

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114832.D
 Acq On : 5 Jun 2019 21:41
 Operator : HP/JU
 Sample : K3183-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-2

Manual Integrations
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Quant Time: Jun 06 07:15:38 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	6.67	152	350278	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1354421	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	692354	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1350860	20.00	ng	0.00
76) Chrysene-d12	13.79	240	879418	20.00	ng	0.00
87) Perylene-d12	15.17	264	951650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1954251	97.49	ng	0.01
7) Phenol-d6	6.30	99	2396383	98.24	ng	0.00
23) Nitrobenzene-d5	7.23	82	1483907	67.44	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	737073	98.79	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2588915	70.05	ng	0.00
79) Terphenyl-d14	12.75	244	2750939	60.83	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	670101	13.252	ng	98
71) Phenanthrene	11.19	178	451736	7.005	ng	94
75) Fluoranthene	12.37	202	673380	10.032	ng	95
78) Pyrene	12.60	202	655319	8.590	ng	95
81) Benzo(a)anthracene	13.78	228	285953	4.220	ng	98
83) Chrysene	13.82	228	304041	4.612	ng	96
88) Benzo(b)fluoranthene	14.79	252	366894m	6.056	ng	
89) Benzo(k)fluoranthene	14.81	252	109871m	2.136	ng	
90) Benzo(a)pyrene	15.12	252	260057	4.959	ng	100
92) Benzo(g,h,i)perylene	16.87	276	113990	2.283	ng	98

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

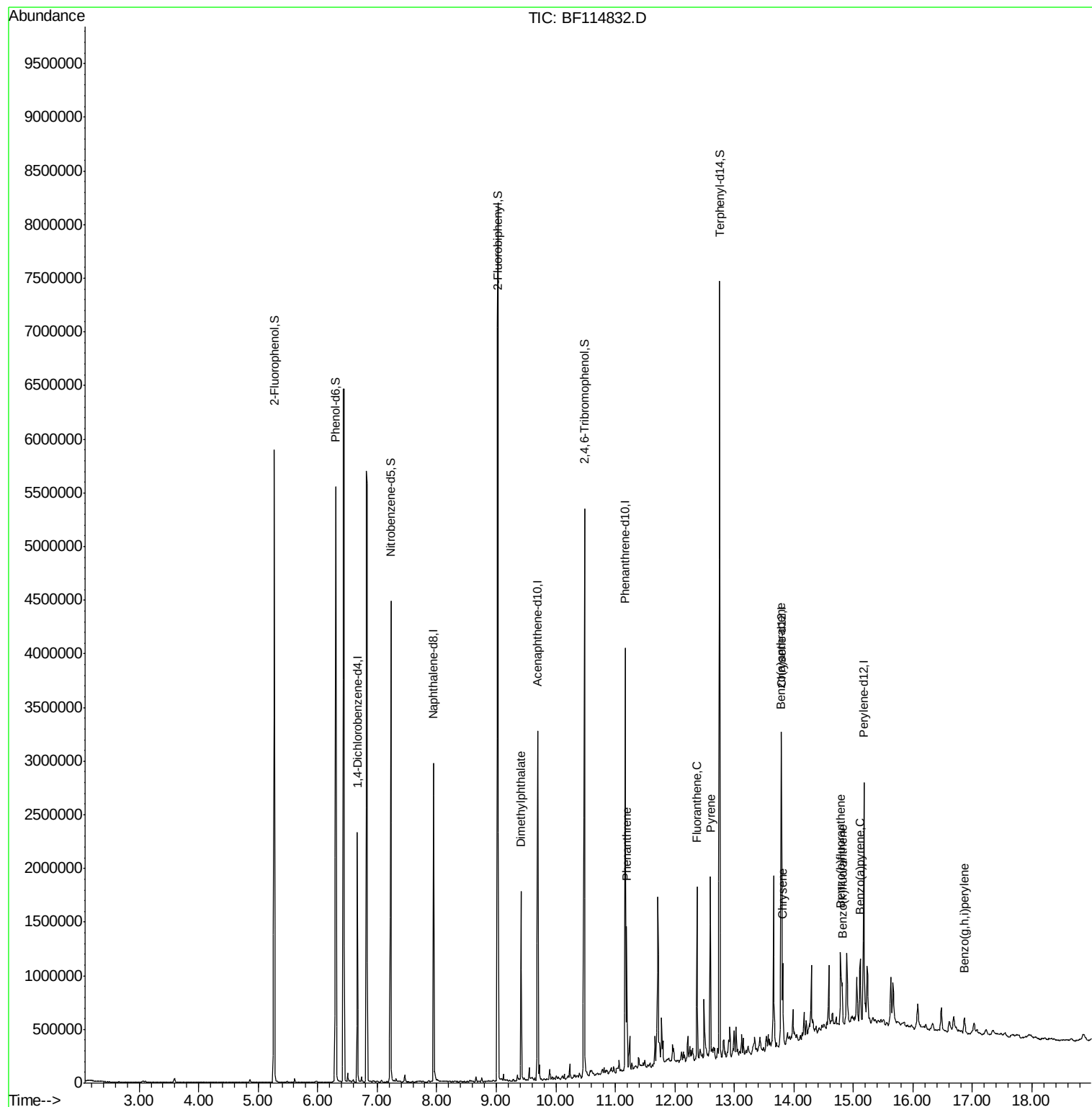
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114832.D
Acq On : 5 Jun 2019 21:41
Operator : HP/JU
Sample : K3183-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

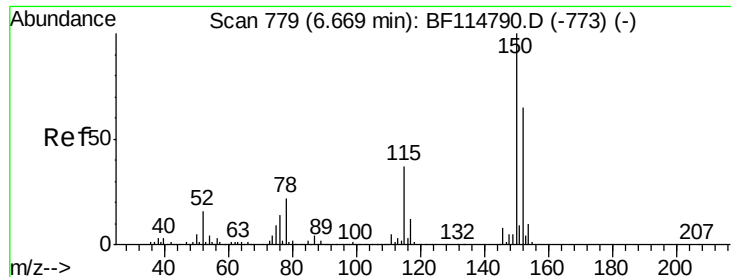
Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

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#1

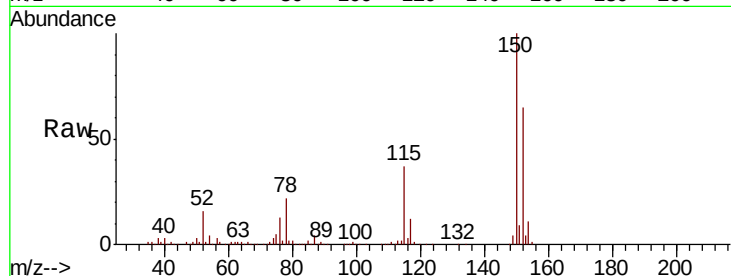
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.0	186.0
115	56.8	46.3	69.5

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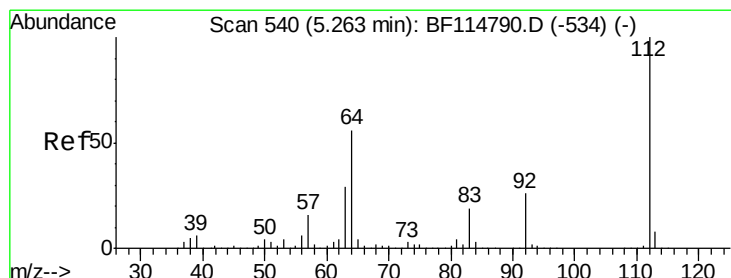
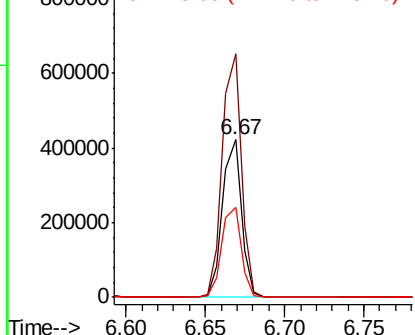
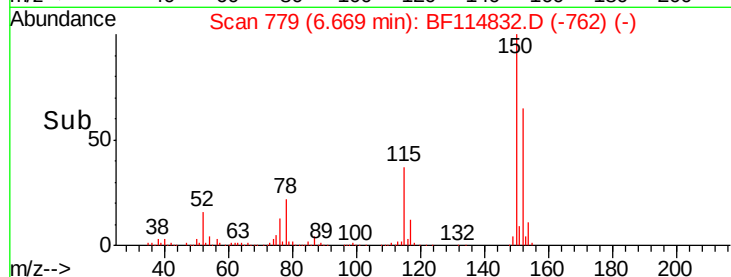


