

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114831.D
 Acq On : 5 Jun 2019 21:14
 Operator : HP/JU
 Sample : K3183-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

Manual Integrations
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Quant Time: Jun 06 07:13:10 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	331022	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1297117	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	673918	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1336600	20.00	ng	0.00
76) Chrysene-d12	13.79	240	897514	20.00	ng	0.00
87) Perylene-d12	15.18	264	975737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1854561	97.90	ng	0.00
7) Phenol-d6	6.30	99	2313853	100.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	1412258	67.02	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	730787	100.62	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2629952	73.10	ng	0.00
79) Terphenyl-d14	12.76	244	2945172	63.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	548805	11.150	ng	98
71) Phenanthrene	11.19	178	787882	12.348	ng	97
72) Anthracene	11.24	178	174274	2.595	ng	95
75) Fluoranthene	12.37	202	1137311	17.125	ng	96
78) Pyrene	12.60	202	1043295	13.400	ng	96
81) Benzo(a)anthracene	13.78	228	522064	7.548	ng	98
83) Chrysene	13.82	228	486798	7.235	ng	96
86) Indeno(1,2,3-cd)pyrene	16.49	276	234569	3.056	ng	98
88) Benzo(b)fluoranthene	14.79	252	600923m	9.674	ng	
89) Benzo(k)fluoranthene	14.82	252	180904m	3.429	ng	
90) Benzo(a)pyrene	15.12	252	433068	8.055	ng	100
92) Benzo(a,h,i)perylene	16.87	276	203248	3.970	ng	98

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

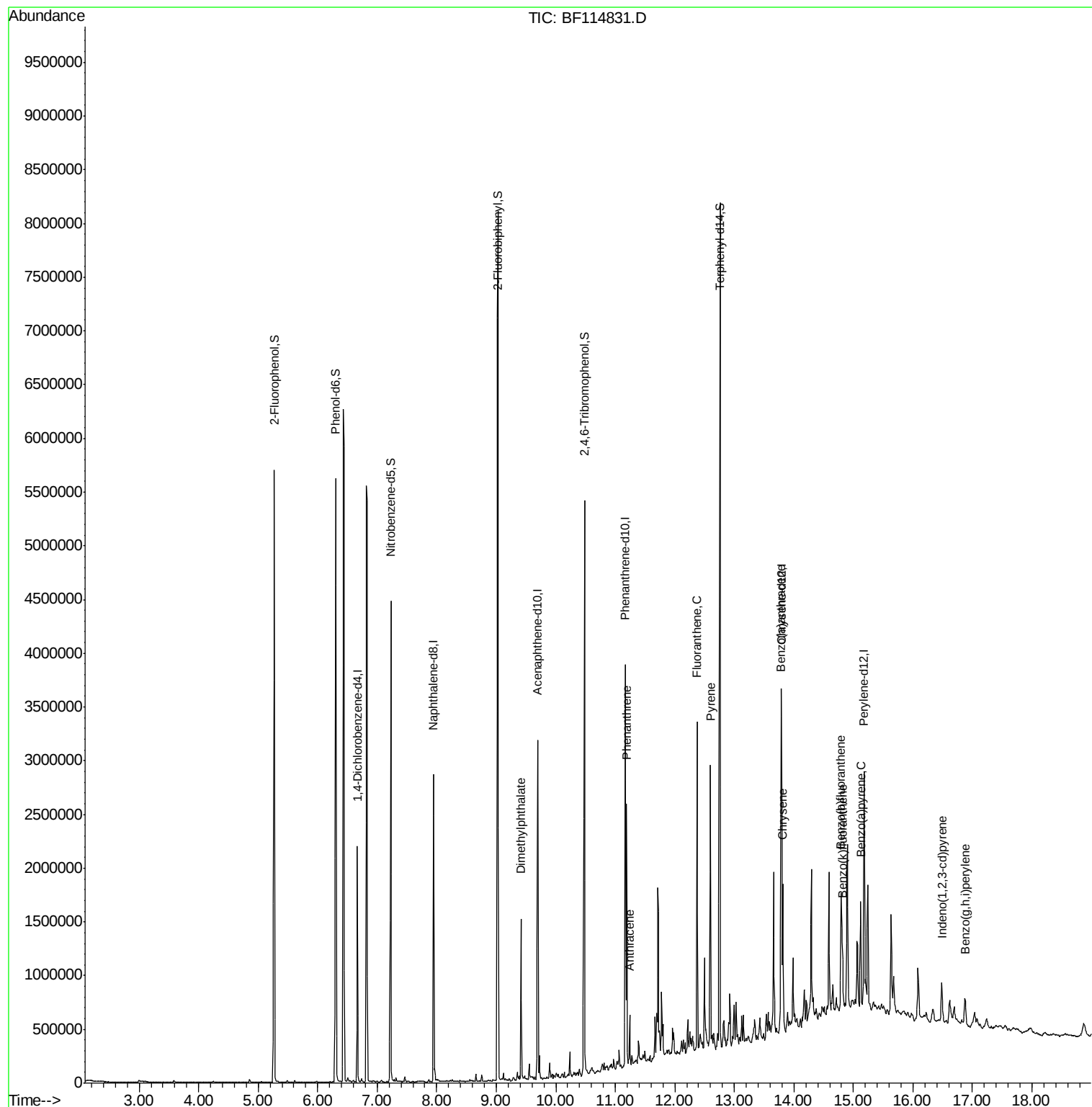
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114831.D
Acq On : 5 Jun 2019 21:14
Operator : HP/JU
Sample : K3183-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

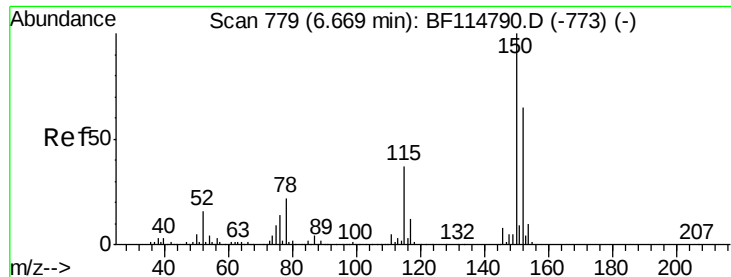
Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Quant Time: Jun 06 07:13:10 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
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#1

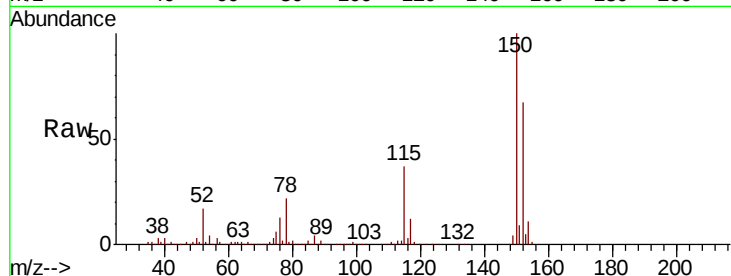
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	124.0	186.0
115	55.4	46.3	69.5

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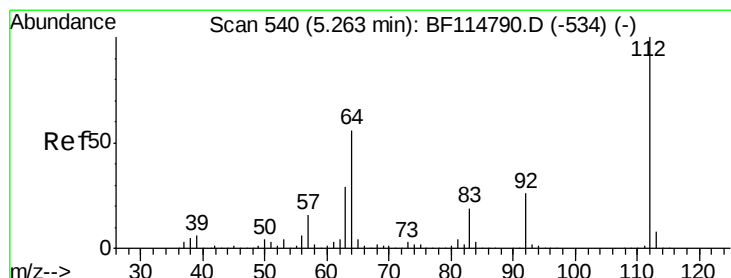
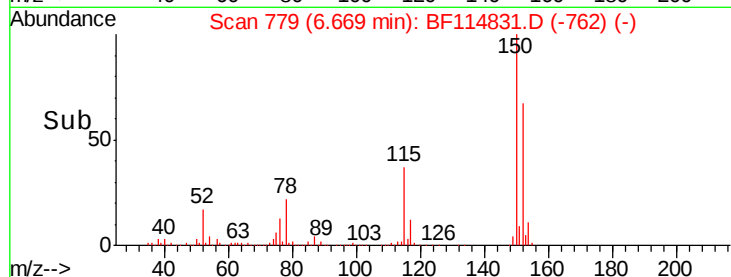
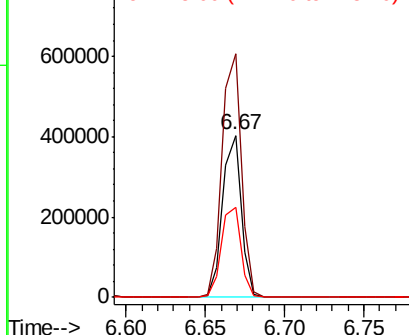


