

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114946.D
 Acq On : 11 Jun 2019 15:11
 Operator : HP/JU
 Sample : K3250-01RE 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1RE

Manual Integrations
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mohammad
 6/12/2019 9:03:51 AM

Quant Time: Jun 11 16:38:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	253496	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1015501	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	495887	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	871030	20.00	ng	0.00
76) Chrysene-d12	13.79	240	561282	20.00	ng	0.00
87) Perylene-d12	15.20	264	373309	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	293547	19.60	ng	-0.01
7) Phenol-d6	6.30	99	375260	20.77	ng	-0.01
23) Nitrobenzene-d5	7.22	82	219203	13.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	86694	16.07	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	424122	13.57	ng	0.00
79) Terphenyl-d14	12.74	244	359604	12.74	ng	0.00
Target Compounds						
71) Phenanthrene	11.19	178	86918	2.057	ng	Qvalue 97
78) Pyrene	12.60	202	298452	6.105	ng	96
83) Chrysene	13.82	228	238438m	5.721	ng	
92) Benzo(g,h,i)perylene	16.92	276	92420	5.200	ng	# 82

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

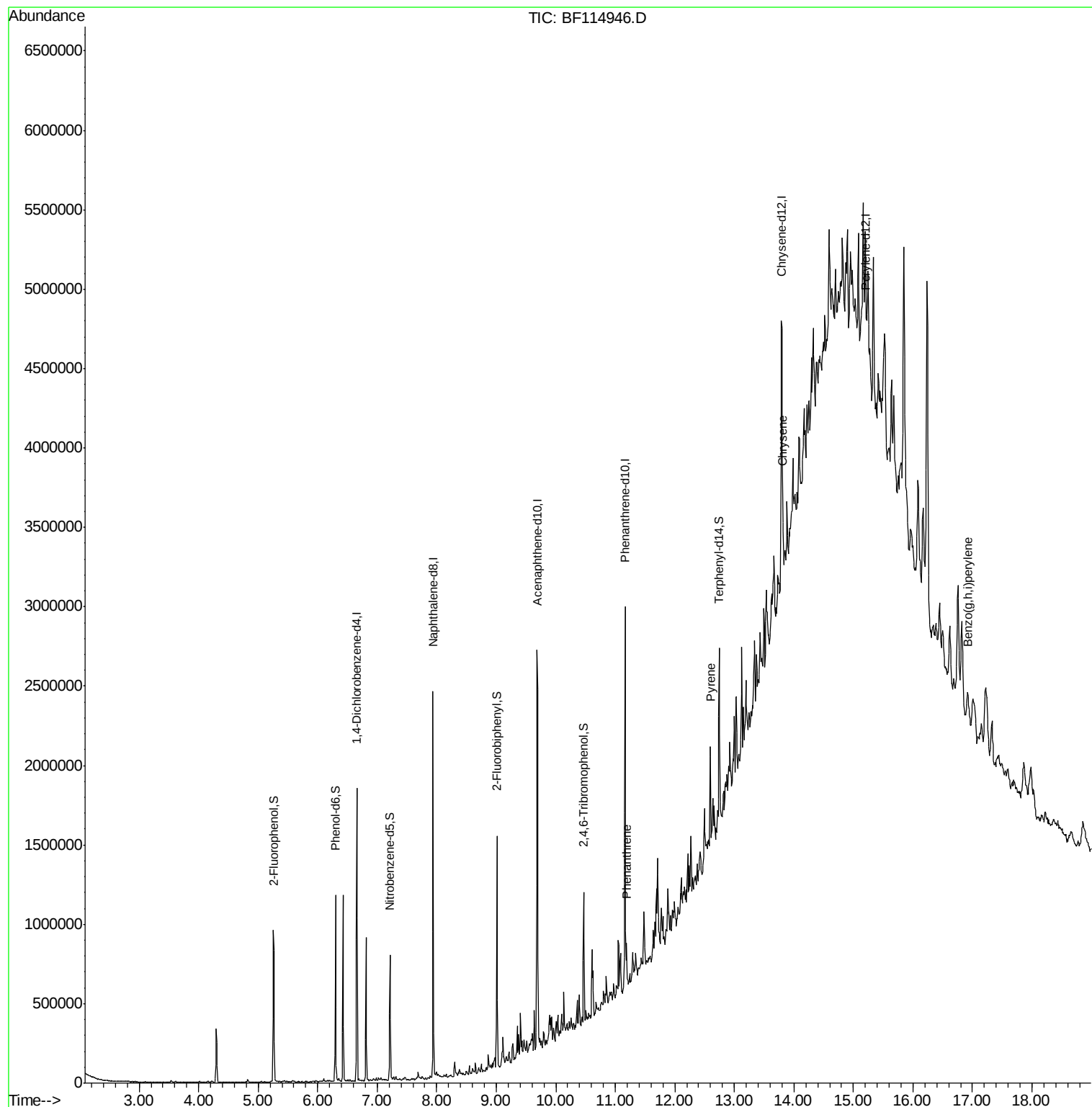
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114946.D
Acq On : 11 Jun 2019 15:11
Operator : HP/JU
Sample : K3250-01RE 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

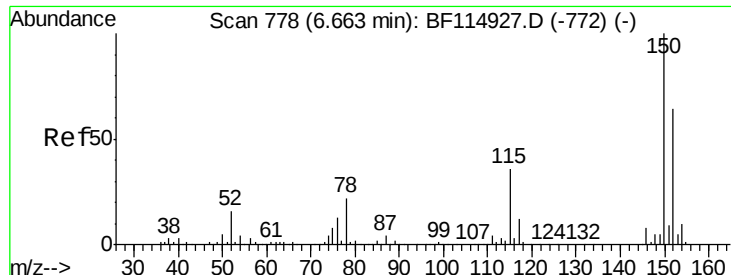
Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1RE