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

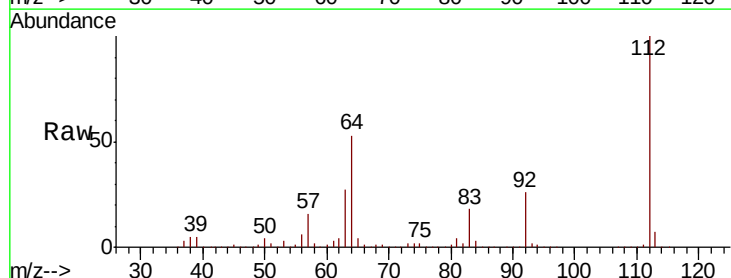
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.487 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	44.6	66.8
63	27.4	23.0	34.4

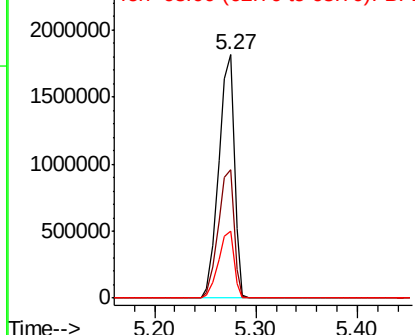
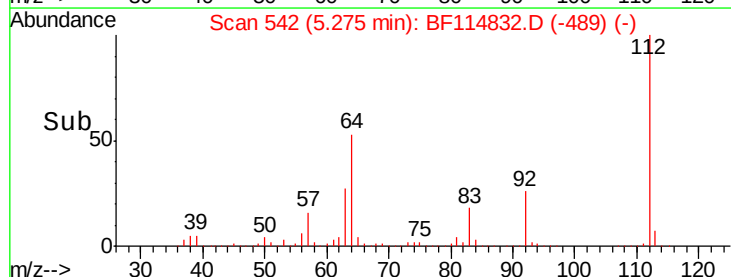


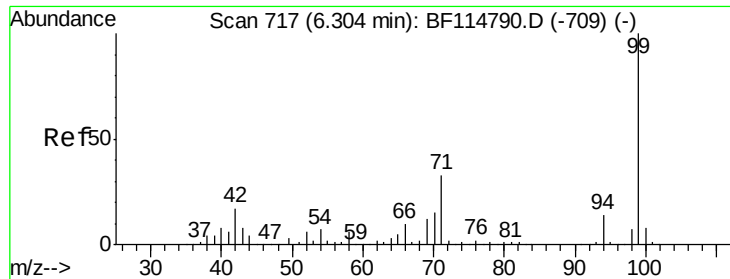
Abundance

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: 98.244 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114832.D

Acq: 5 Jun 2019 21:41

Instrument :

BNA_F

ClientSampleId :

SP-COMP-2

Tot Ion: 99 Resp: 2396383

Ion Ratio Lower Upper

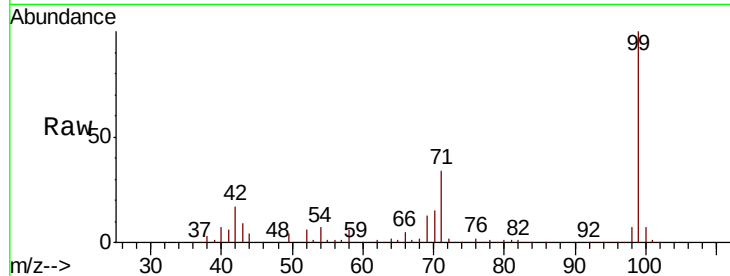
99 100

42 17.2 13.3 19.9

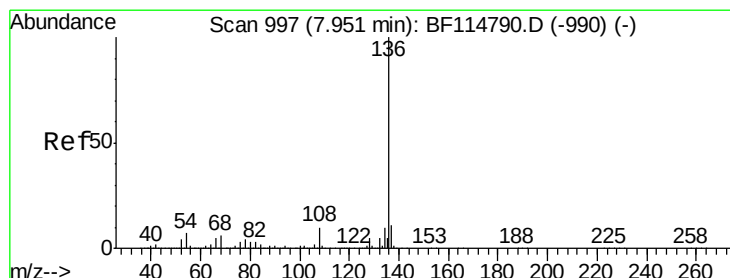
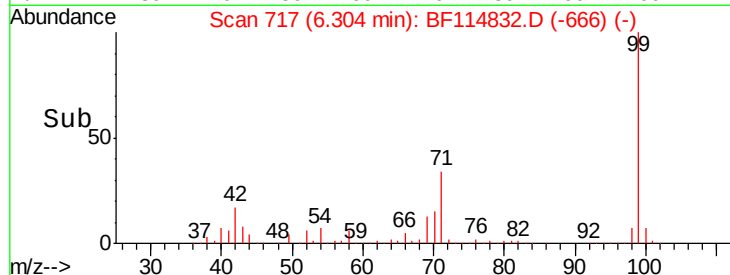
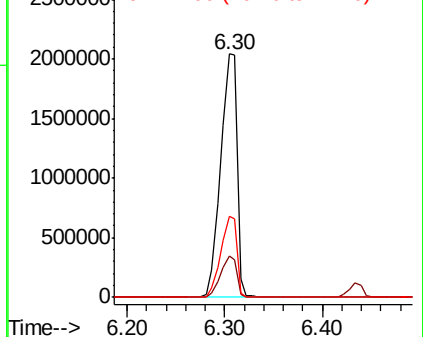
71 33.5 26.3 39.5

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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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114832.D

Acq: 5 Jun 2019 21:41

Tgt Ion: 136 Resp: 1354421

Ion Ratio Lower Upper

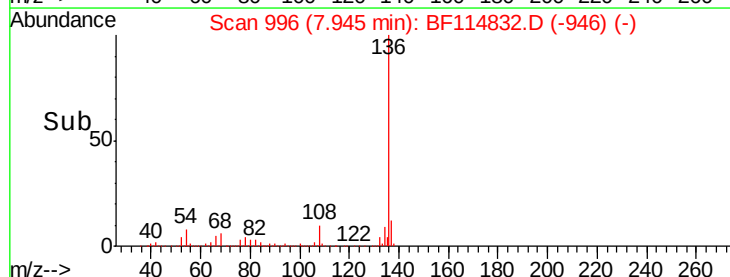
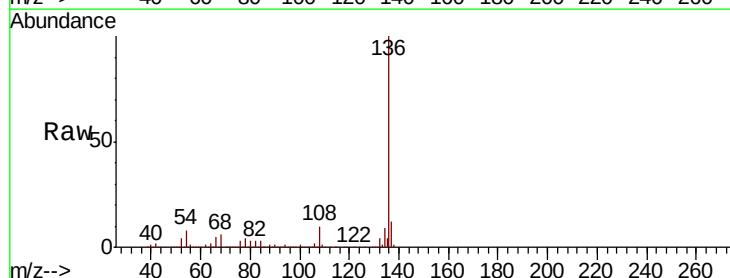
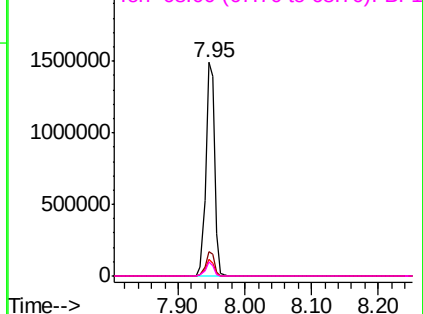
136 100

