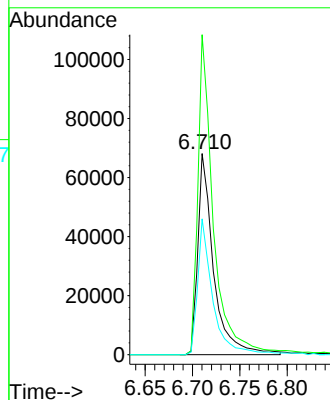
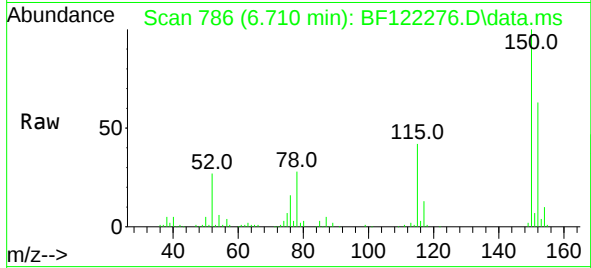




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

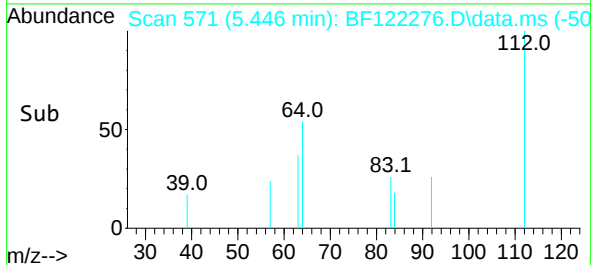
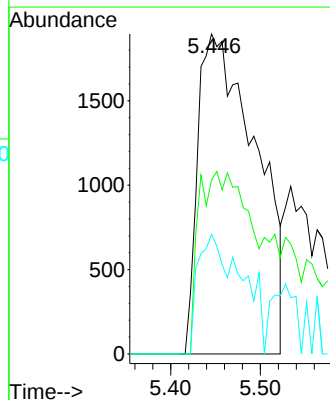
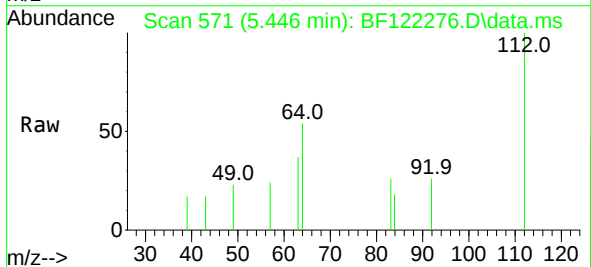
Instrument :
BNA_F
ClientSampleId :
282

Tgt Ion:152 Resp: 79478
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 67.6 51.9 77.9



#5
2-Fluorophenol
Concen: 1.58 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.112 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

Tgt Ion:112 Resp: 8489
Ion Ratio Lower Upper
112 100
64 54.4 50.4 75.6
63 37.4 25.8 38.6

