

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114917.D
 Acq On : 8 Jun 2019 3:38
 Operator : HP/JU
 Sample : K3250-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

Quant Time: Jun 08 06:59:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

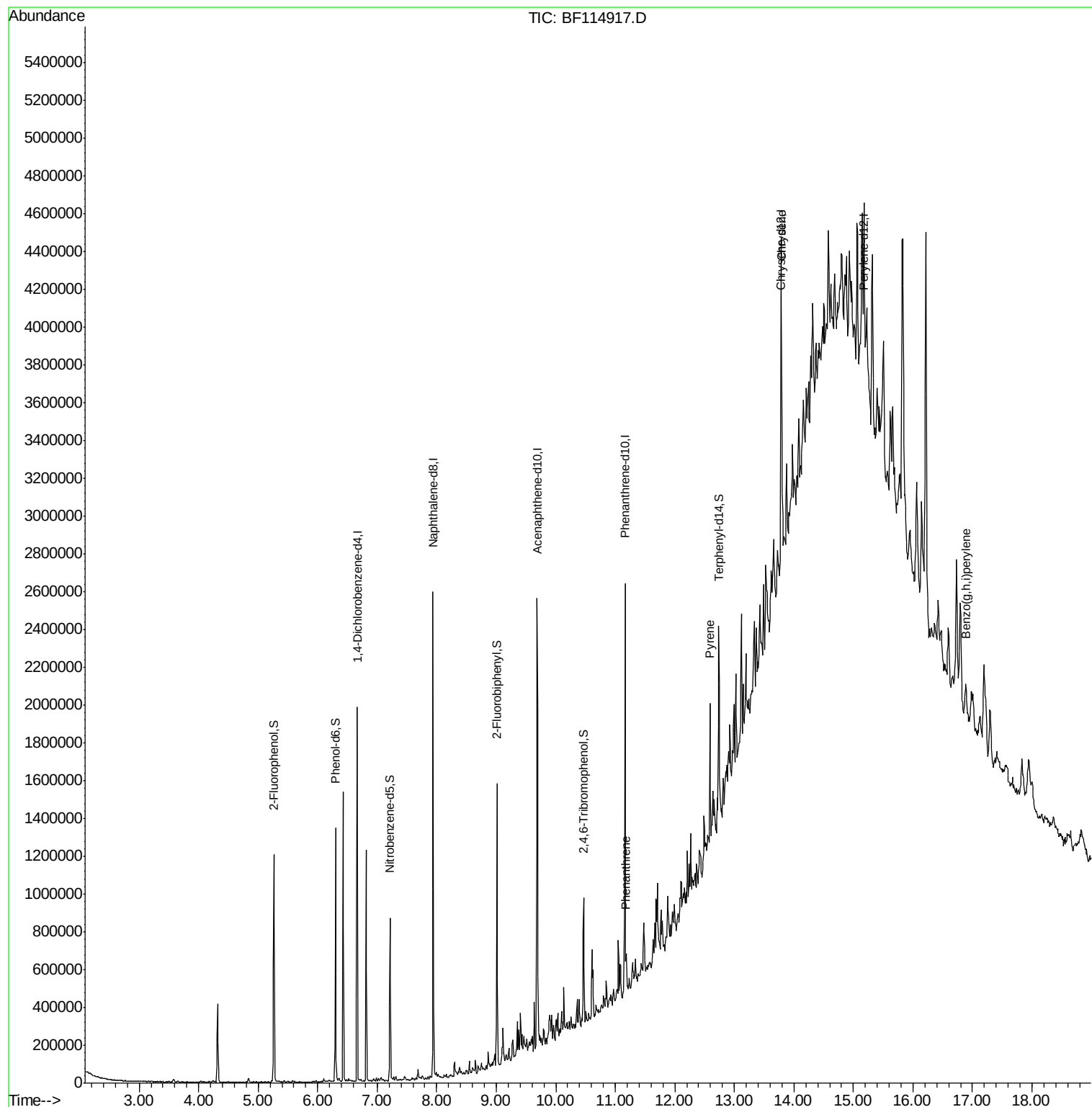
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	303056	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1109854	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	453600	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	755599	20.00	ng	0.00
76) Chrysene-d12	13.79	240	536112	20.00	ng	0.00
87) Perylene-d12	15.18	264	403450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	347571	20.04	ng	0.00
7) Phenol-d6	6.30	99	429618	20.36	ng	0.00
23) Nitrobenzene-d5	7.22	82	244900	13.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.47	330	75101	15.36	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	425383	17.57	ng	-0.01
79) Terphenyl-d14	12.74	244	343037	12.44	ng	-0.01
Target Compounds						
71) Phenanthrene	11.19	178	74847	2.075	ng	97
78) Pyrene	12.59	202	290102	6.238	ng	95
83) Chrysene	13.80	228	218156m	5.428	ng	
92) Benzo(g,h,i)perylene	16.89	276	102714	4.852	ng	# 88

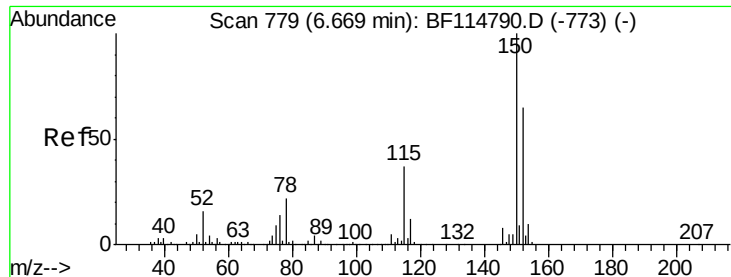
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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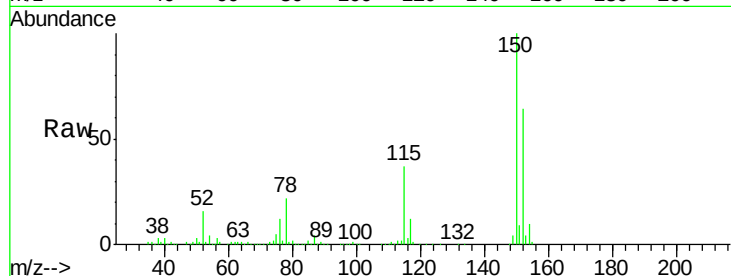