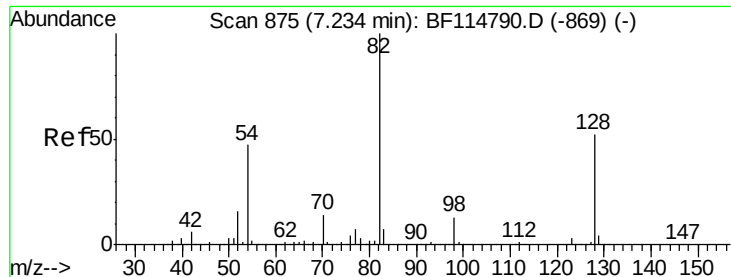
137 11.7 9.1 13.7

54 7.5 5.4 8.0

68 6.4 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





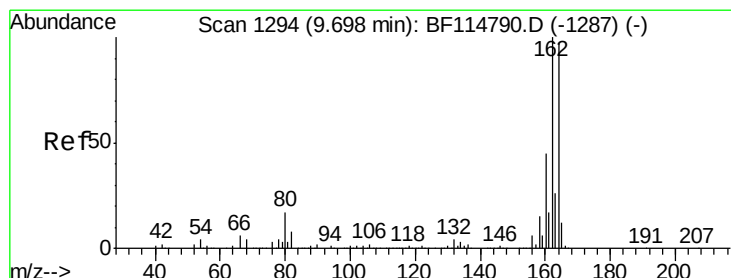
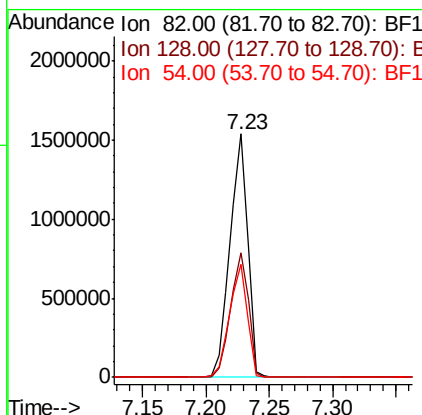
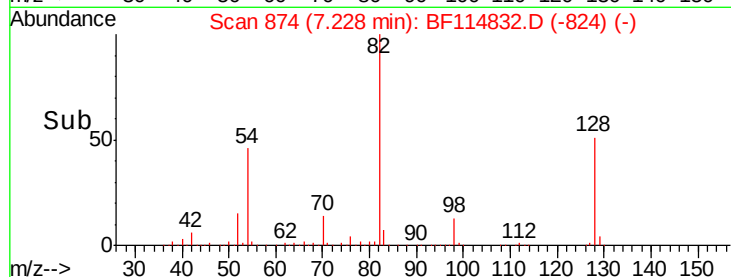
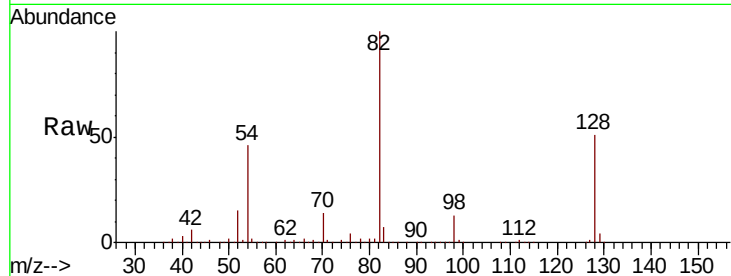
#23
Nitrobenzene-d5
Concen: 67.444 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	82	Resp	1483907
Ion Ratio	100	Lower	Upper
128	51.0	41.8	62.6
54	46.2	37.9	56.9

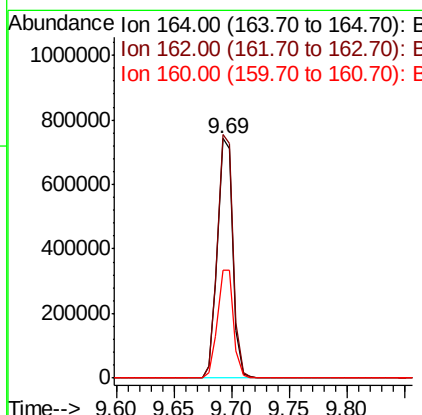
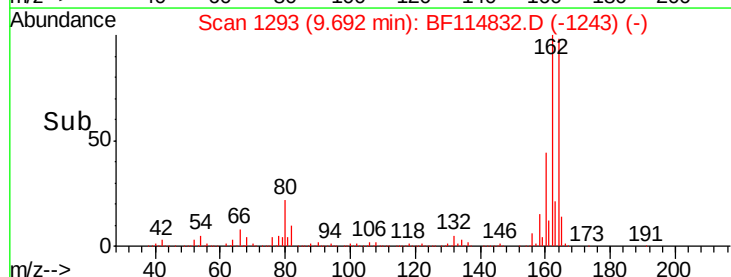
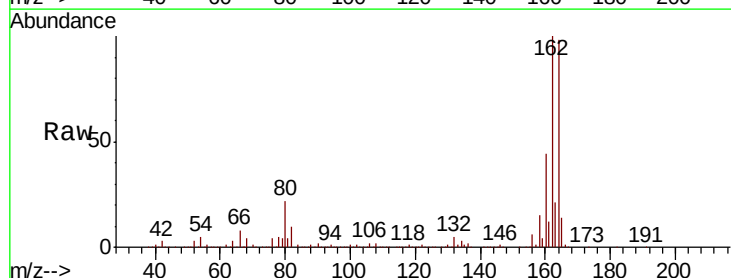
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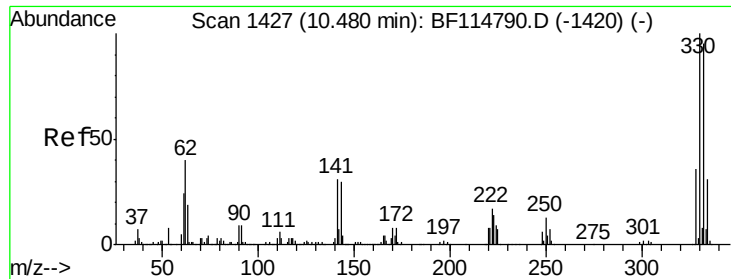
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	164	Resp	692354
Ion Ratio	100	Lower	Upper
162	101.7	82.3	123.5
160	45.0	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 98.787 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114832.D

Acq: 5 Jun 2019 21:41

Instrument :

BNA_F

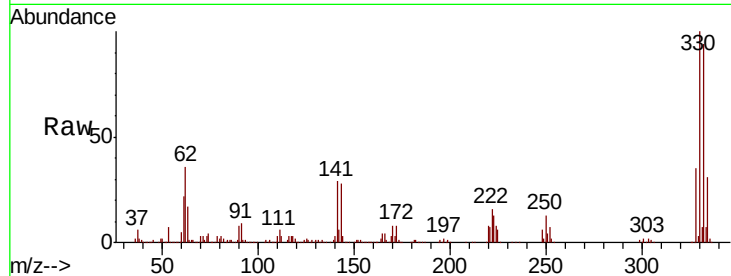
ClientSampled :