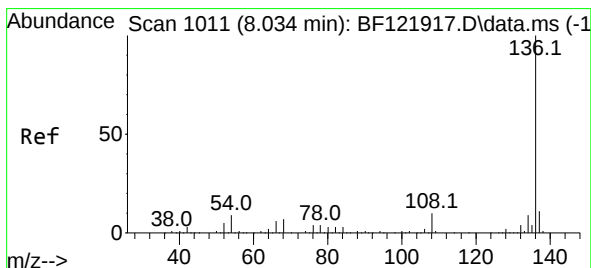
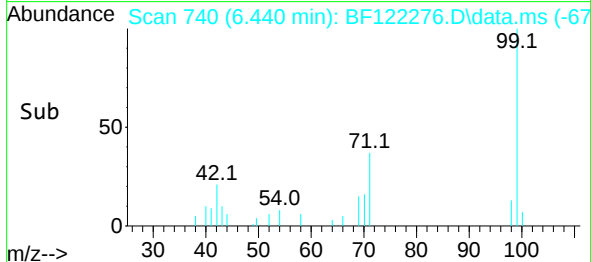
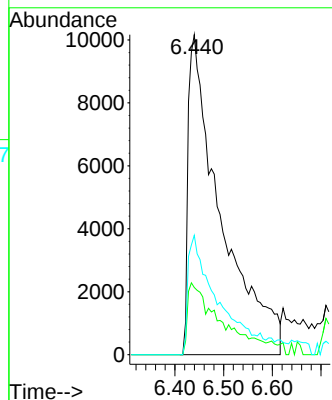
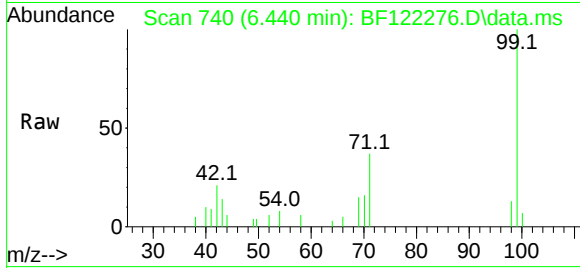




#7
Phenol-d6
Concen: 6.81 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.071 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

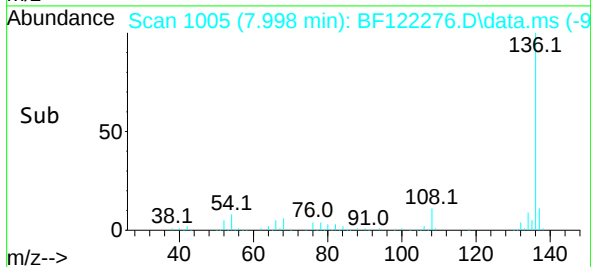
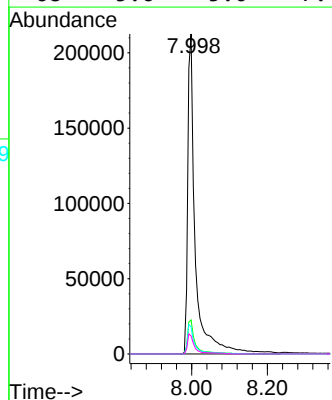
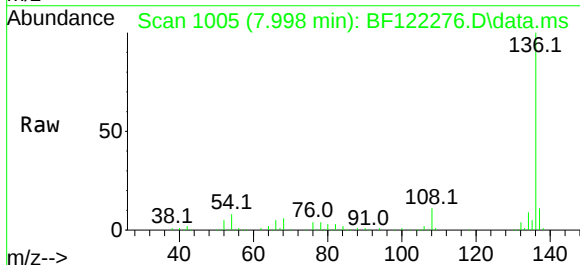
Instrument :
BNA_F
ClientSampled :
282

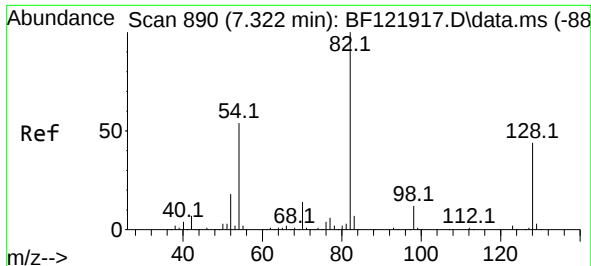
Tgt Ion: 99 Resp: 47208
Ion Ratio Lower Upper
99 100
42 21.0 15.9 23.9
71 37.3 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

Tgt Ion: 136 Resp: 296577
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.1 10.7
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 7.99 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.018 min