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Quant Time: Jun 11 16:38:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration





#1

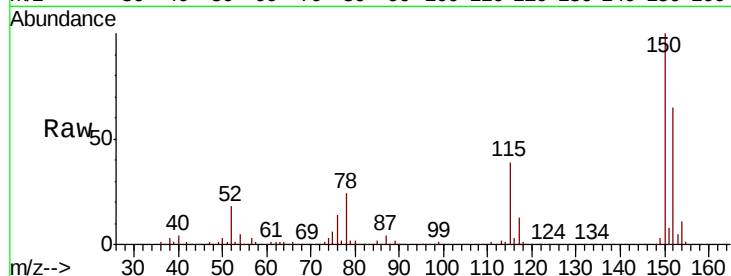
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114946.D
Acq: 11 Jun 2019 15:11

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.2	187.8
115	60.0	45.0	67.4

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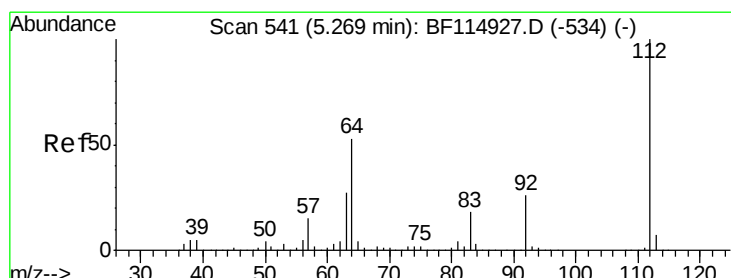
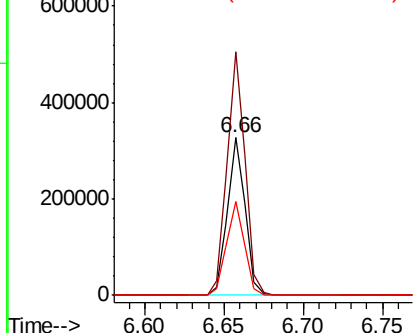
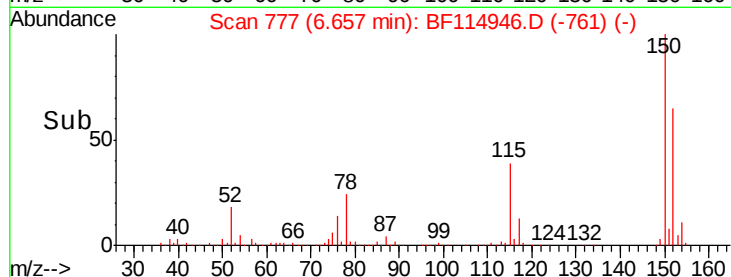


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

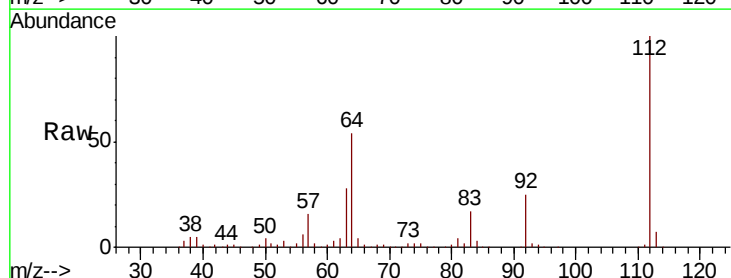
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.598 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF114946.D
Acq: 11 Jun 2019 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.1	63.1
63	27.7	21.8	32.8

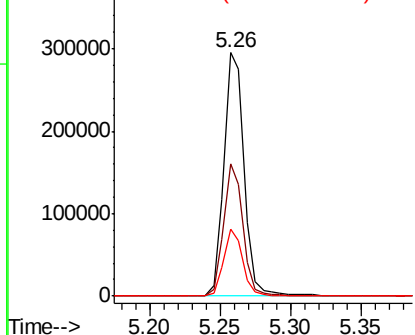
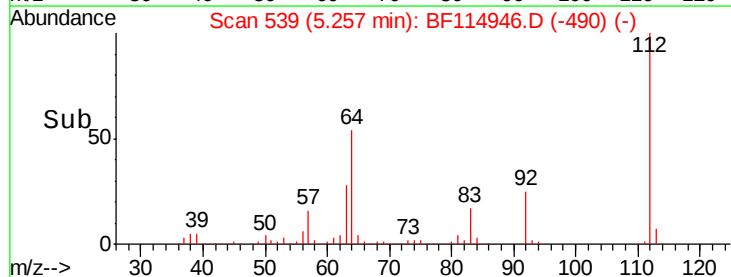


Abundance

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: 20.771 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Instrument :

