

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114876.D
 Acq On : 6 Jun 2019 21:36
 Operator : HP/JU
 Sample : K3189-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-7D

Manual Integrations
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Quant Time: Jun 07 03:36:16 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	478440	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1808665	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	858038	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1467700	20.00	ng	0.00
76) Chrysene-d12	13.79	240	751849	20.00	ng	0.00
87) Perylene-d12	15.18	264	878777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2358906	86.15	ng	0.02
7) Phenol-d6	6.31	99	2962731	88.93	ng	0.00
23) Nitrobenzene-d5	7.23	82	1783729	60.71	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	982863	106.29	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	2669870	58.29	ng	0.00
79) Terphenyl-d14	12.76	244	3197838	82.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	713845	11.391	ng	99
75) Fluoranthene	12.37	202	417897	5.730	ng	95
78) Pyrene	12.60	202	490660	7.523	ng	95
81) Benzo(a)anthracene	13.78	228	277348	4.787	ng	96
83) Chrysene	13.82	228	240565	4.268	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	2598030	62.380	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.48	276	152670	2.374	ng	97
88) Benzo(b)fluoranthene	14.79	252	361168m	6.456	ng	
89) Benzo(k)fluoranthene	14.82	252	131495m	2.768	ng	
90) Benzo(a)pyrene	15.12	252	220613	4.556	ng	# 97
92) Benzo(g,h,i)perylene	16.87	276	140602	3.049	ng	96

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

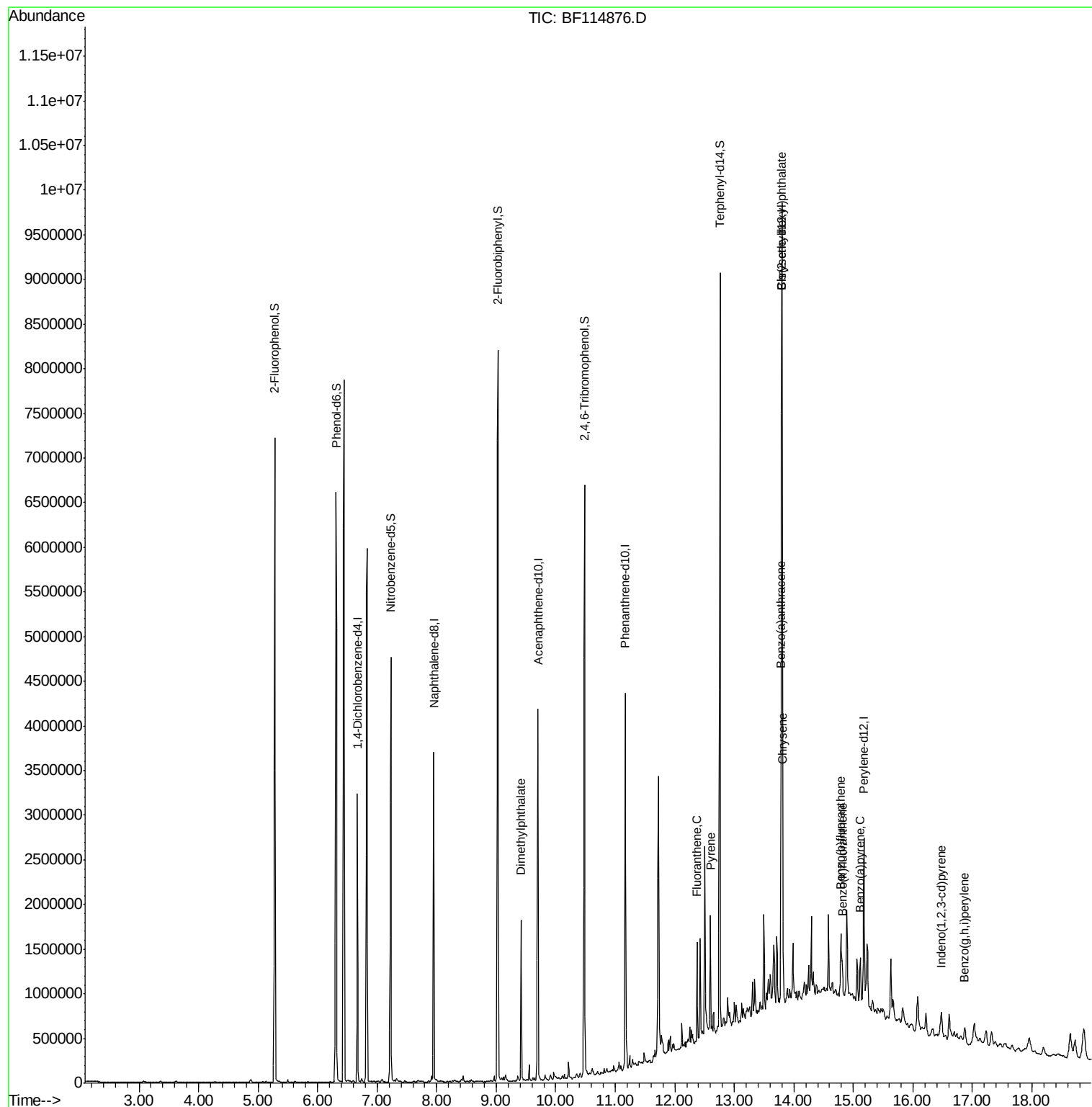
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

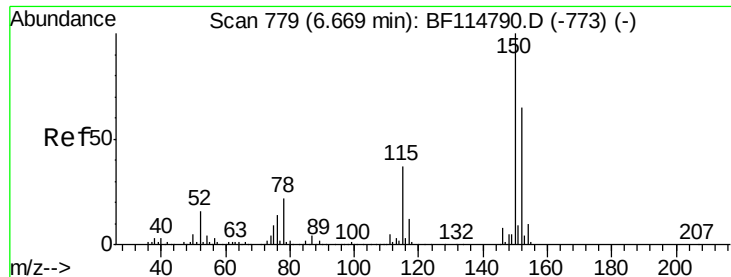
Instrument :
BNA_F
ClientSampled :
S-7D

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#1

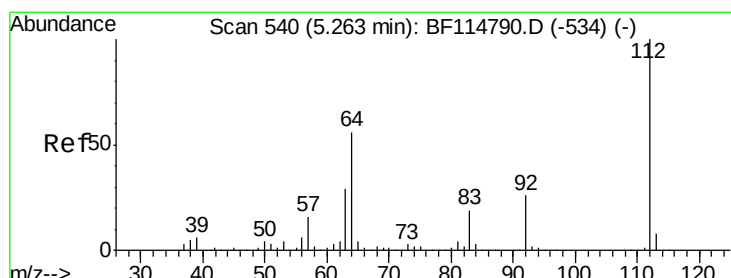
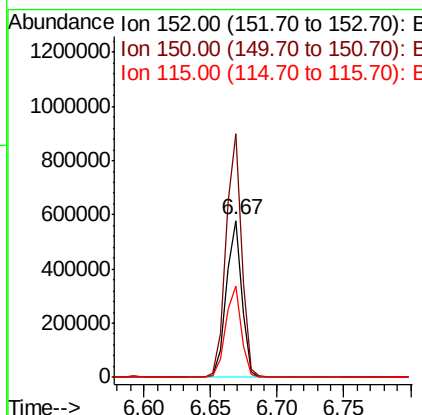
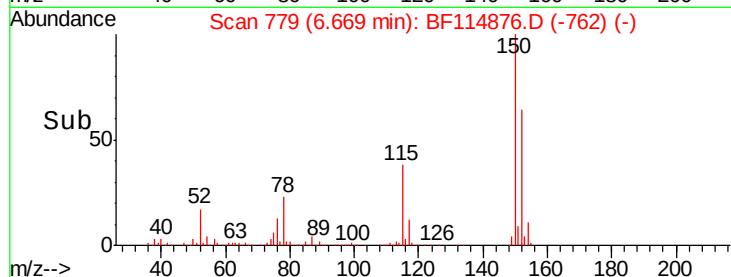
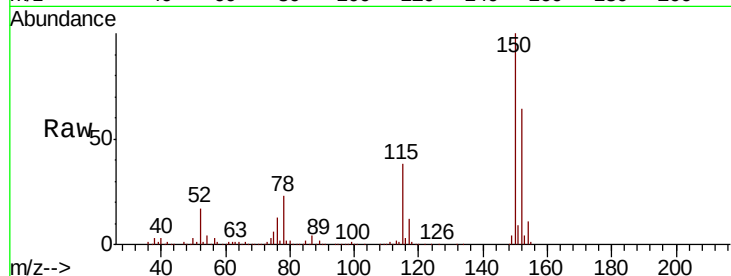
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
S-7D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.0	186.0
115	58.3	46.3	69.5