Lab File: BF122276.D

Acq: 4 Nov 2020 21:51

Tgt Ion: 82 Resp: 46224

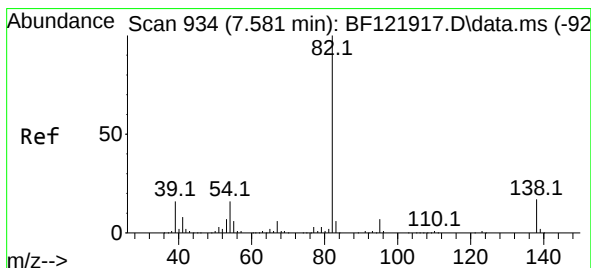
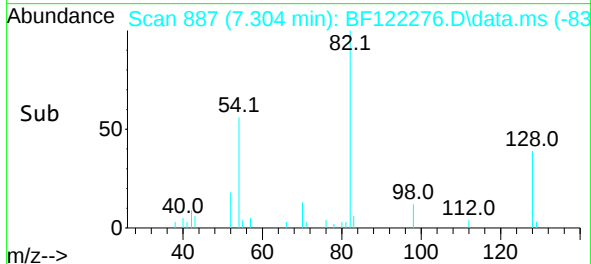
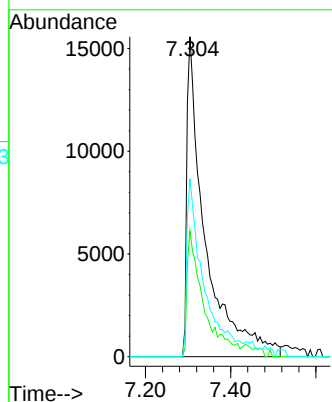
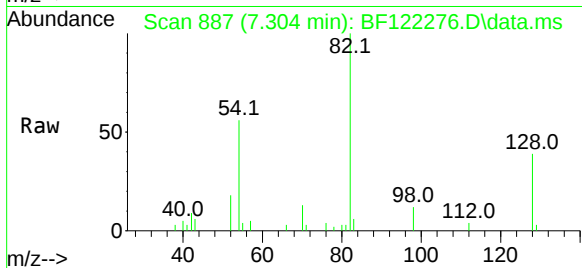
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.0	52.4
54	55.6	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

282



#25

Isophorone

Concen: 4.23 ng

RT: 7.304 min Scan# 887

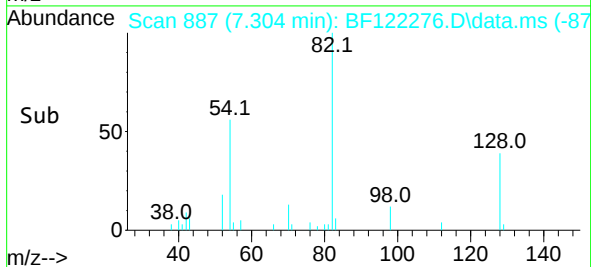
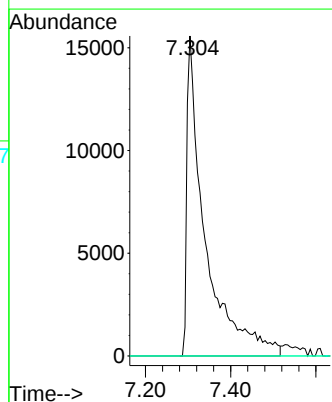
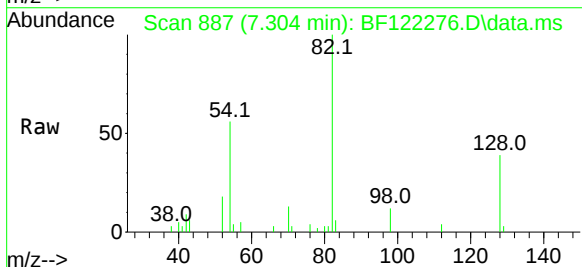
Delta R.T. -0.241 min

