

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116288.D
 Acq On : 15 Aug 2019 19:49
 Operator : HP/JU
 Sample : K4356-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:10:42 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

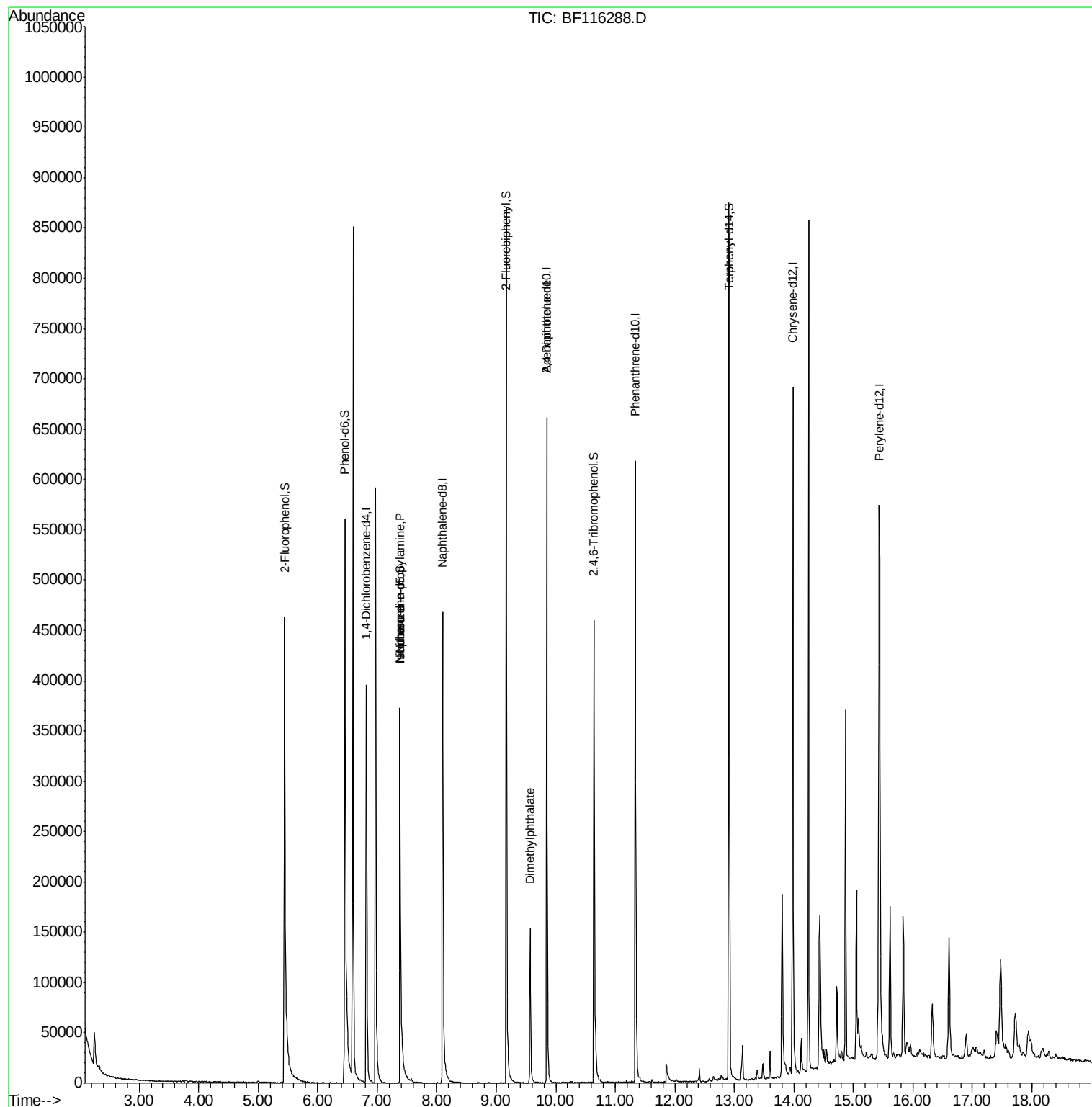
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69630	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	281273	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	146833	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	279031	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	269847	20.00	ng	-0.03
87) Perylene-d12	15.43	264	298419	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	238981	57.46	ng	-0.03
7) Phenol-d6	6.46	99	327454	62.40	ng	-0.03
23) Nitrobenzene-d5	7.38	82	195496	40.12	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	72549	50.96	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	293055	37.38	ng	-0.04
79) Terphenyl-d14	12.91	244	317999	24.83	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	24400	7.503	ng	# 83
25) Isophorone	7.38	82	195495	20.981	ng	# 65
50) Dimethylphthalate	9.57	163	75675	7.569	ng	100
57) 2,4-Dinitrotoluene	9.85	165	18132	6.268	ng	# 19

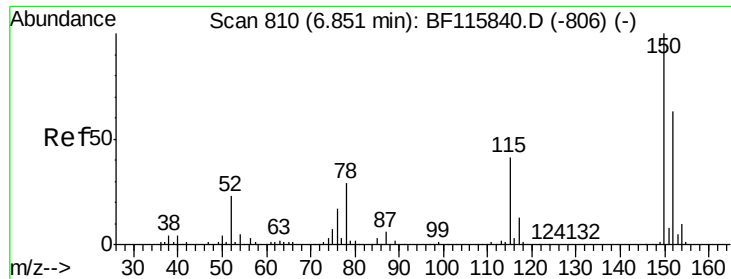
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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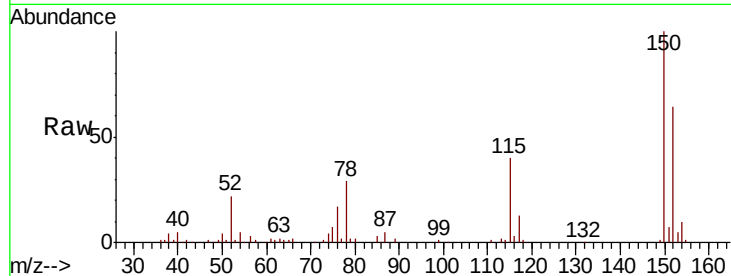