#1

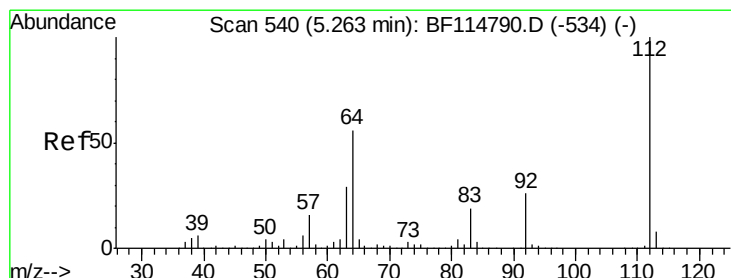
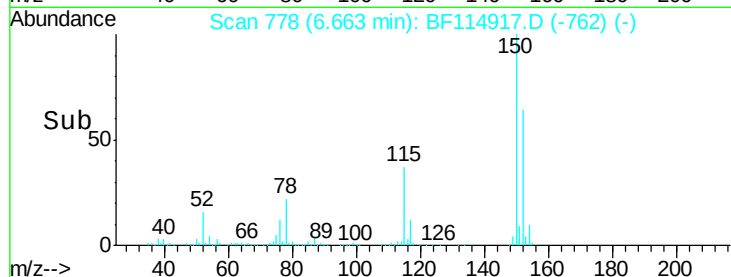
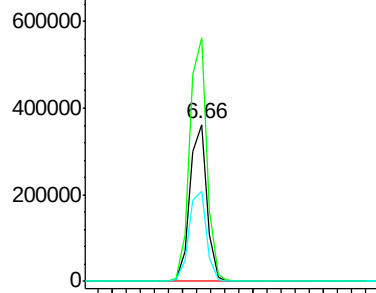
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

Tot Ion:152 Resp: 303056
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 57.2 46.3 69.5



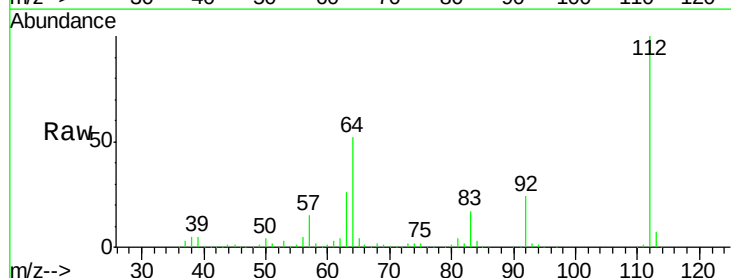
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



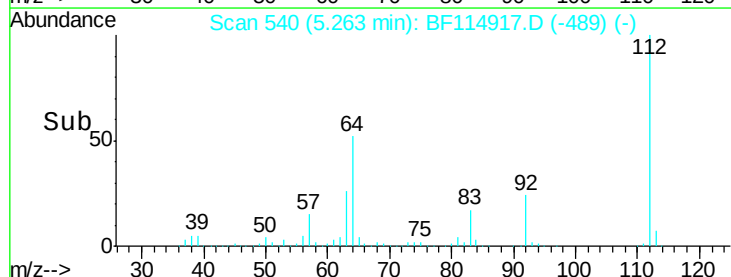
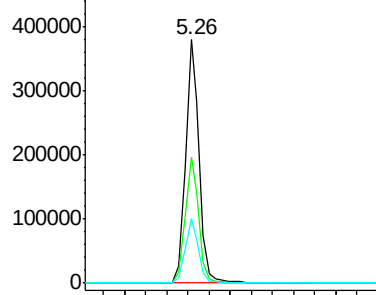
#5

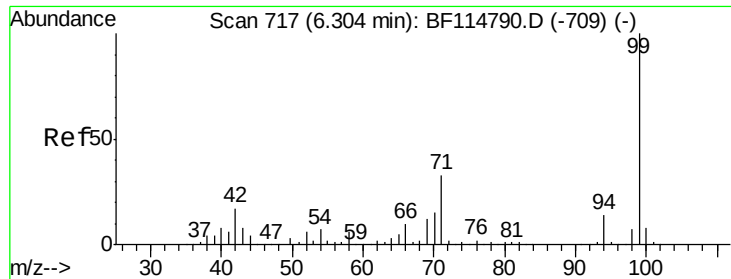
2-Fluorophenol
Concen: 20.040 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion:112 Resp: 347571
Ion Ratio Lower Upper
112 100
64 51.9 44.6 66.8
63 26.4 23.0 34.4



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: 20.357 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