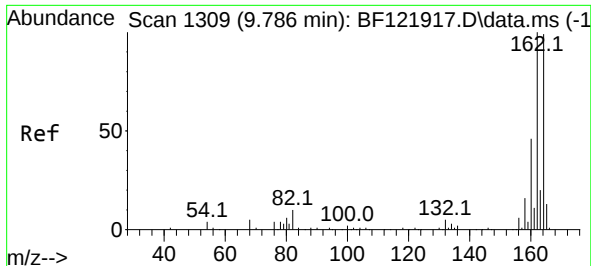
Lab File: BF122276.D

Acq: 4 Nov 2020 21:51

Tgt Ion: 82 Resp: 46224

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

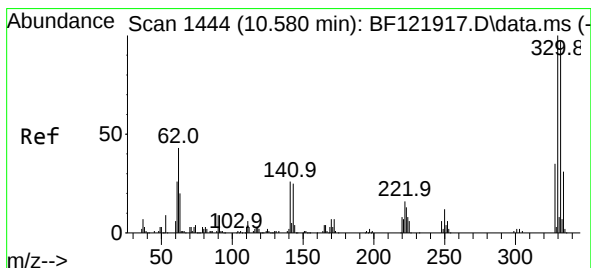
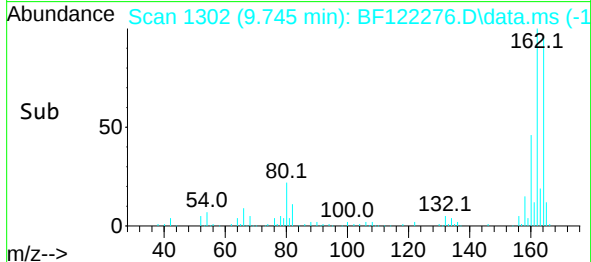
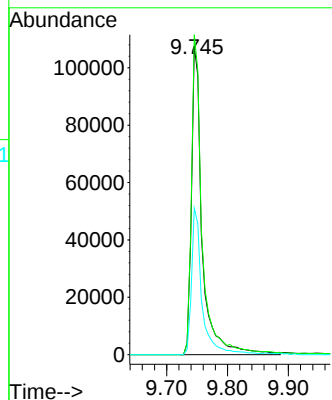
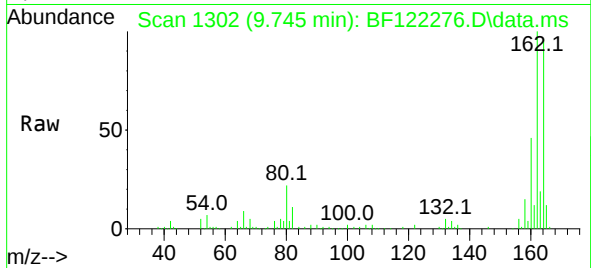




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

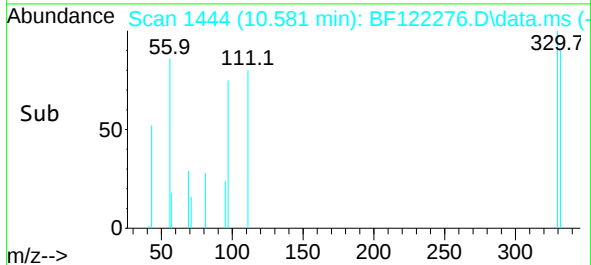
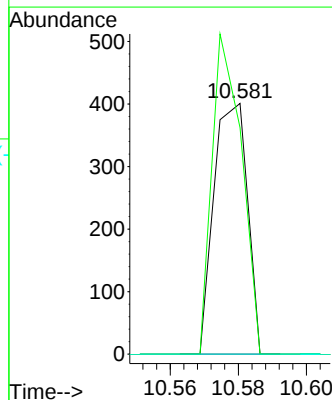
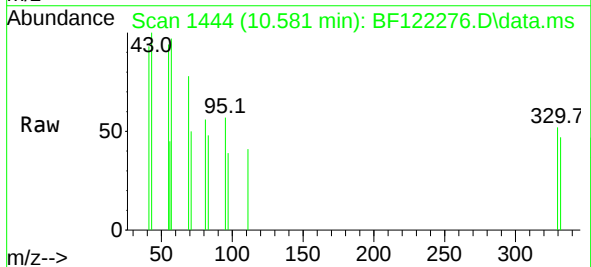
Instrument :
BNA_F
ClientSampleId :
282

