

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116305.D
 Acq On : 16 Aug 2019 3:27
 Operator : HP/JU
 Sample : K4356-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 05:13:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

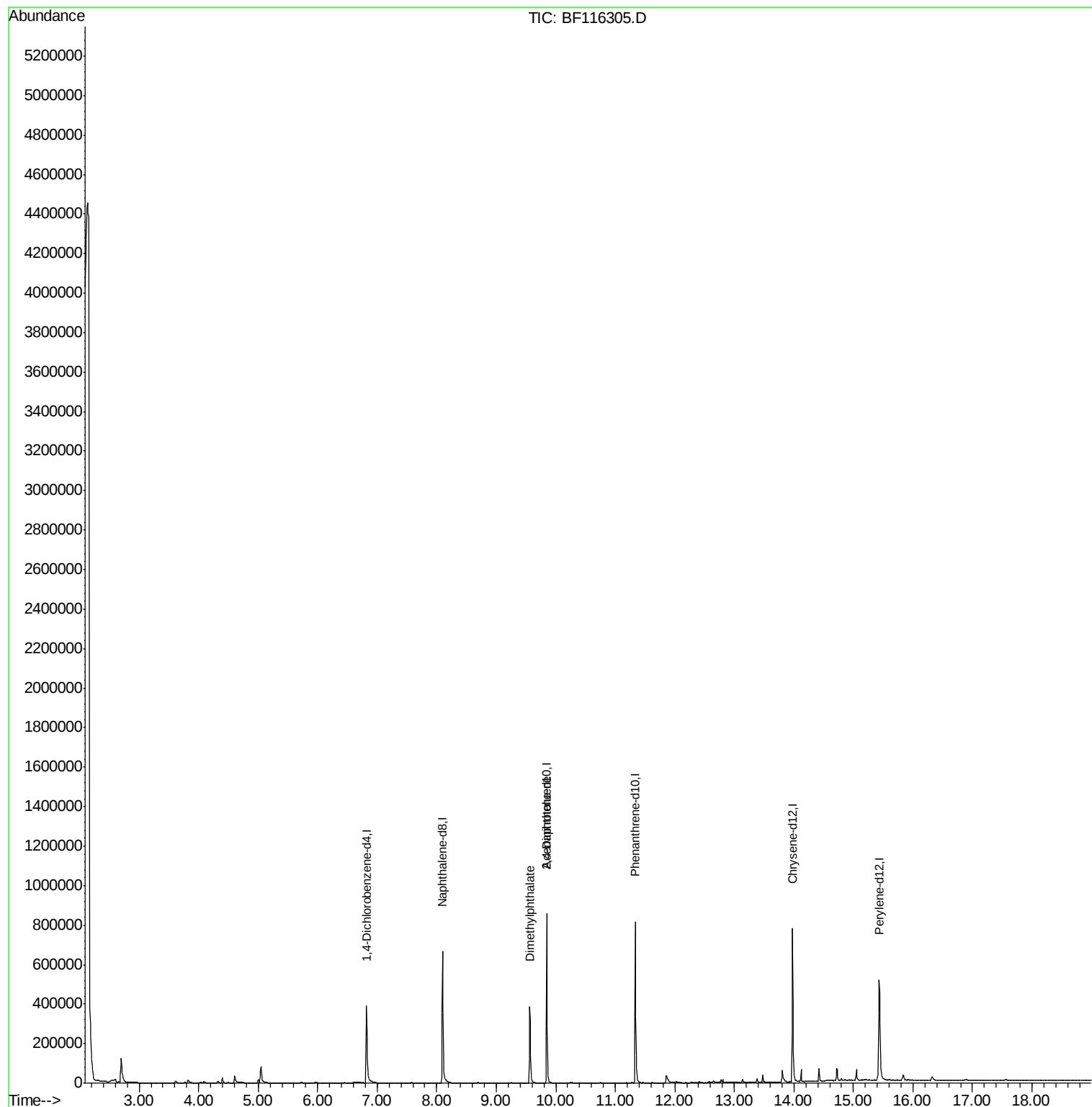
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	83402	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	365134	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	195004	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	365403	20.00	ng	-0.04
76) Chrysene-d12	13.97	240	319845	20.00	ng	-0.04
87) Perylene-d12	15.43	264	296818	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.19	172	622	0.06	ng	-0.01
79) Terphenyl-d14	12.92	244	1771	0.12	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.56	163	196249	14.780	ng	99
57) 2,4-Dinitrotoluene	9.85	165	25135	6.543	ng	# 19

