

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114071.D
 Acq On : 1 May 2019 16:06
 Operator : JU/SJ
 Sample : K2623-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Manual Integrations
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 5/2/2019 4:53:48 PM

Quant Time: May 02 05:34:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	106330	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	406554	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	181535	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	347944	20.00	ng	0.00
76) Chrysene-d12	14.06	240	315953	20.00	ng	0.00
87) Perylene-d12	15.55	264	219225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	632582	101.75	ng	0.00
7) Phenol-d6	6.53	99	865058	110.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	481990	73.20	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	234960	106.25	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	895664	77.17	ng	0.00
79) Terphenyl-d14	13.00	244	921846	59.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	98733	7.520	ng	99
71) Phenanthrene	11.45	178	164209	9.391	ng	98
75) Fluoranthene	12.63	202	251469	13.181	ng	99
78) Pyrene	12.86	202	236687	10.712	ng	97
81) Benzo(a)anthracene	14.05	228	138490	7.440	ng	98
83) Chrysene	14.09	228	134243	7.405	ng	96
86) Indeno(1,2,3-cd)pyrene	17.05	276	48017	2.796	ng	# 94
88) Benzo(b)fluoranthene	15.12	252	125555m	9.052	ng	
89) Benzo(k)fluoranthene	15.14	252	41016m	3.438	ng	
90) Benzo(a)pyrene	15.49	252	80845	6.739	ng	# 95
92) Benzo(g,h,i)perylene	17.51	276	53311	4.691	ng	97

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

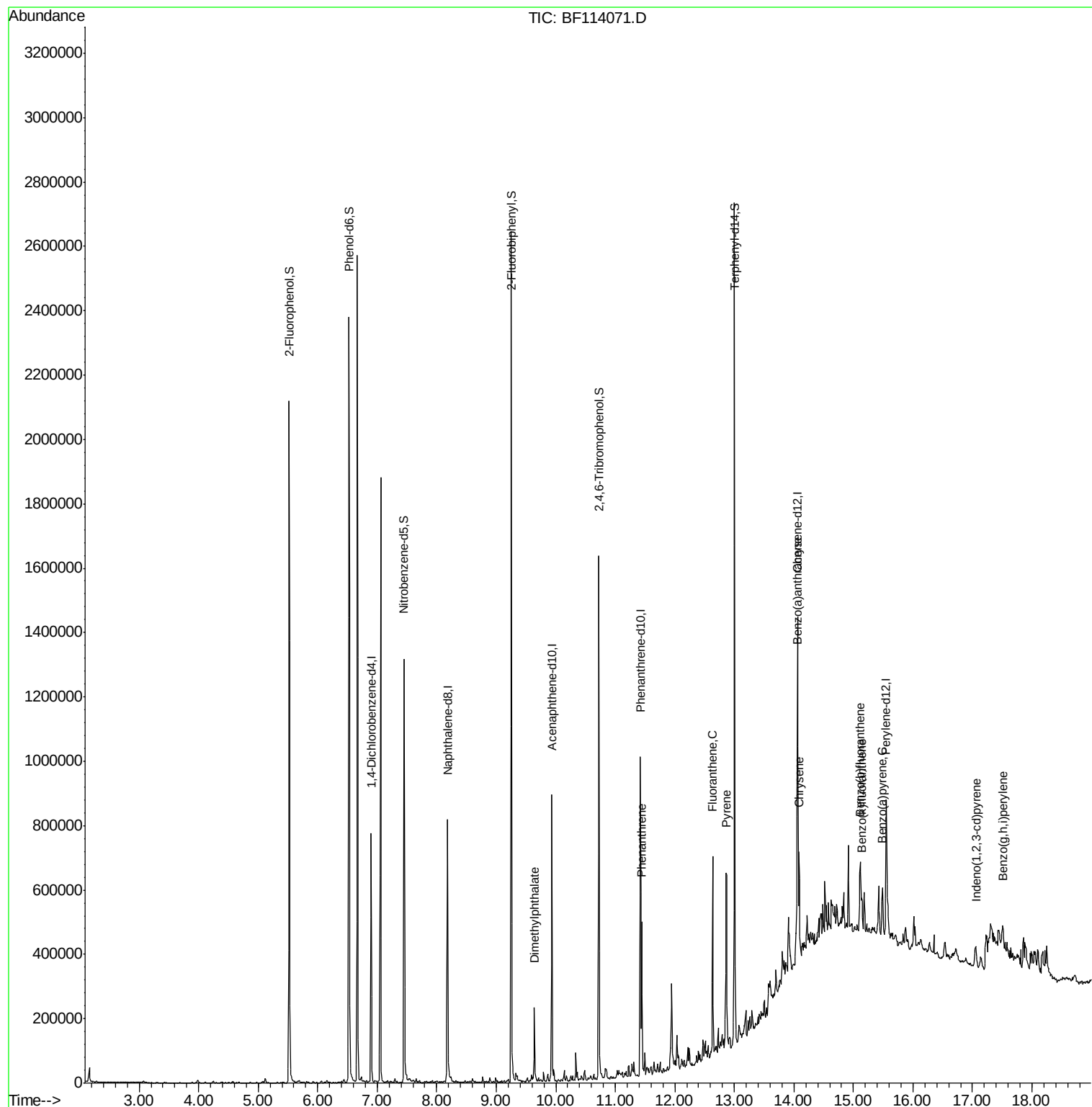
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
Data File : BF114071.D
Acq On : 1 May 2019 16:06
Operator : JU/SJ
Sample : K2623-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