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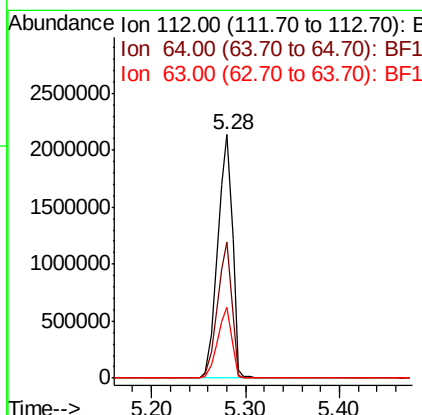
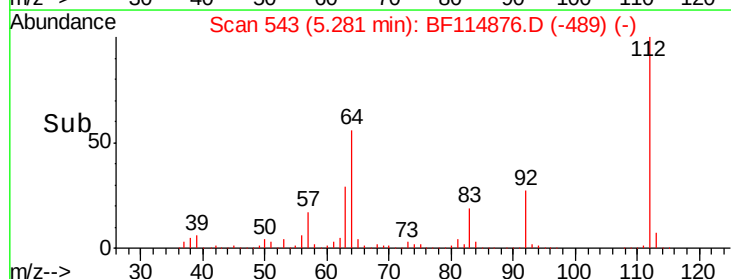
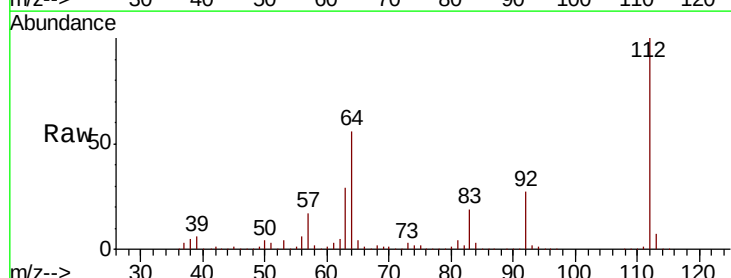
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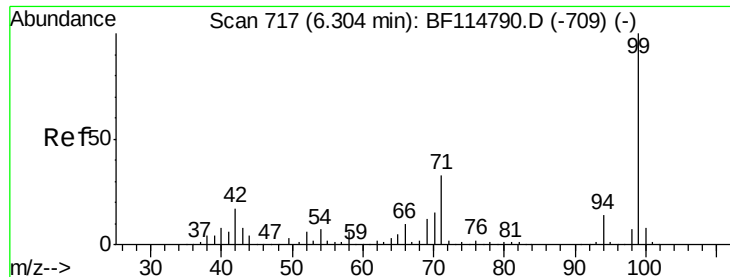


#5

2-Fluorophenol
Concen: 86.152 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.6	66.8
63	29.0	23.0	34.4





#7

Phenol-d6

Concen: 88.925 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Instrument :

BNA_F

ClientSampled :

S-7D

Tot Ion: 99 Resp: 2962731

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

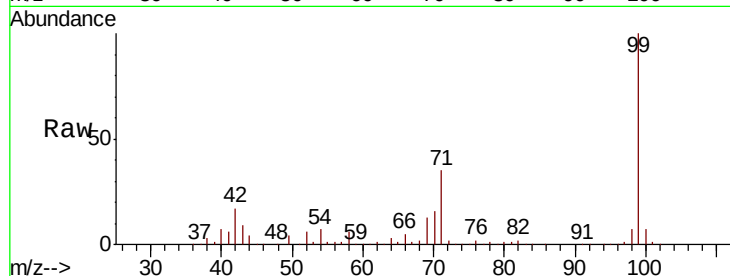
71 34.8 26.3 39.5

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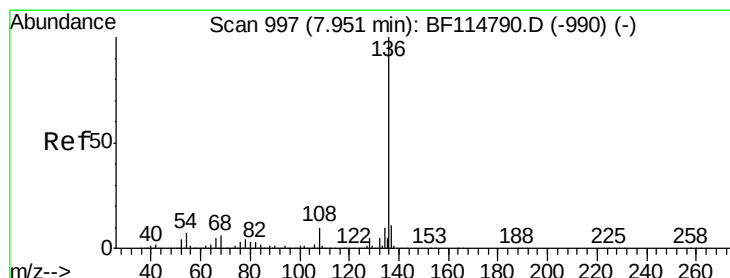
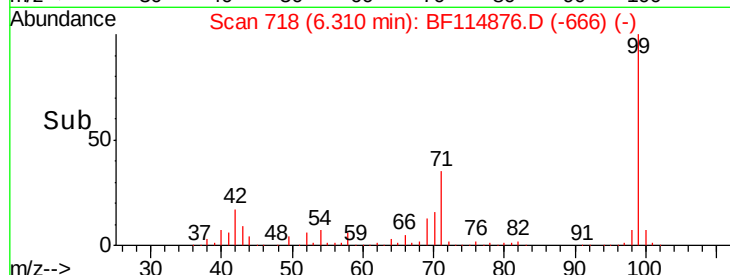
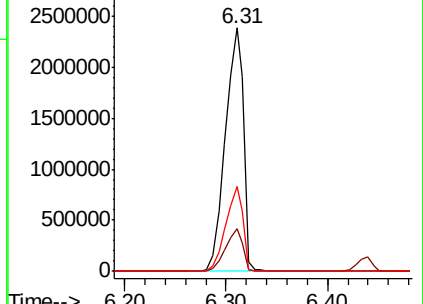
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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# 997

Delta R.T. 0.00 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Tgt Ion: 136 Resp: 1808665

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.6 5.4 8.0

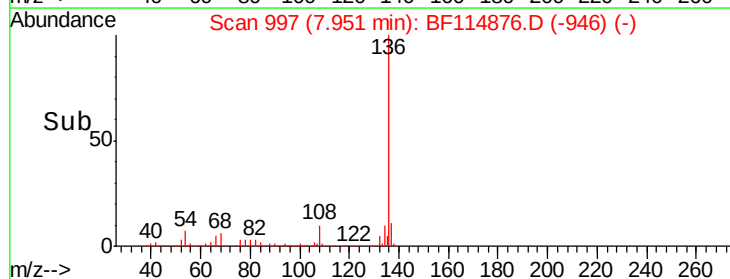
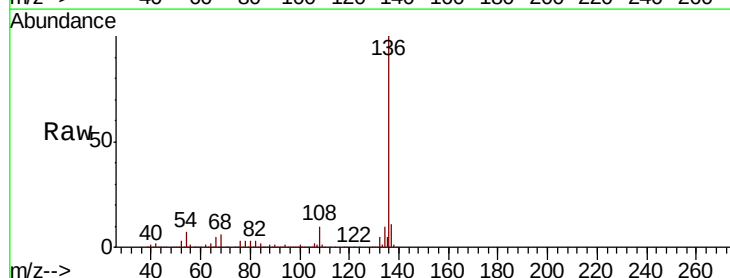
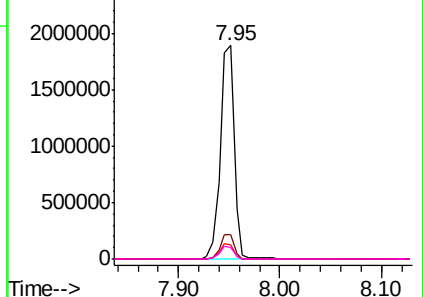
68 5.6 4.6 6.8

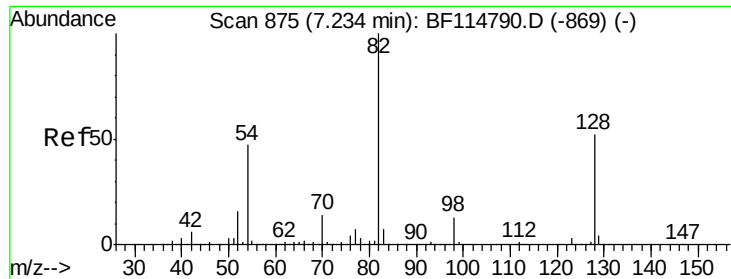
Abundance Ion 136.00 (135.70 to 136.70): E