BNA_F

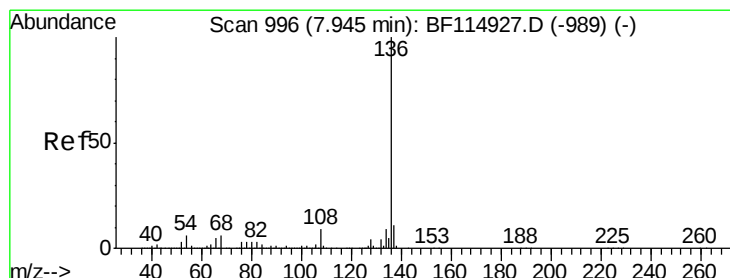
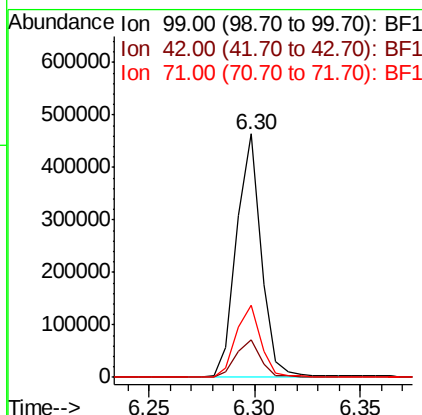
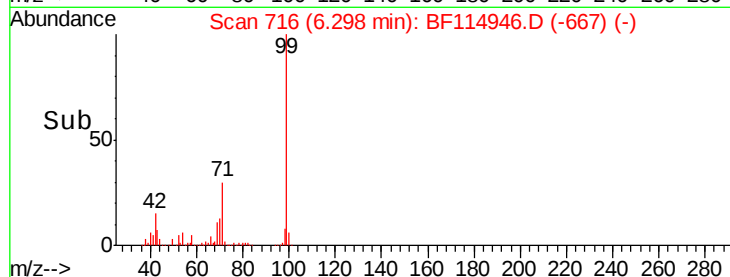
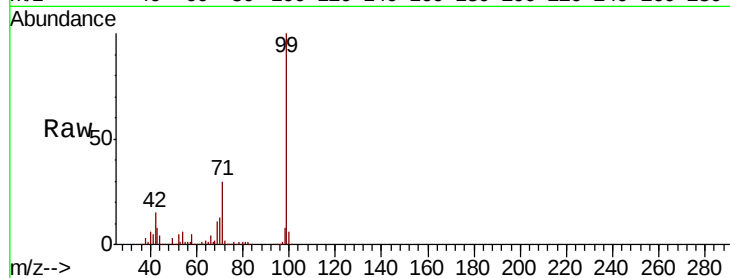
ClientSampleId :

SCARSDALE-COMPOSITE-1RE

Tot Ion:	99	Resp:	375260
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.1	19.7
71	29.8	26.8	40.2

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#21

Naphthalene-d8

Concen: 20.000 ng

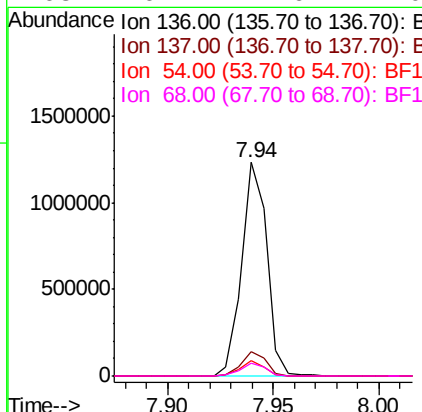
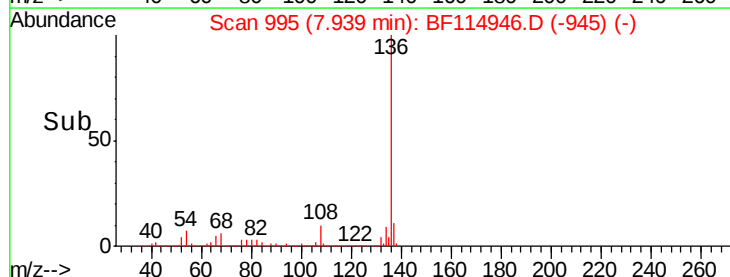
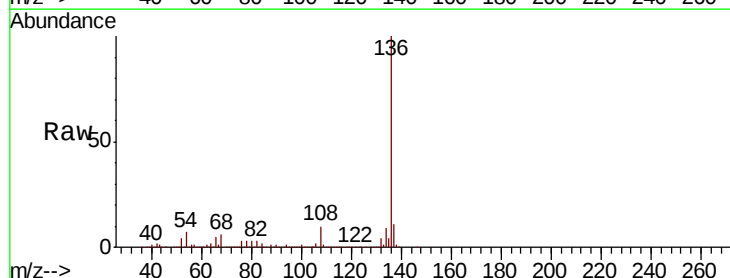
RT: 7.94 min Scan# 995

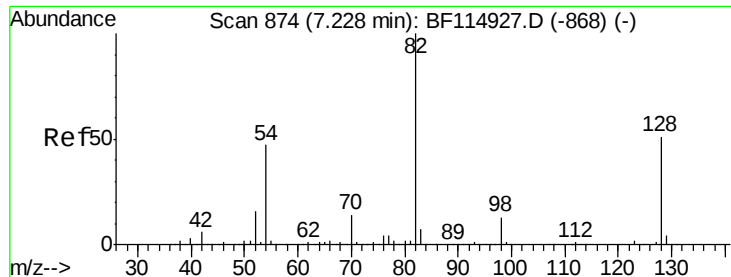
Delta R.T. -0.01 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Tgt Ion:	136	Resp:	1015501
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.3	5.2	7.8
68	6.1	4.6	7.0





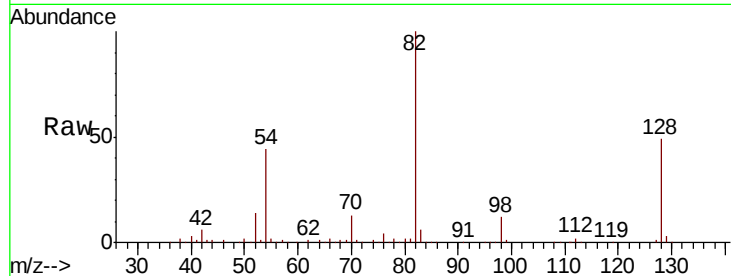
#23
 Nitrobenzene-d5
 Concen: 13.263 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF114946.D
 Acq: 11 Jun 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1RE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	219203		
128	49.4		40.9	61.3
54	43.6		37.4	56.0