SP-COMP-2

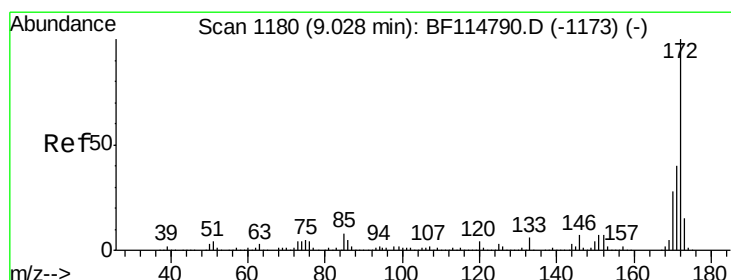
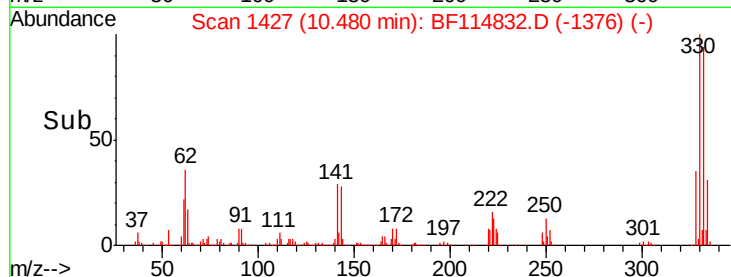
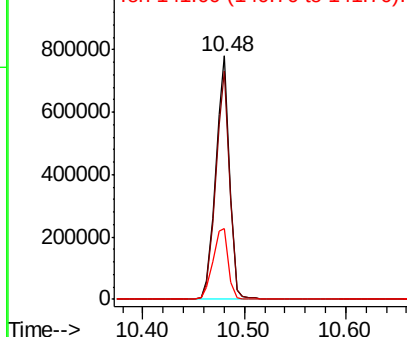
Tot Ion:	330	Resp:	737073
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.3	115.9
141	32.6	26.2	39.4

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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: 70.047 ng

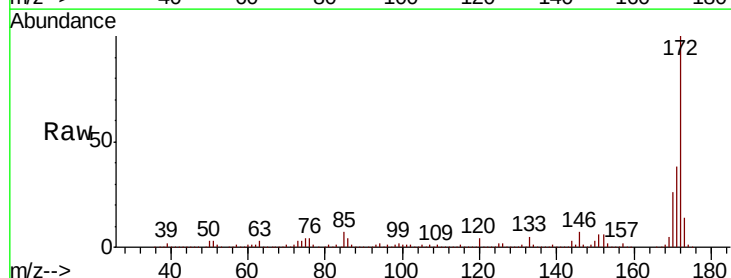
RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

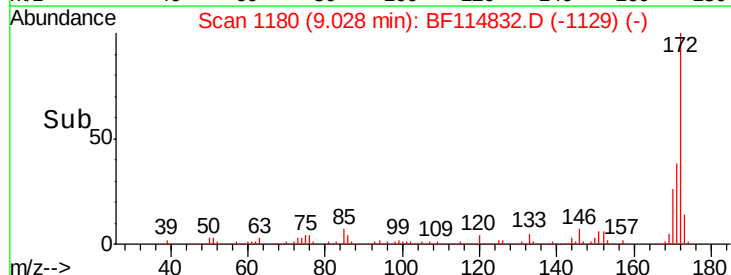
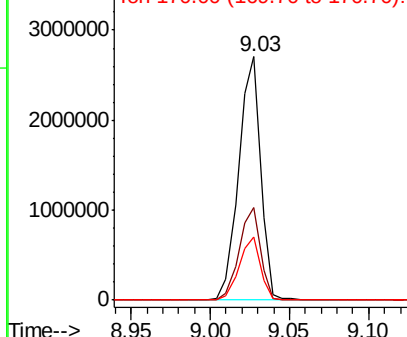
Lab File: BF114832.D

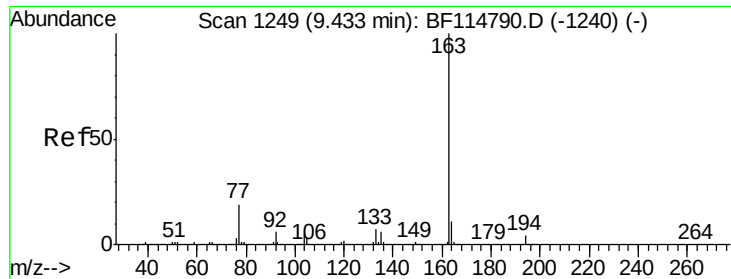
Acq: 5 Jun 2019 21:41

Tgt Ion:	172	Resp:	2588915
Ion Ratio	Lower	Upper	
172	100		
171	38.0	32.3	48.5
170	26.0	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





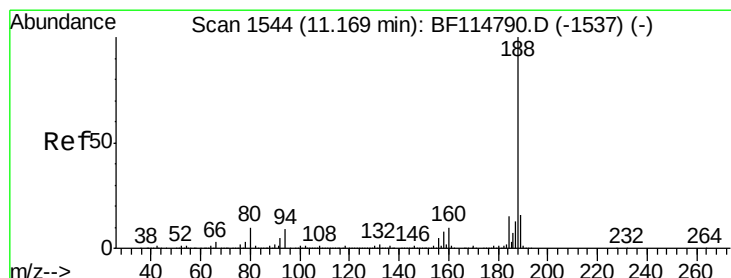
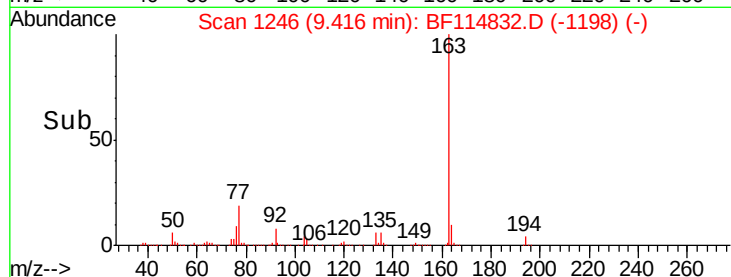
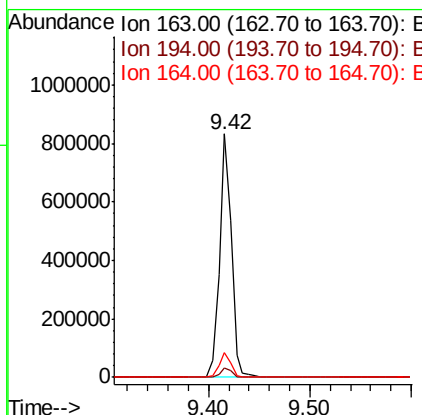
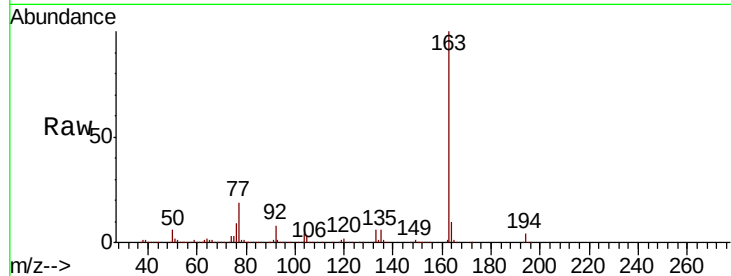
#50
Dimethylphthalate
Concen: 13.252 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	670101		
194	3.9		3.4	5.2
164	10.2		8.6	13.0

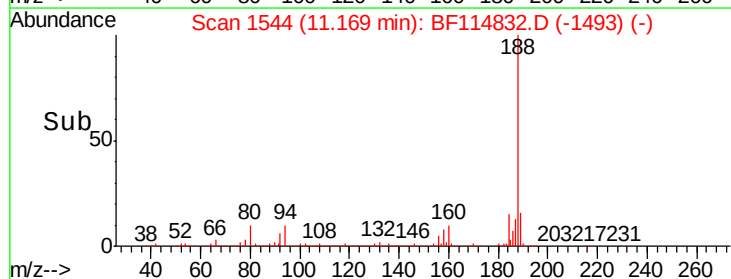
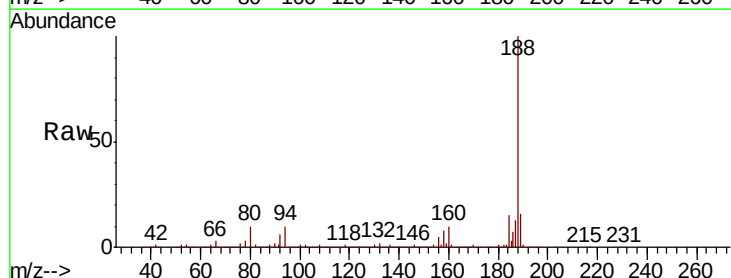
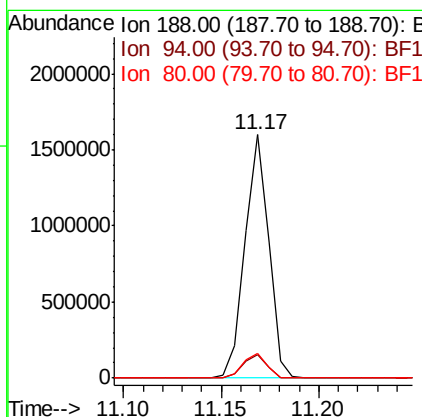
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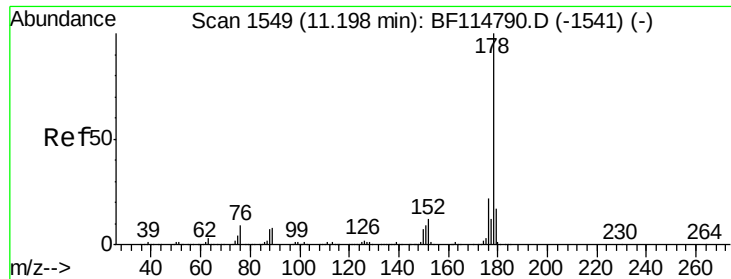
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1350860		
94	9.9		7.6	11.4
80	10.1		8.3	12.5