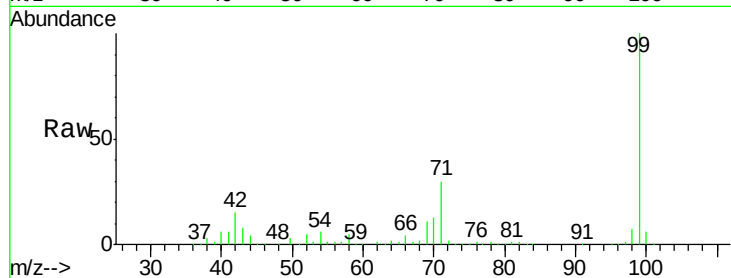
Tot Ion: 99 Resp: 429618

Ion Ratio Lower Upper

99 100

42 15.2 13.3 19.9

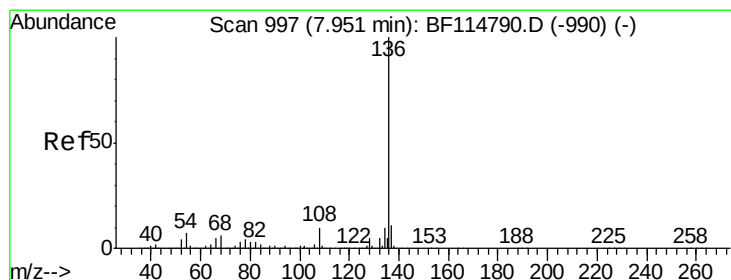
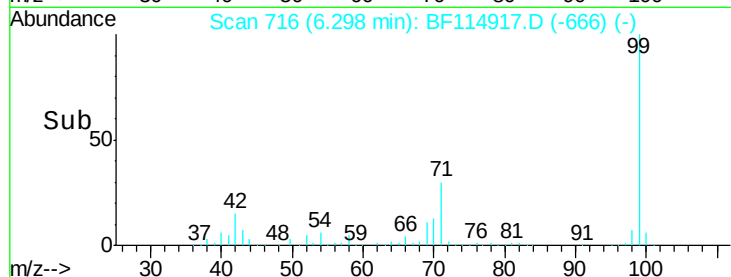
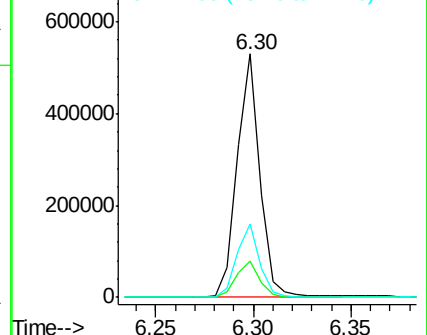
71 30.3 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Tgt Ion: 136 Resp: 1109854

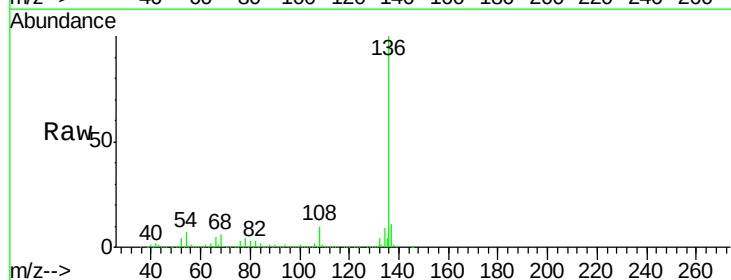
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.0 5.4 8.0

68 6.1 4.6 6.8

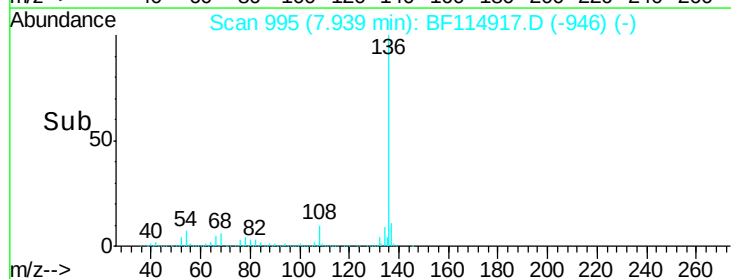
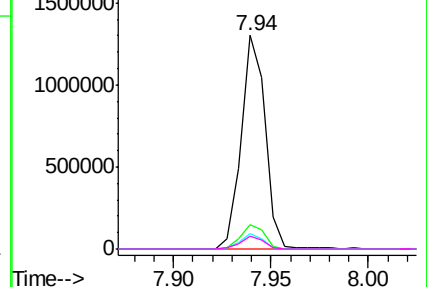


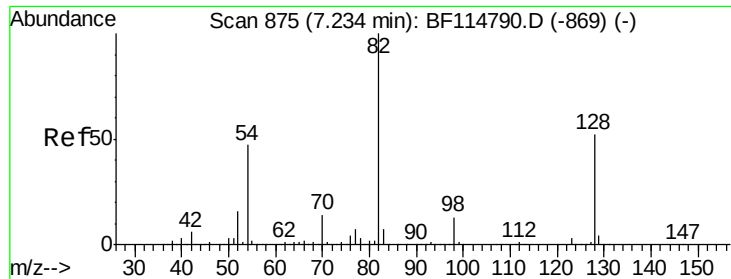
Abundance Ion 136.00 (135.70 to 136.70): E