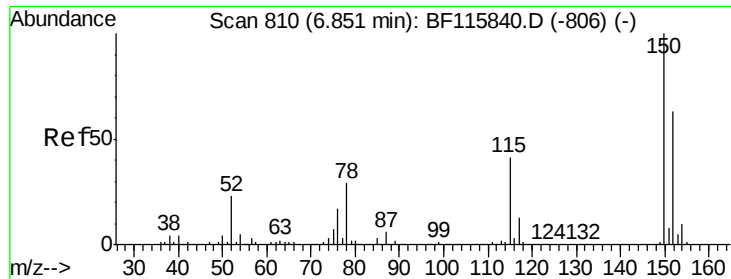
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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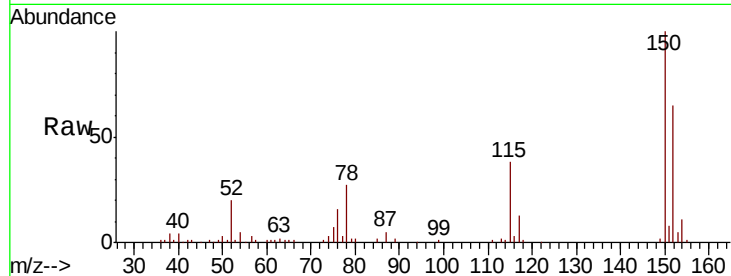


#1

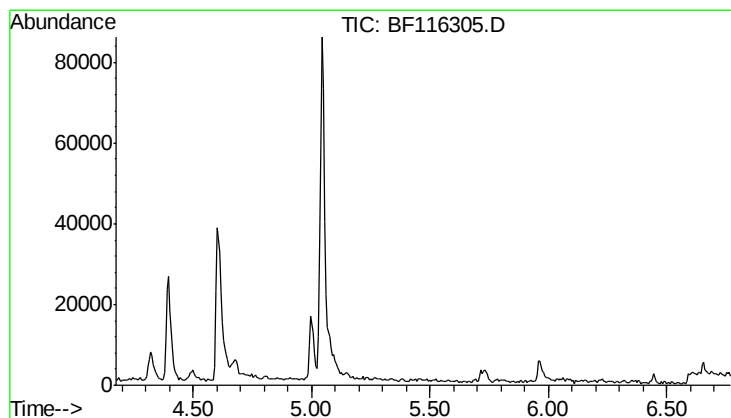
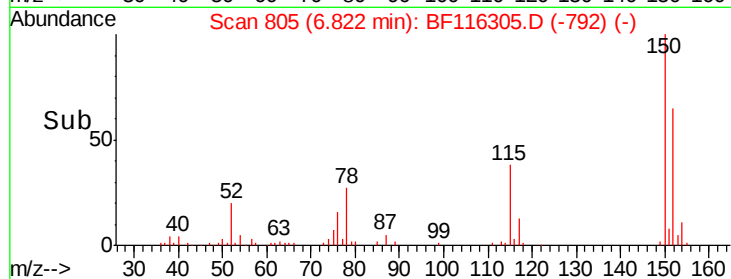
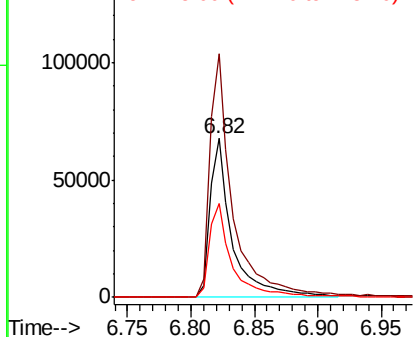
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	59.0	49.9	74.9



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

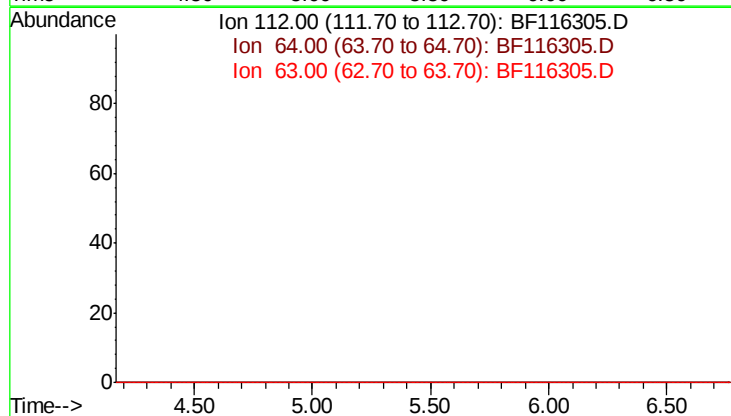


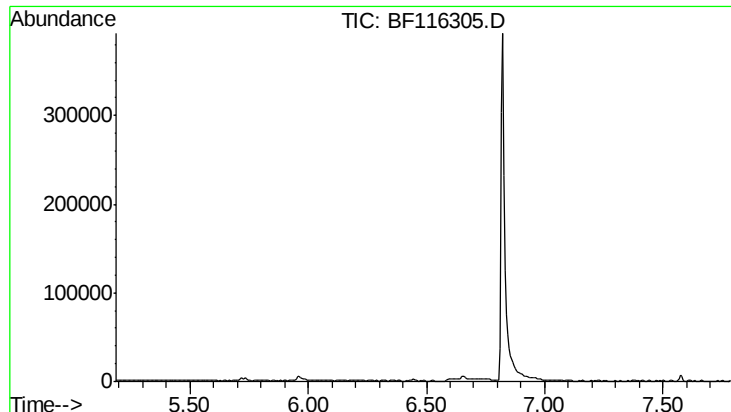
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Tgt Ion	Sig	Exp Ratio
112	100	
64	56.8	
63	29.6	