#71

Phenanthrene

Concen: 7.005 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF114832.D

Acq: 5 Jun 2019 21:41

Instrument :

BNA_F

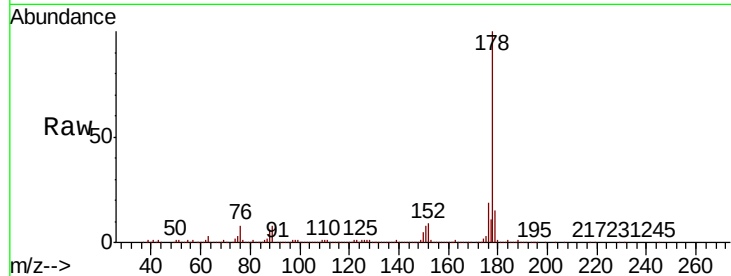
ClientSampleId :

SP-COMP-2

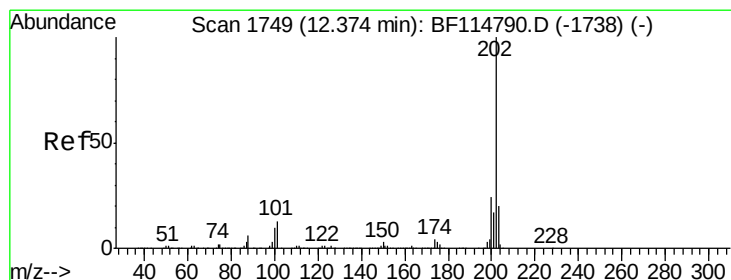
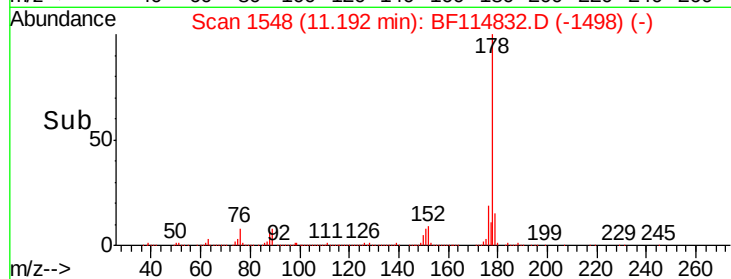
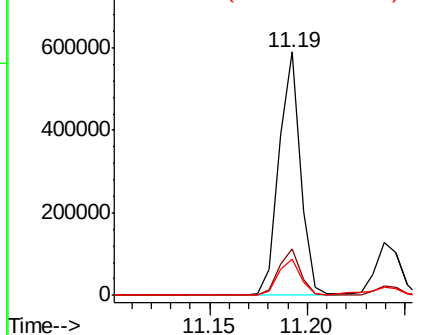
Tot Ion:	178	Resp:	451736
Ion Ratio	Lower	Upper	
178	100		
176	18.9	17.7	26.5
179	15.0	13.7	20.5

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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



#75

Fluoranthene

Concen: 10.032 ng

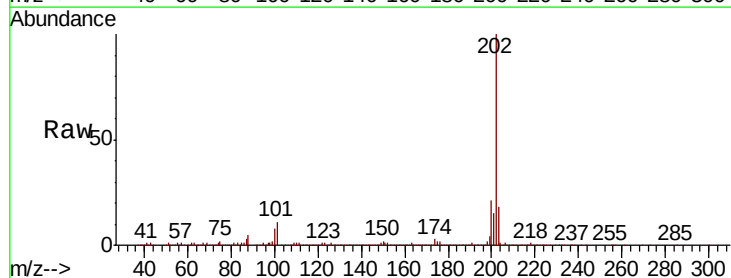
RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

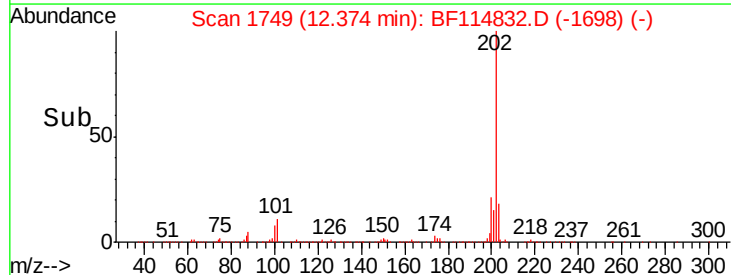
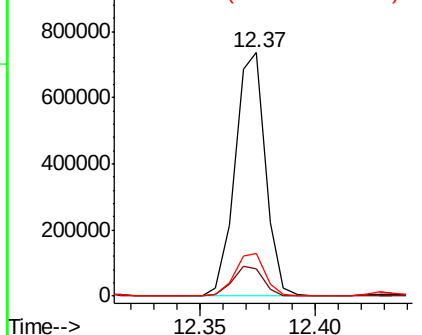
Lab File: BF114832.D

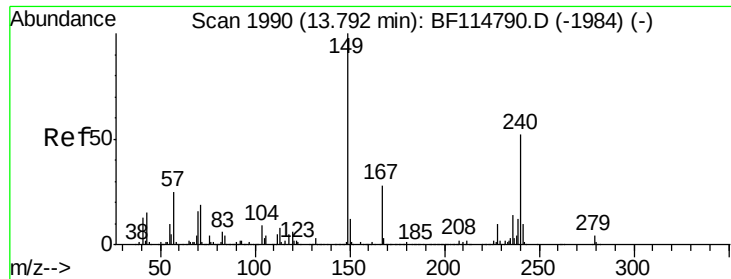
Acq: 5 Jun 2019 21:41

Tgt Ion:	202	Resp:	673380
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.8
203	17.8	0.2	40.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