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





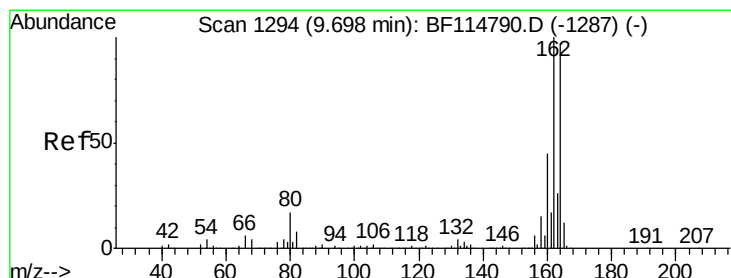
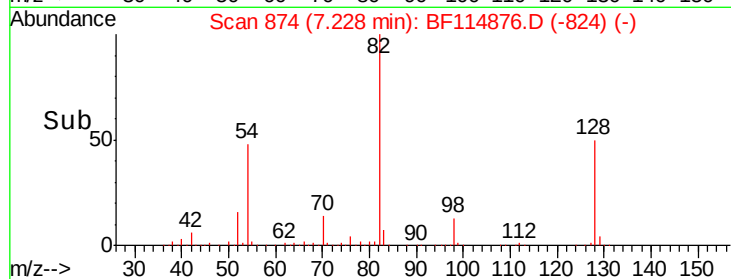
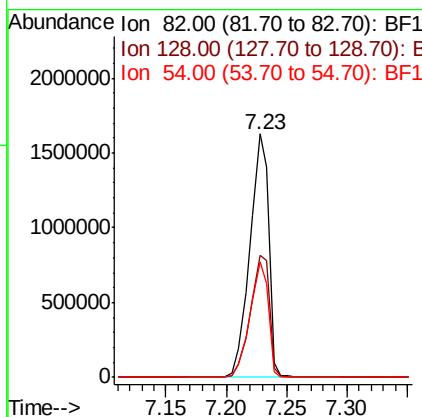
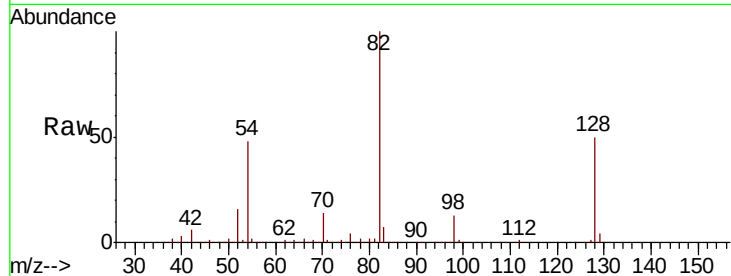
#23
 Nitrobenzene-d5
 Concen: 60.710 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114876.D
 Acq: 6 Jun 2019 21:36

Instrument :
 BNA_F
 ClientSampleId :
 S-7D

Tot Ion	82	128	54
Resp	1783729		
Ratio	100	49.9	47.7
Lower		41.8	37.9
Upper		62.6	56.9

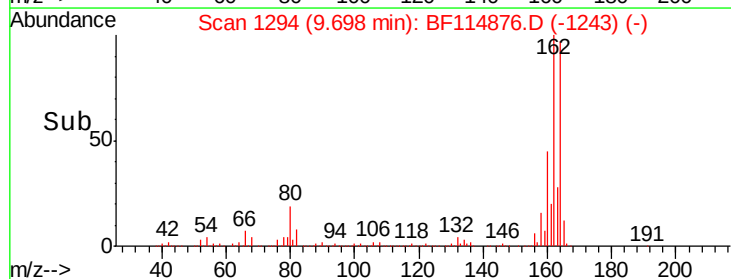
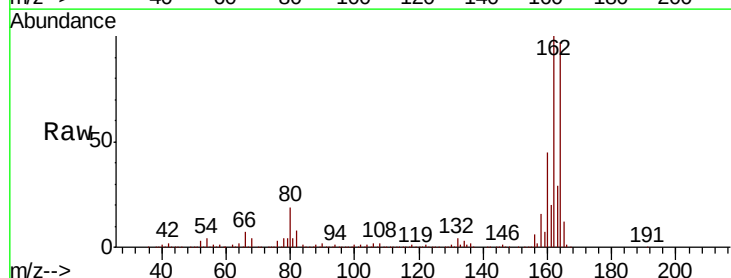
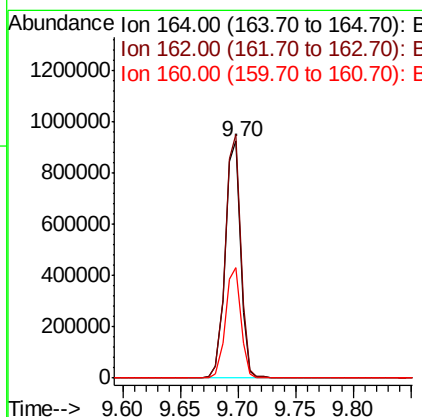
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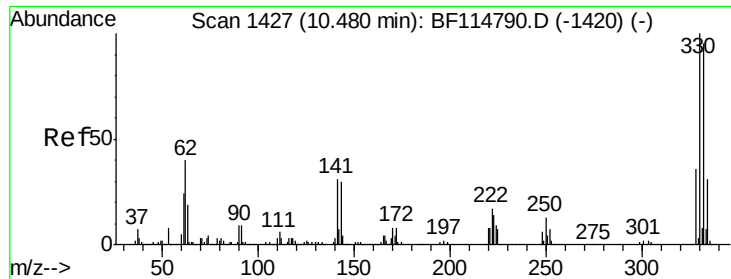
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF114876.D
 Acq: 6 Jun 2019 21:36

Tgt Ion	164	162	160
Resp	858038		
Ratio	100	102.8	46.4
Lower		82.3	36.7
Upper		123.5	55.1





#42

2,4,6-Tribromophenol

Concen: 106.293 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Instrument :

BNA_F

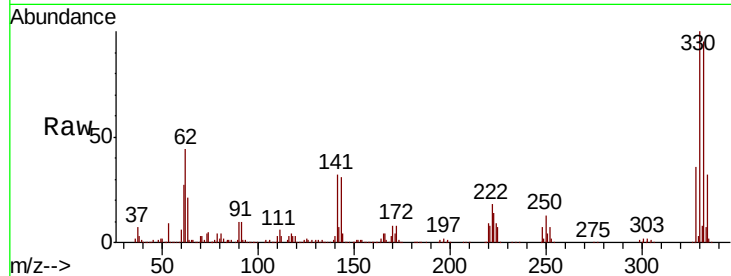
ClientSampleId :

S-7D

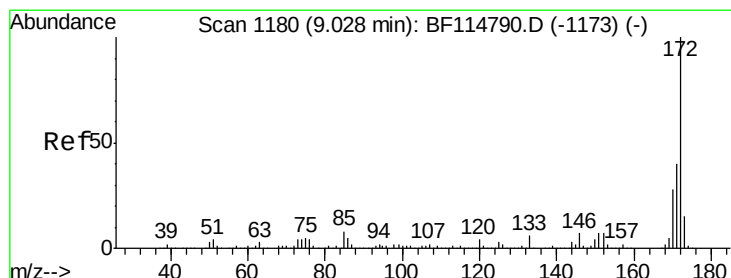
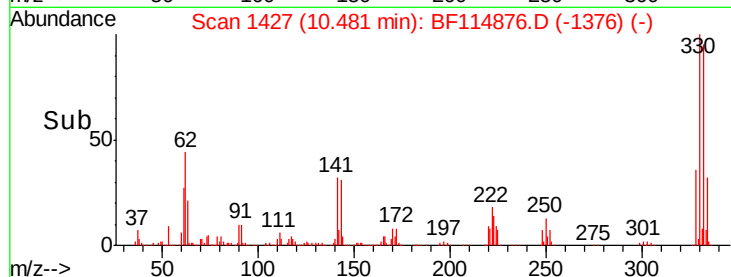
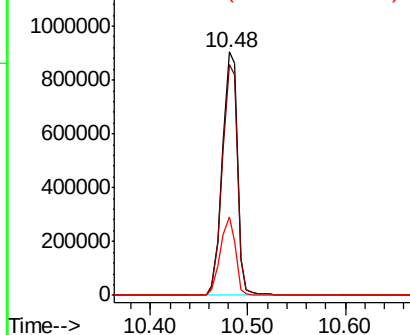
Tot Ion:	330	Resp:	982863
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	31.8	26.2	39.4