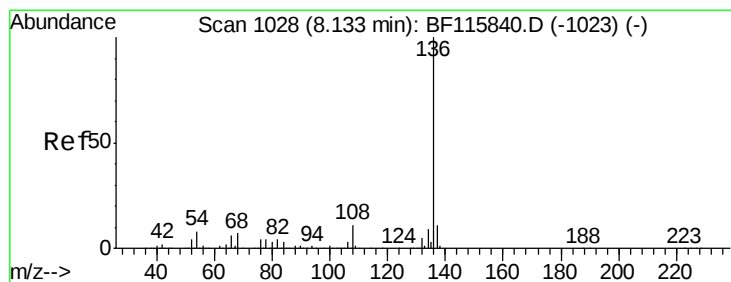
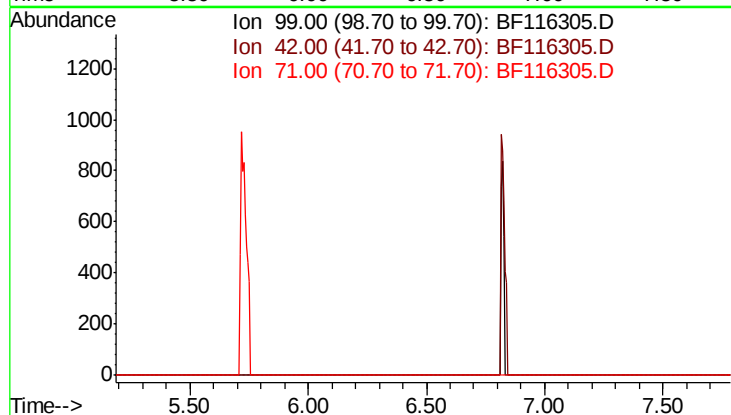




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Instrument :
 BNA_F
 ClientSampleId :

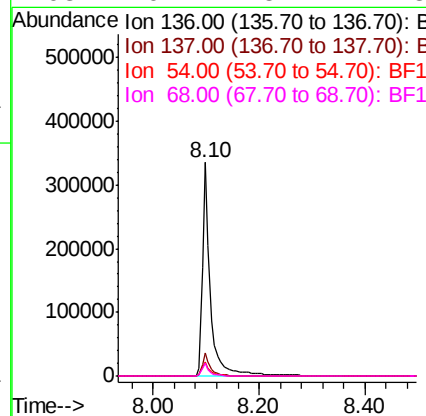
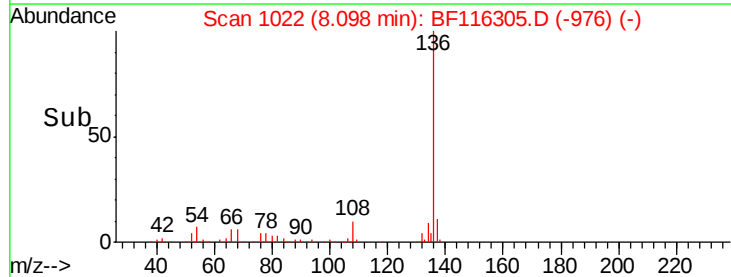
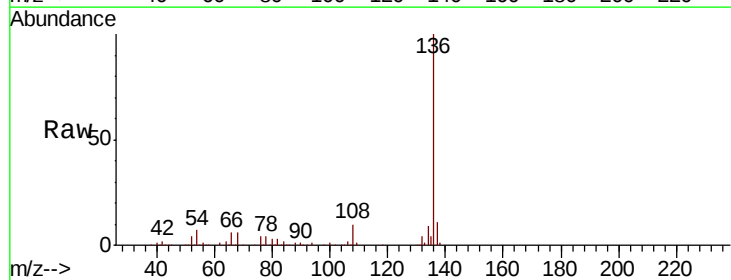
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1