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

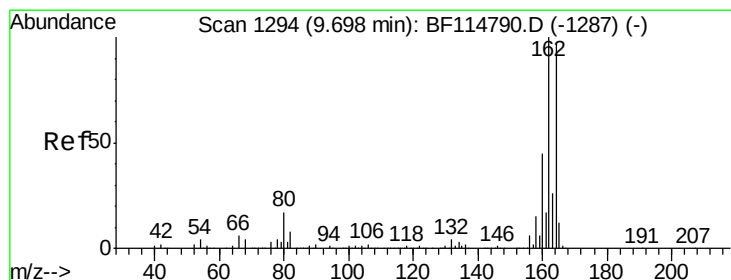
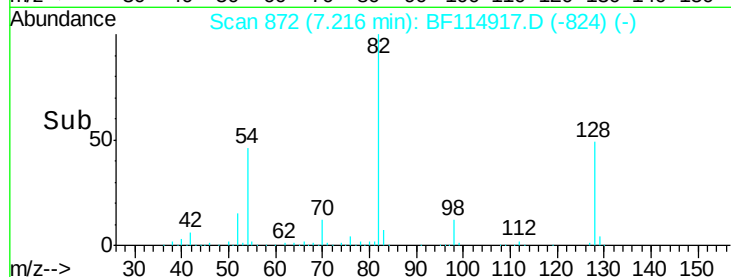
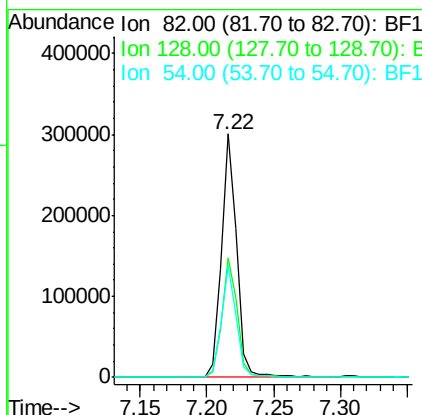
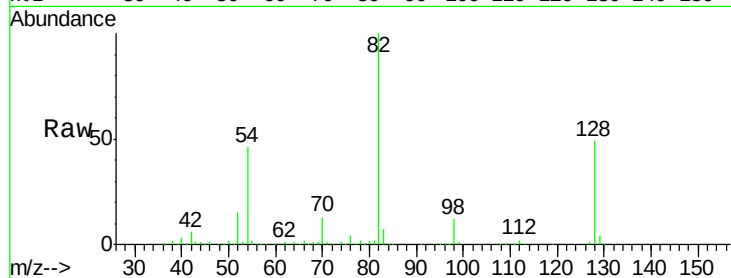




#23
 Nitrobenzene-d5
 Concen: 13.583 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

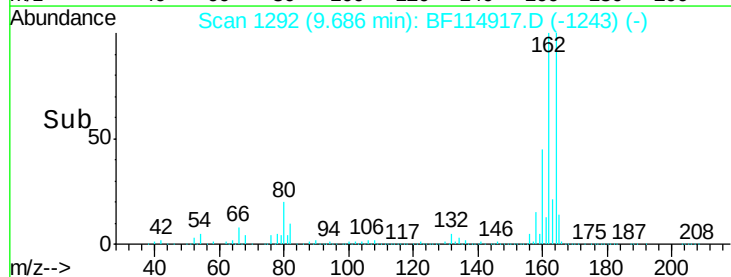
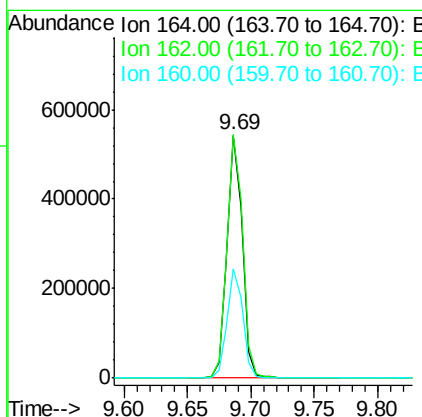
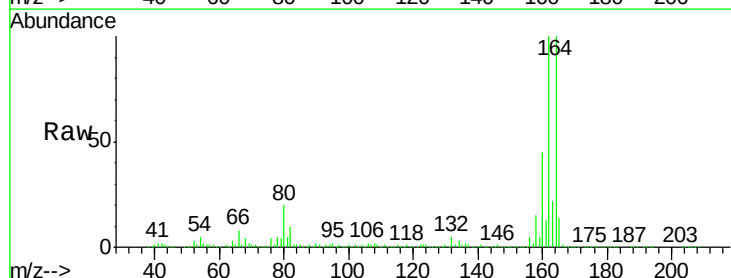
Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

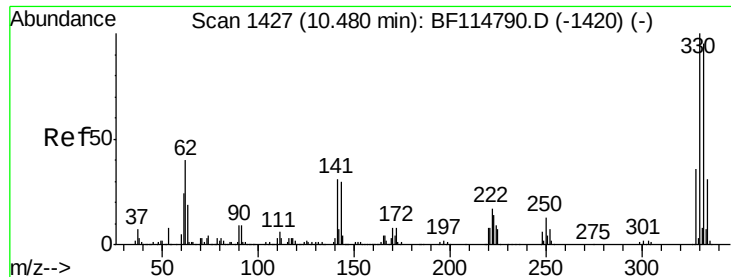
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.1	41.8	62.6
54	46.1	37.9	56.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.3	123.5
160	45.0	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 15.364 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