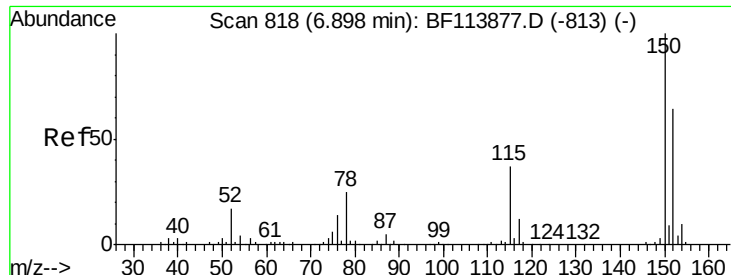
Instrument :
BNA_F
ClientSampleId :
SP-1

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Quant Time: May 02 05:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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#1

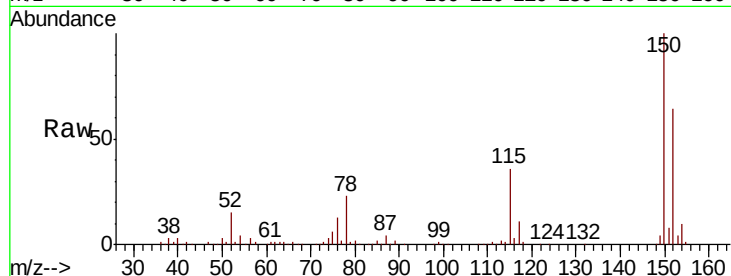
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.9	188.9
115	56.6	45.9	68.9

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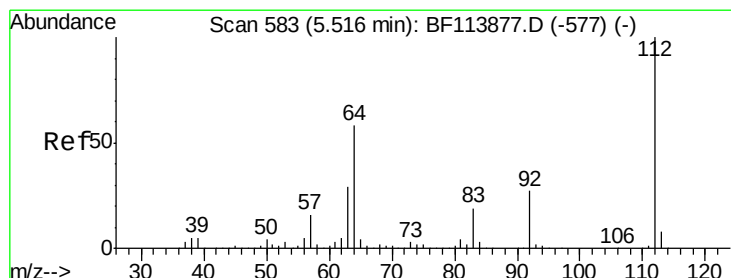
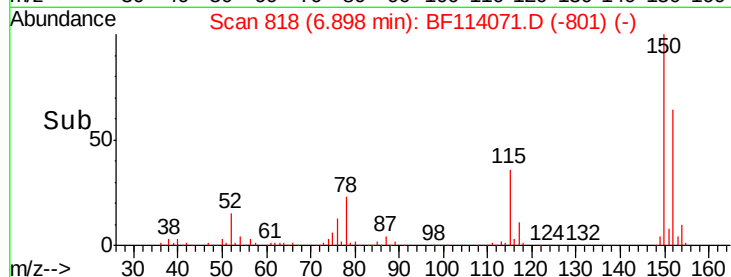
Abundance