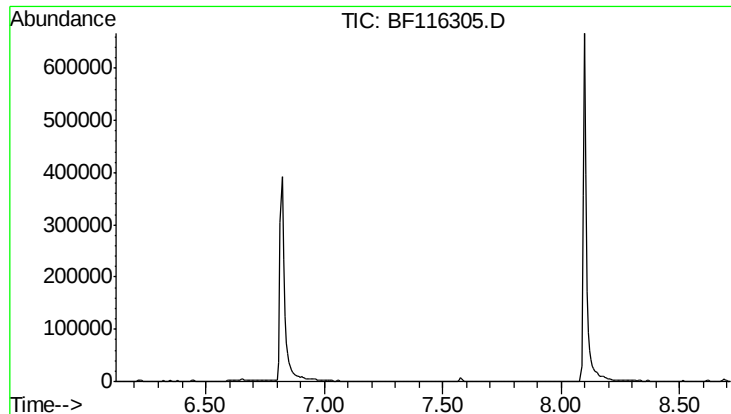


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Tgt Ion: 136 Resp: 365134

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.8	8.6
68	6.2	5.2	7.8

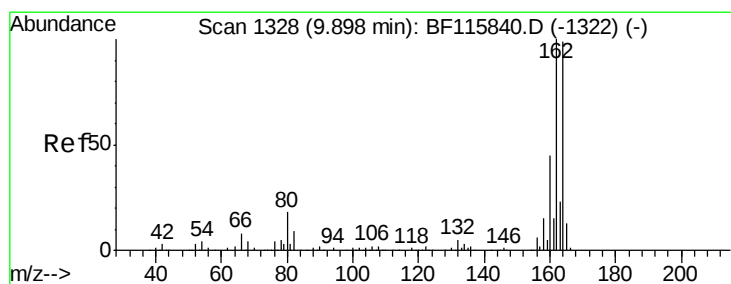
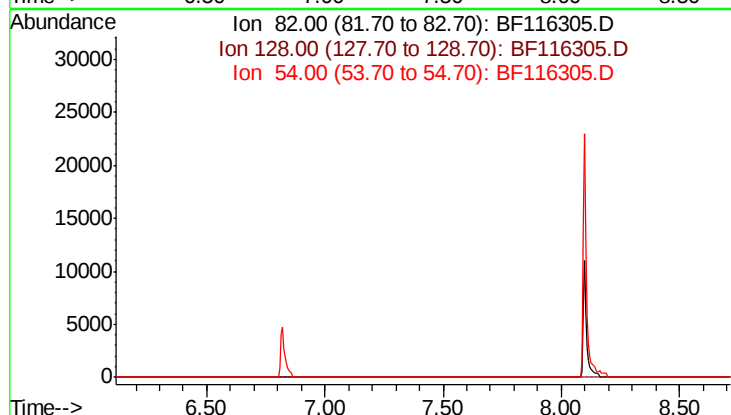




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

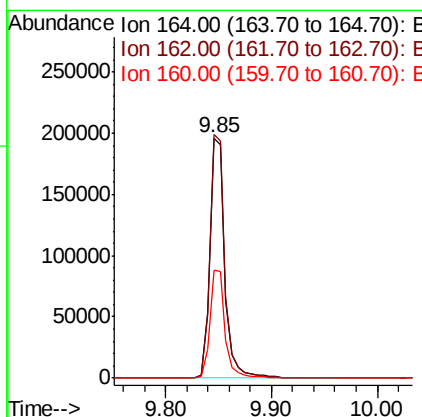
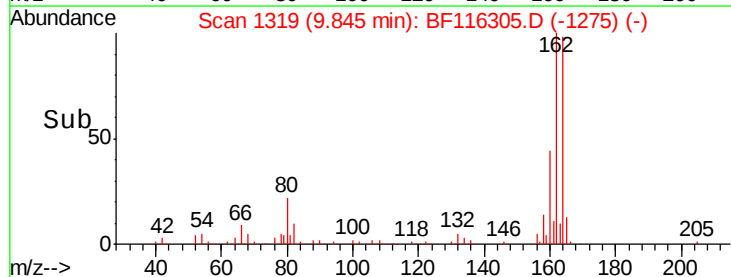
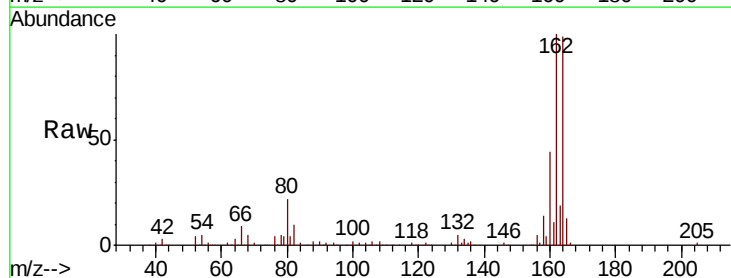
Instrument :
 BNA_F
 ClientSampleId :

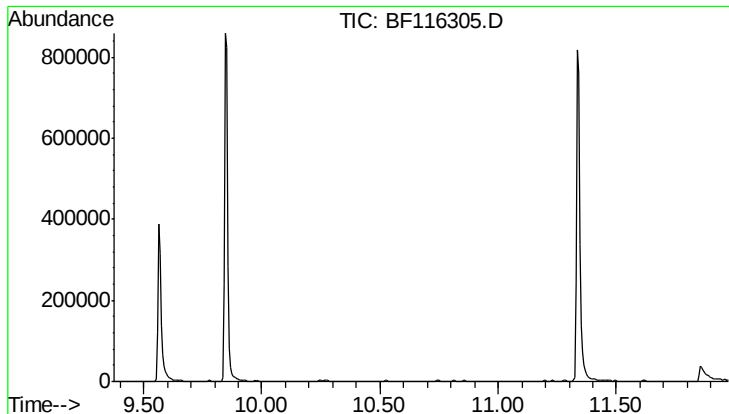
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Tgt Ion:164 Resp: 195004
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 124.0
 160 44.8 37.6 56.4