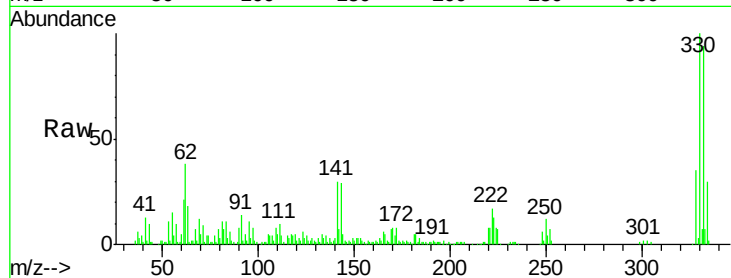
Tot Ion:330 Resp: 75101

Ion Ratio Lower Upper

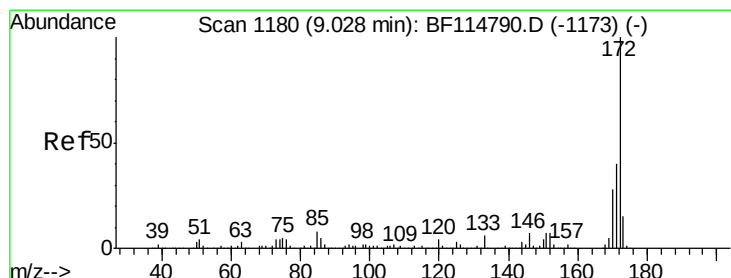
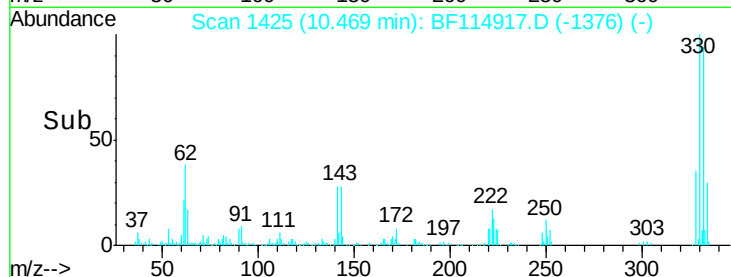
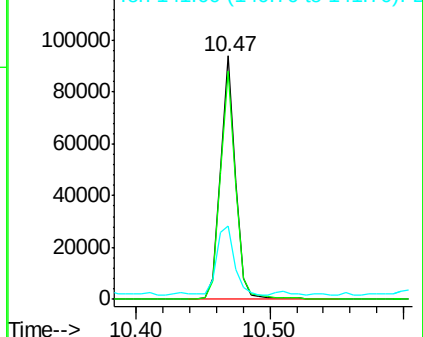
330 100

332 95.5 77.3 115.9

141 33.0 26.2 39.4



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: 17.567 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

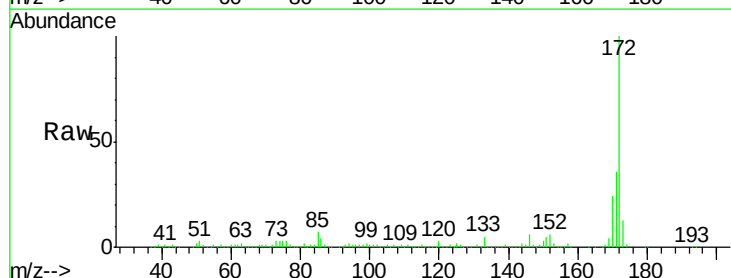
Tgt Ion:172 Resp: 425383

Ion Ratio Lower Upper

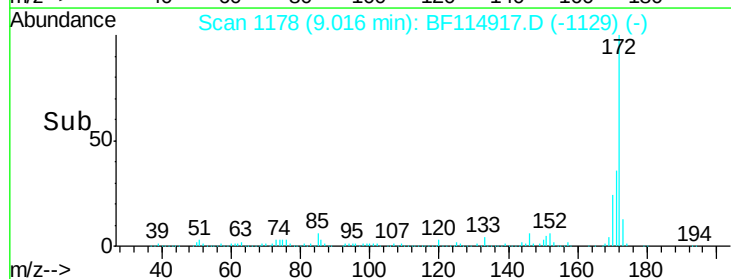
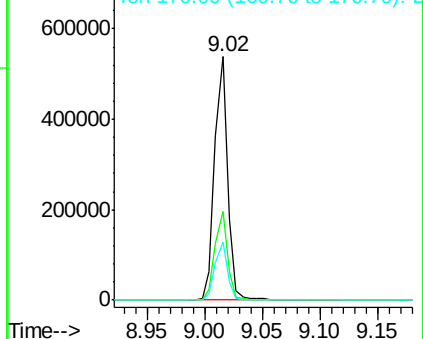
172 100

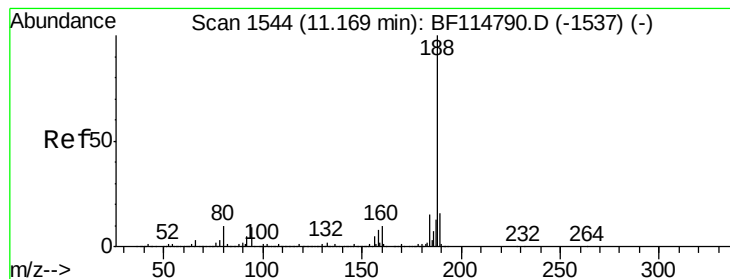
171 36.3 32.3 48.5

170 23.7 22.4 33.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

Instrument :

BNA_F

ClientSampleId :

SCARSDALE-COMPOSITE-1

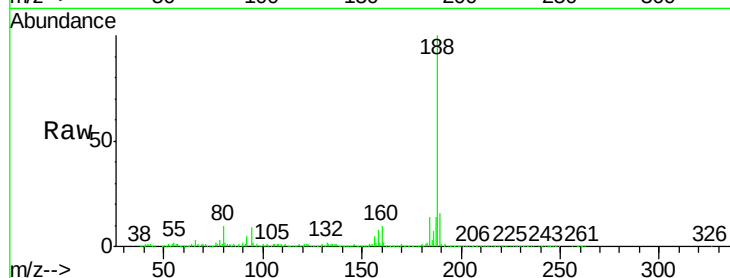
Tot Ion:188 Resp: 755599

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.8 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1200000

1000000

800000

600000

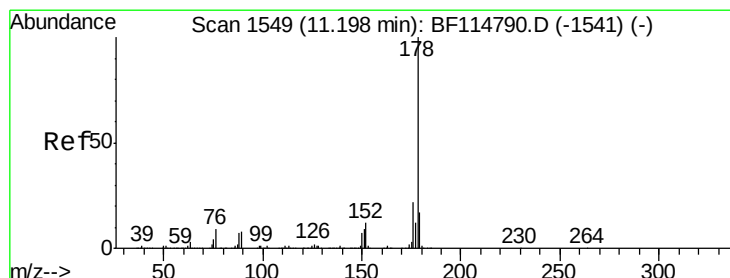
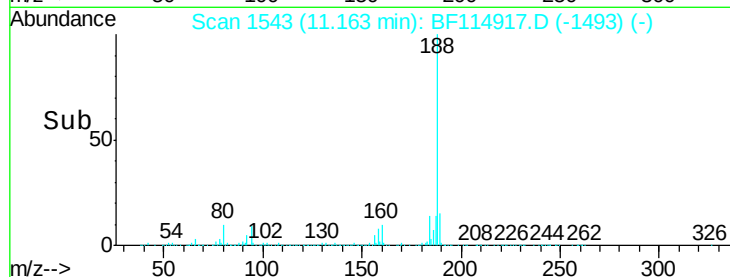
400000