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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: 58.289 ng

RT: 9.03 min Scan# 1180

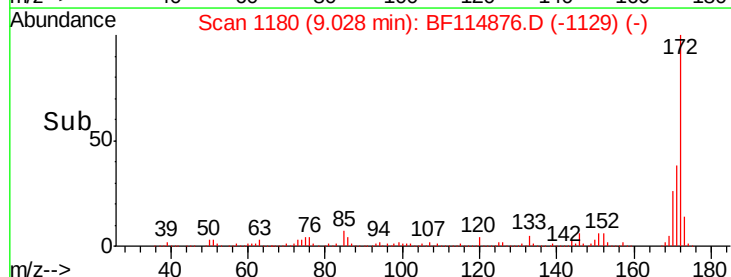
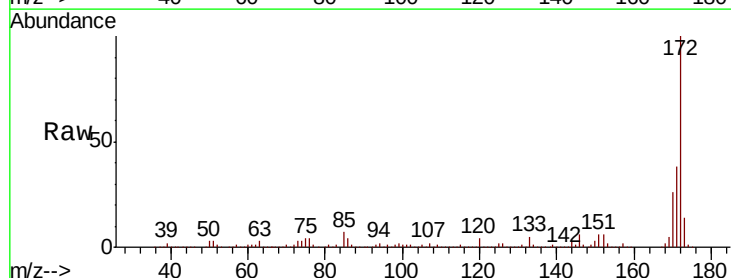
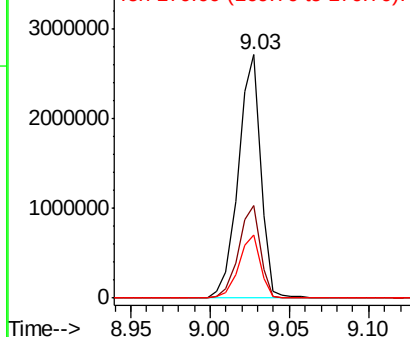
Delta R.T. 0.00 min

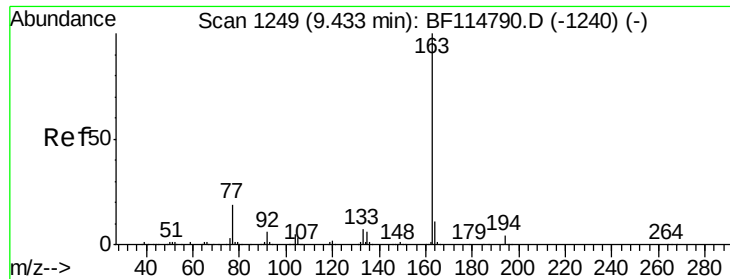
Lab File: BF114876.D

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Tgt Ion:	172	Resp:	2669870
Ion Ratio	Lower	Upper	
172	100		
171	38.1	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





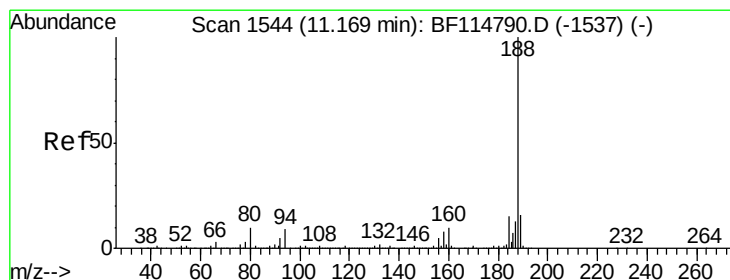
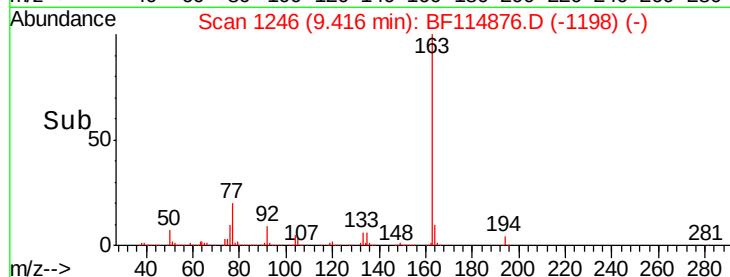
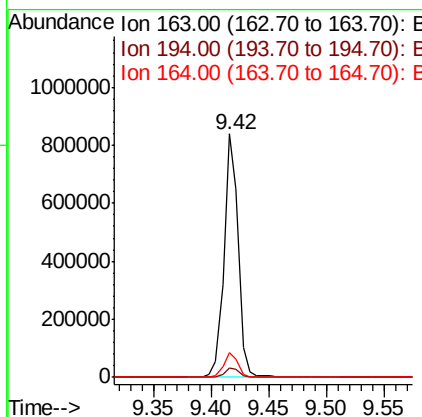
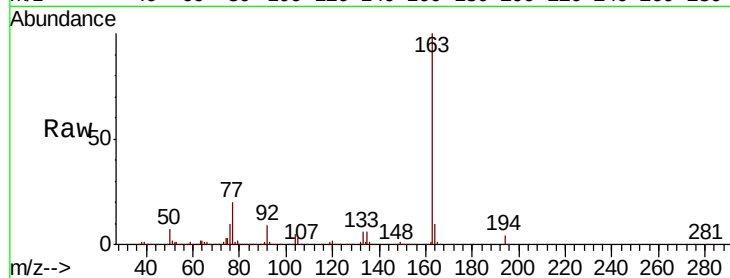
#50
Dimethylphthalate
Concen: 11.391 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	713845		
194	3.8		3.4	5.2
164	10.4		8.6	13.0

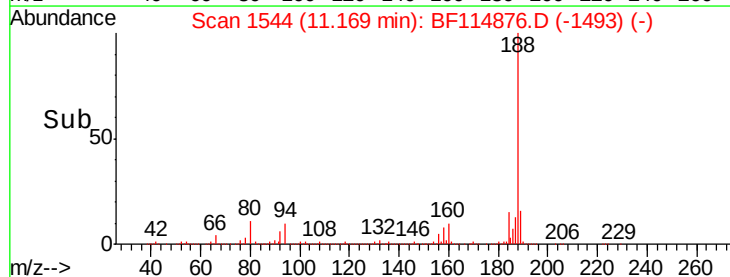
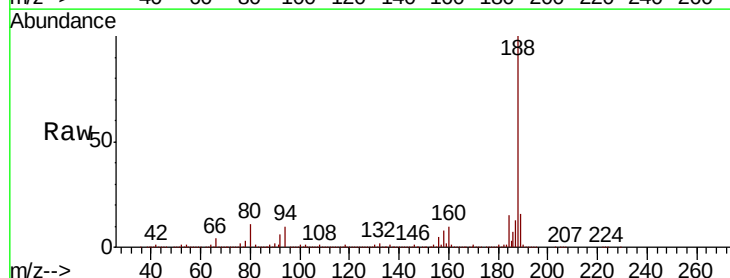
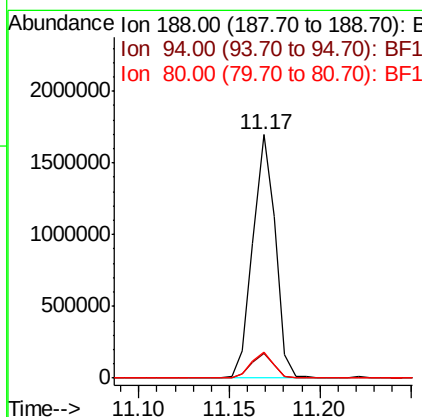
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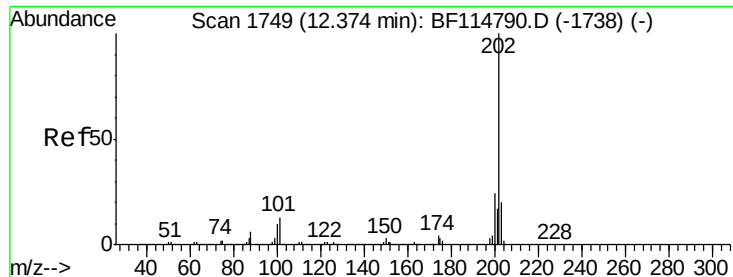
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1467700		
94	10.1		7.6	11.4
80	10.7		8.3	12.5





#75

Fluoranthene

Concen: 5.730 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Instrument :