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

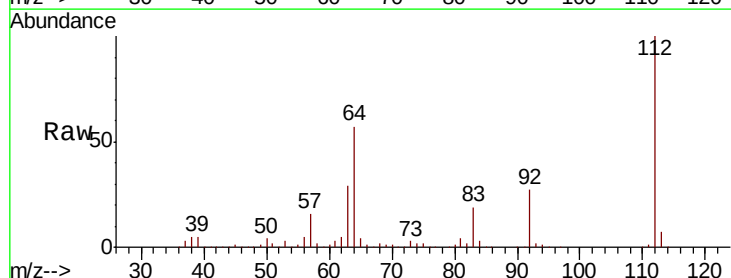
Time-->



#5

2-Fluorophenol
Concen: 101.753 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.6	69.8
63	28.5	23.1	34.7



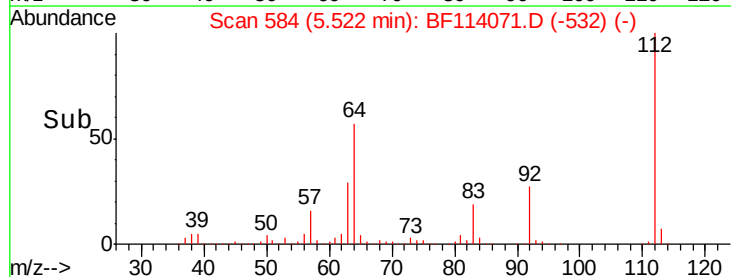
Abundance

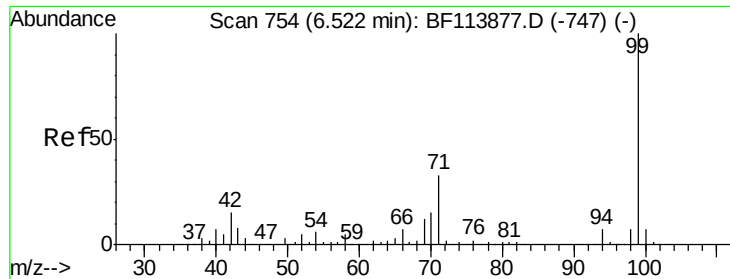
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 110.908 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114071.D

Acq: 1 May 2019 16:06

Instrument :

BNA_F

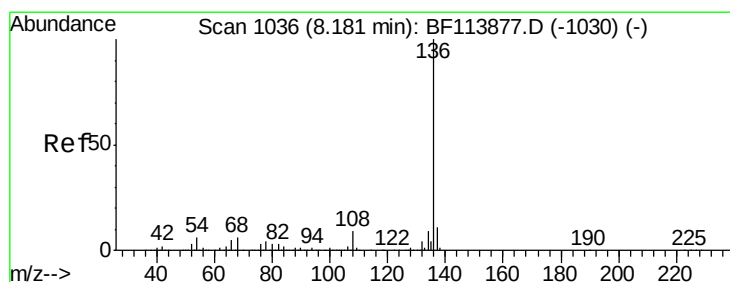
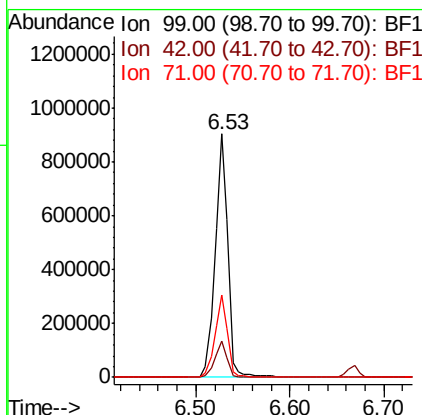
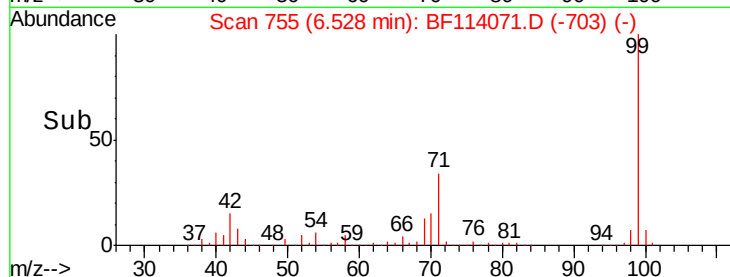
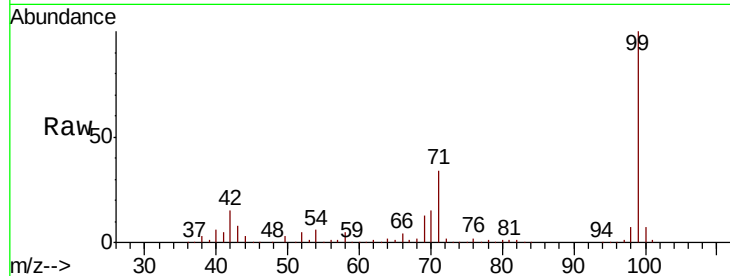
ClientSampled :