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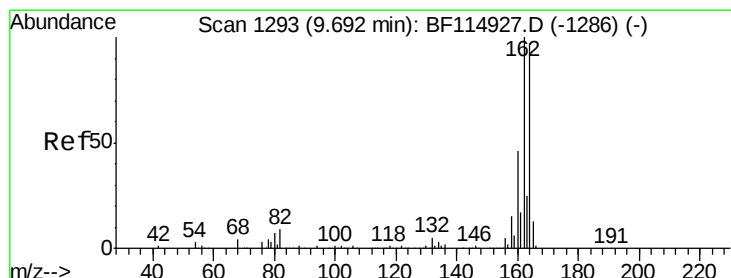
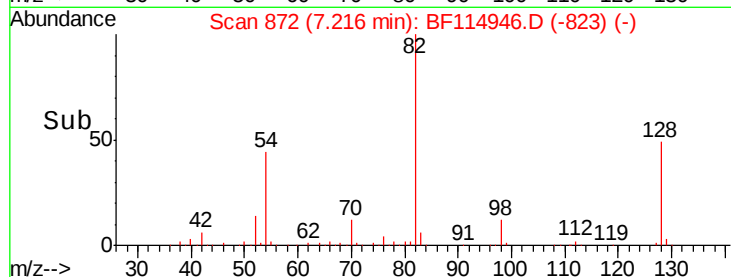
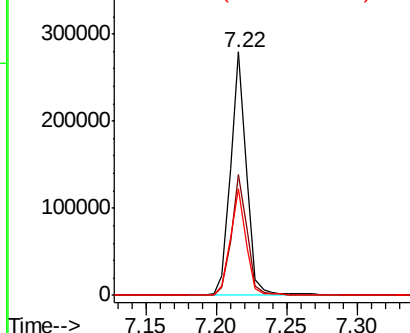


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114946.D
 Acq: 11 Jun 2019 15:11

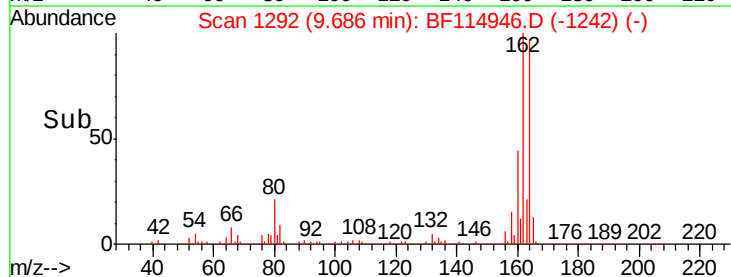
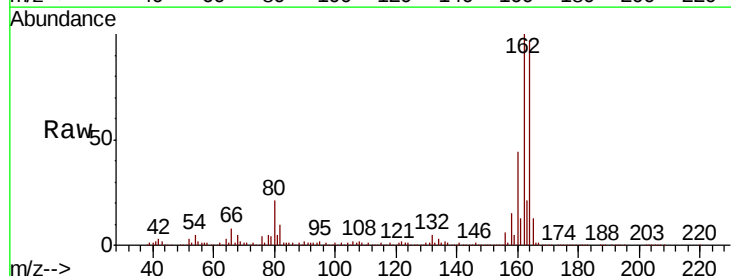
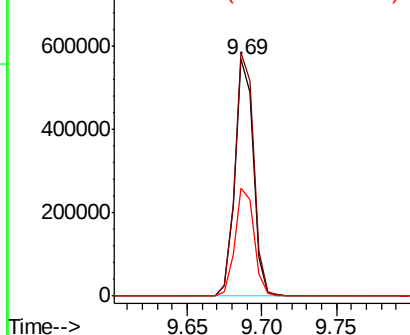
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	495887		
162	102.7		82.4	123.6
160	45.4		37.5	56.3

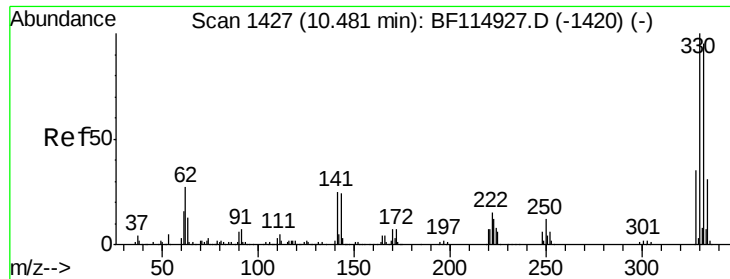
Abundance

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: 16.071 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Instrument :

BNA_F

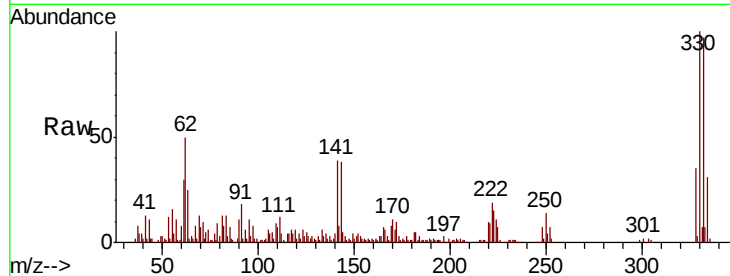
ClientSampleId :