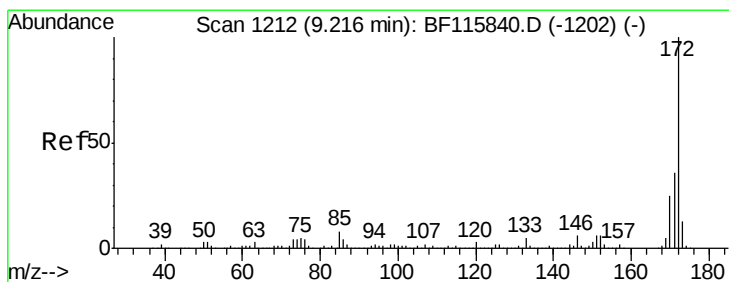
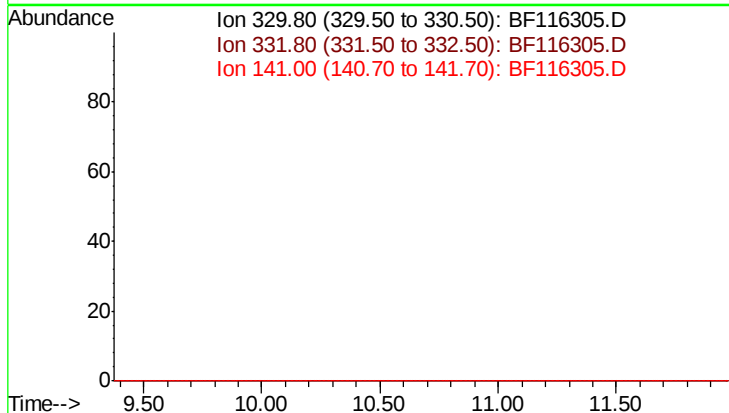




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.67 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

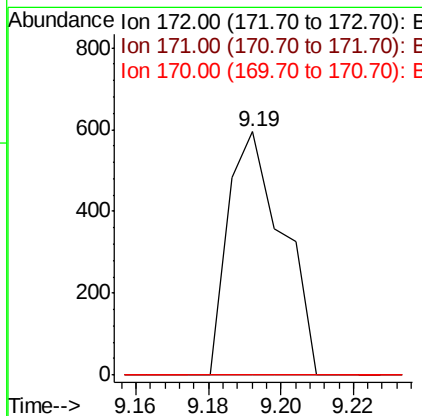
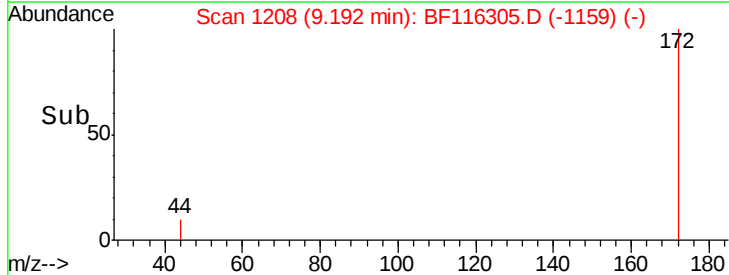
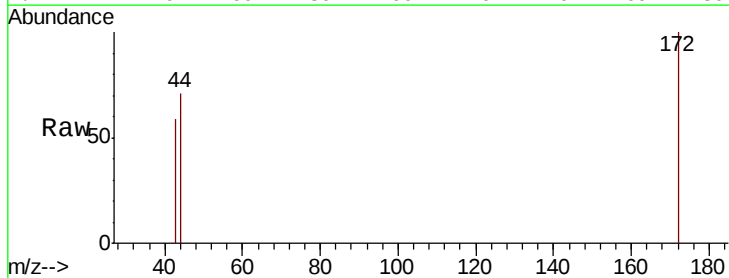
Instrument :
 BNA_F
 ClientSampleId :

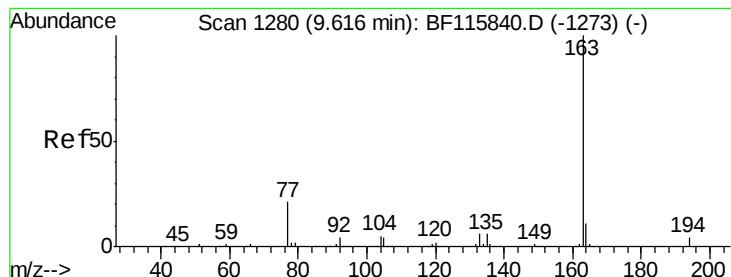
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 32.9