BNA_F

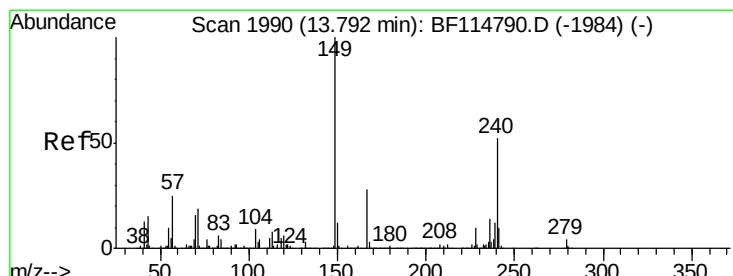
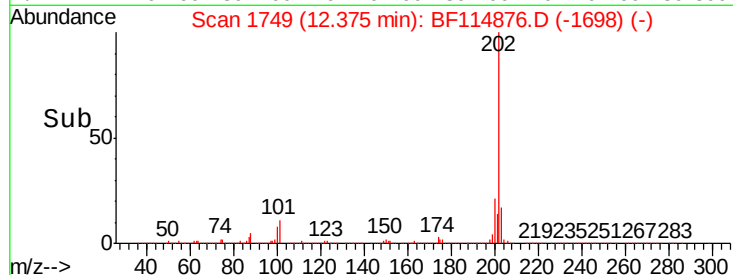
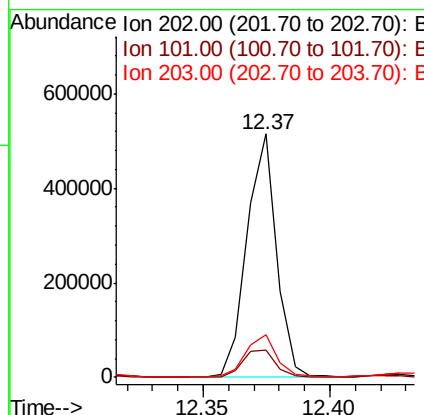
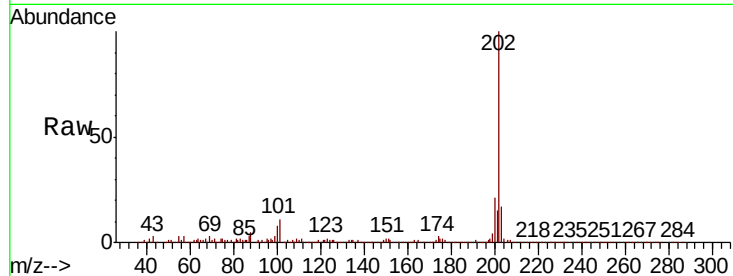
ClientSampleId :

S-7D

Tot Ion:	202	Resp:	417897
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.8
203	17.4	0.2	40.2

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#76

Chrysene-d12

Concen: 20.000 ng

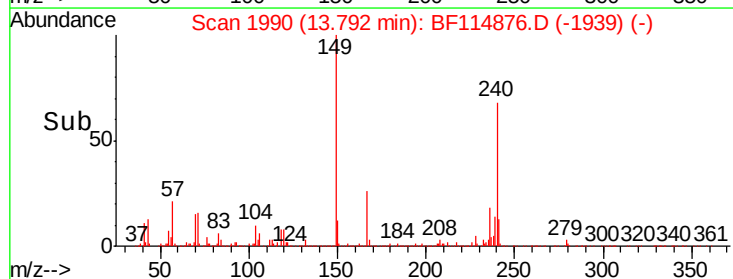
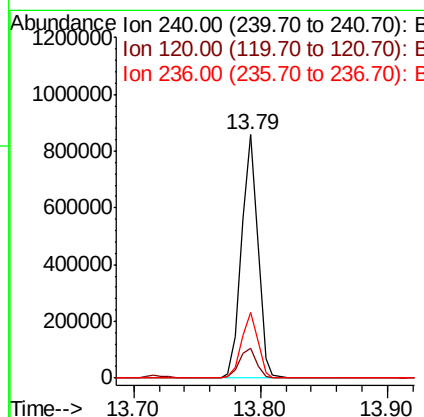
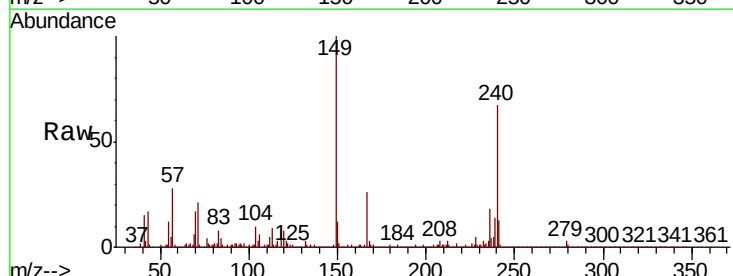
RT: 13.79 min Scan# 1990

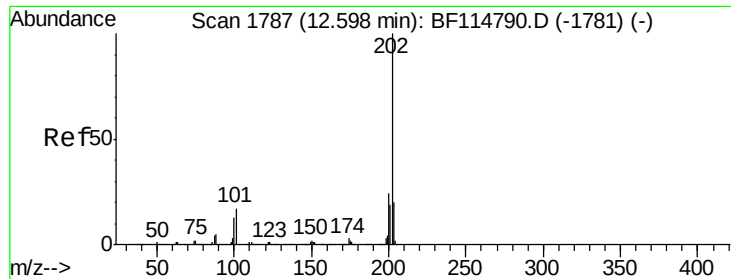
Delta R.T. 0.00 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Tgt Ion:	240	Resp:	751849
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.0	13.4
236	26.9	21.4	32.0





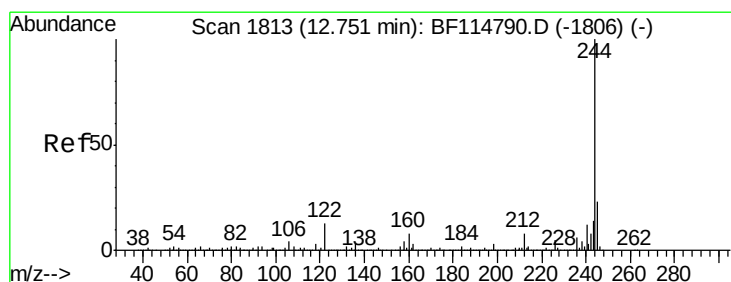
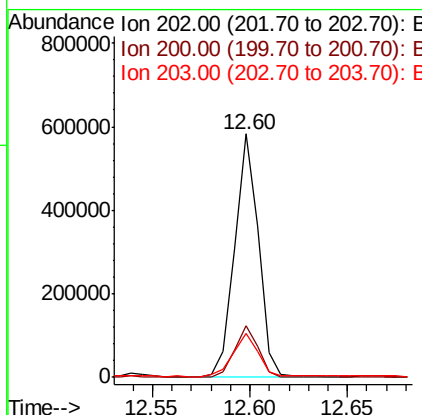
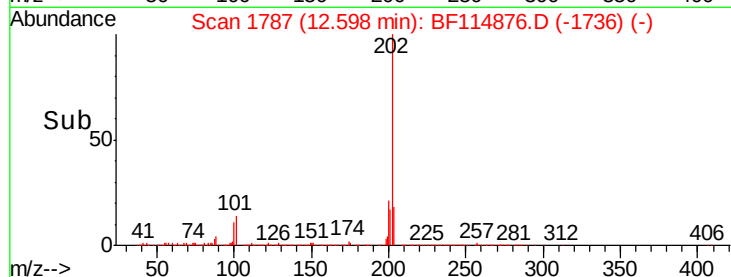
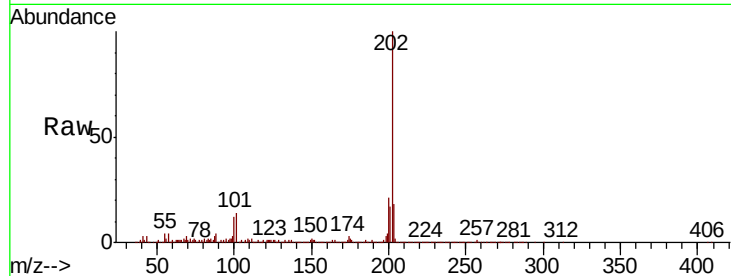
#78
Pvrene
Concen: 7.523 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
S-7D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	19.2	28.8
203	18.1	15.9	23.9