SCARSDALE-COMPOSITE-1RE

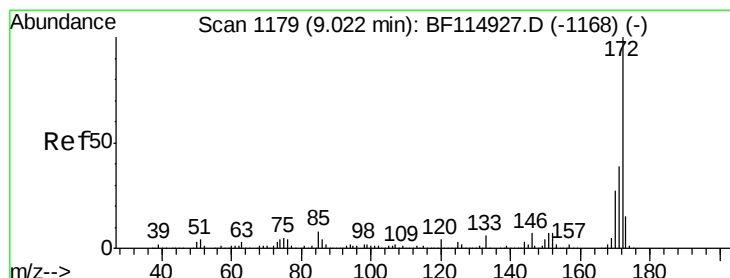
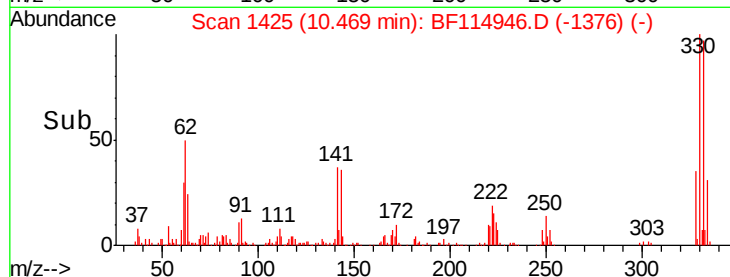
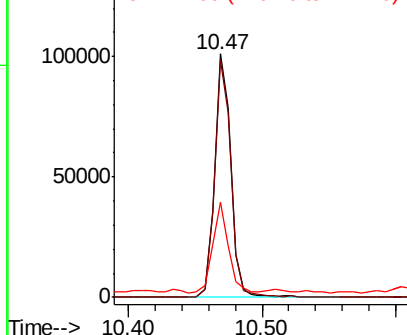
Tot Ion:	330	Resp:	86694
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.4	114.6
141	35.4	26.8	40.2

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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: 13.574 ng

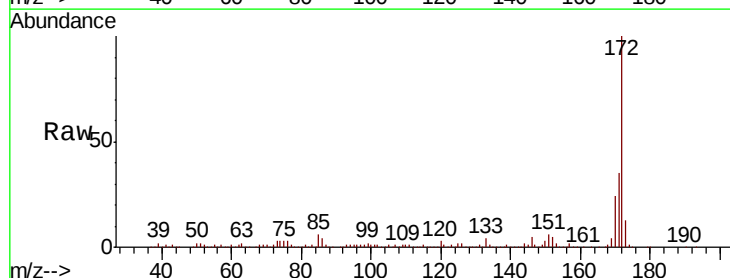
RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

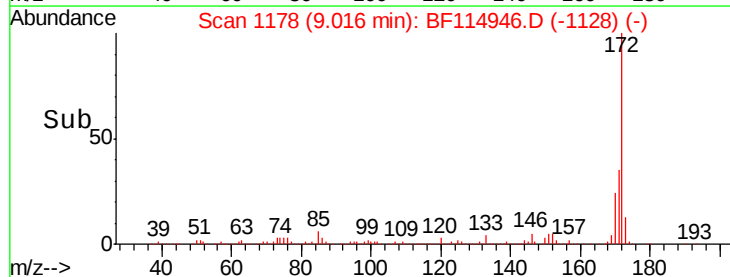
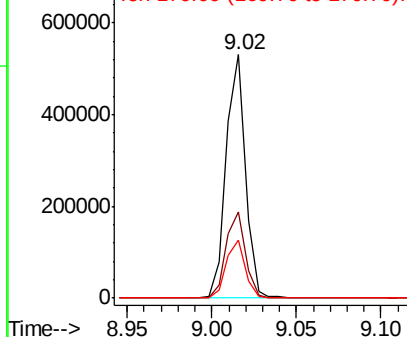
Lab File: BF114946.D

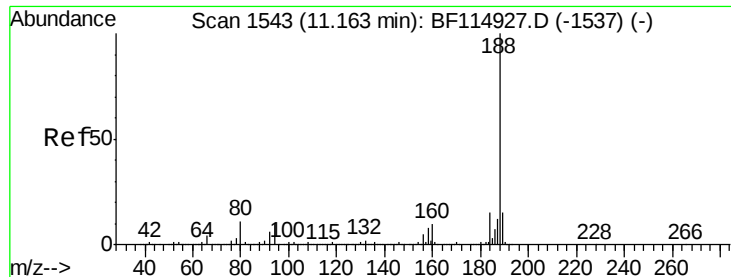
Acq: 11 Jun 2019 15:11

Tgt Ion:	172	Resp:	424122
Ion Ratio	Lower	Upper	
172	100		
171	35.5	31.3	46.9
170	23.9	21.4	32.0



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. -0.00 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Instrument :

BNA_F

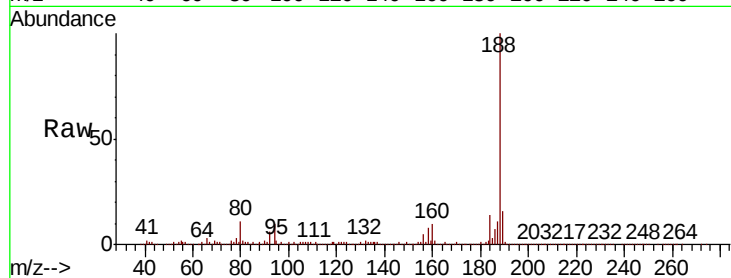
ClientSampleId :

SCARSDALE-COMPOSITE-1RE

Tot Ion:	188	Resp:	871030
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.1	12.1
80	11.1	8.6	12.8

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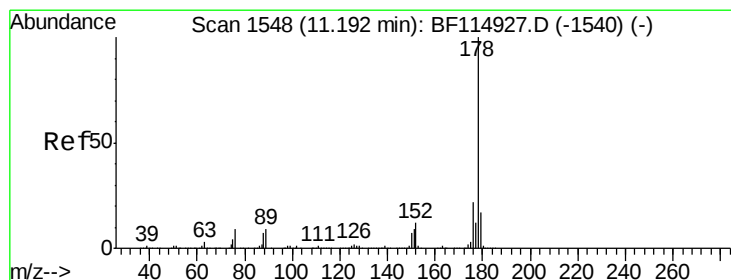
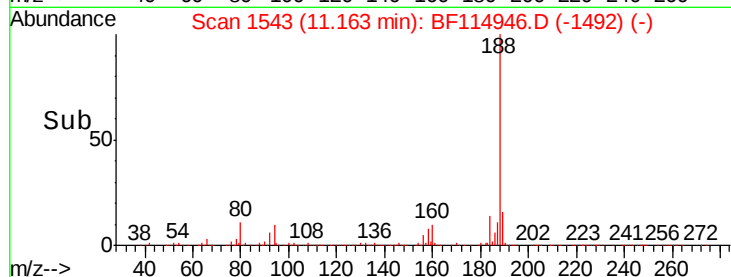
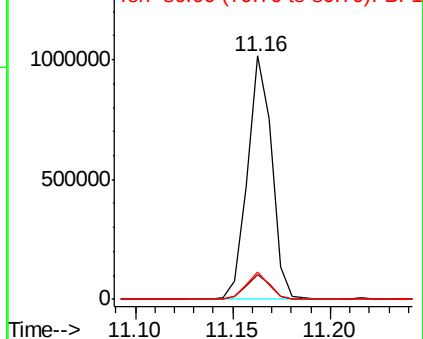
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.057 ng