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

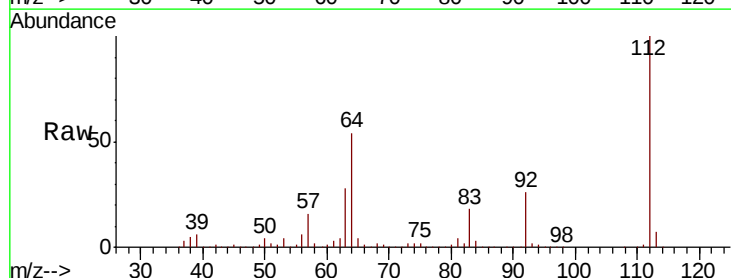
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.896 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.6	66.8
63	27.8	23.0	34.4

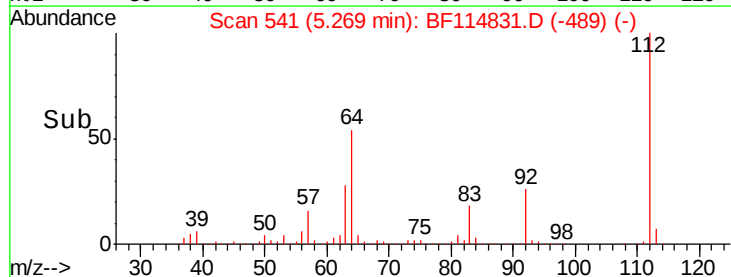
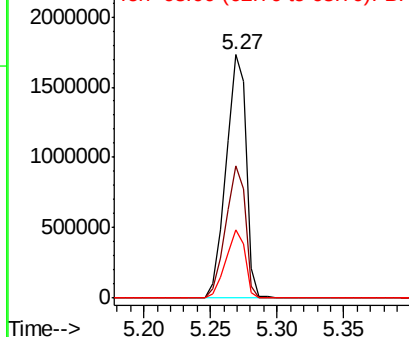


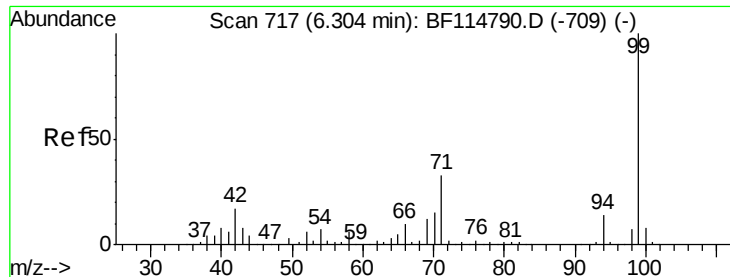
Abundance

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: 100.378 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114831.D

Acq: 5 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

Tot Ion: 99 Resp: 2313853

Ion Ratio Lower Upper

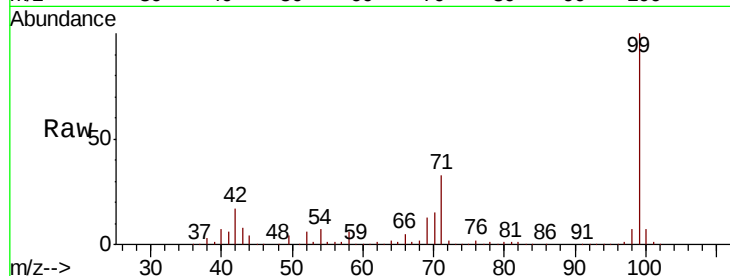
99 100

42 17.4 13.3 19.9

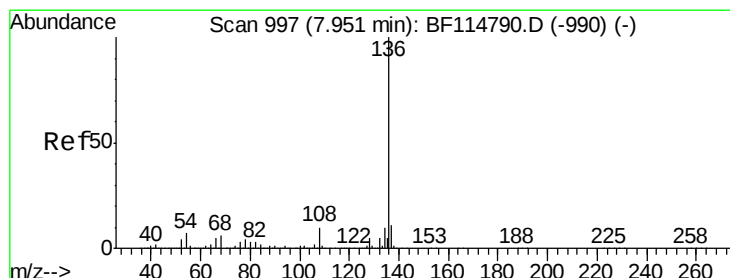
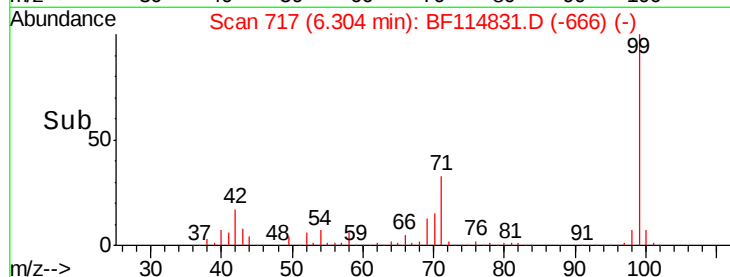
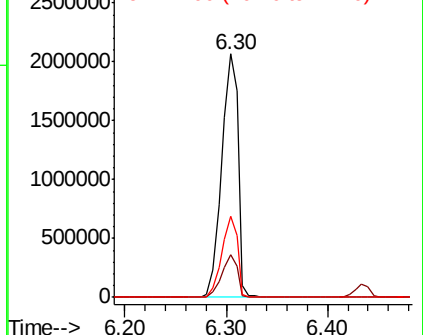
71 33.4 26.3 39.5

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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: BF114831.D

Acq: 5 Jun 2019 21:14

Tgt Ion:136 Resp: 1297117

Ion Ratio Lower Upper

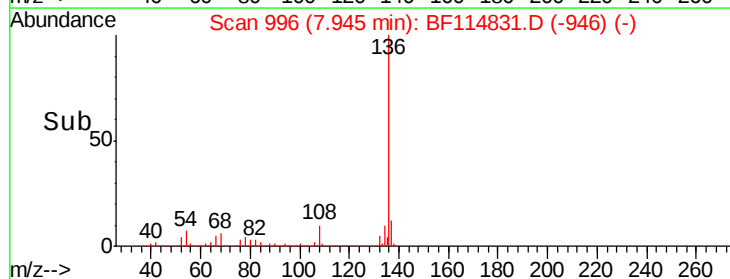
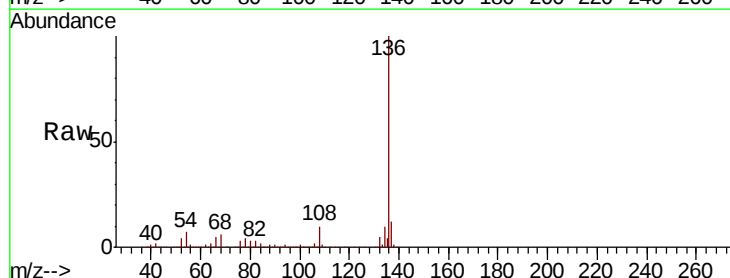
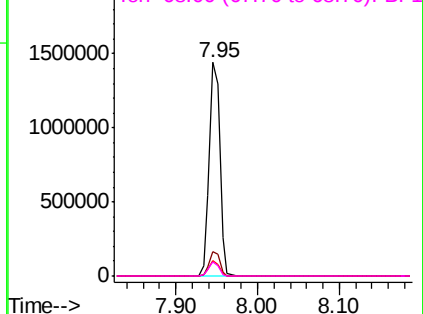
136 100

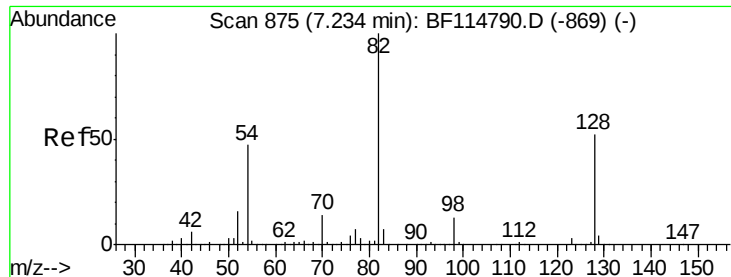
137 11.5 9.1 13.7

54 7.3 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: 67.023 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114831.D