#45
 2-Fluorobiphenyl
 Concen: 0.060 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116305.D
 Acq: 16 Aug 2019 3:27

Tgt Ion: 172 Resp: 622
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.6 44.4#
 170 0.0 20.1 30.1#





#50

Dimethylphthalate

Concen: 14.780 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

Instrument :

BNA_F

ClientSampled :

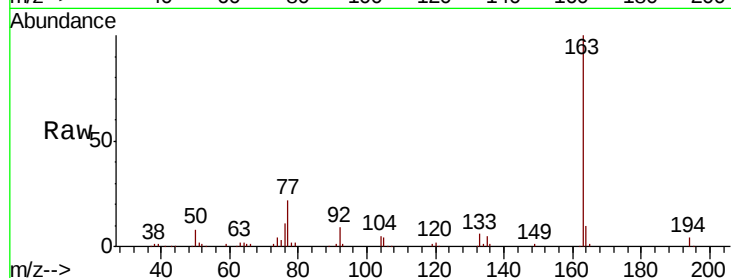
Tot Ion:163 Resp: 196249

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

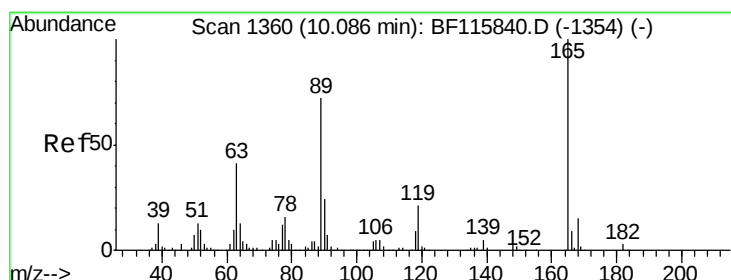
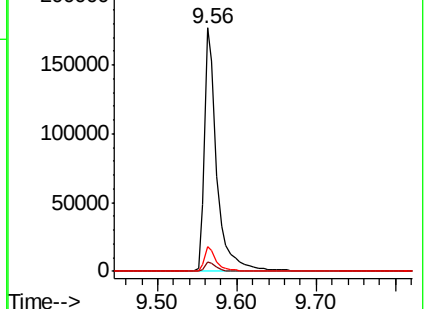
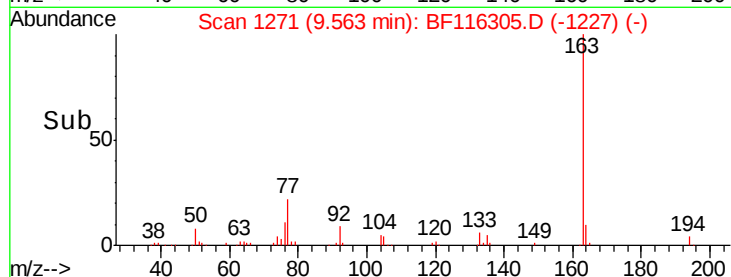
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.543 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

Tgt Ion:165 Resp: 25135

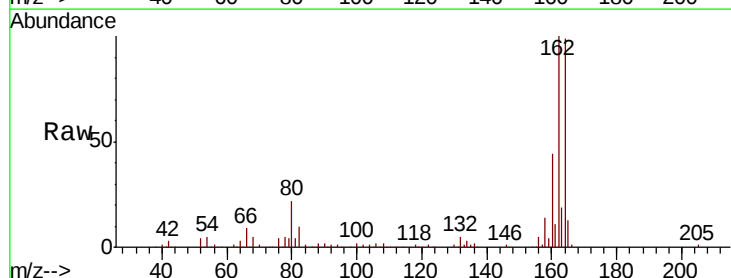
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 0.0 62.2 93.2#

182 0.0 2.1 3.1#

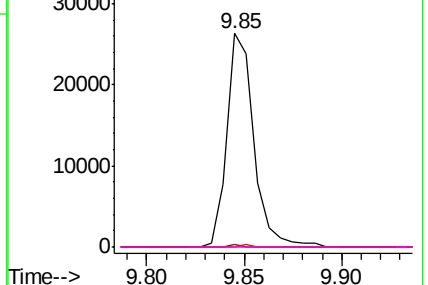
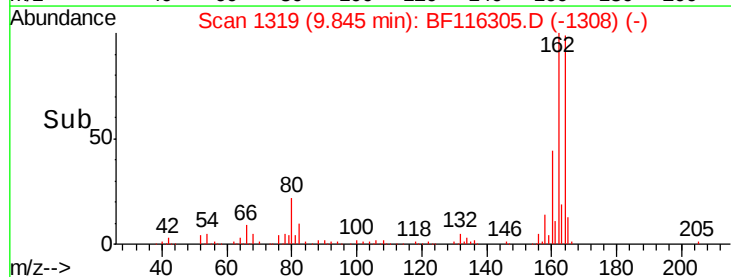