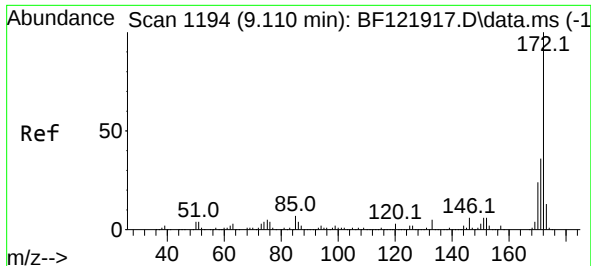
Tgt Ion:164 Resp: 132627
Ion Ratio Lower Upper
164 100
162 103.7 83.2 124.8
160 47.5 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.035 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

Tgt Ion:330 Resp: 274
Ion Ratio Lower Upper
330 100
332 112.8 77.3 115.9
141 0.0 22.3 33.5#

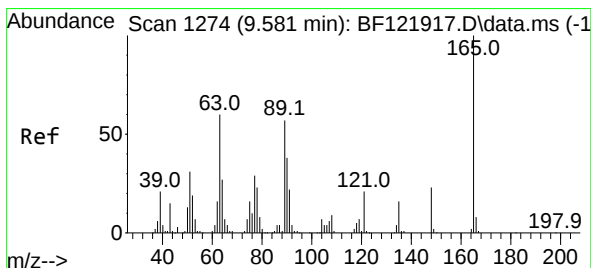
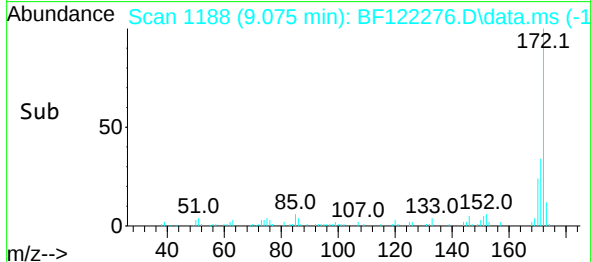
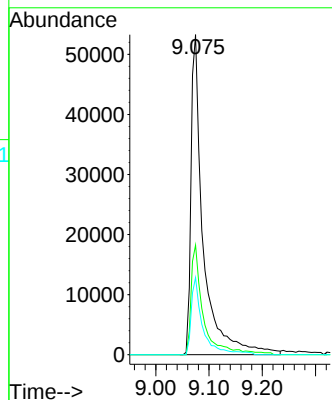
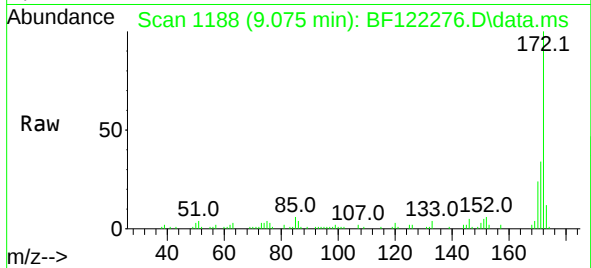




#45
2-Fluorobiphenyl
Concen: 9.46 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