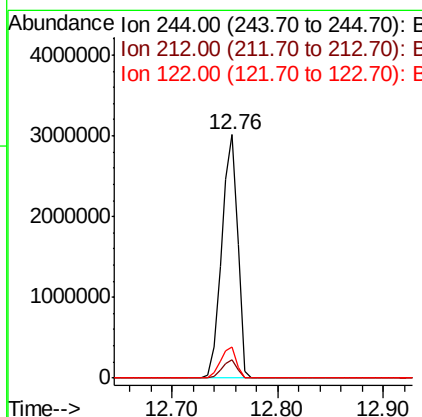
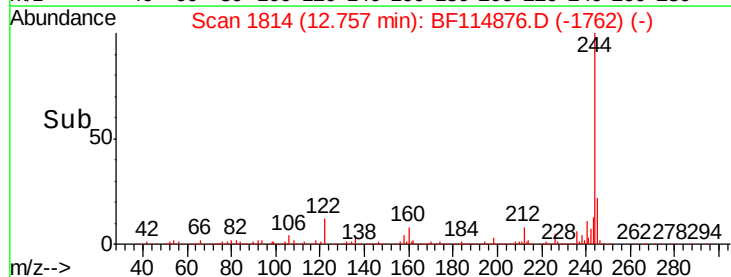
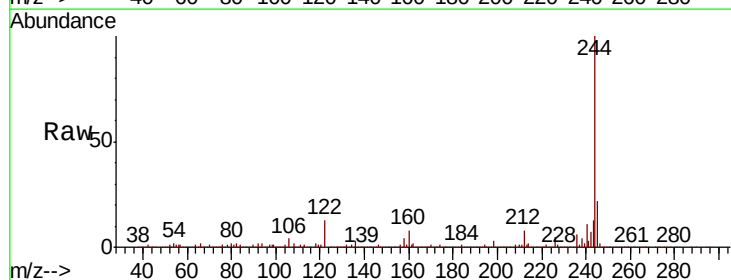
Manual Integrations
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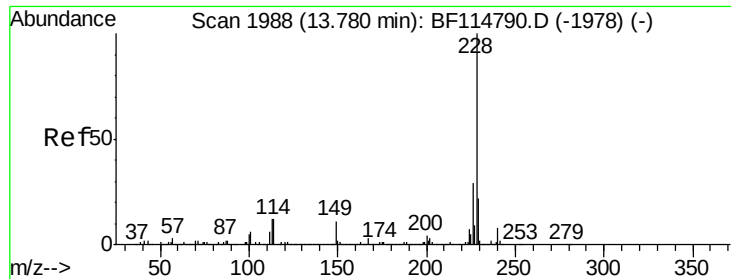
mohammad
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#79
Terphenyl-d14
Concen: 82.716 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.5	9.7
122	12.5	10.5	15.7





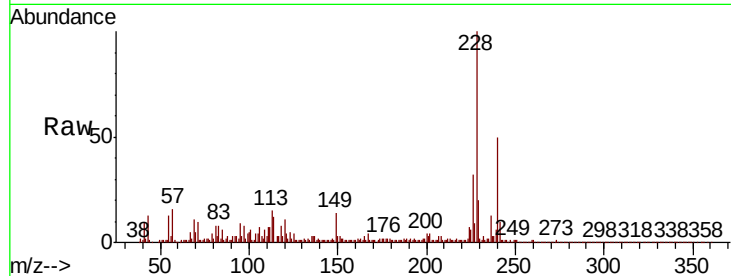
#81
Benzo(a)anthracene
Concen: 4.787 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampled :
S-7D

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	20.3	17.4	26.0

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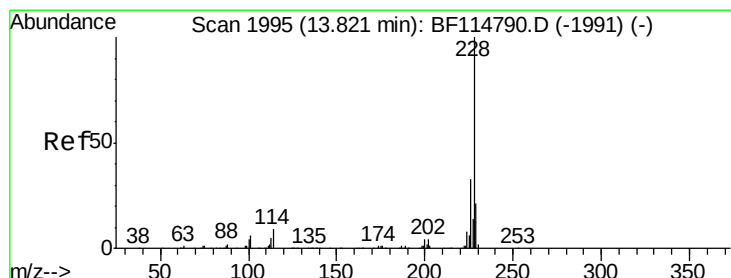
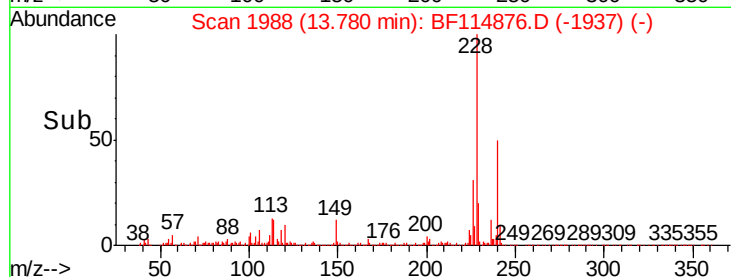
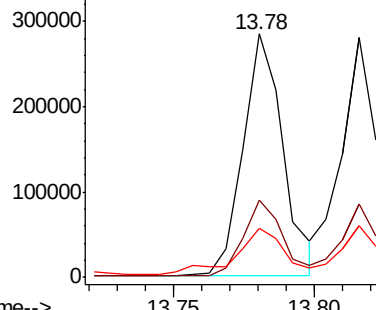


Abundance

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: 4.268 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

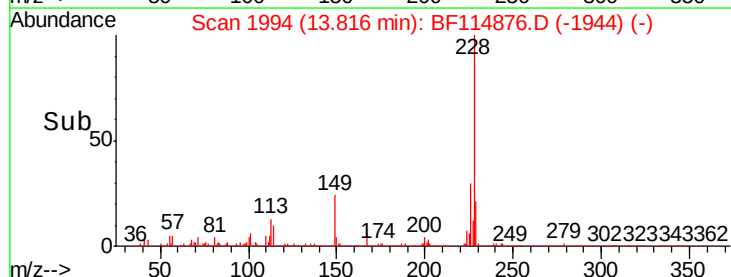
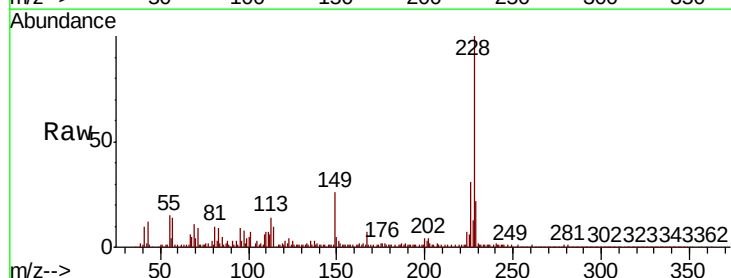
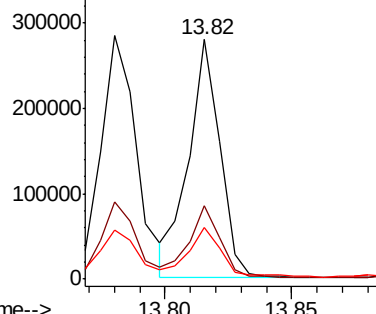
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	26.0	39.0
229	21.6	17.1	25.7

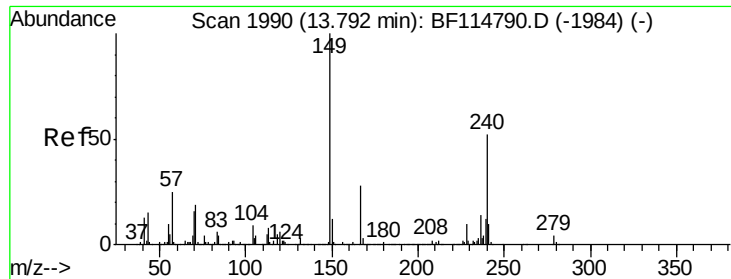
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 62.380 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

Instrument :

BNA_F

ClientSampleId :