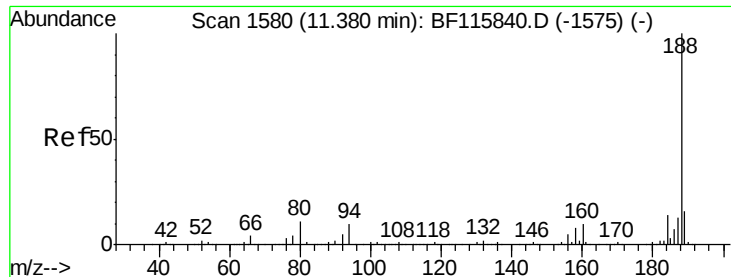
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

Instrument :

BNA_F

ClientSampleId :

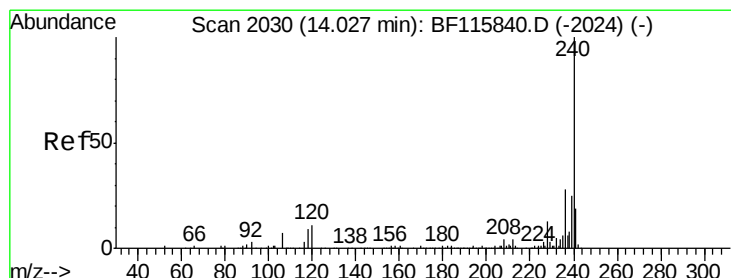
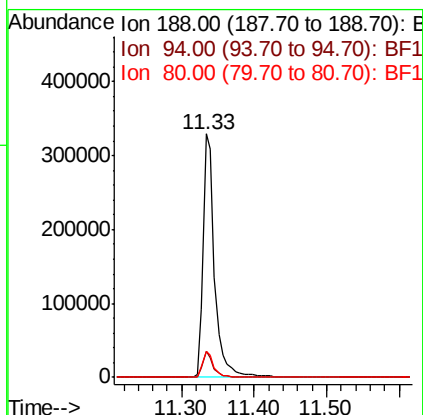
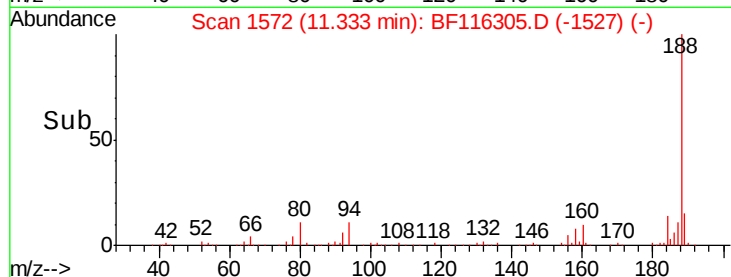
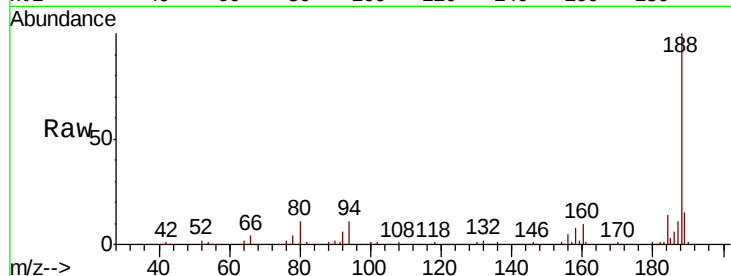
Tot Ion:188 Resp: 365403

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 10.8 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

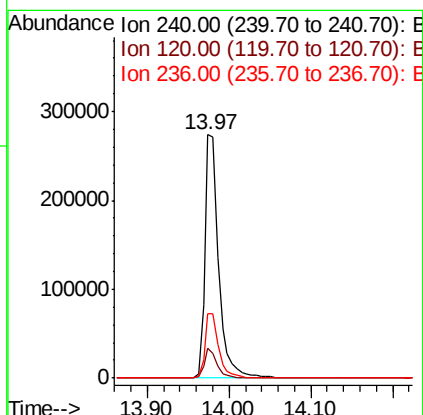
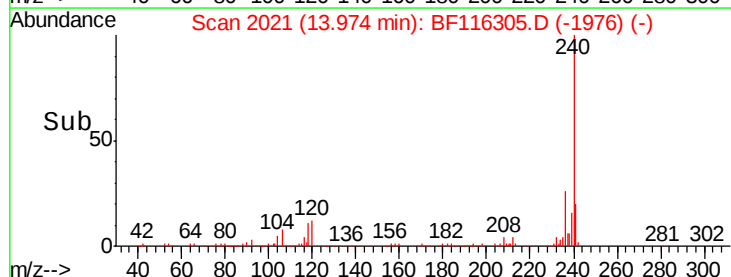
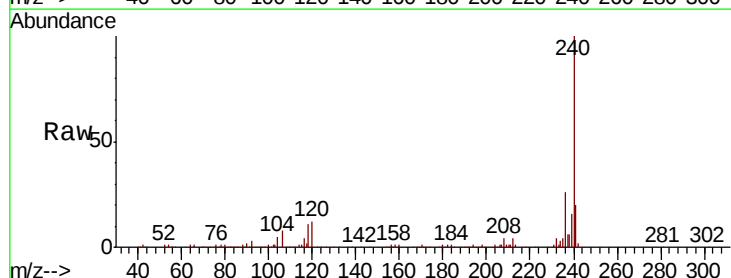
Tgt Ion:240 Resp: 319845