Acq: 5 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1

Tot Ion: 82 Resp: 1412258

Ion Ratio Lower Upper

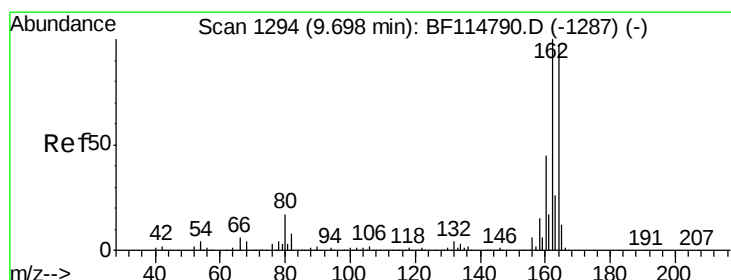
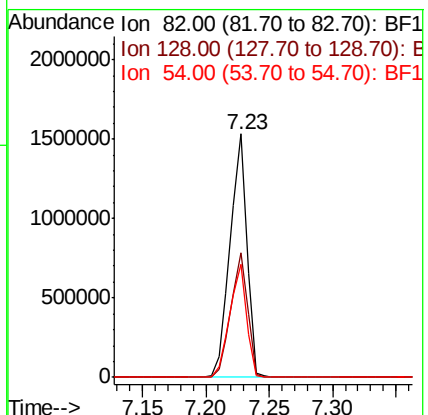
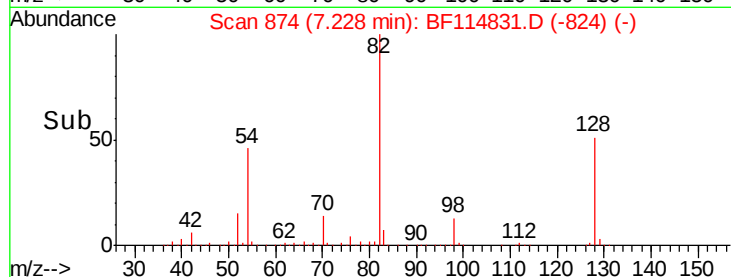
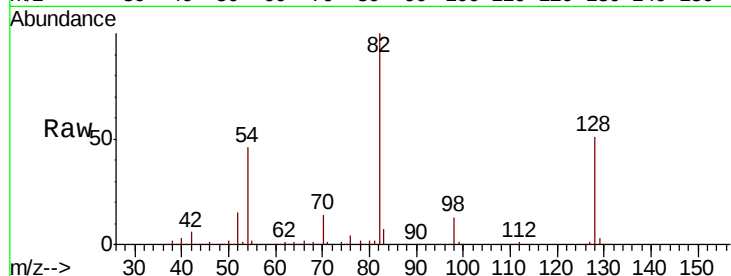
82 100

128 51.3 41.8 62.6

54 46.3 37.9 56.9

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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: BF114831.D

Acq: 5 Jun 2019 21:14

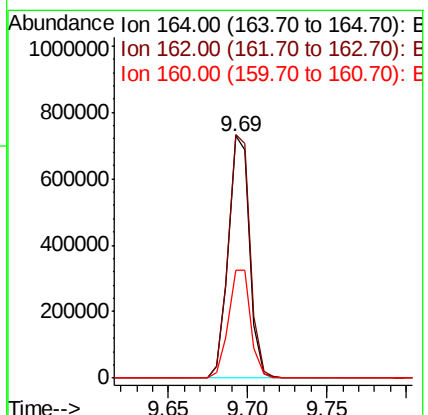
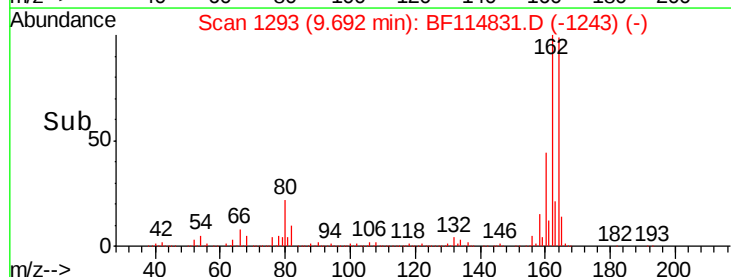
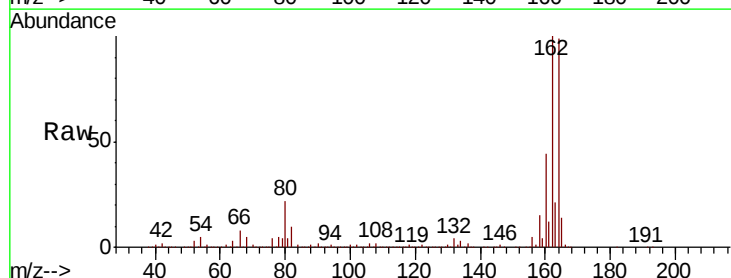
Tgt Ion:164 Resp: 673918

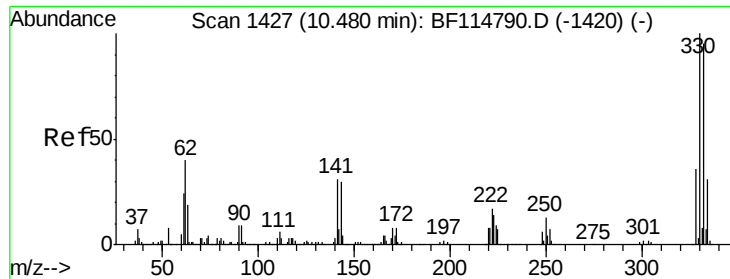
Ion Ratio Lower Upper

164 100

162 100.6 82.3 123.5

160 44.7 36.7 55.1





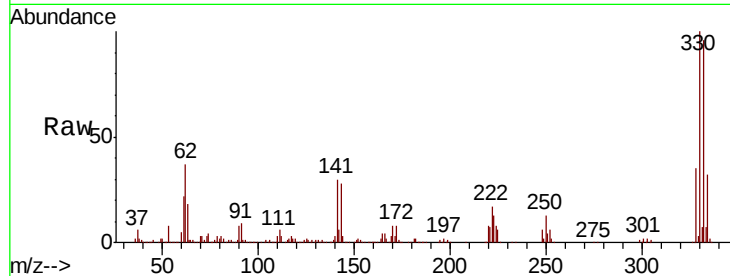
#42
 2,4,6-Tribromophenol
 Concen: 100.624 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114831.D
 Acq: 5 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	32.3	26.2	39.4

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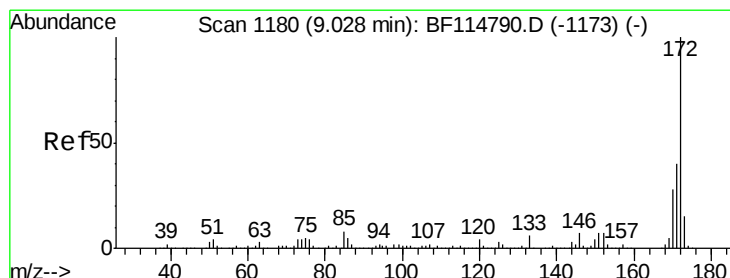
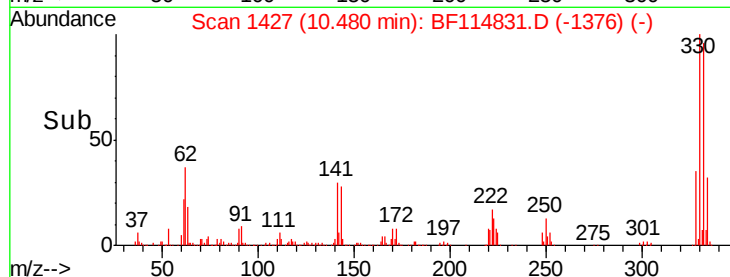
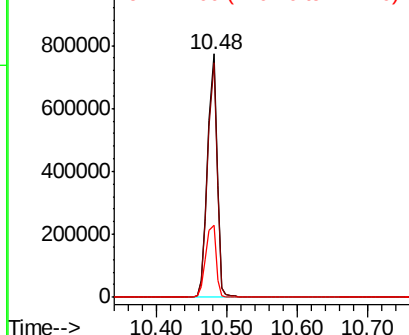


Abundance

Ion 329.80 (329.50 to 330.50): E

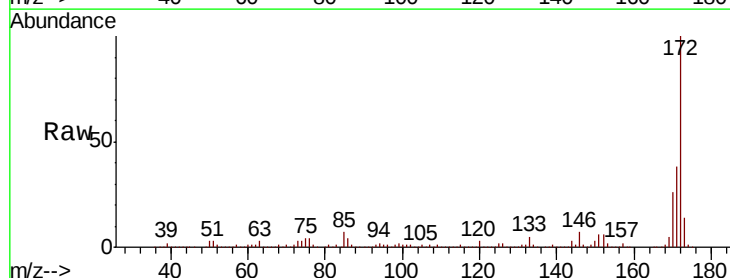
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.104 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114831.D
 Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.3	48.5
170	26.2	22.4	33.6