SP-1

Tot Ion:	99	Resp:	865058
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.5	18.7
71	33.8	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

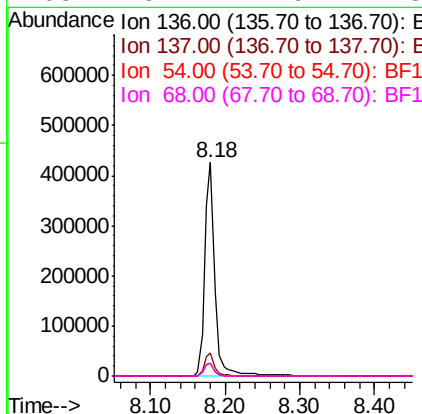
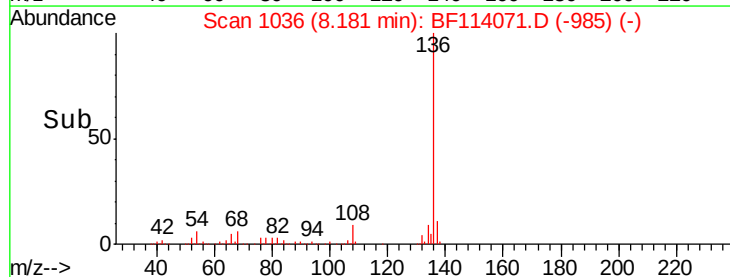
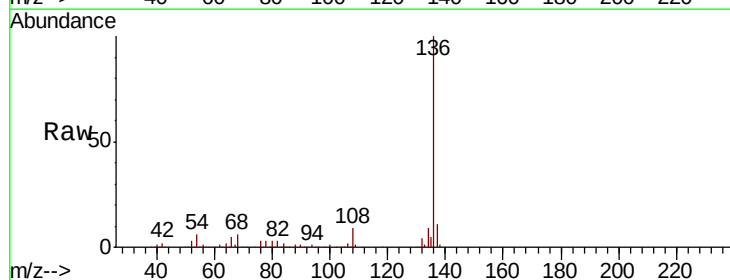
RT: 8.18 min Scan# 1036

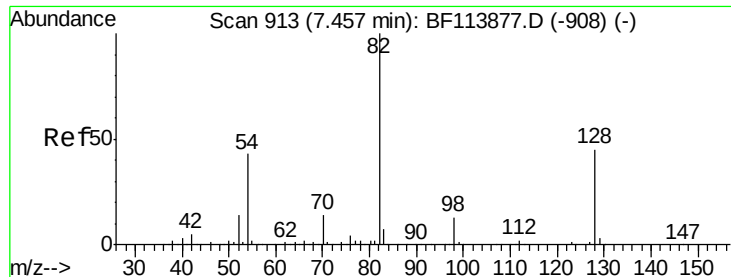
Delta R.T. 0.00 min

Lab File: BF114071.D

Acq: 1 May 2019 16:06

Tgt Ion:	136	Resp:	406554
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	5.9	5.0	7.6
68	5.7	4.9	7.3