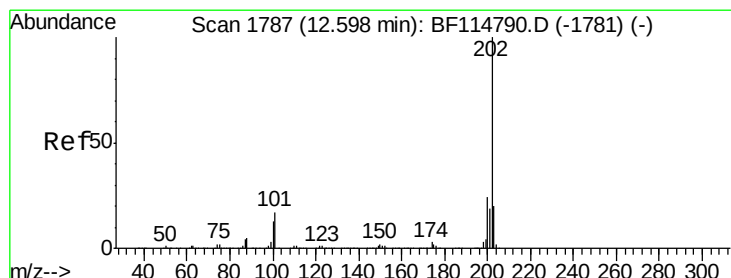
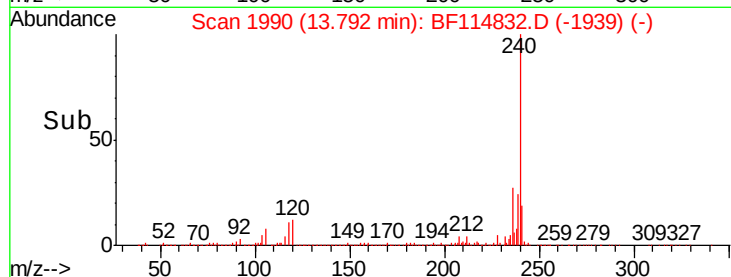
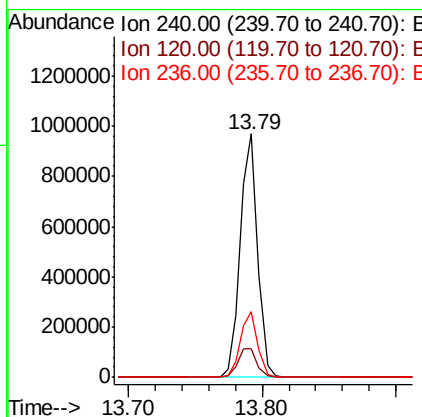
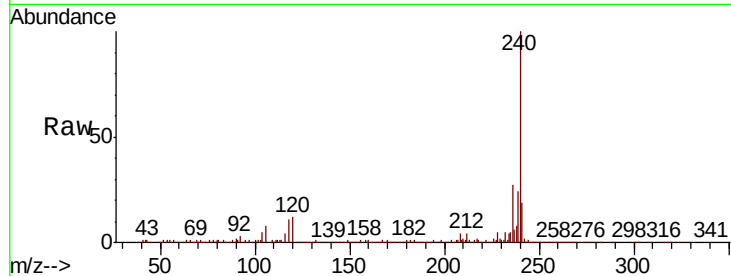
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	27.0	21.4	32.0

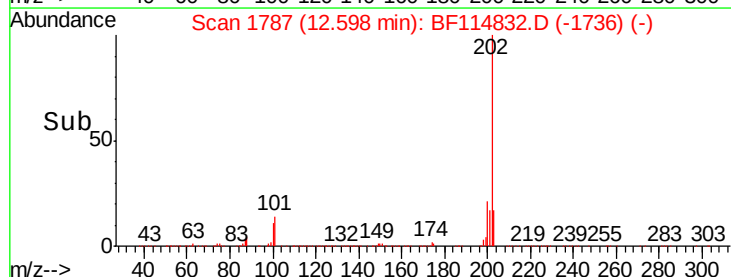
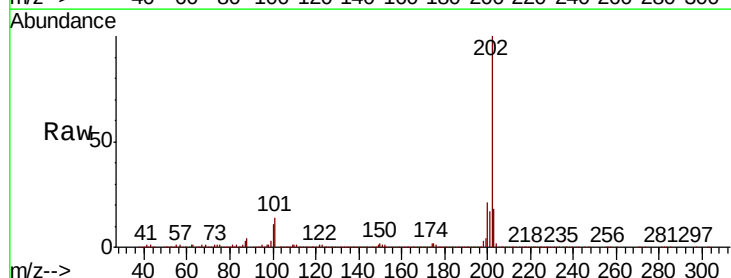
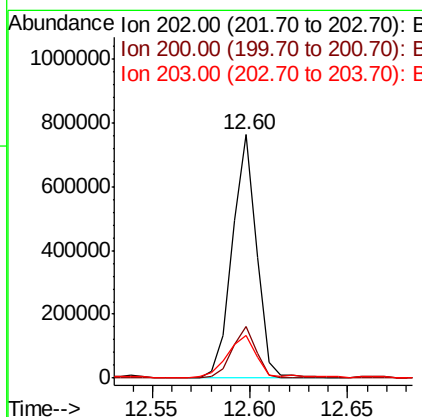
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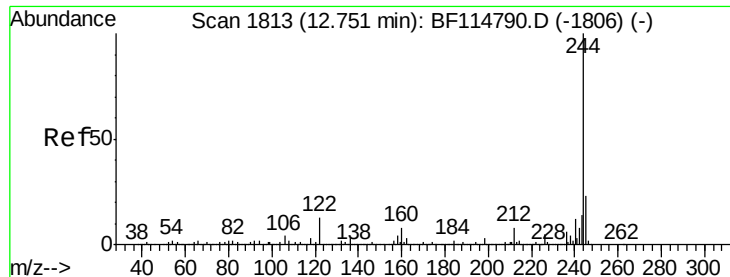
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6/6/2019 4:50:23 PM



#78
Pyrene
Concen: 8.590 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.2	28.8
203	17.7	15.9	23.9





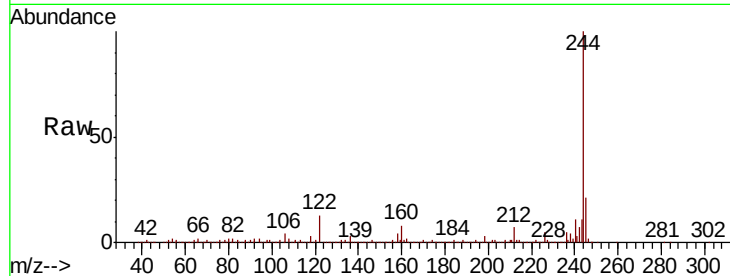
#79
 Terphenyl-d14
 Concen: 60.835 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114832.D
 Acq: 5 Jun 2019 21:41

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-2

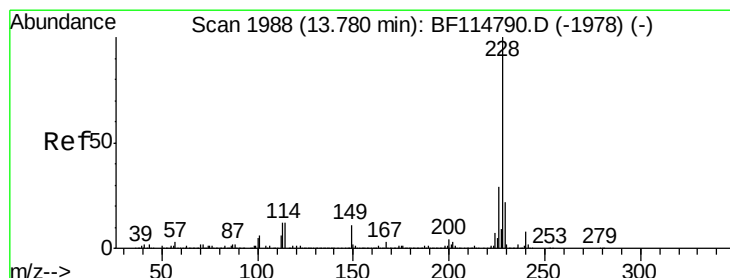
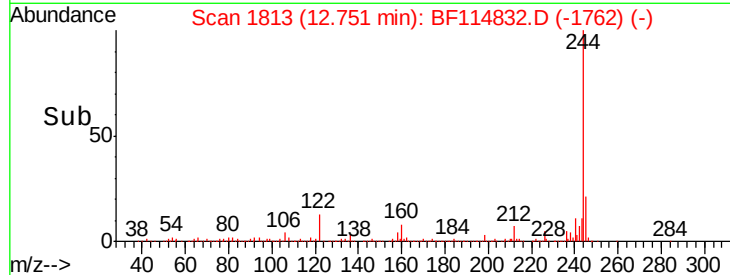
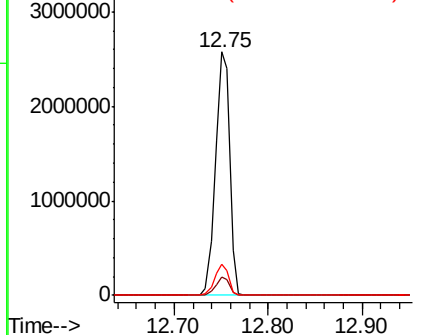
Tot Ion:244 Resp: 2750939
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 12.7 10.5 15.7

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 6/6/2019 4:50:23 PM

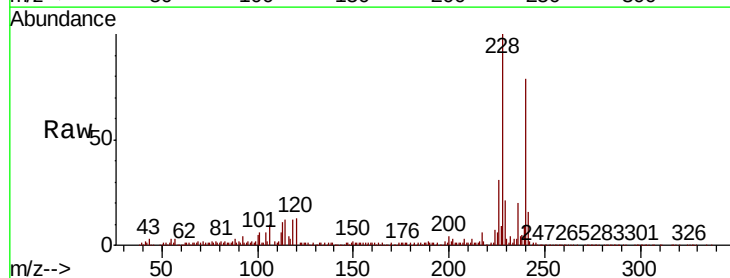


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

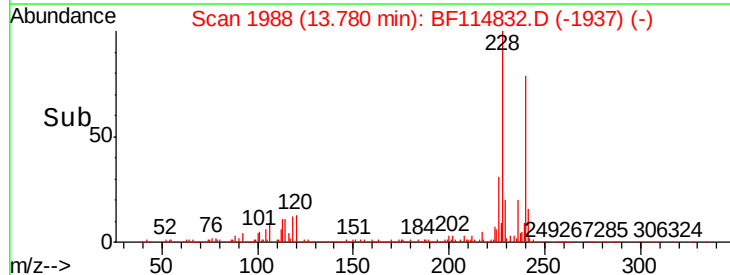
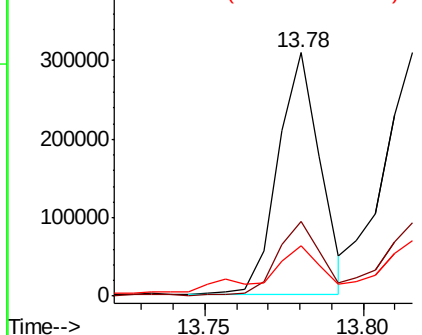