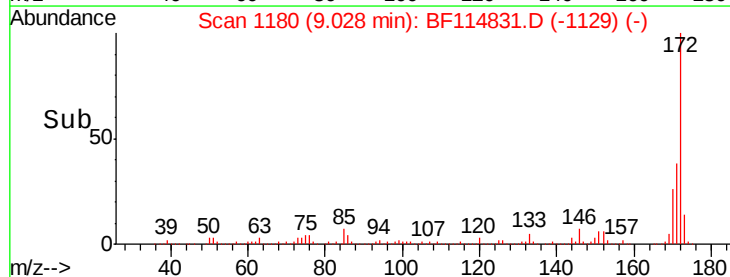
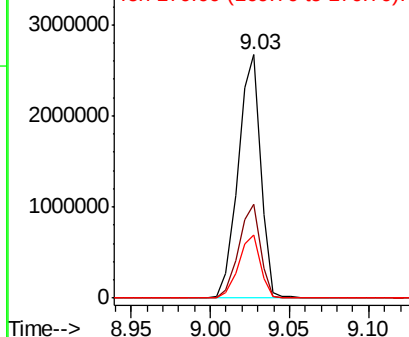


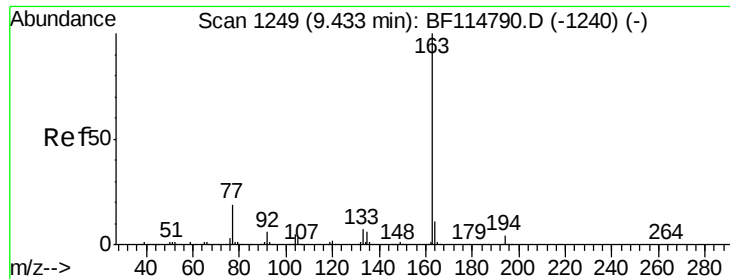
Abundance

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





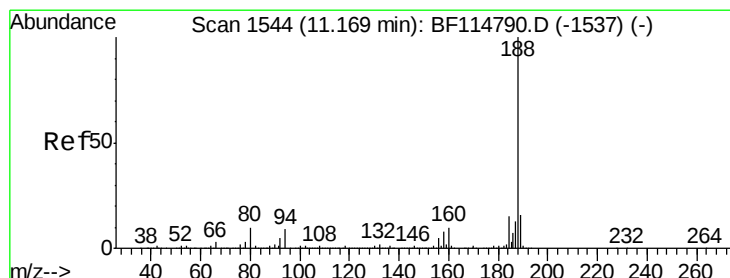
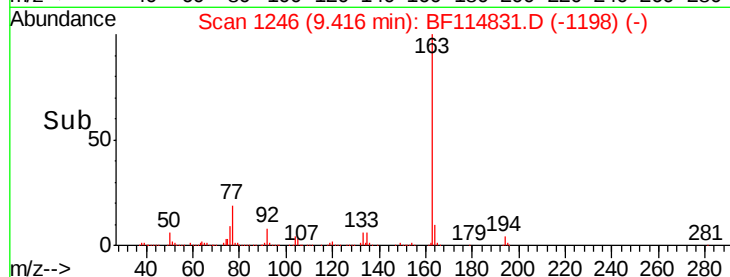
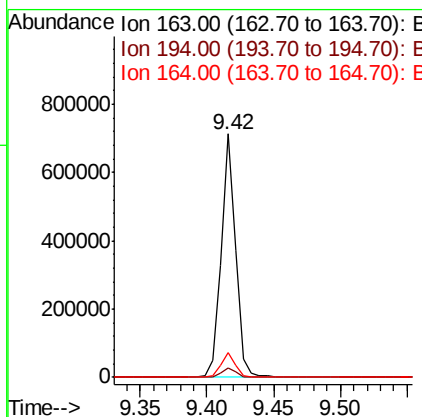
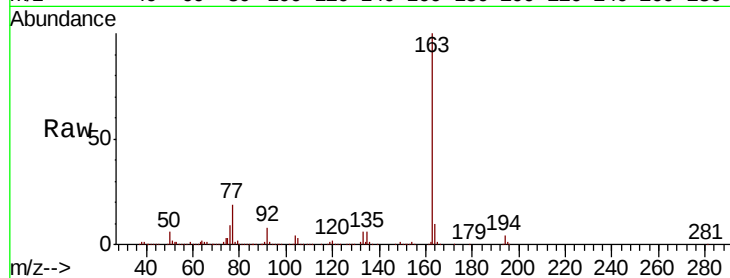
#50
Dimethylphthalate
Concen: 11.150 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	548805		
194	3.7		3.4	5.2
164	10.2		8.6	13.0

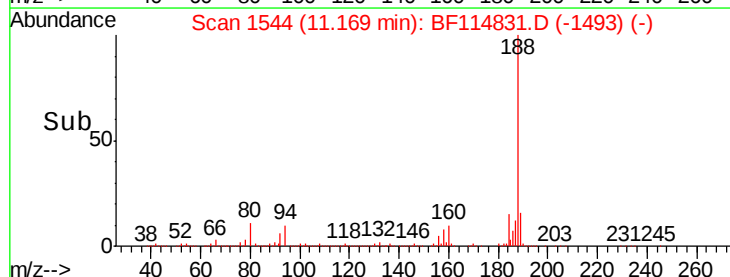
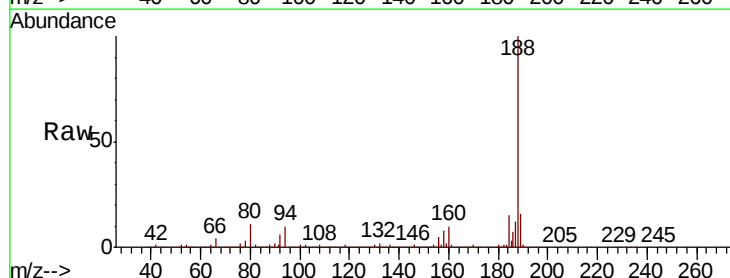
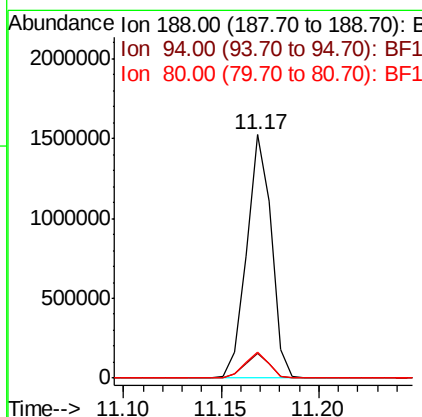
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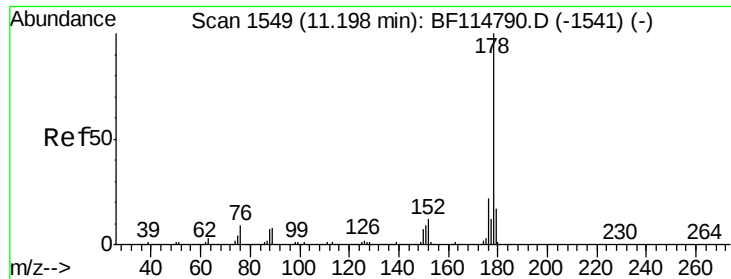
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1336600		
94	10.3		7.6	11.4
80	10.9		8.3	12.5





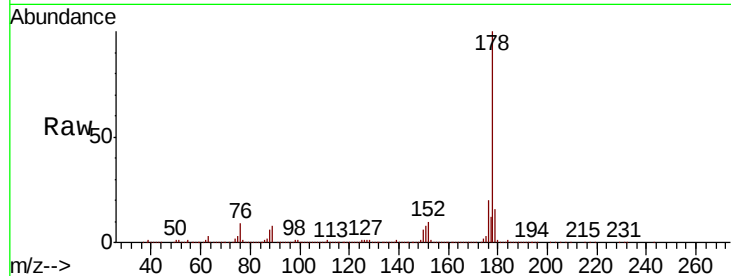
#71
Phenanthrene
Concen: 12.348 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.7	26.5
179	15.8	13.7	20.5