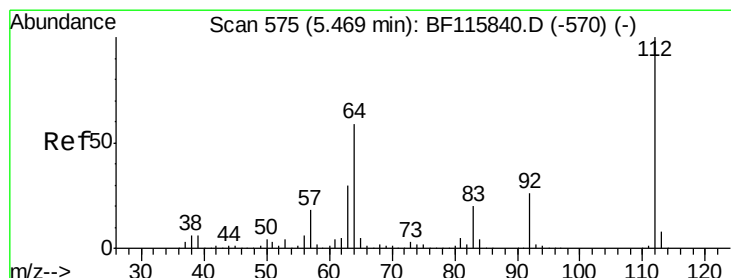
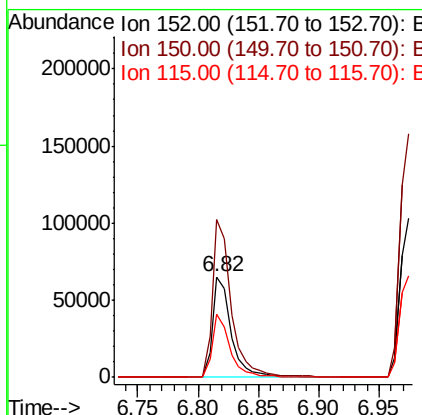
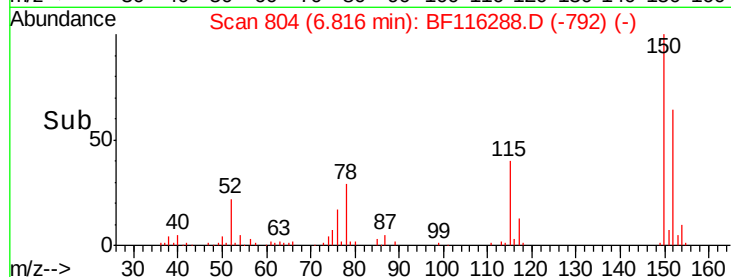
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 69630
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 62.3 49.9 74.9

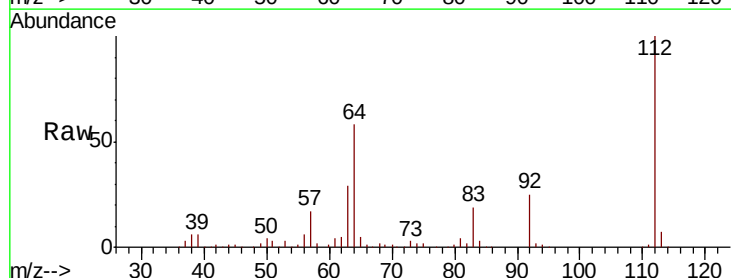


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

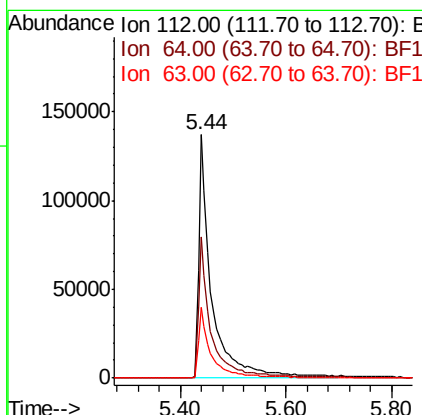
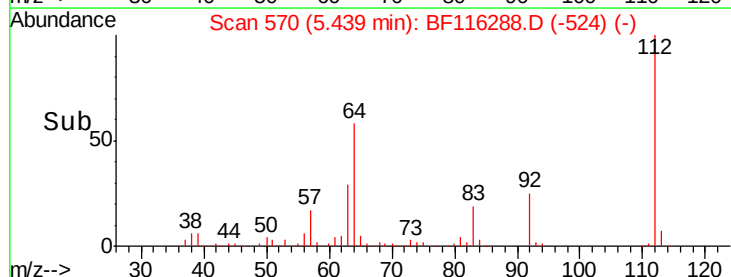


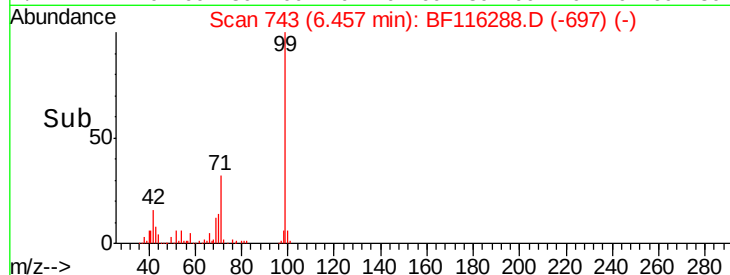
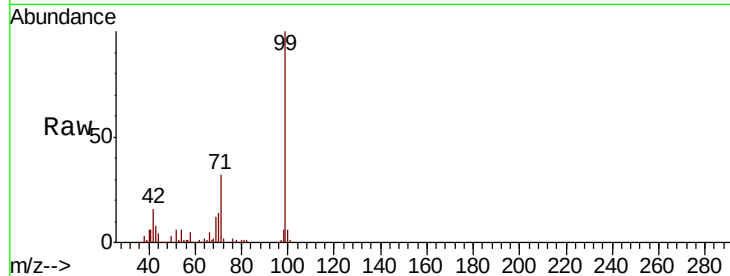
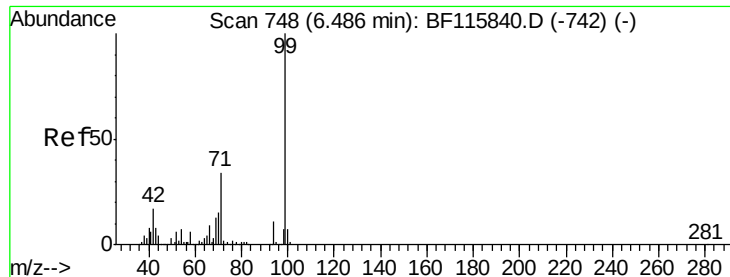
#5
 2-Fluorophenol
 Concen: 57.456 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Tgt Ion:112 Resp: 238981
 Ion Ratio Lower Upper
 112 100
 64 58.0 45.4 68.2
 63 29.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 62.399 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampled :

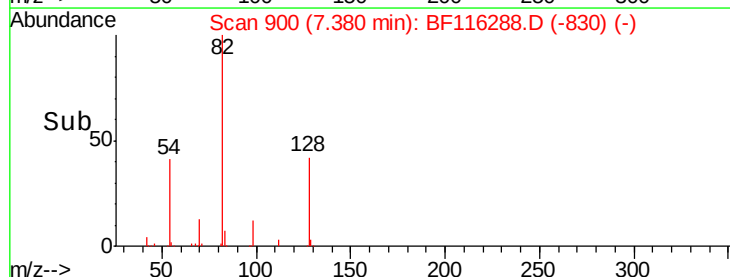
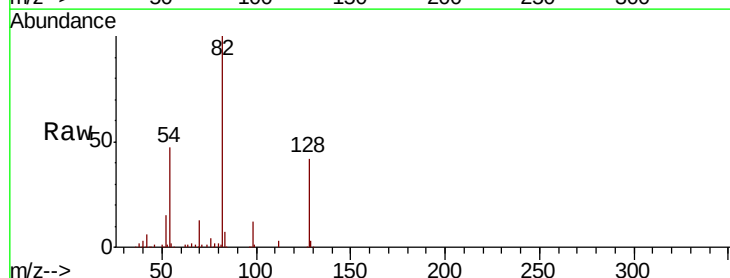
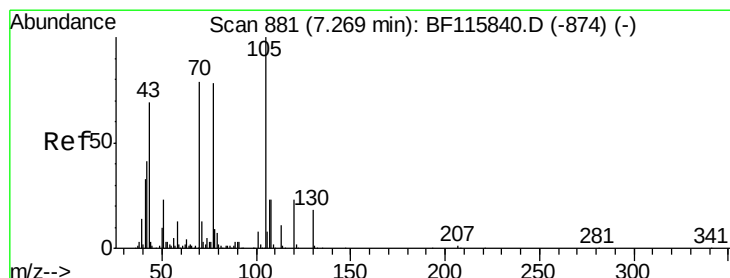
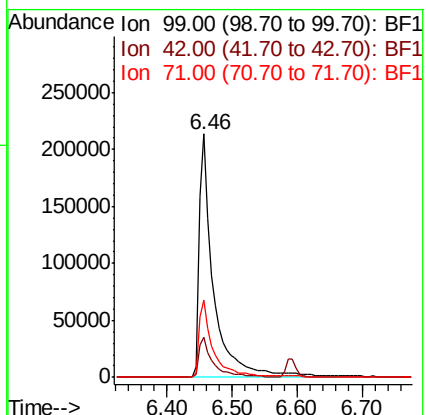
Tot Ion: 99 Resp: 327454

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

71 31.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 7.503 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Tgt Ion: 70 Resp: 24400