S-7D

Tot Ion:149 Resp: 2598030

Ion Ratio Lower Upper

149 100

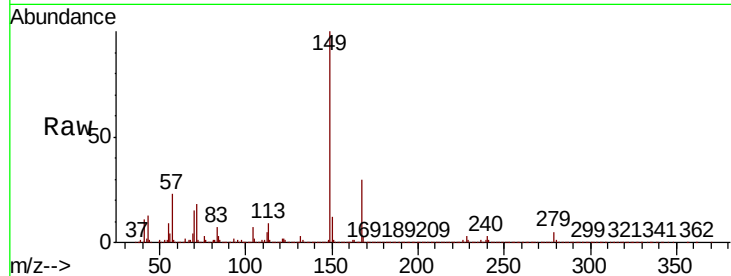
167 30.0 22.7 34.1

279 5.0 3.1 4.7#

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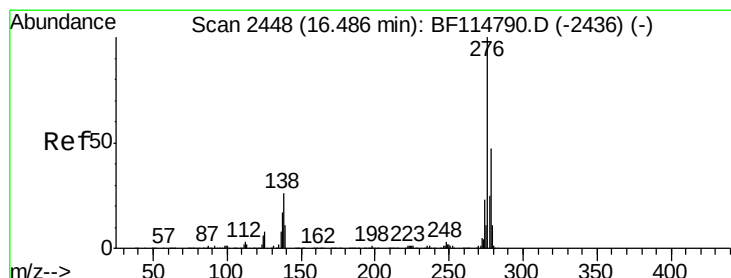
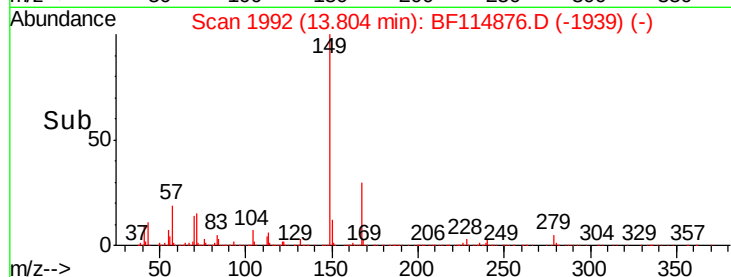
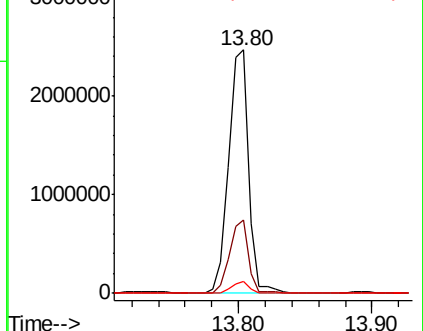
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.374 ng

RT: 16.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BF114876.D

Acq: 6 Jun 2019 21:36

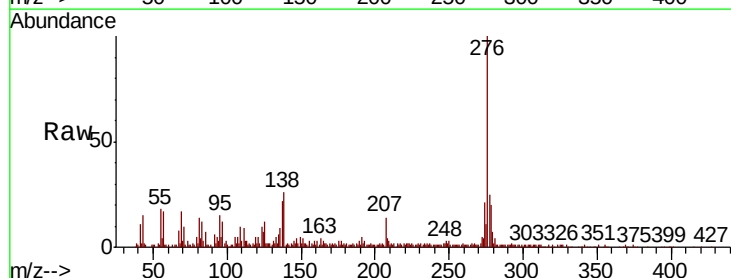
Tgt Ion:276 Resp: 152670

Ion Ratio Lower Upper

276 100

138 25.4 22.2 33.4

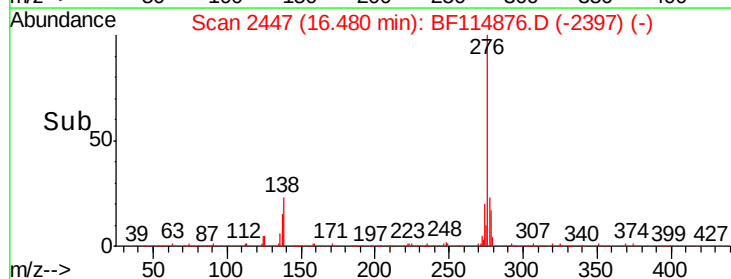
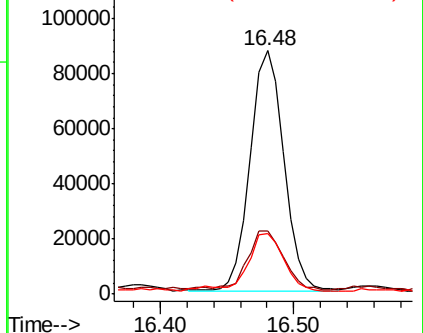
277 25.9 20.6 30.8

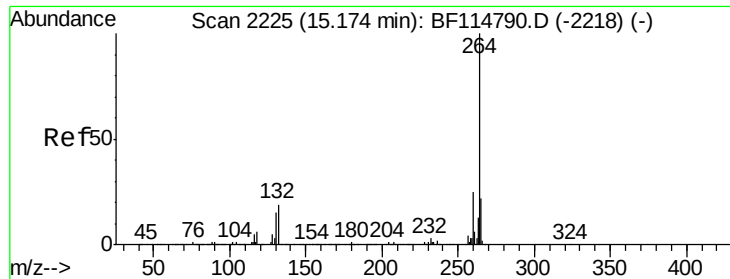


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





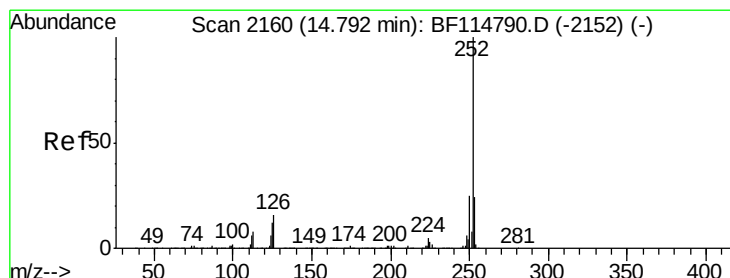
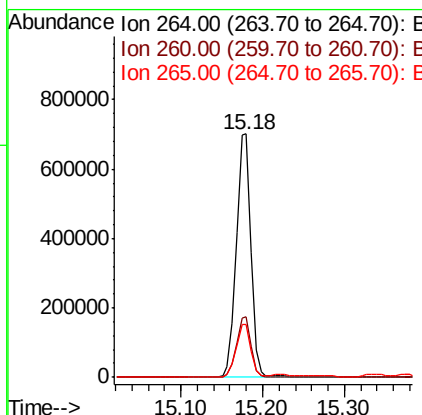
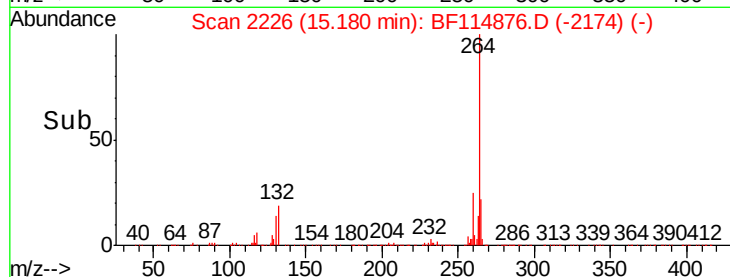
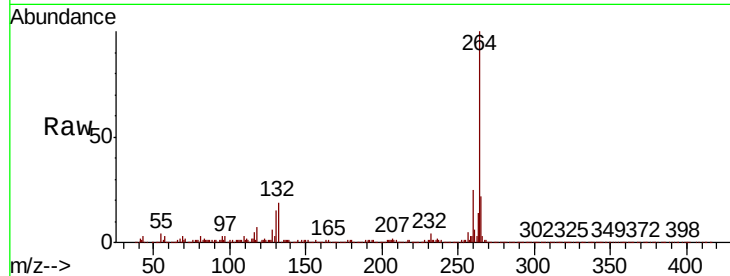
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampleId :
S-7D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	21.9	17.7	26.5