Manual Integrations
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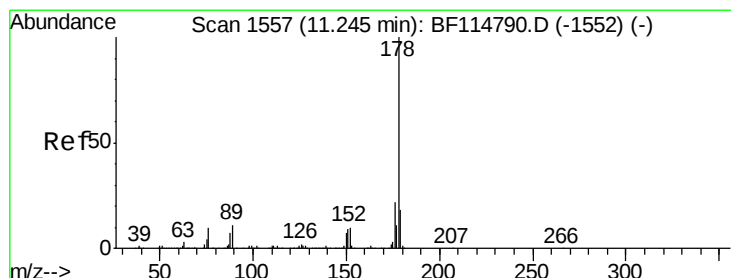
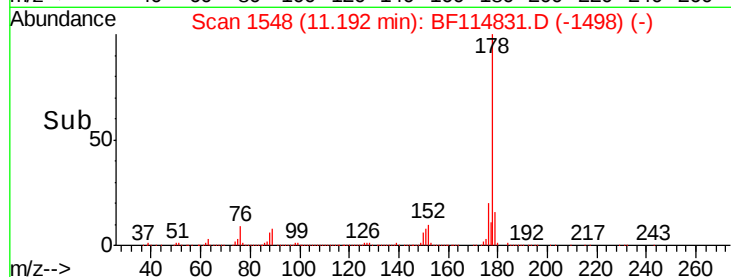
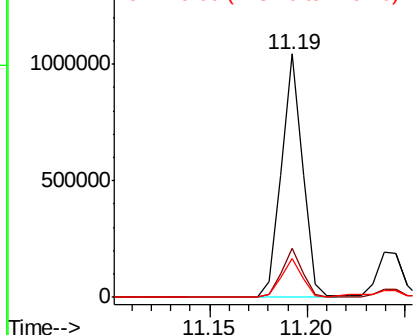


Abundance

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



#72
Anthracene
Concen: 2.595 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

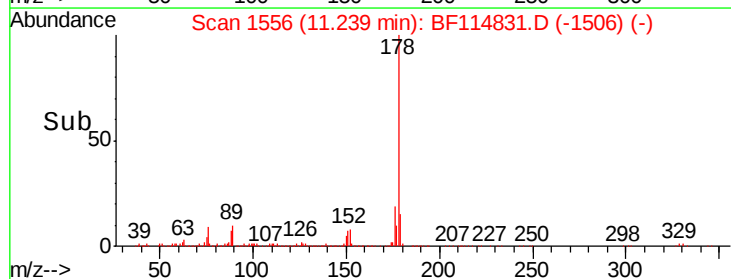
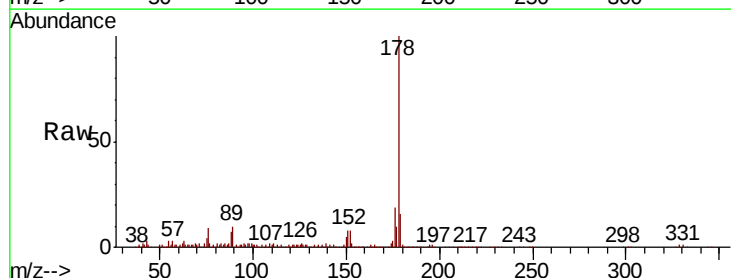
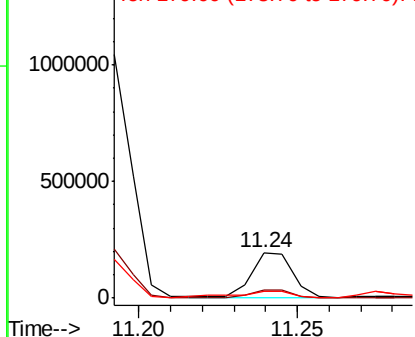
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.4	26.0
179	15.8	14.2	21.4

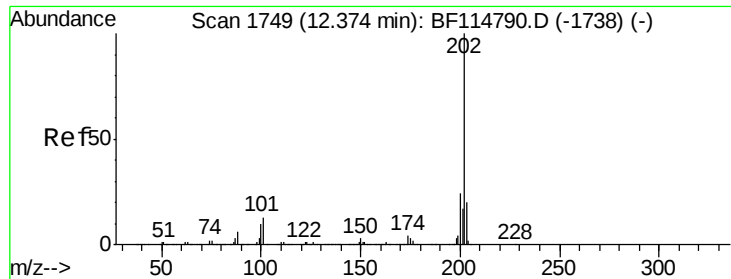
Abundance

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





#75

Fluoranthene

Concen: 17.125 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114831.D

Acq: 5 Jun 2019 21:14

Instrument :

BNA_F

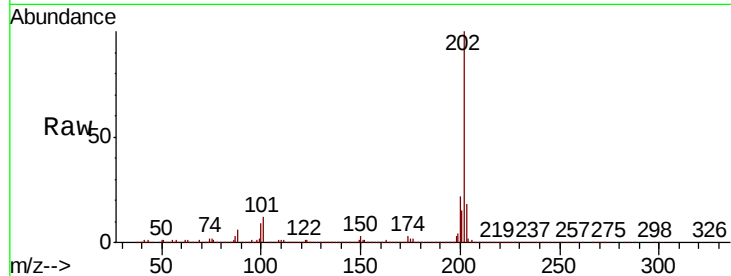
ClientSampleId :

SP-COMP-1

Tot Ion:	202	Resp:	1137311
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.8
203	17.9	0.2	40.2

Manual Integrations
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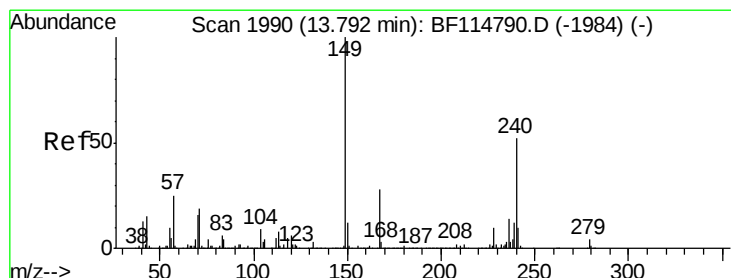
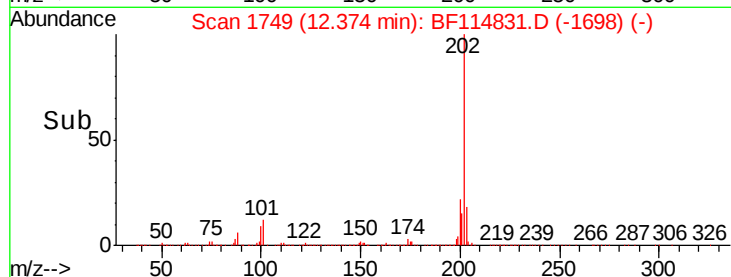
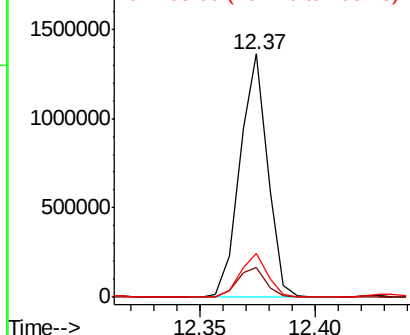


Abundance

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

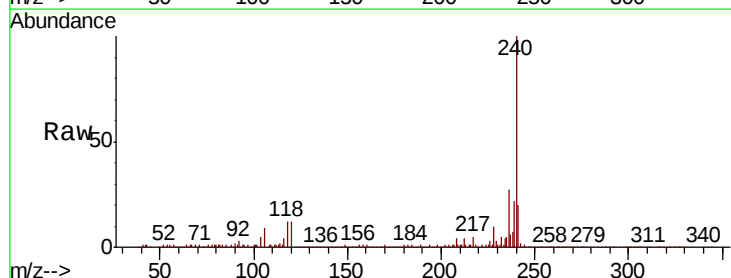
RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114831.D

Acq: 5 Jun 2019 21:14

Tgt Ion:	240	Resp:	897514
Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.4
236	27.4	21.4	32.0

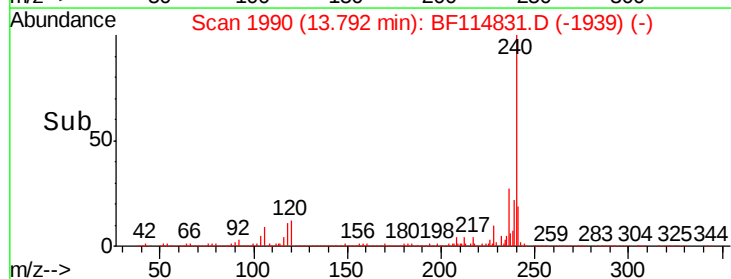
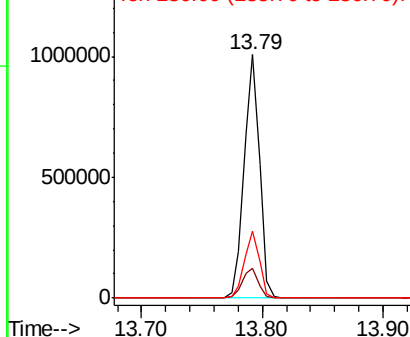