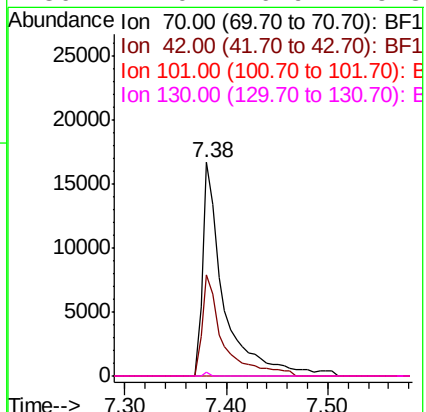
Ion Ratio Lower Upper

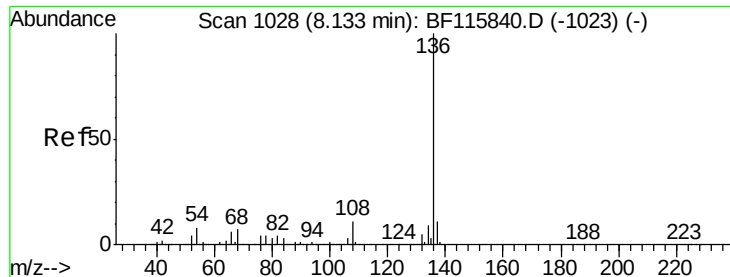
70 100

42 47.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.0 16.9 25.3#

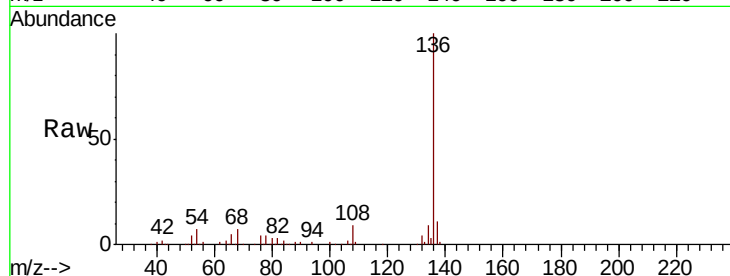




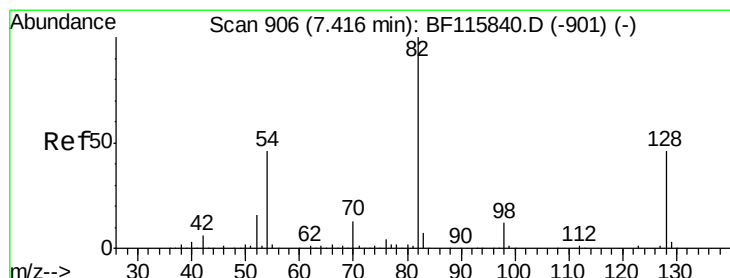
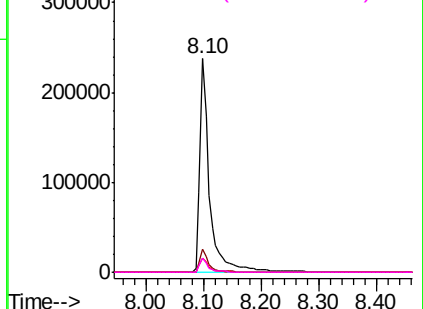
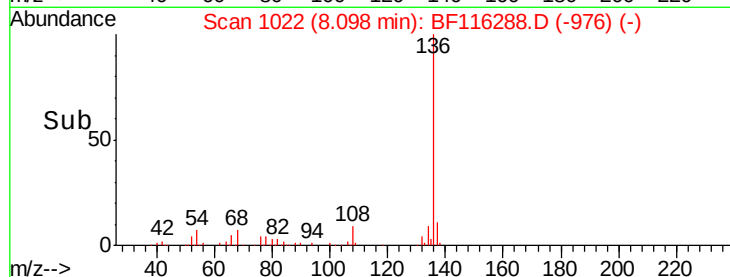
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	281273
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.4
54	6.8	5.8 8.6
68	6.5	5.2 7.8

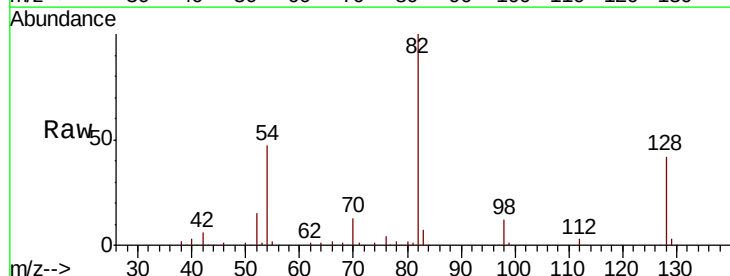


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

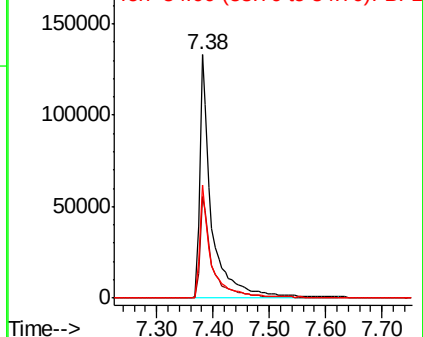
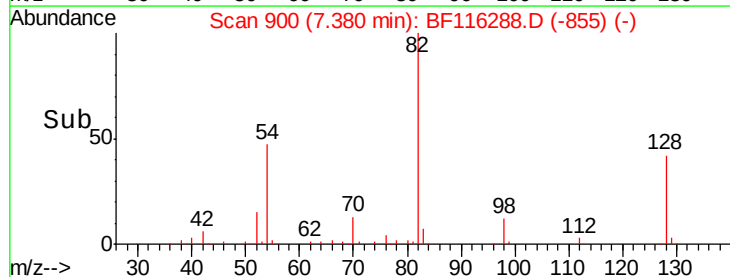


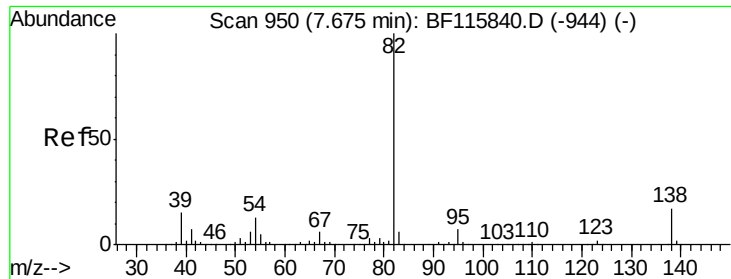
#23
Nitrobenzene-d5
Concen: 40.120 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Tgt Ion: 82	Resp:	195496
Ion Ratio	Lower	Upper
82	100	
128	41.7	36.5 54.7
54	46.7	36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 20.981 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampleId :

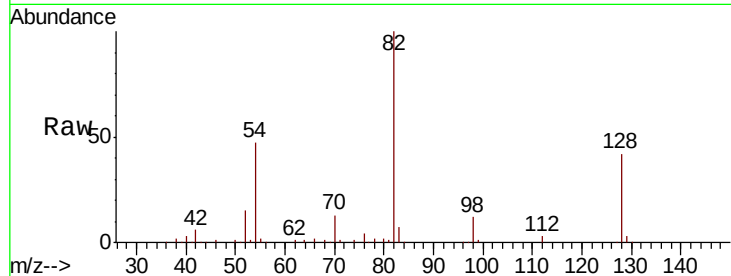
Tot Ion: 82 Resp: 195495

Ion Ratio Lower Upper

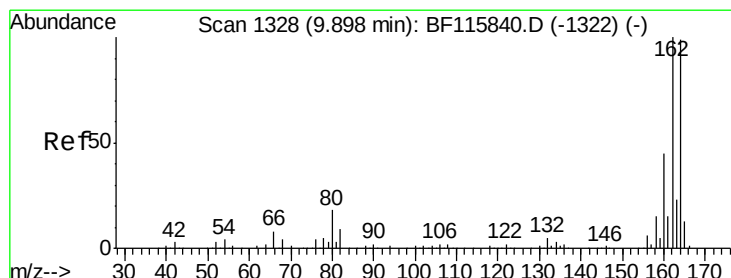
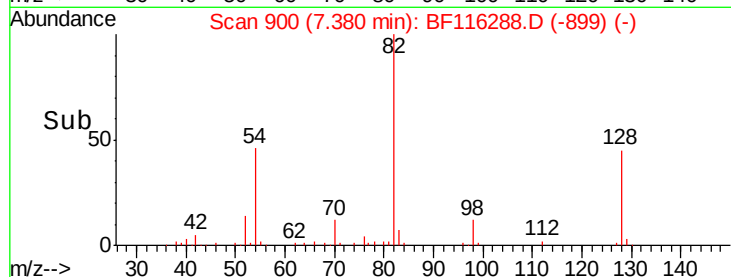
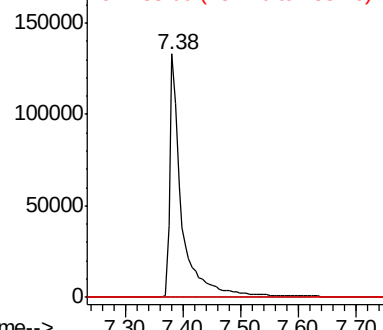
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

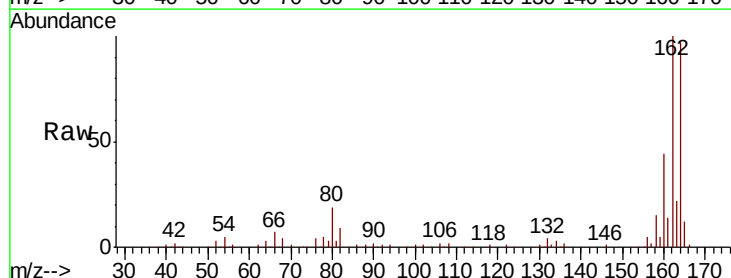
Tgt Ion: 164 Resp: 146833

Ion Ratio Lower Upper

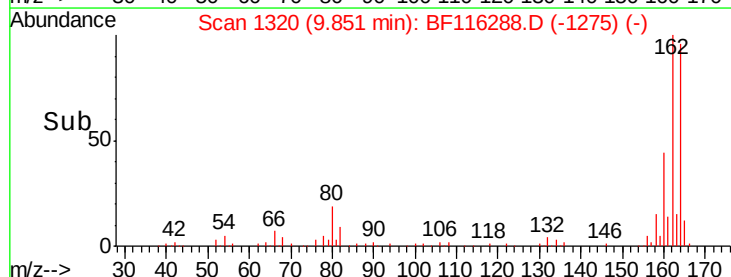
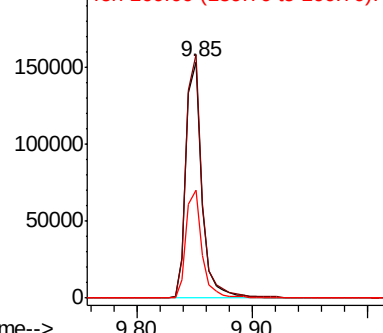
164 100

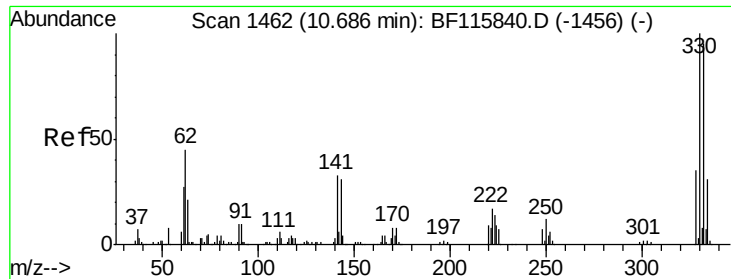
162 103.0 82.6 124.0

160 45.7 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

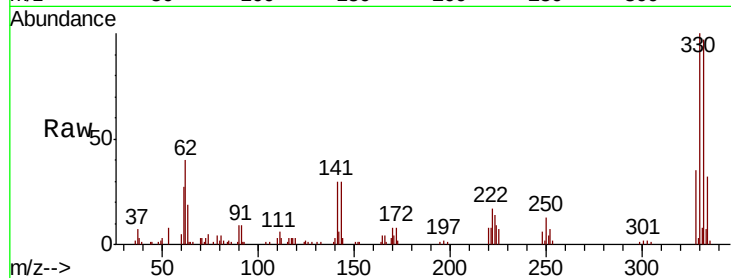




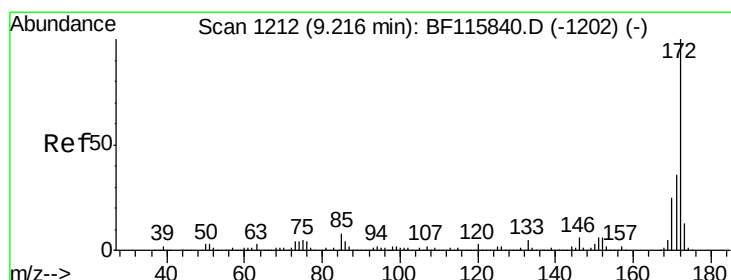
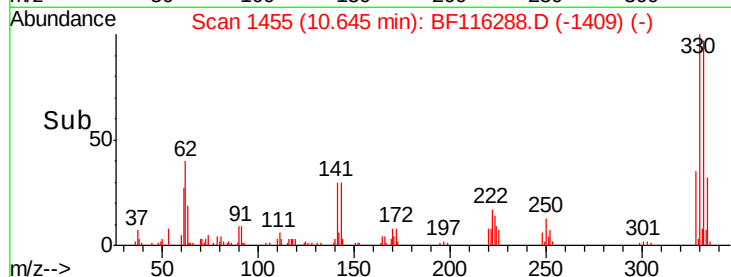
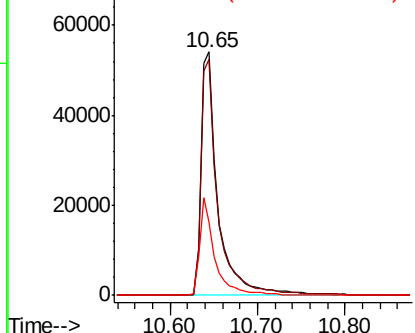
#42
 2,4,6-Tribromophenol
 Concen: 50.962 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	35.5	26.3	39.5