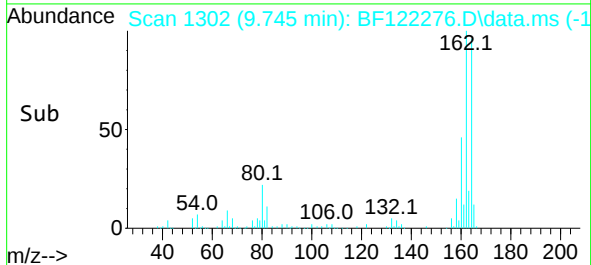
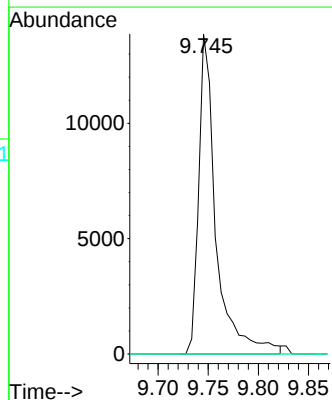
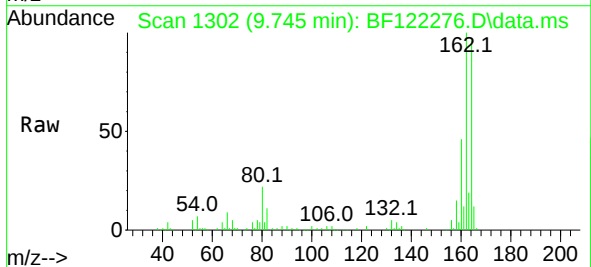
Instrument :
BNA_F
ClientSampleId :
282

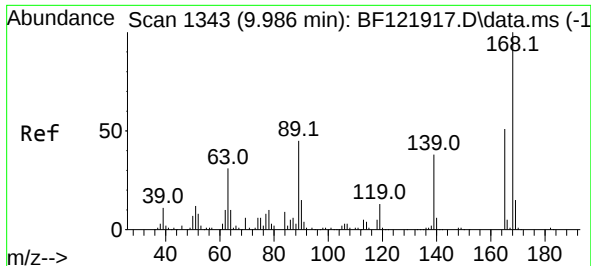
Tgt Ion:172 Resp: 85235
Ion Ratio Lower Upper
172 100
171 34.2 29.1 43.7
170 24.1 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.194 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

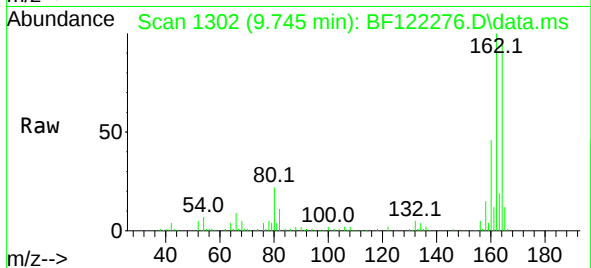
Tgt Ion:165 Resp: 16669
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 0.0 49.0 73.6#



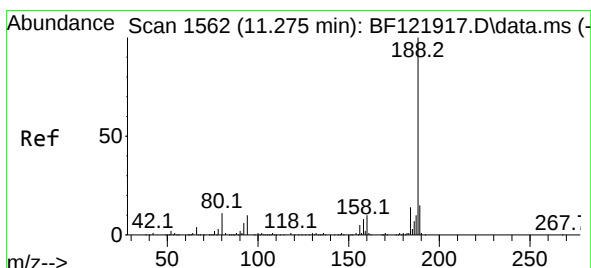
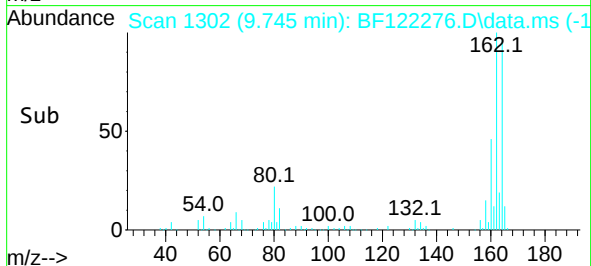
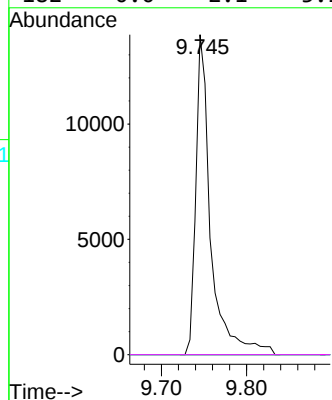