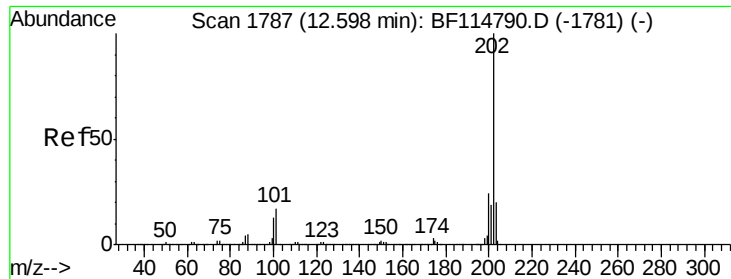
Abundance

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





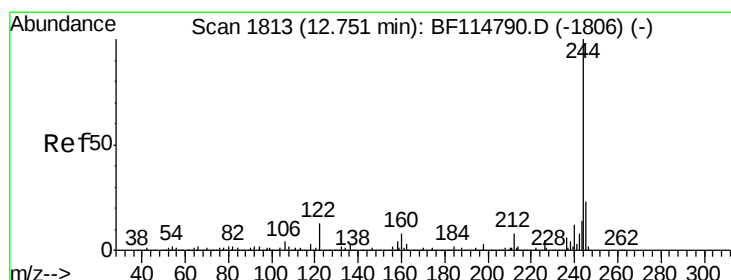
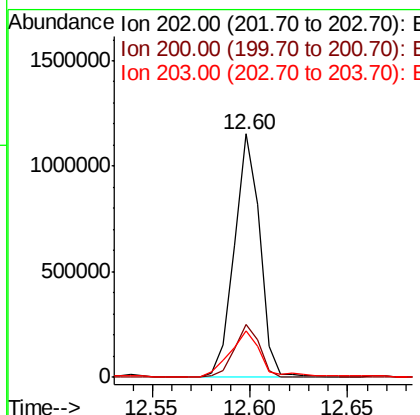
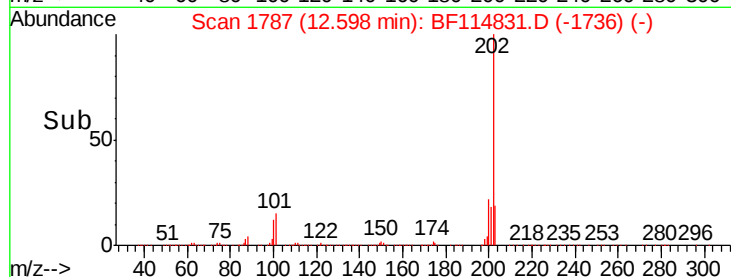
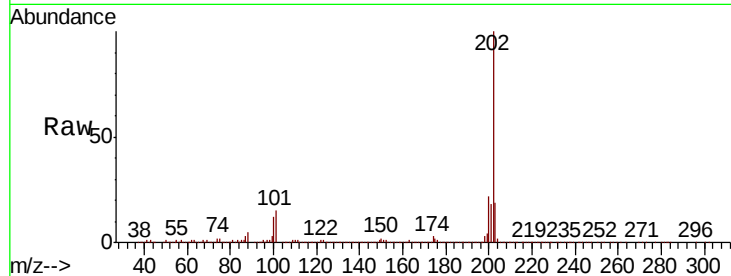
#78
Pvrene
Concen: 13.400 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.2	28.8
203	18.9	15.9	23.9

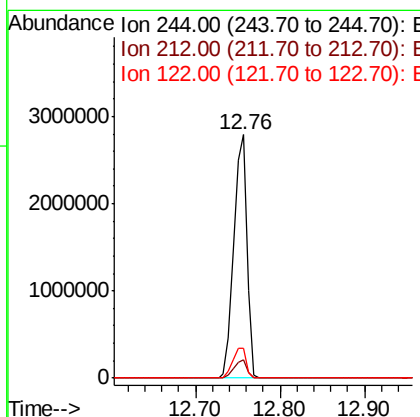
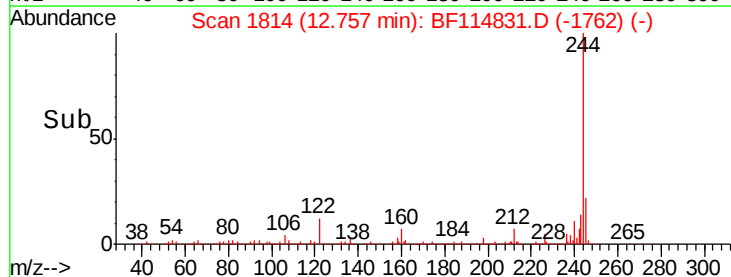
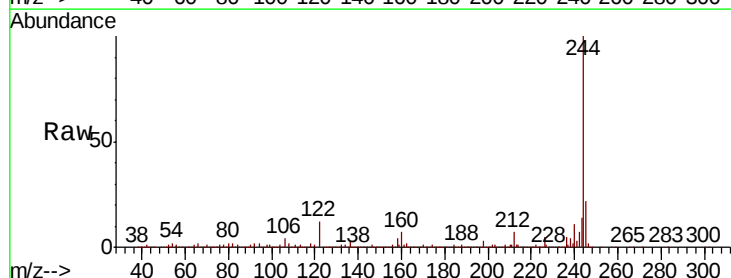
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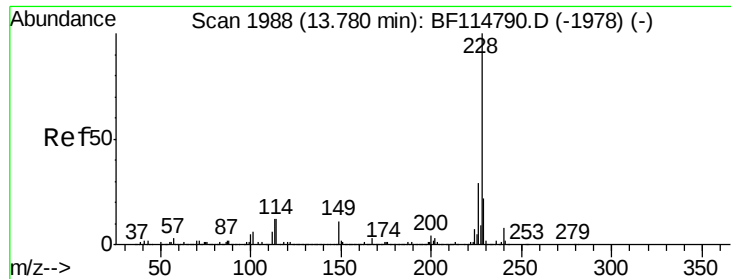
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#79
Terphenyl-d14
Concen: 63.817 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	12.3	10.5	15.7





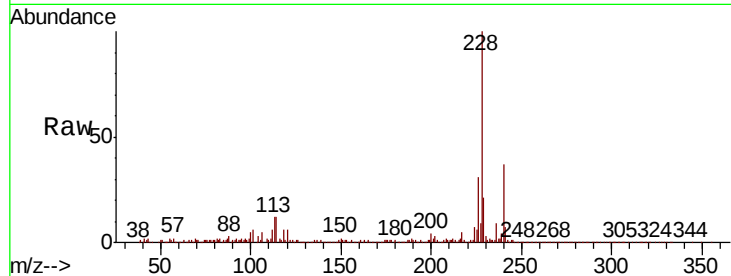
#81
Benzo(a)anthracene
Concen: 7.548 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.3	17.4	26.0

Manual Integrations
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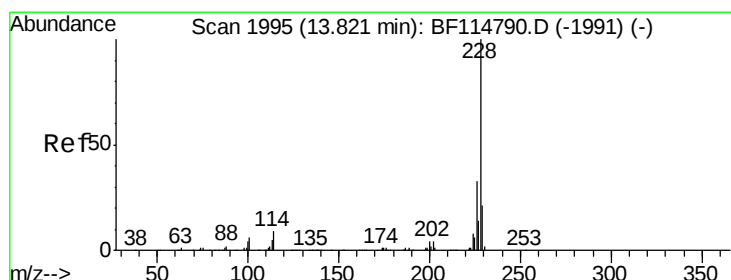
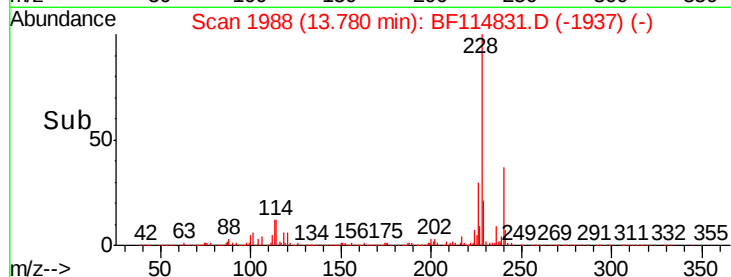
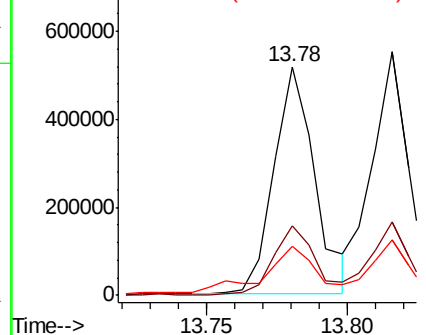