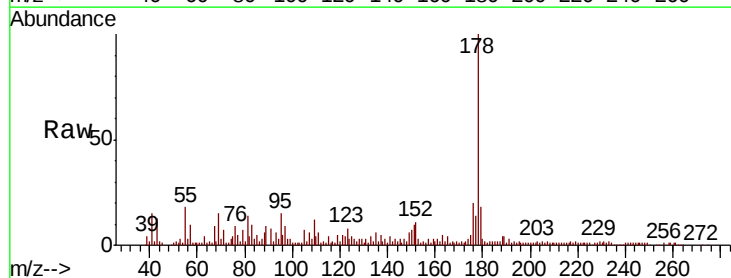
RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

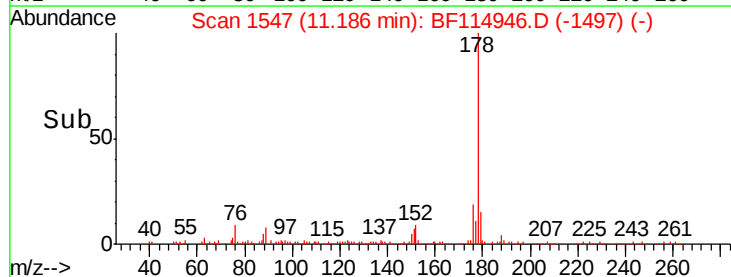
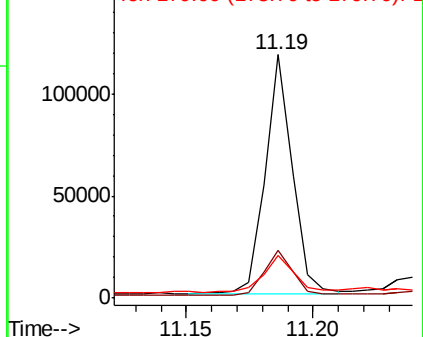
Tgt Ion:	178	Resp:	86918
Ion Ratio	Lower	Upper	
178	100		
176	19.8	17.4	26.2
179	17.6	13.6	20.4

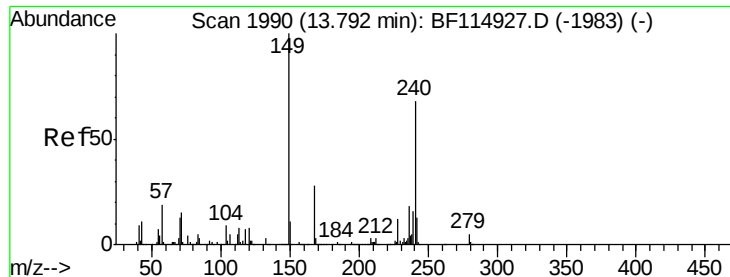


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





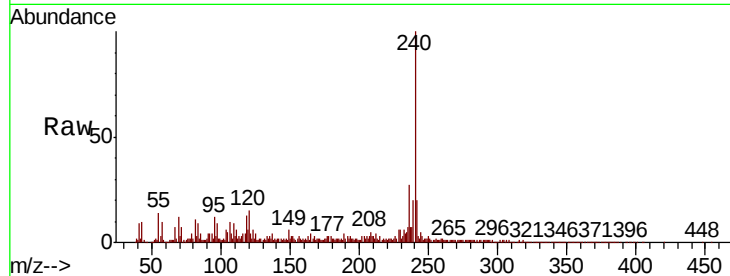
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114946.D
Acq: 11 Jun 2019 15:11

Instrument :
BNA_F
ClientSampleId :
SCARSDALE-COMPOSITE-1RE

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.6	9.2	13.8#	
236	27.2	21.7	32.5	

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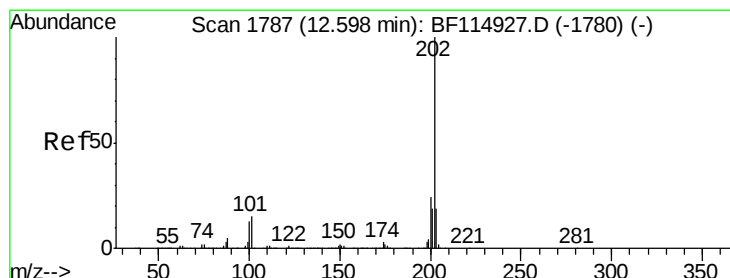
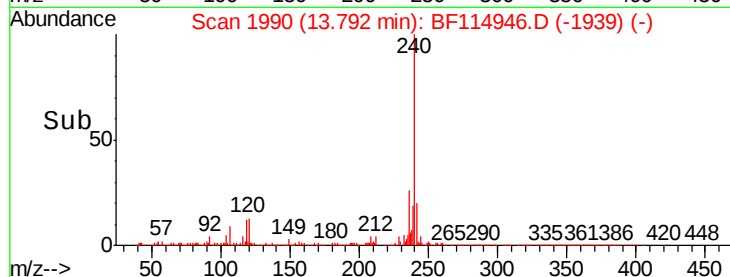
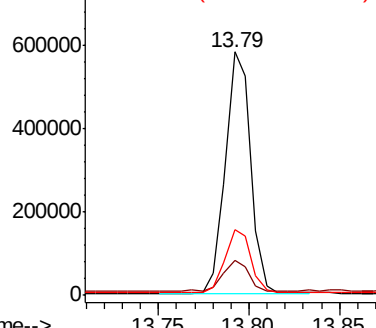