#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

Instrument :
BNA_F
ClientSampleId :
282

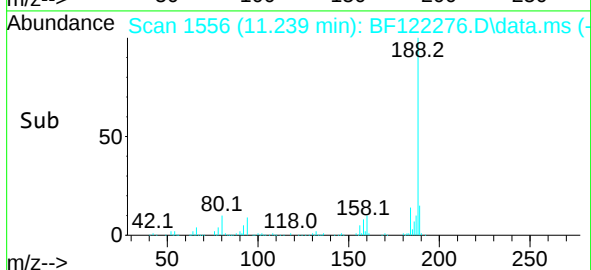
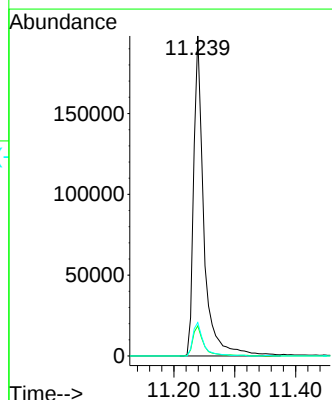
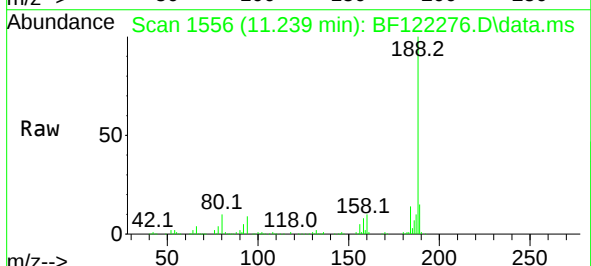


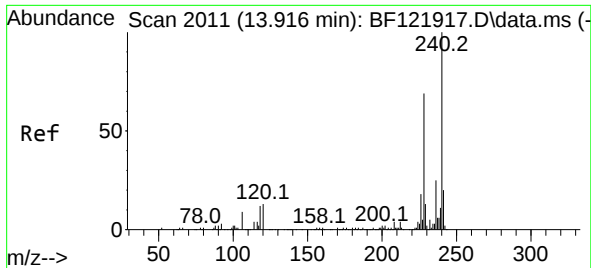
Tgt Ion:165 Resp: 16791
Ion Ratio Lower Upper
165 100
63 0.0 41.3 61.9#
89 0.0 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

Tgt Ion:188 Resp: 231222
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.5 9.1 13.7

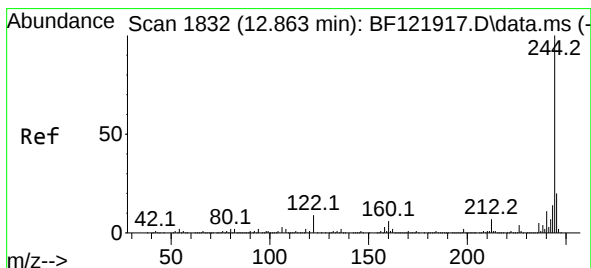
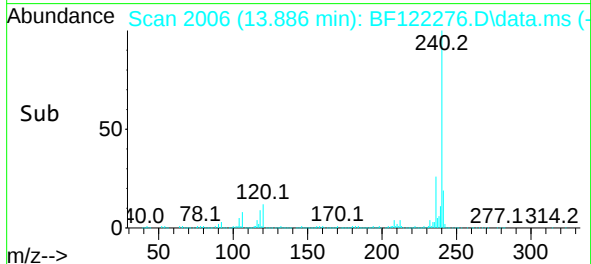
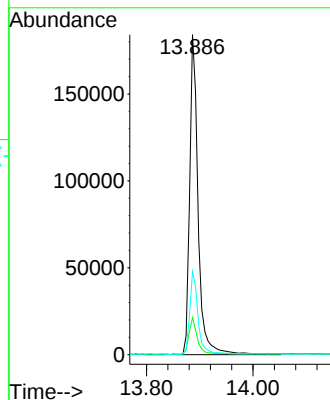
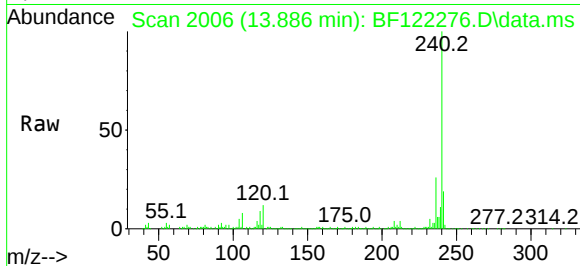