Abundance

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: 7.235 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

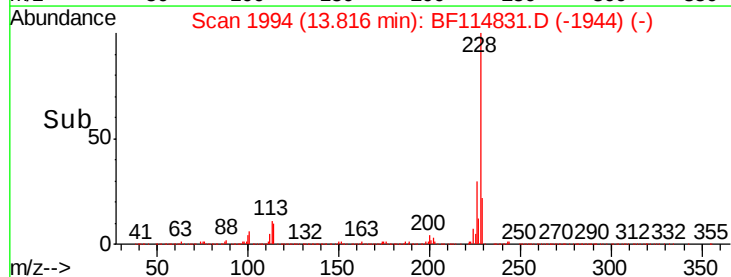
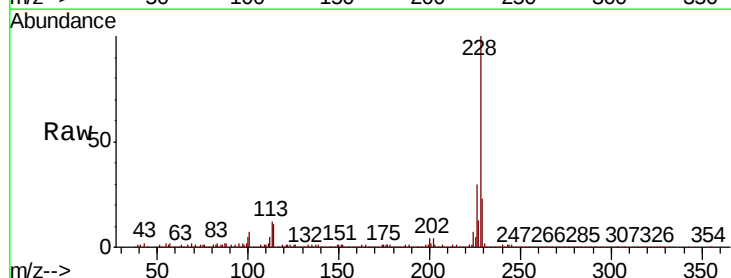
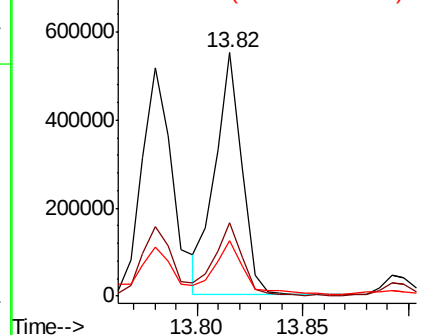
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	26.0	39.0
229	22.6	17.1	25.7

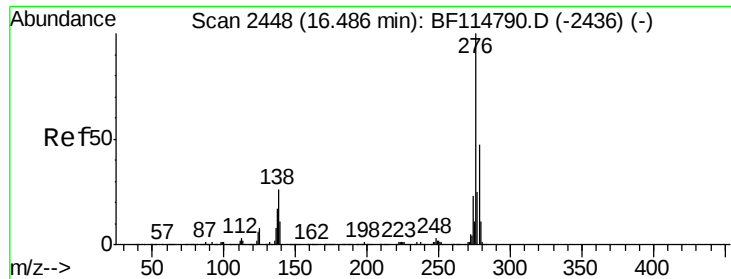
Abundance

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





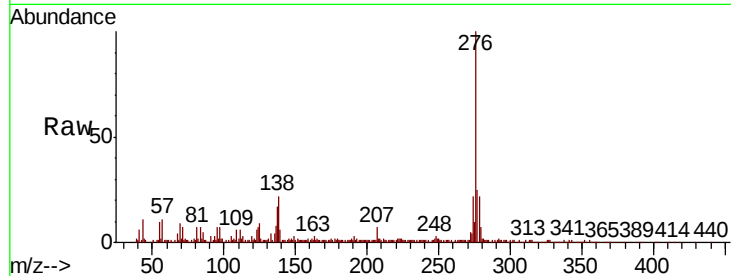
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.056 ng
 RT: 16.49 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BF114831.D
 Acq: 5 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.2	33.4
277	24.9	20.6	30.8

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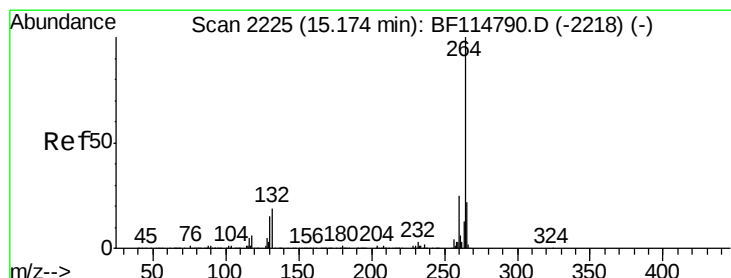
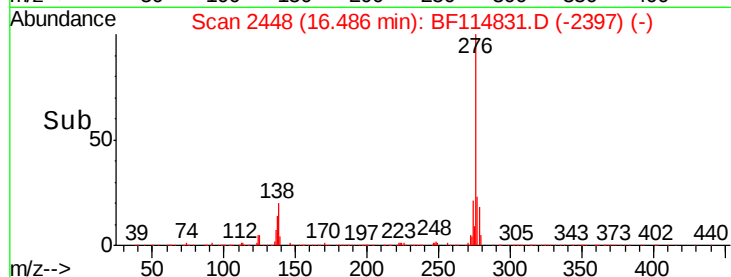
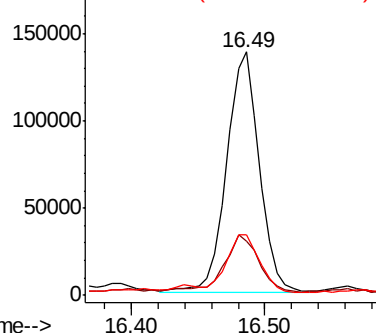


Abundance

Ion 276.00 (275.70 to 276.70): E

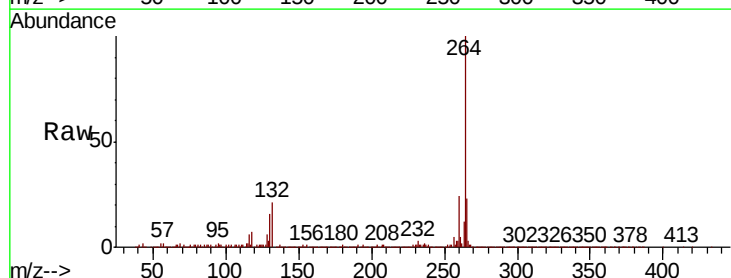
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114831.D
 Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	22.9	17.7	26.5

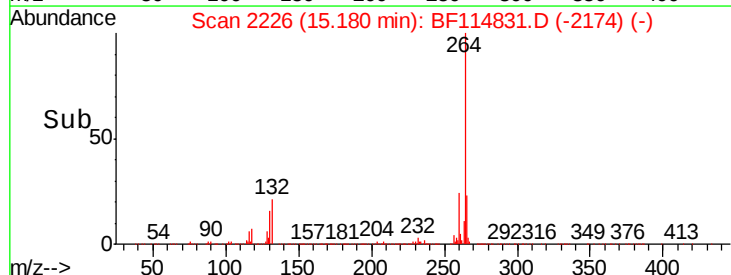
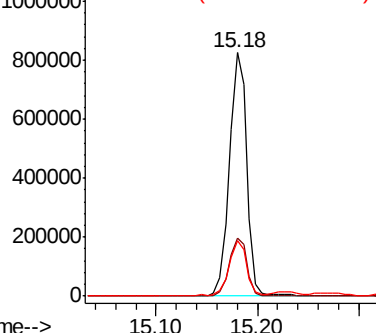