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 6.105 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF114946.D
Acq: 11 Jun 2019 15:11

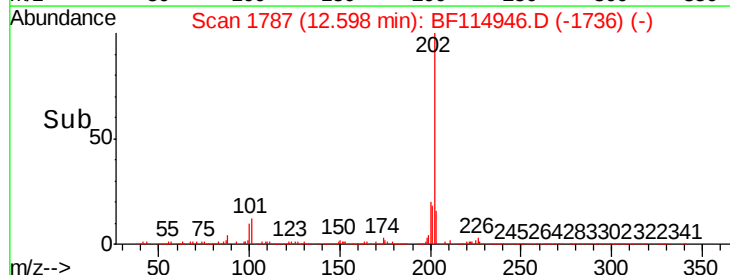
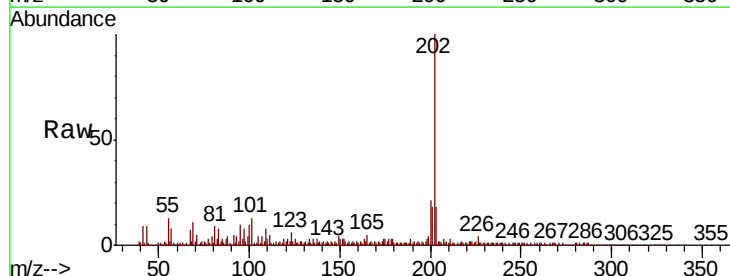
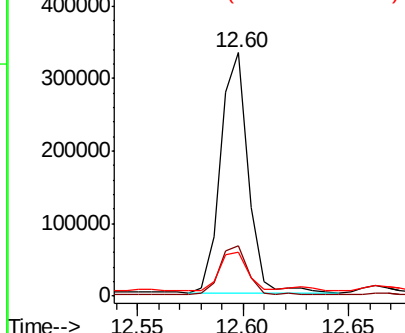
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	18.9	28.3	
203	17.9	15.2	22.8	

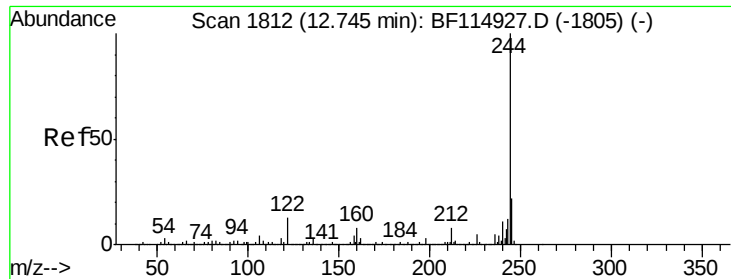
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





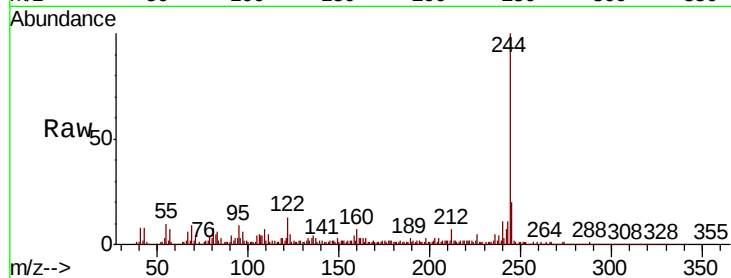
#79
 Terphenyl-d14
 Concen: 12.741 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114946.D
 Acq: 11 Jun 2019 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SCARSDALE-COMPOSITE-1RE

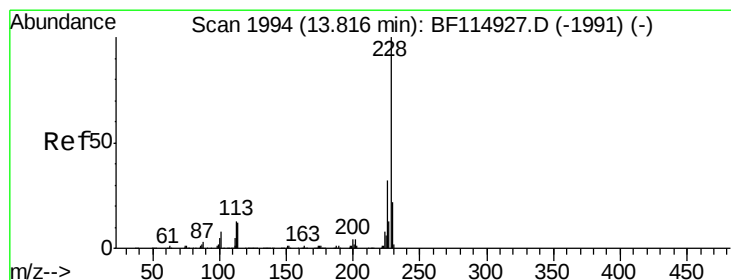
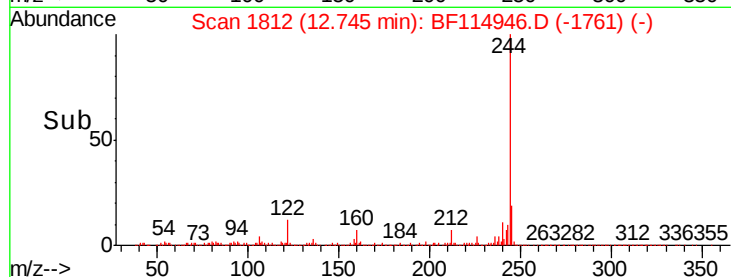
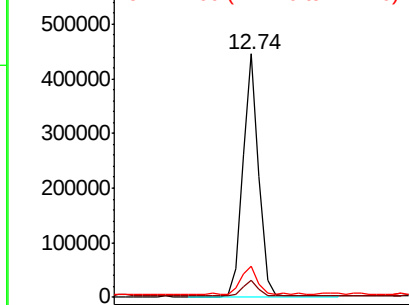
Tot Ion:	244	Resp:	359604
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.2	9.2
122	12.9	10.2	15.4