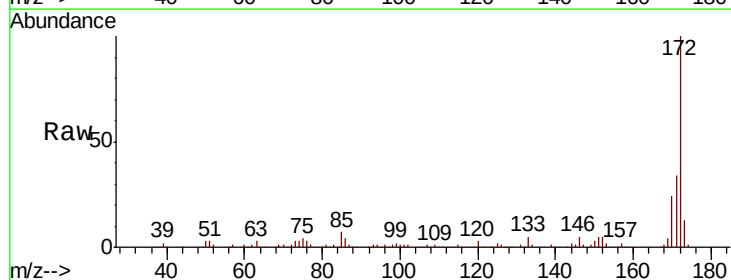


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

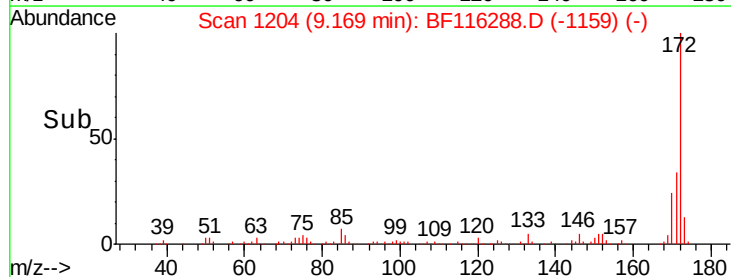
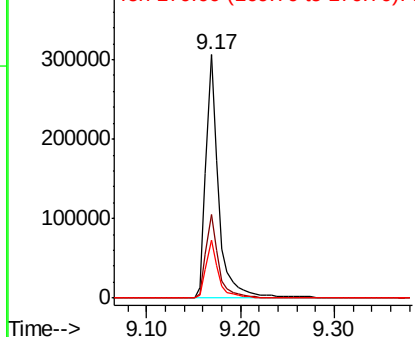


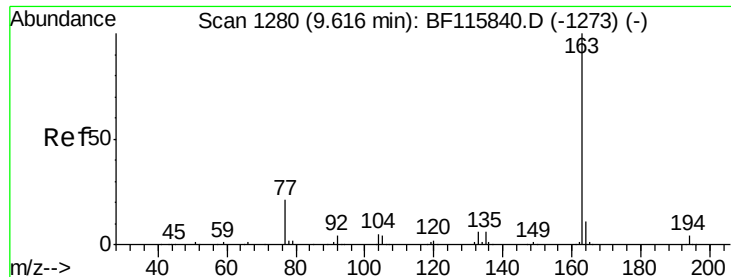
#45
 2-Fluorobiphenyl
 Concen: 37.384 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.9	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.569 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampleId :

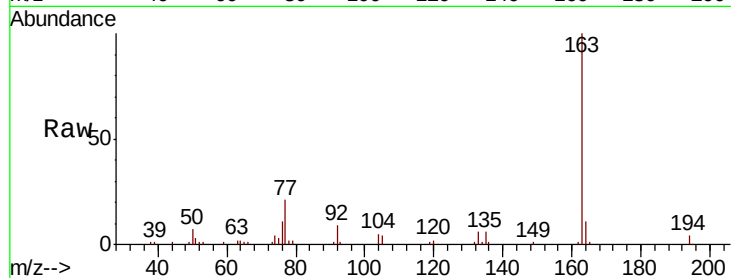
Tot Ion:163 Resp: 75675

Ion Ratio Lower Upper

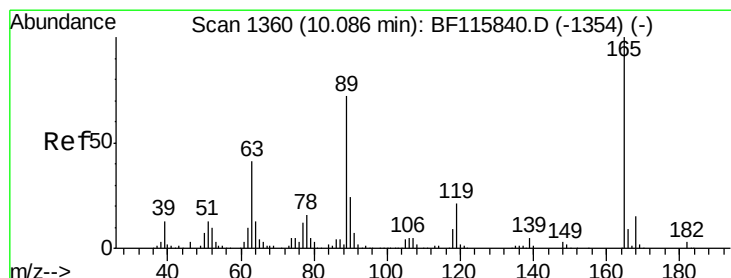
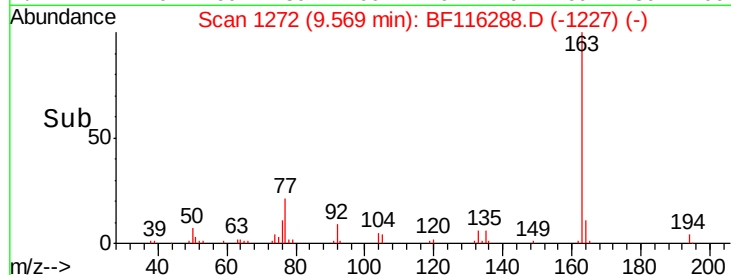
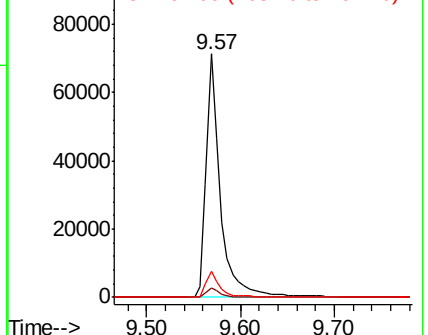
163 100

194 3.8 3.0 4.6

164 10.5 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: 6.268 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Tgt Ion:165 Resp: 18132