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

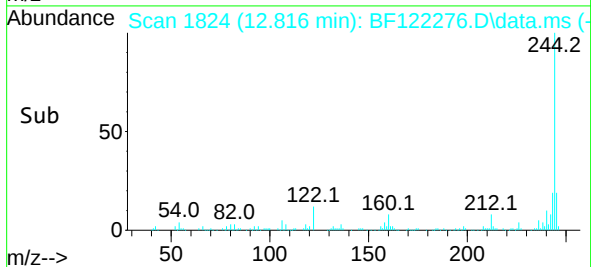
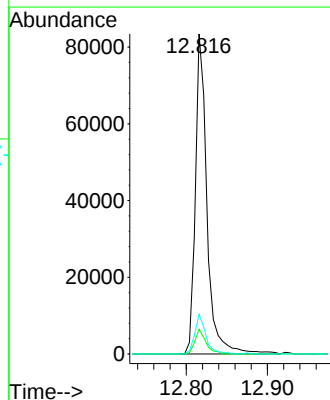
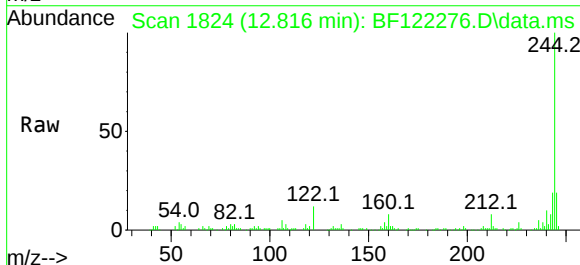
Instrument :
BNA_F
ClientSampleId :
282

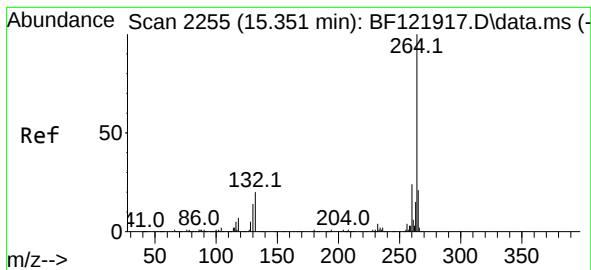
Tgt Ion:240 Resp: 203062
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 7.81 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF122276.D
Acq: 4 Nov 2020 21:51

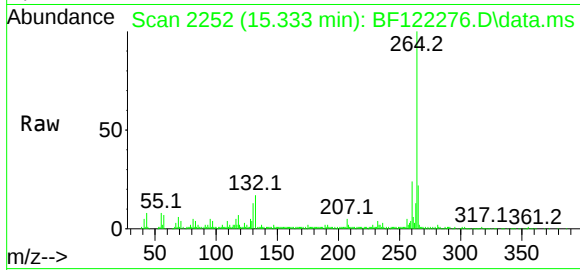
Tgt Ion:244 Resp: 83166
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 12.4 8.1 12.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. 0.029 min
 Lab File: BF122276.D
 Acq: 4 Nov 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 282



Tgt Ion:264 Resp: 144418
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.8 17.3 25.9