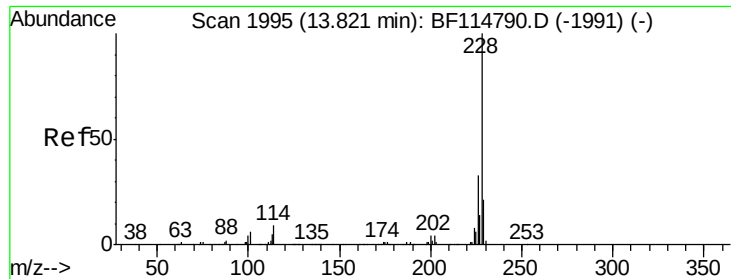
#81
 Benzo(a)anthracene
 Concen: 4.220 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BF114832.D
 Acq: 5 Jun 2019 21:41

Tgt Ion:228 Resp: 285953
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.4 35.2
 229 20.9 17.4 26.0



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





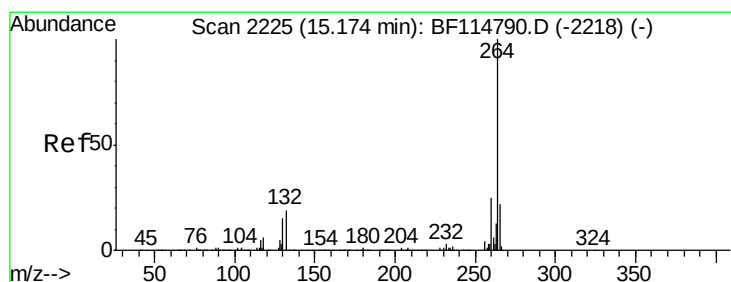
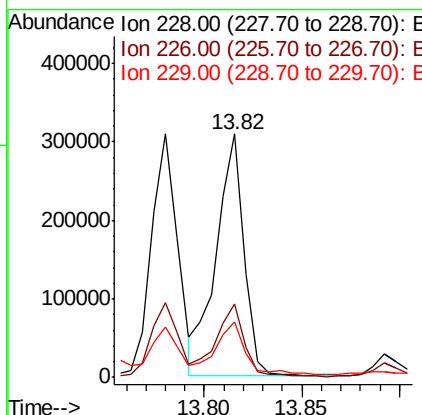
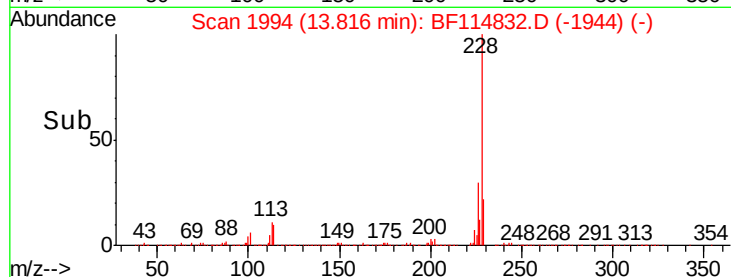
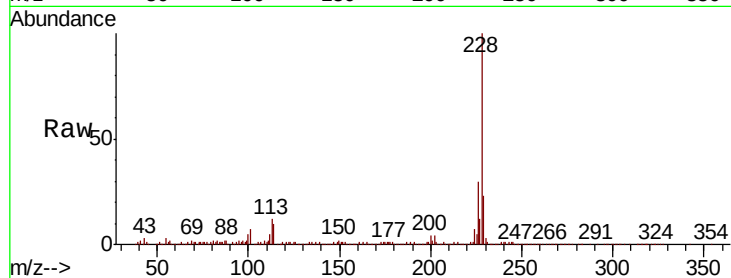
#83
Chrysene
Concen: 4.612 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion:	228	Resp:	304041
Ion Ratio	Lower	Upper	
228	100		
226	30.2	26.0	39.0
229	23.0	17.1	25.7

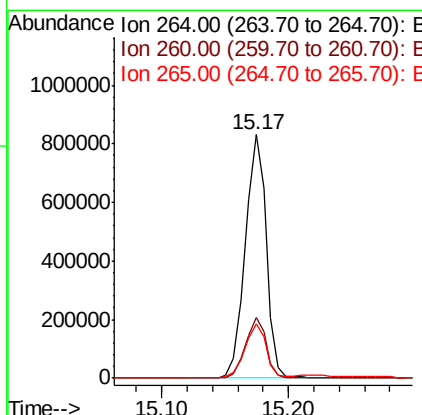
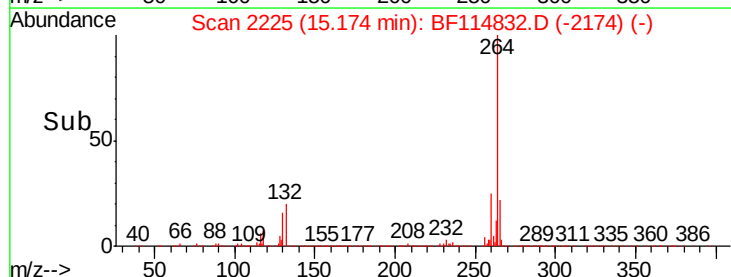
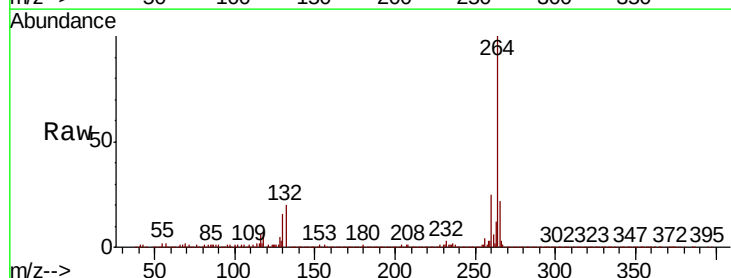
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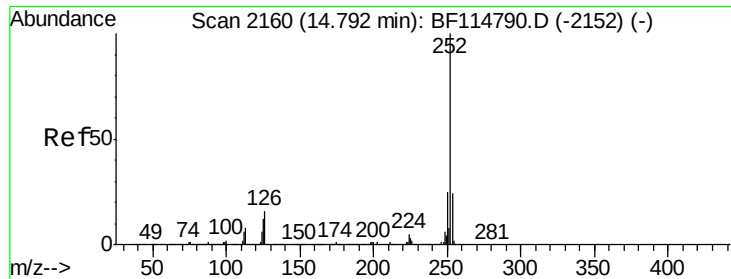
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6/6/2019 4:50:23 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion:	264	Resp:	951650
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.1	30.1
265	22.3	17.7	26.5