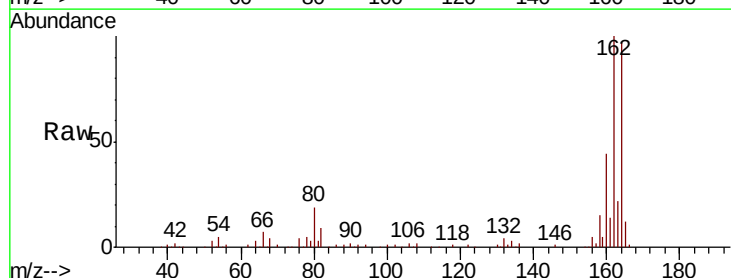
Ion Ratio Lower Upper

165 100

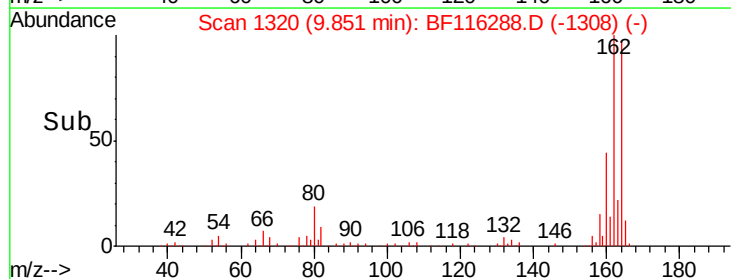
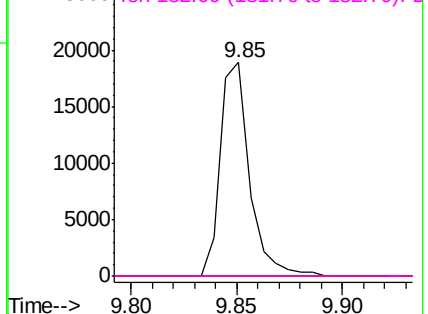
63 0.0 39.6 59.4#

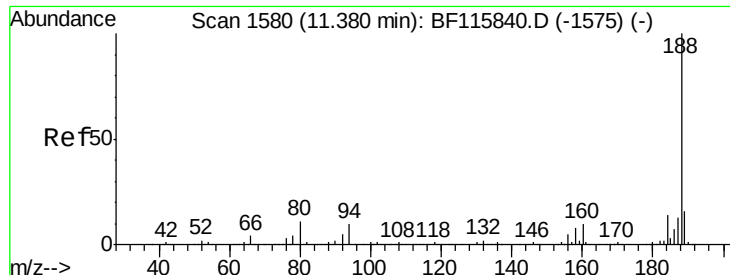
89 0.0 62.2 93.2#

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

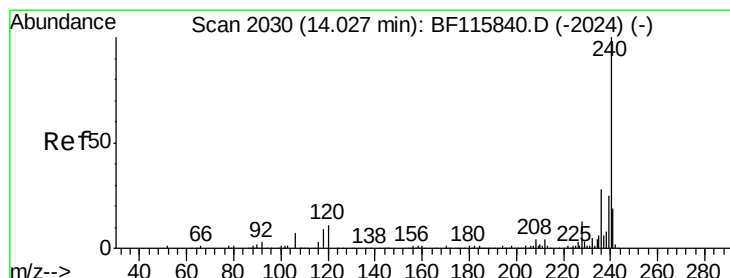
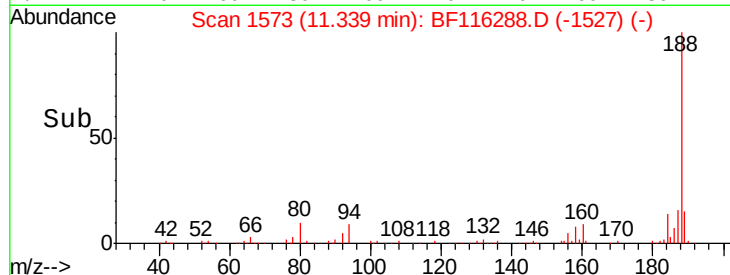
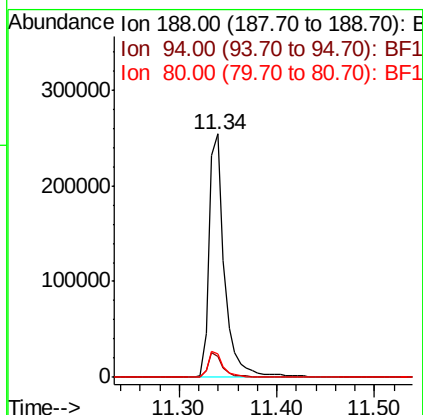
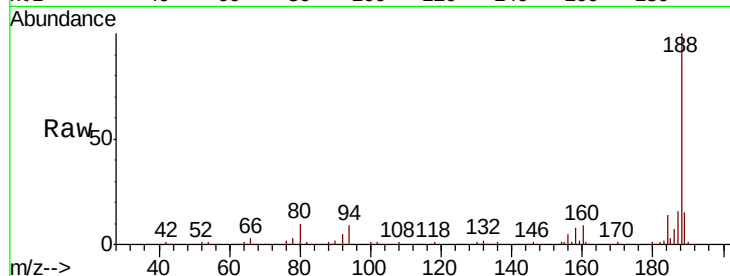