Manual Integrations
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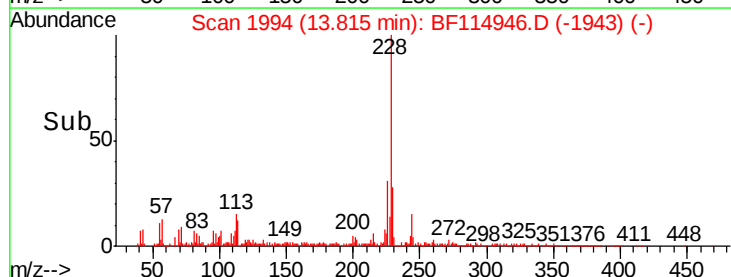
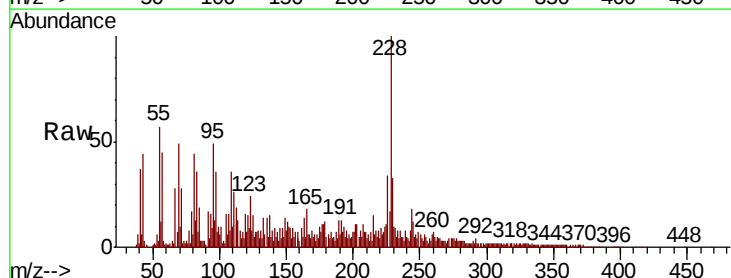
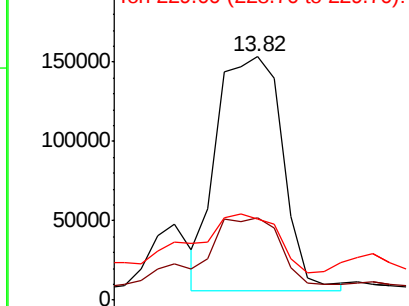
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

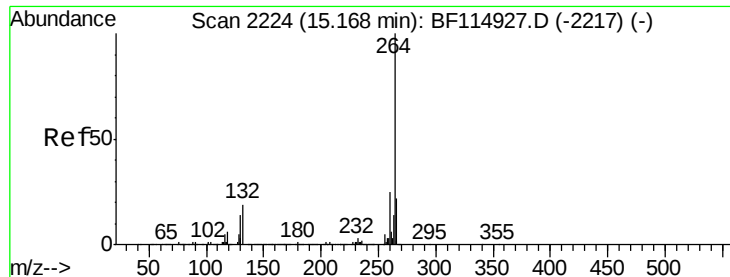


#83
 Chrysene
 Concen: 5.721 ng m
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF114946.D
 Acq: 11 Jun 2019 15:11

Tgt Ion:	228	Resp:	238438
Ion Ratio	Lower	Upper	
228	100		
226	33.6	25.8	38.8
229	33.1	17.2	25.8#

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. 0.04 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Instrument :

BNA_F

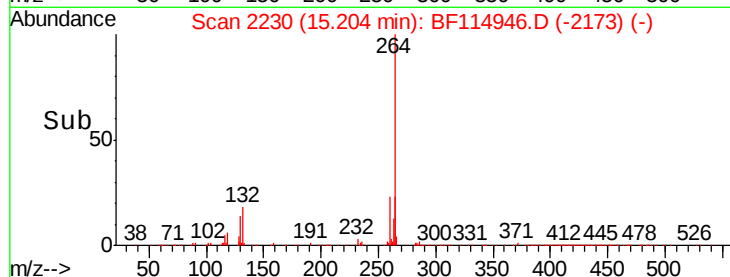
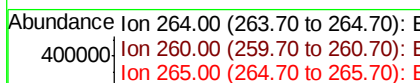
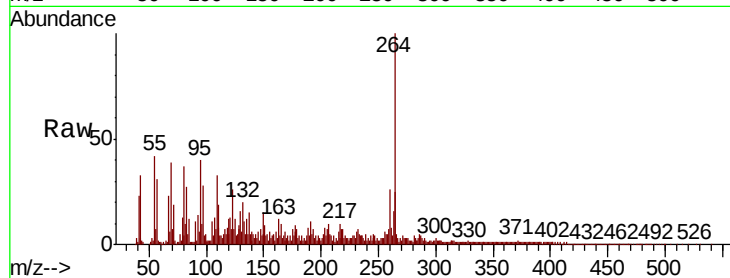
ClientSampleId :

SCARSDALE-COMPOSITE-1RE

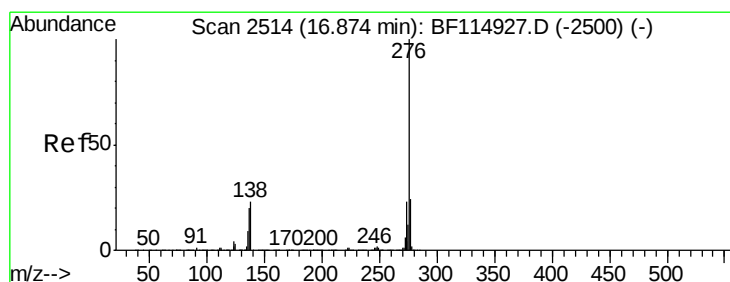
Tot Ion:	264	Resp:	373309
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.7	29.5
265	25.0	17.5	26.3

Manual Integrations
APPROVED

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6/12/2019 9:03:51 AM



Time-->



#92

Benzo(g,h,i)perylene

Concen: 5.200 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.04 min

Lab File: BF114946.D

Acq: 11 Jun 2019 15:11

Tgt Ion:	276	Resp:	92420
Ion Ratio	Lower	Upper	
276	100		
277	28.1	19.0	28.6
138	36.3	18.7	28.1#