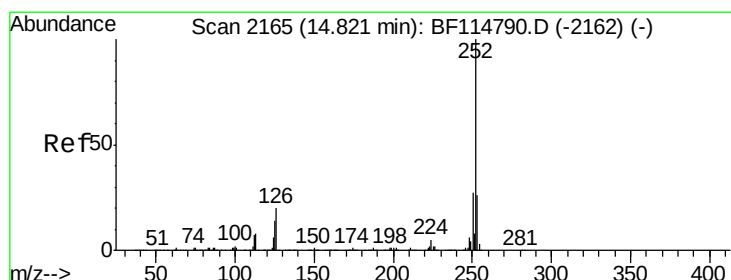
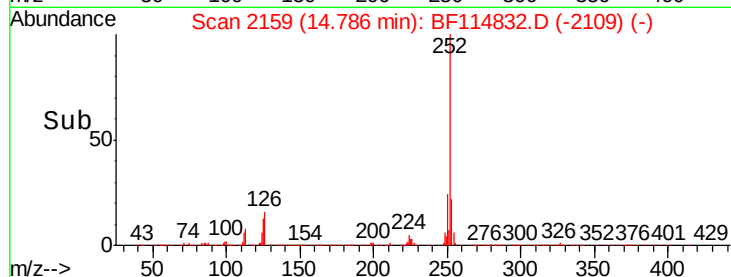
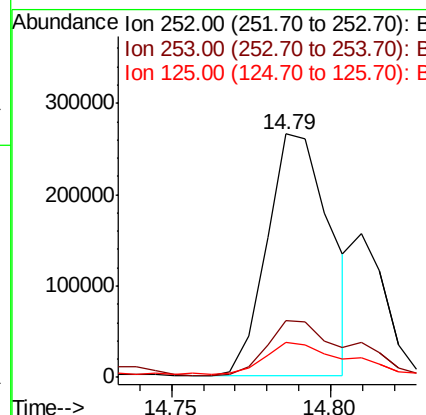
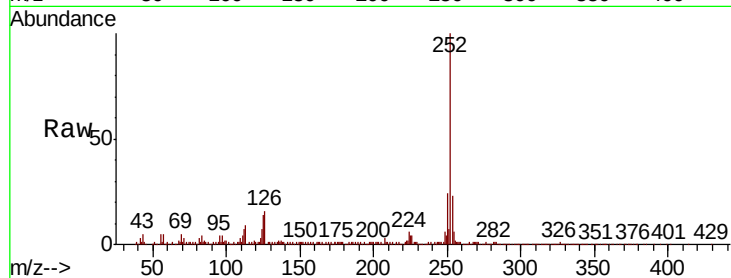
#88
Benzo(b)fluoranthene
Concen: 6.056 ng m
RT: 14.79 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	14.5	9.4	14.0

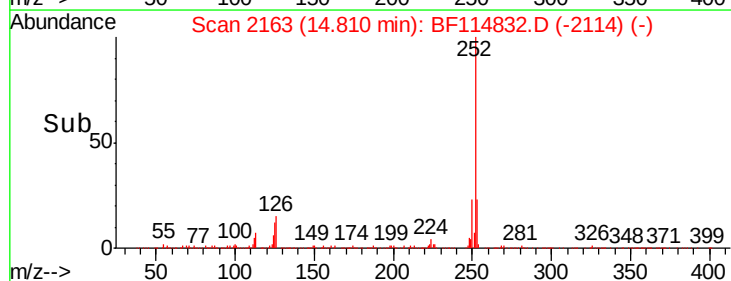
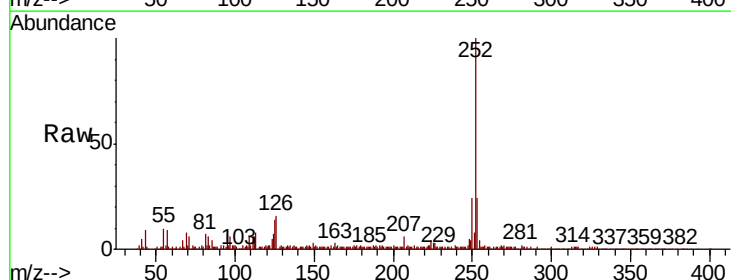
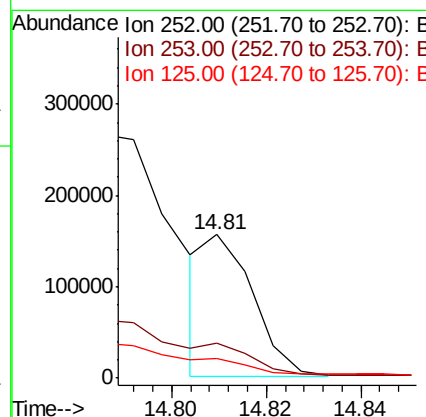
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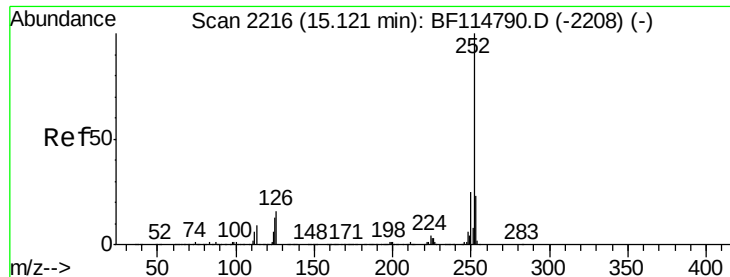
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6/6/2019 4:50:23 PM



#89
Benzo(k)fluoranthene
Concen: 2.136 ng m
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.3	28.9
125	13.7	10.1	15.1





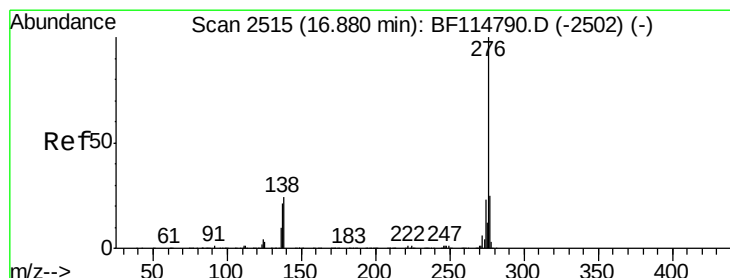
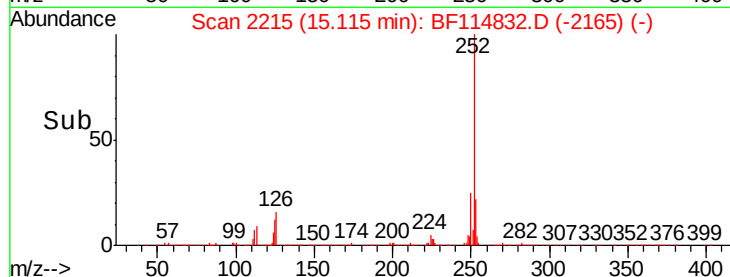
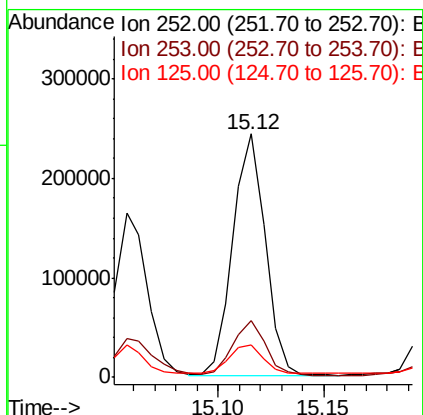
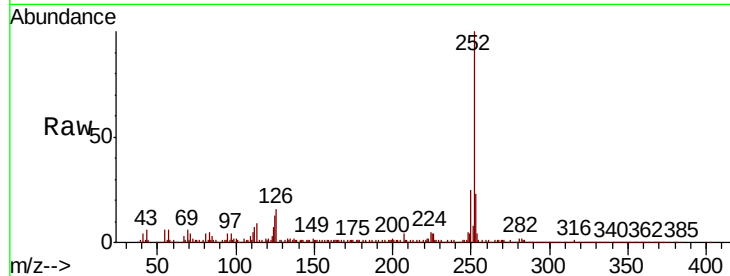
#90
Benzo(a)pyrene
Concen: 4.959 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Instrument :
BNA_F
ClientSampleId :
SP-COMP-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.5	27.7
125	13.1	10.1	15.1

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6/6/2019 4:50:23 PM



#92
Benzo(g,h,i)perylene
Concen: 2.283 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114832.D
Acq: 5 Jun 2019 21:41

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.5	19.8	29.6
138	25.9	19.4	29.2