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

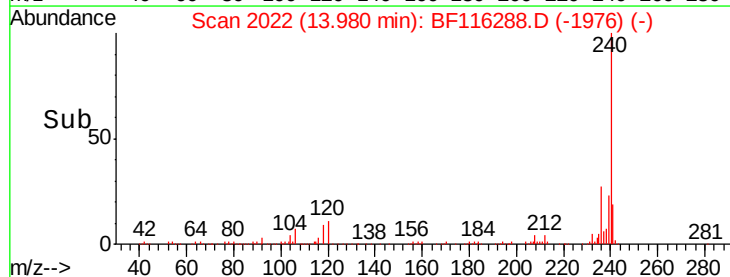
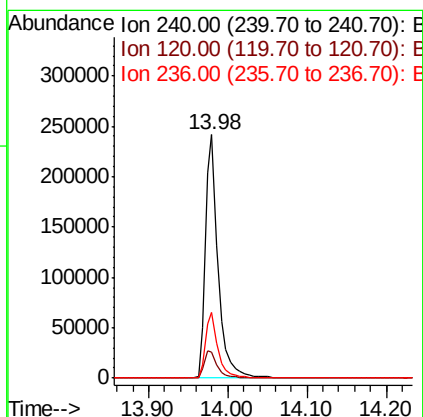
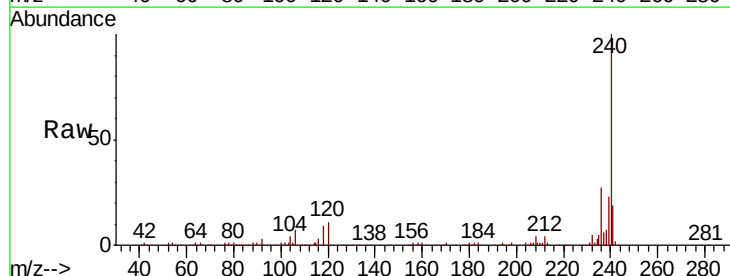
Instrument :
 BNA_F
 ClientSampleId :

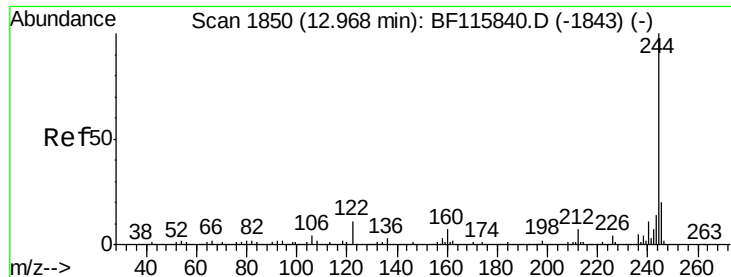
Tot Ion:	188	Resp:	279031
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.1	12.1
80	9.5	8.7	13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Tgt Ion:	240	Resp:	269847
Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.7	16.1#
236	27.2	22.2	33.2





#79

Terphenyl-d14

Concen: 24.832 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampleId :

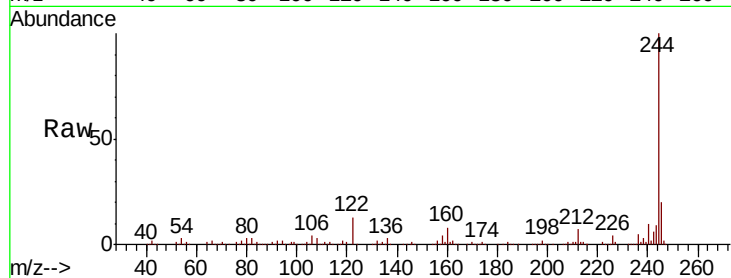
Tot Ion:244 Resp: 317999

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

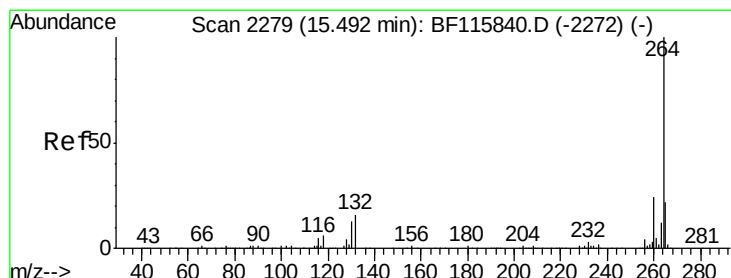
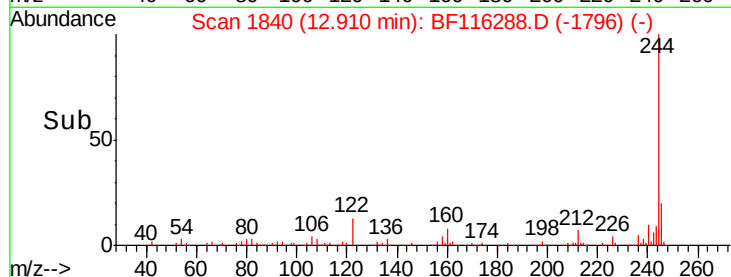
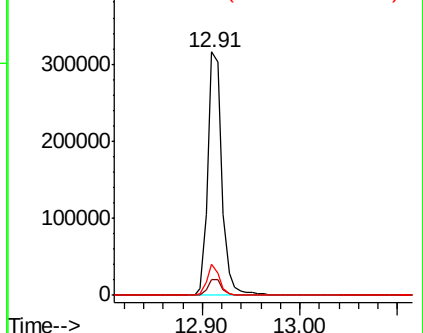
122 12.6 9.0 13.4



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: BF116288.D

Acq: 15 Aug 2019 19:49

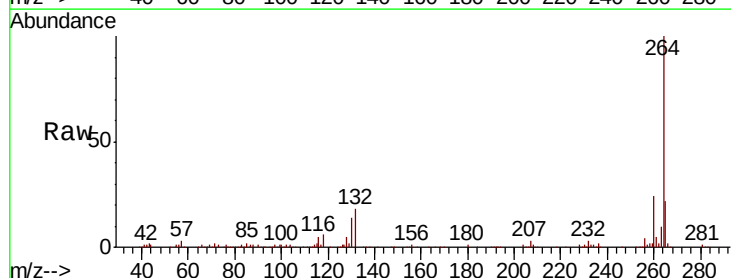
Tgt Ion:264 Resp: 298419

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 22.0 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