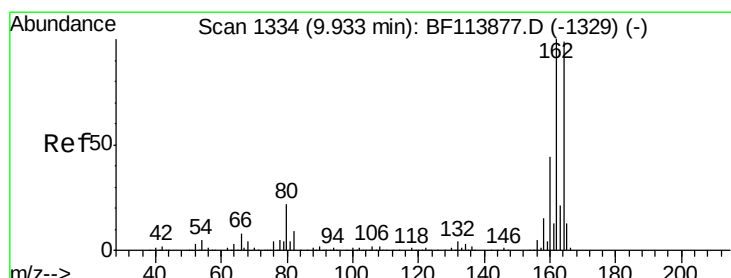
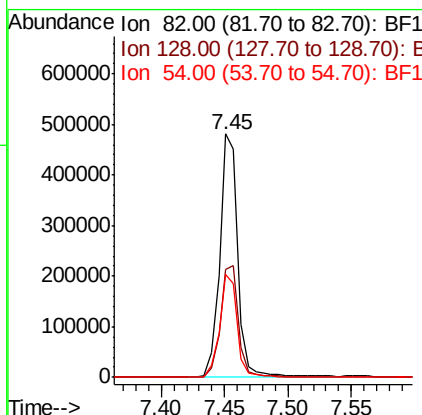
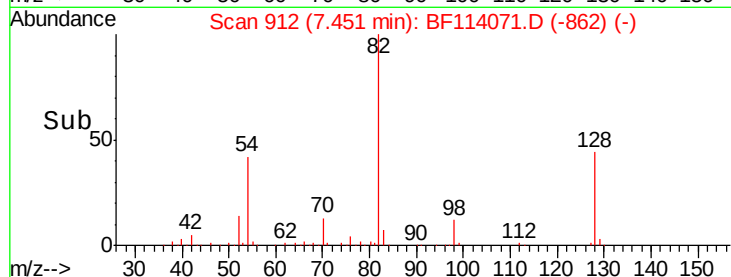
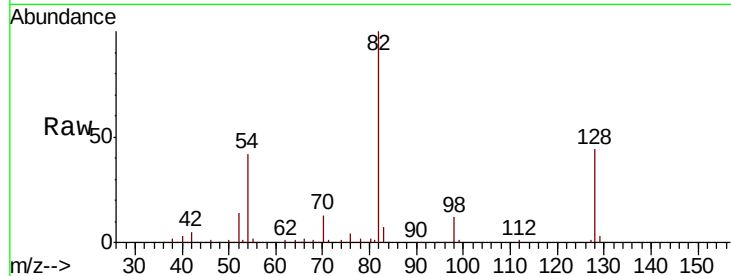
#23
Nitrobenzene-d5
Concen: 73.200 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.8	55.2
54	42.3	33.8	50.6

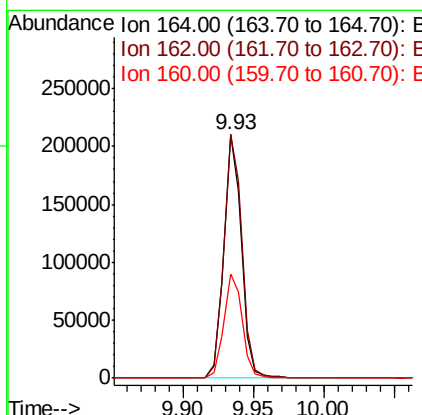
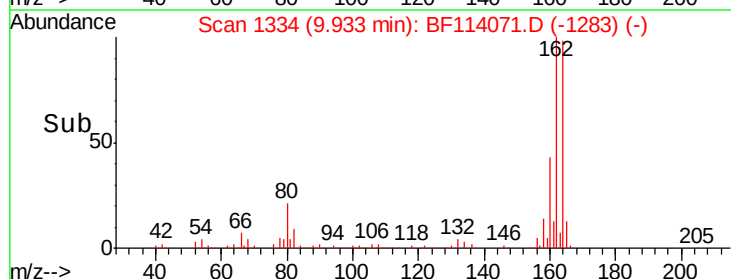
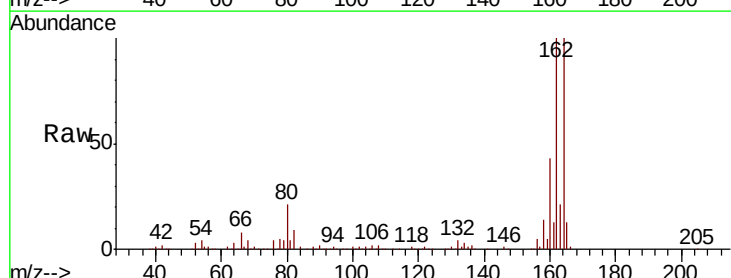
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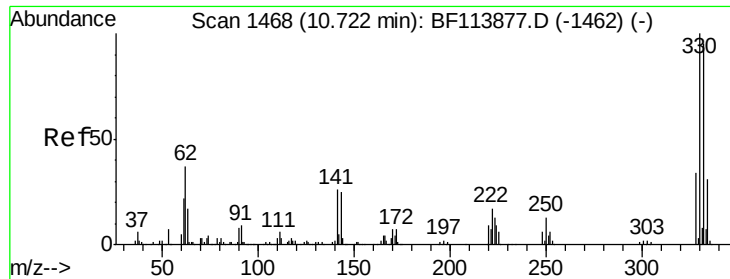
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.1	121.7
160	43.0	35.8	53.6