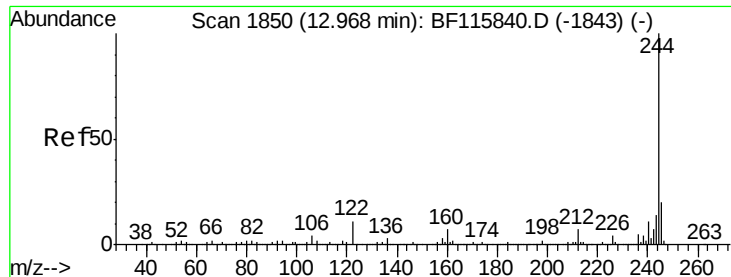
Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

236 26.2 22.2 33.2





#79

Terphenyl-d14

Concen: 0.117 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

Instrument :

BNA_F

ClientSampleId :

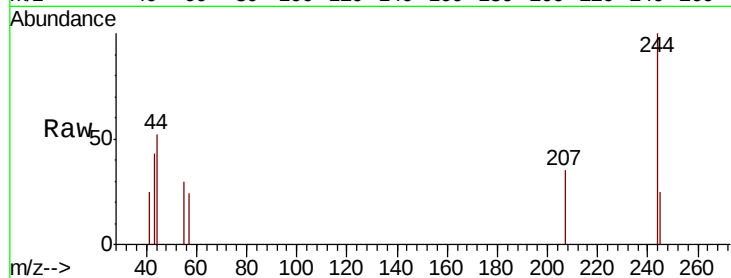
Tot Ion:244 Resp: 1771

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

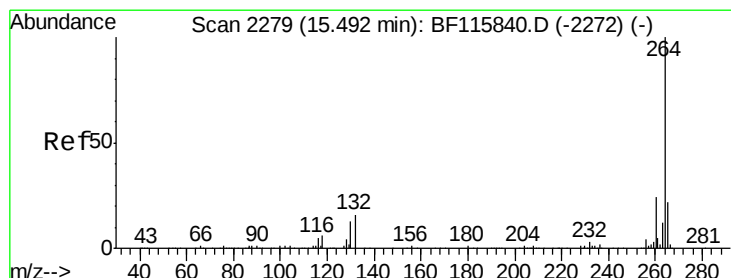
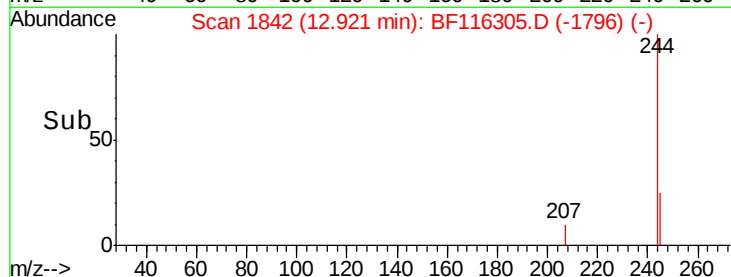
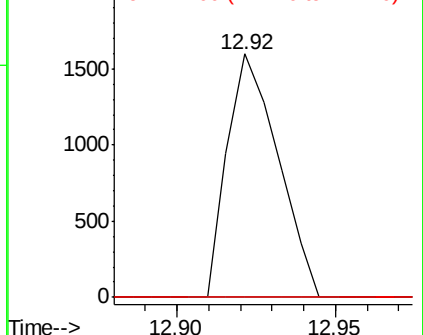
122 0.0 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF116305.D

Acq: 16 Aug 2019 3:27

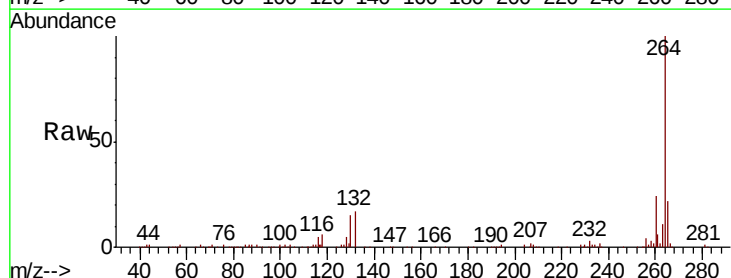
Tgt Ion:264 Resp: 296818

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