200000

0

11.10 11.15 11.20

Time-->



#71

Phenanthrene

Concen: 2.075 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114917.D

Acq: 8 Jun 2019 3:38

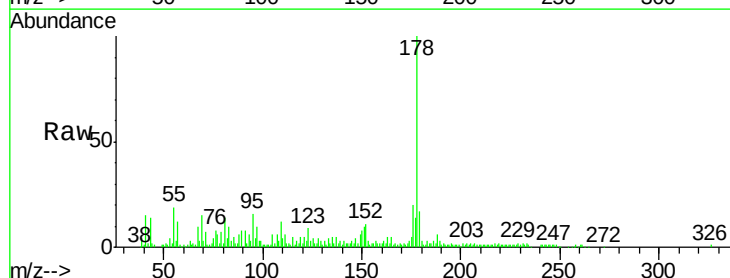
Tgt Ion:178 Resp: 74847

Ion Ratio Lower Upper

178 100

176 20.2 17.7 26.5

179 17.5 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

120000

100000

80000

60000

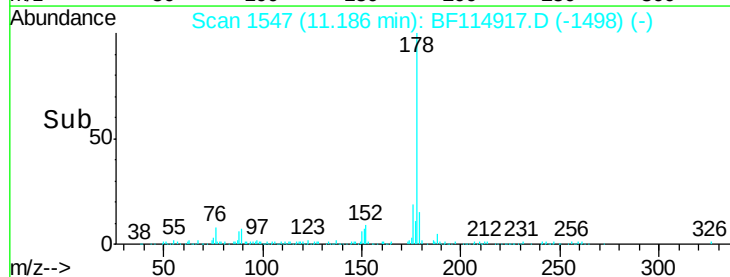
40000

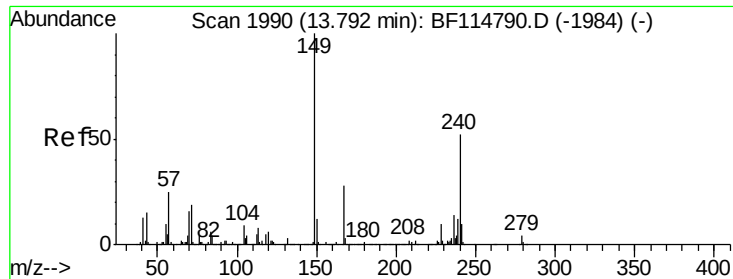
20000

0

11.15 11.20

Time-->

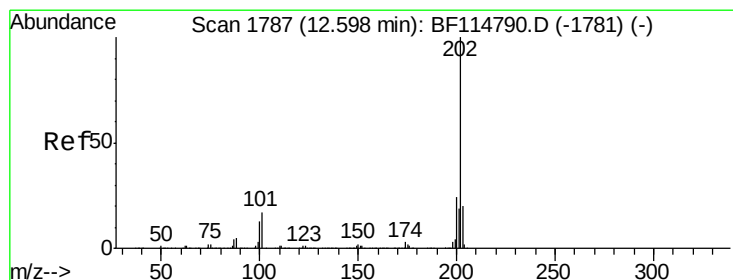
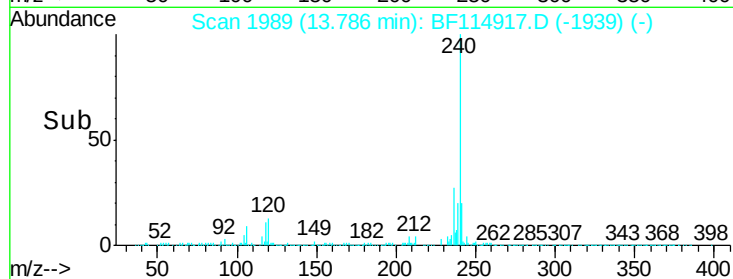
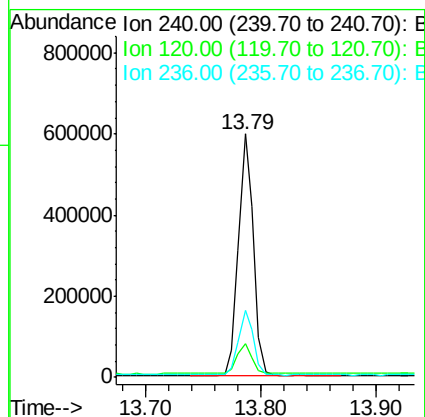
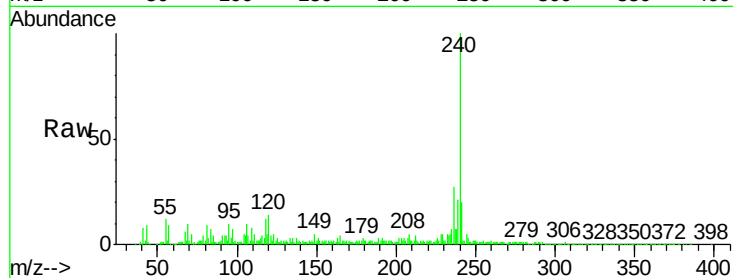