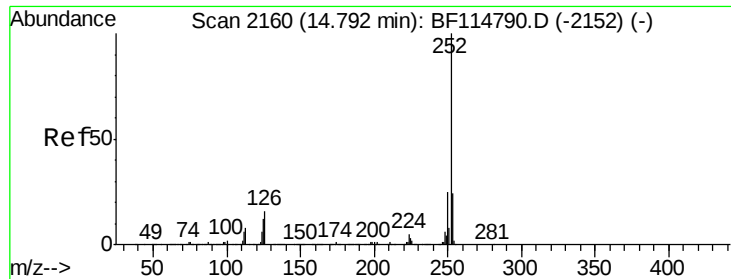
Abundance

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





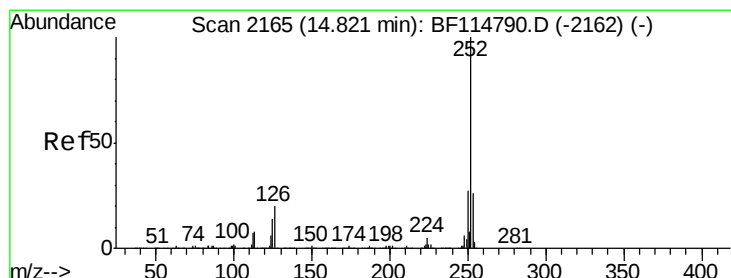
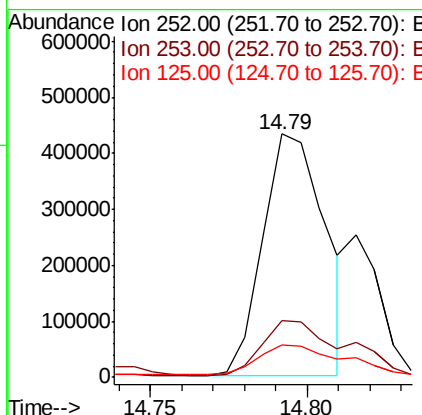
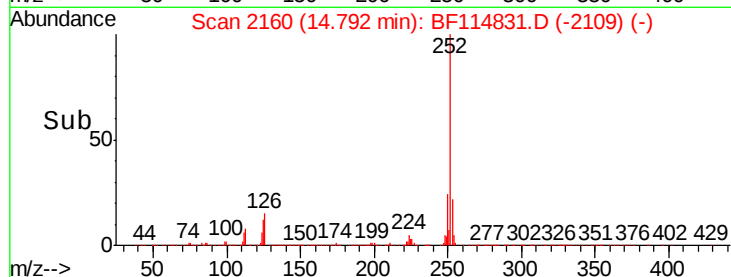
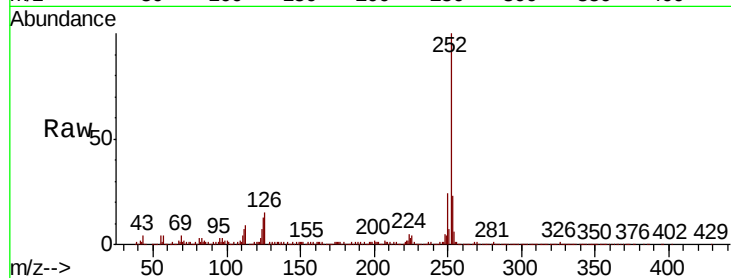
#88
Benzo(b)fluoranthene
Concen: 9.674 ng m
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	13.3	9.4	14.0

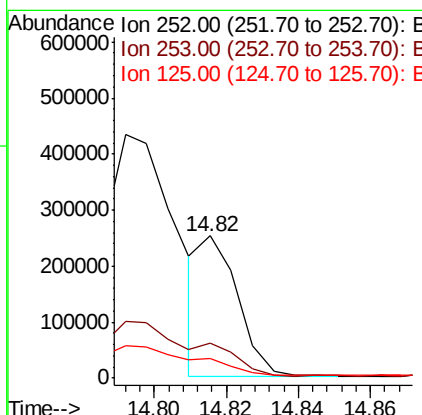
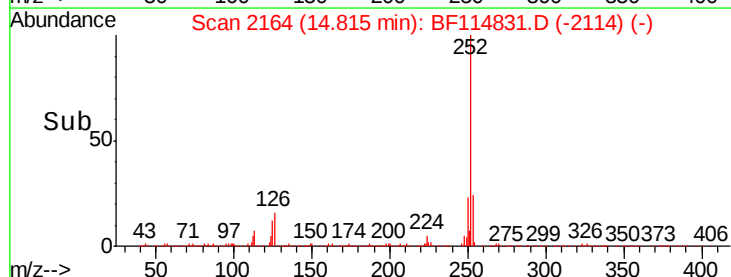
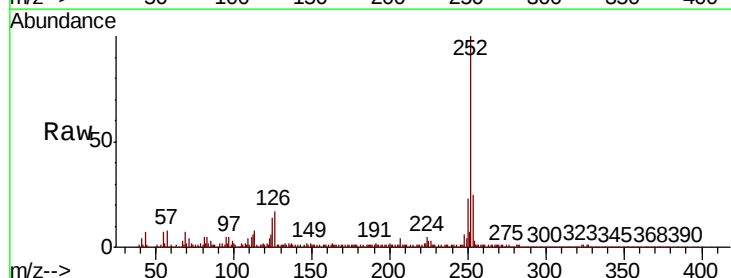
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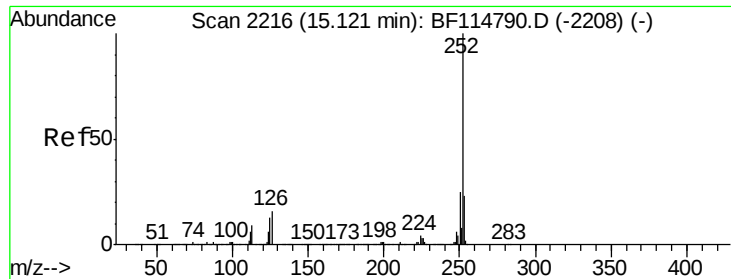
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.429 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.3	28.9
125	13.7	10.1	15.1





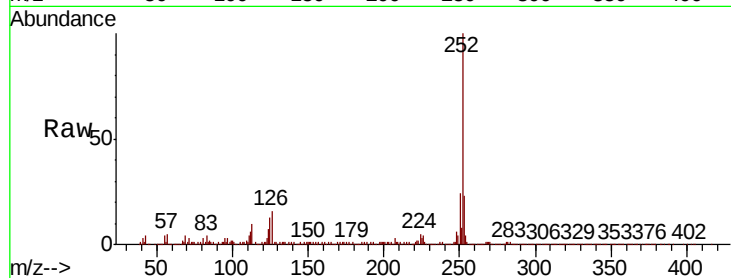
#90
Benzo(a)pyrene
Concen: 8.055 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	12.7	10.1	15.1

Manual Integrations
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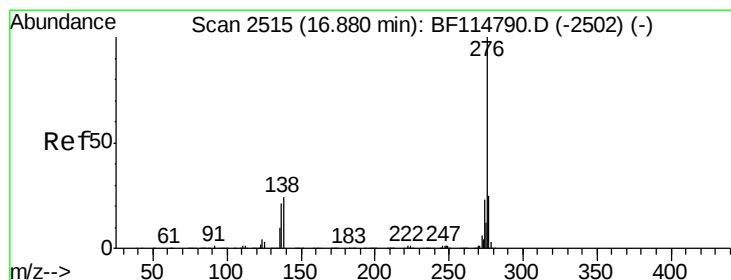
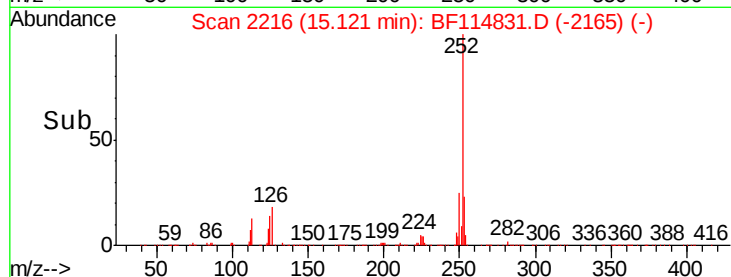
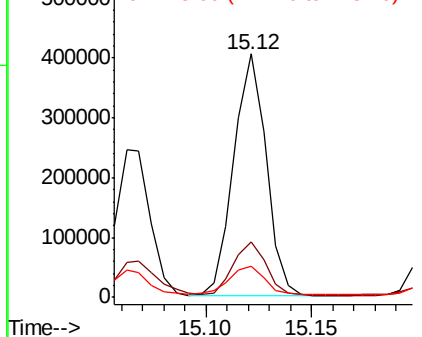


Abundance

Ion 252.00 (251.70 to 252.70): E

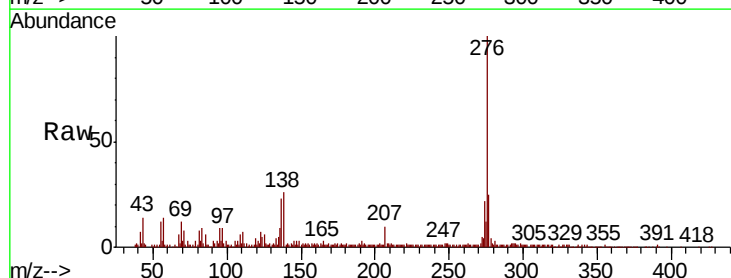
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.970 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF114831.D
Acq: 5 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.6
138	26.5	19.4	29.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