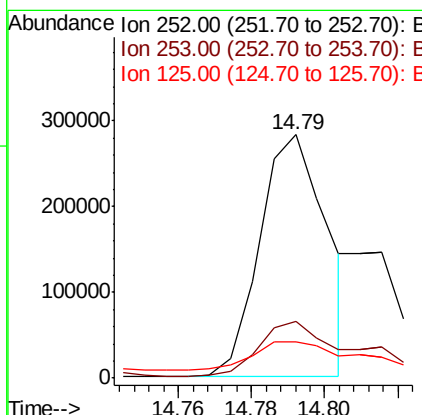
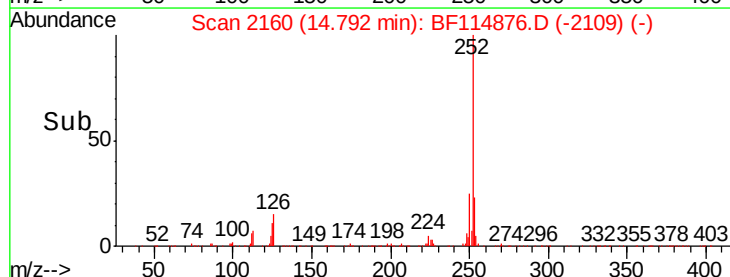
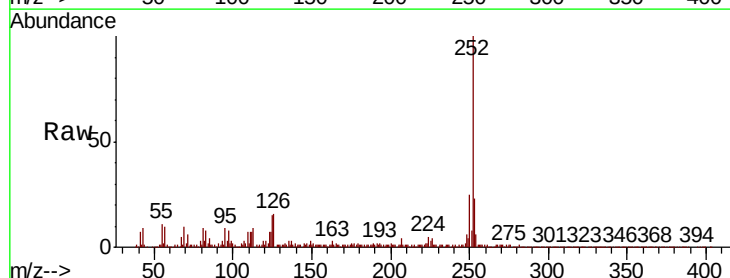
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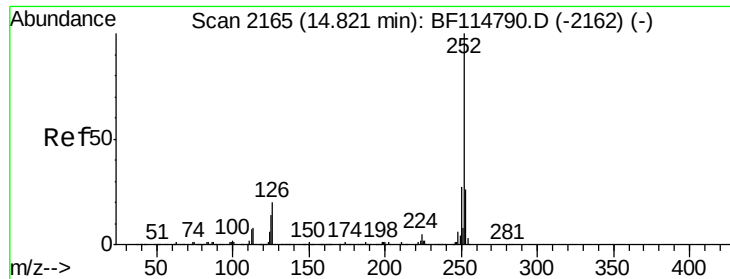
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#88
Benzo(b)fluoranthene
Concen: 6.456 ng m
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.6
125	14.8	9.4	14.0





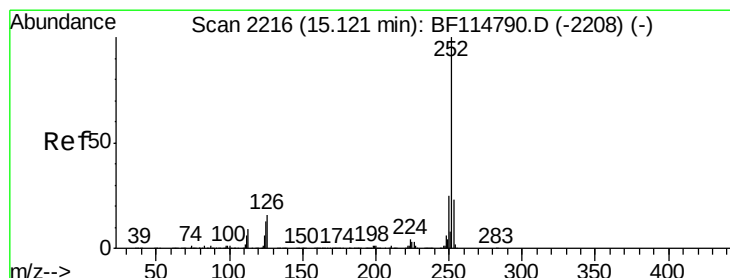
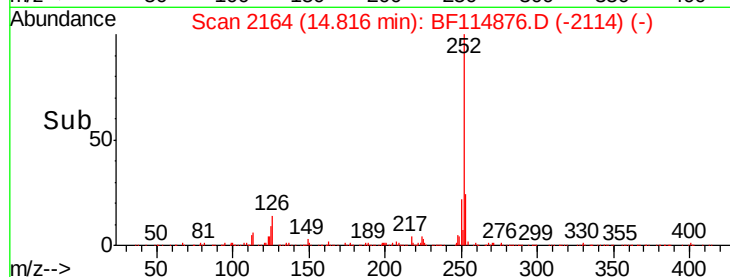
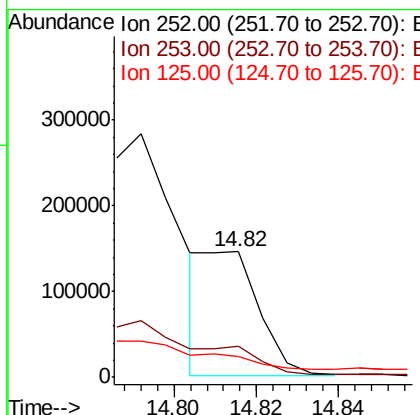
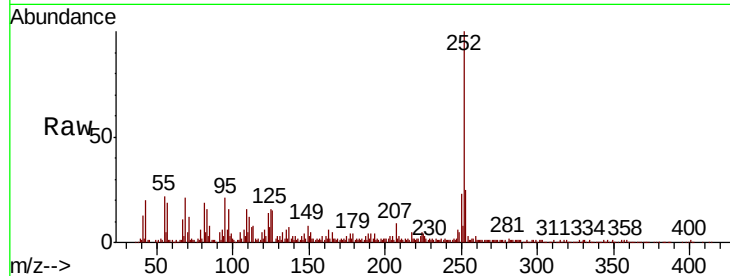
#89
Benzo(k)fluoranthene
Concen: 2.768 ng/mL
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Instrument :
BNA_F
ClientSampled :
S-7D

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.3	28.9
125	16.4	10.1	15.1

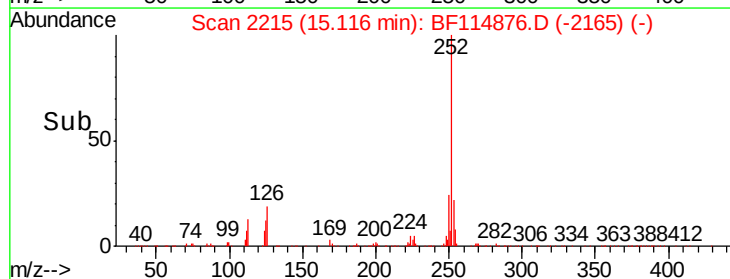
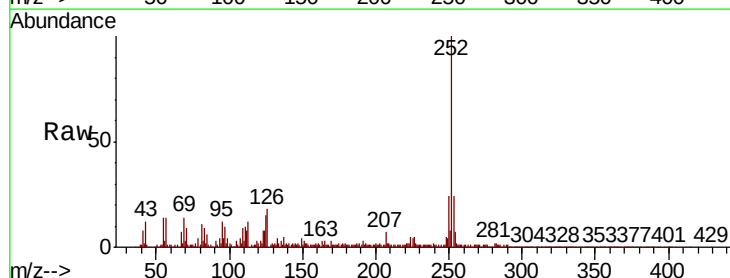
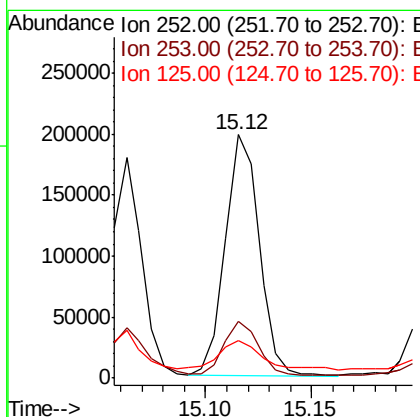
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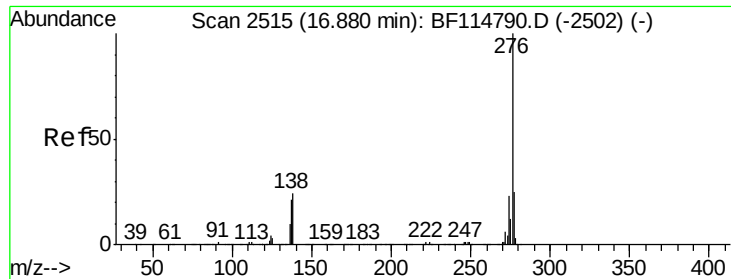
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#90
Benzo(a)pyrene
Concen: 4.556 ng/mL
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF114876.D
Acq: 6 Jun 2019 21:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	15.5	10.1	15.1





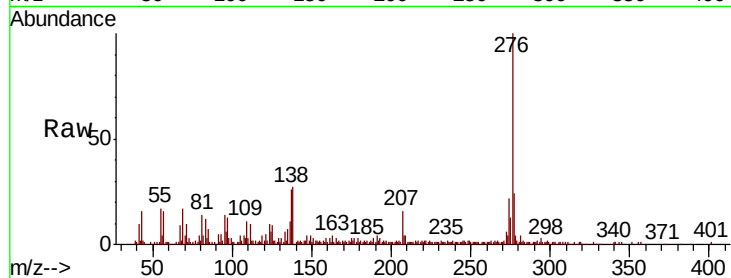
#92
 Benzo(a,h,i)perylene
 Concen: 3.049 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF114876.D
 Acq: 6 Jun 2019 21:36

Instrument :
 BNA_F
 ClientSampleId :
 S-7D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
140602	276	100			
	277	23.7		19.8	29.6
	138	27.1		19.4	29.2

Manual Integrations
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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