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

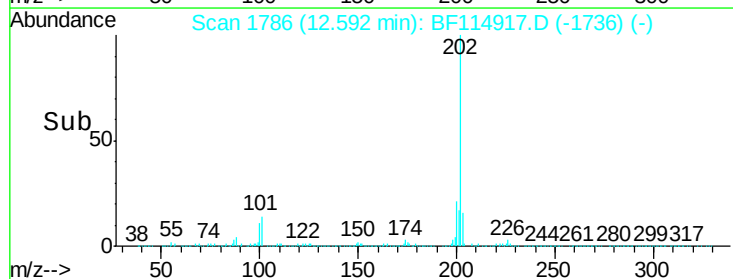
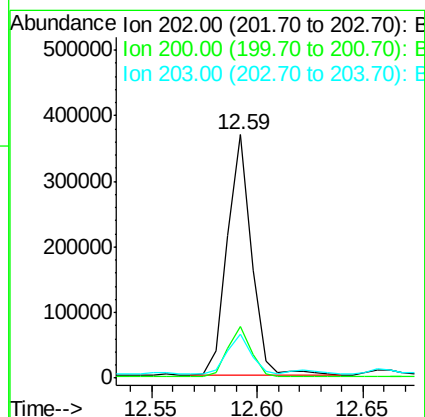
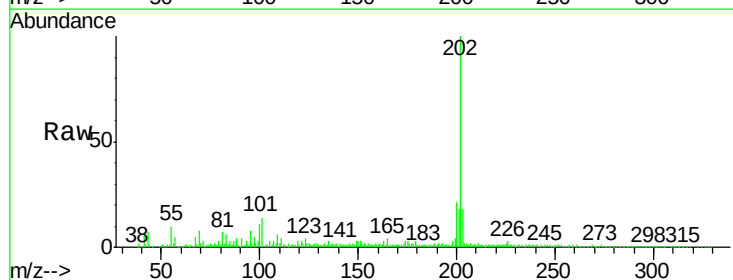
Instrument :
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SCARSDALE-COMPOSITE-1

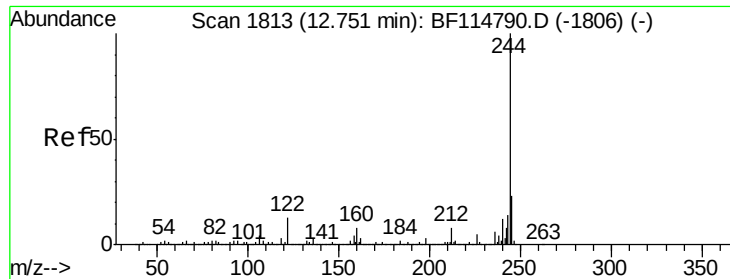
Tot Ion:240 Resp: 536112
Ion Ratio Lower Upper
240 100
120 14.0 9.0 13.4#
236 27.4 21.4 32.0



#78
Pyrene
Concen: 6.238 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion:202 Resp: 290102
Ion Ratio Lower Upper
202 100
200 21.2 19.2 28.8
203 18.2 15.9 23.9

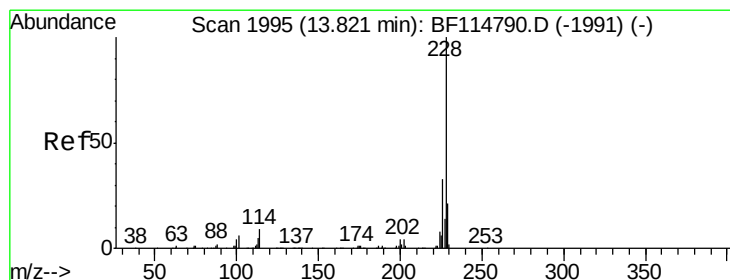
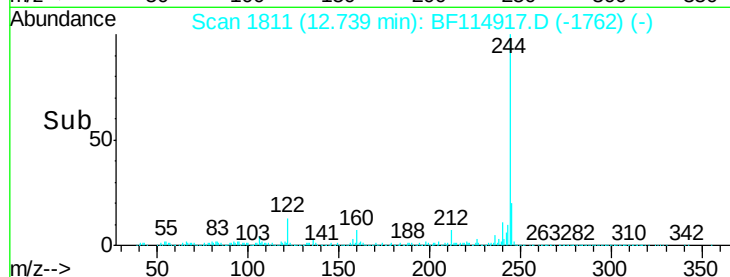
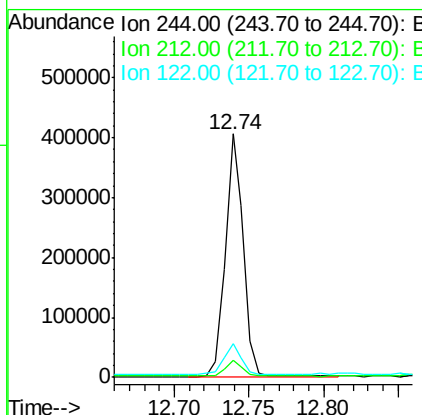
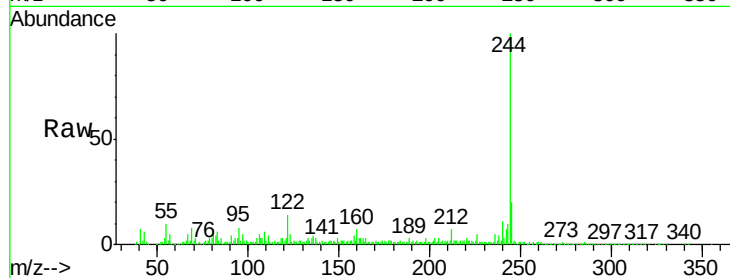




#79
 Terphenyl-d14
 Concen: 12.444 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

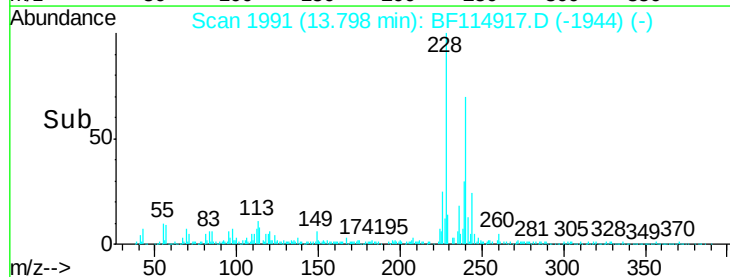
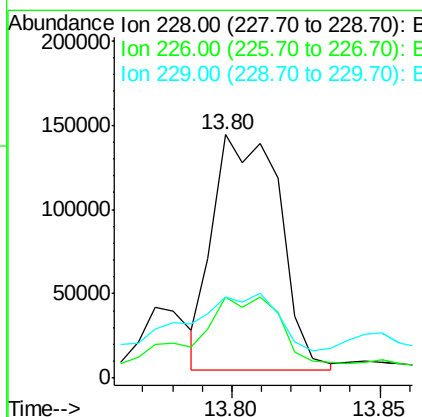
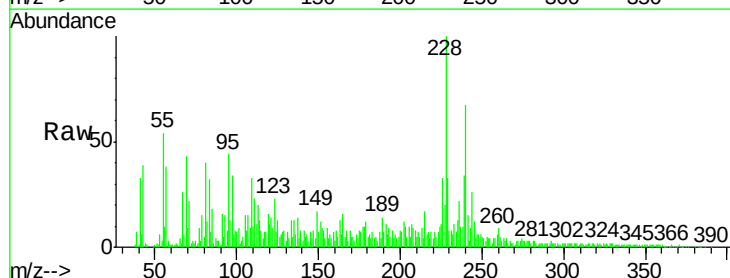
Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1

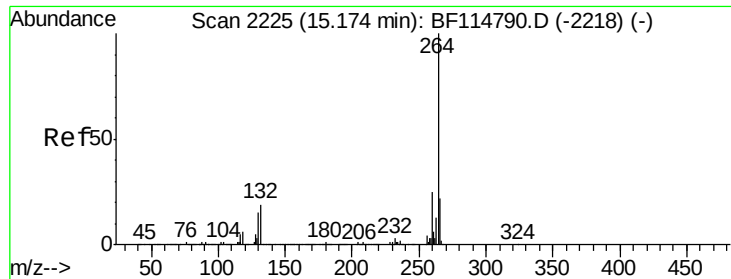
Tot Ion:244 Resp: 343037
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 13.7 10.5 15.7



#83
 Chrysene
 Concen: 5.428 ng m
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BF114917.D
 Acq: 8 Jun 2019 3:38

Tgt Ion:228 Resp: 218156
 Ion Ratio Lower Upper
 228 100
 226 33.5 26.0 39.0
 229 33.3 17.1 25.7#

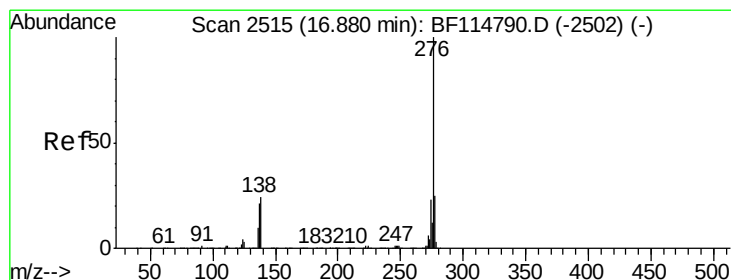
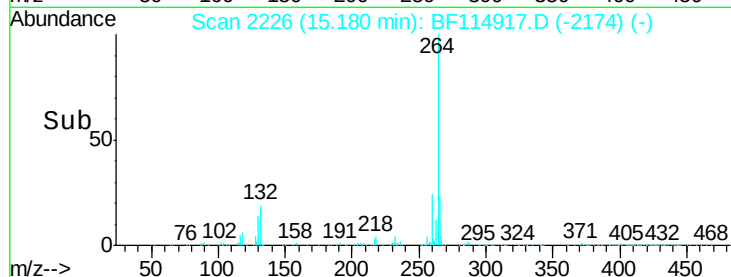
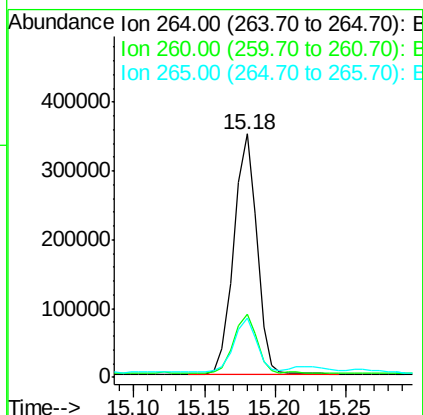
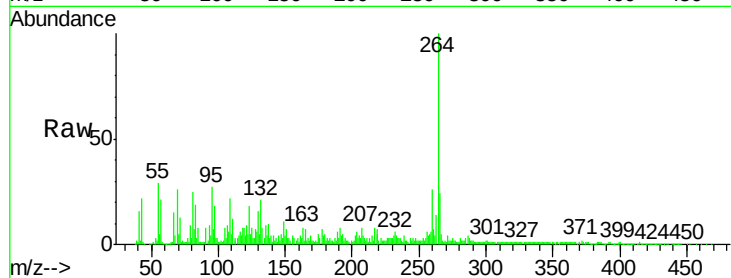




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1

Tot Ion:264 Resp: 403450
Ion Ratio Lower Upper
264 100
260 26.2 20.1 30.1
265 24.5 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 4.852 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF114917.D
Acq: 8 Jun 2019 3:38

Tgt Ion:276 Resp: 102714
Ion Ratio Lower Upper
276 100
277 30.3 19.8 29.6#
138 30.7 19.4 29.2#