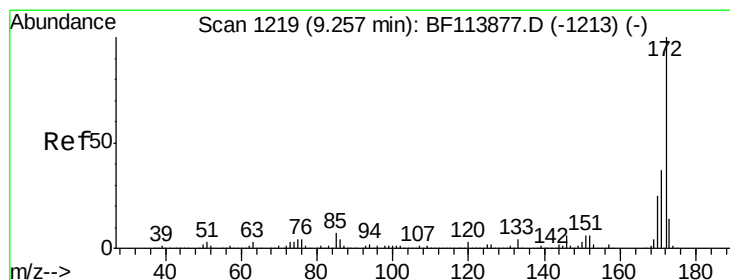
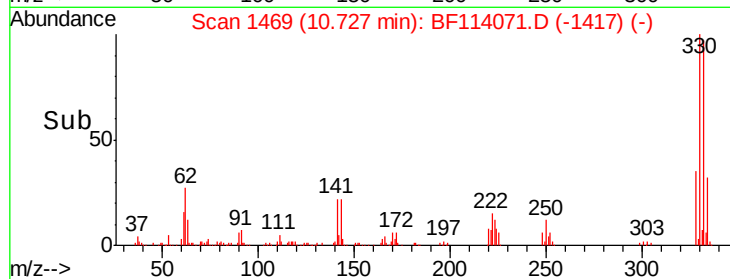
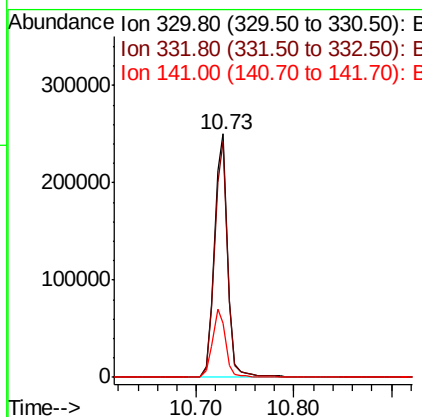
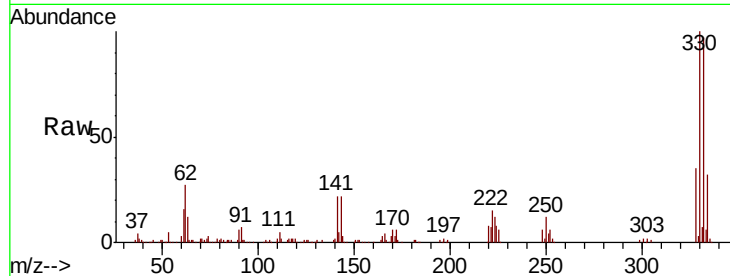
#42
 2,4,6-Tribromophenol
 Concen: 106.246 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF114071.D
 Acq: 1 May 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	234960		
332	96.3	77.5	116.3	
141	27.4	22.2	33.2	

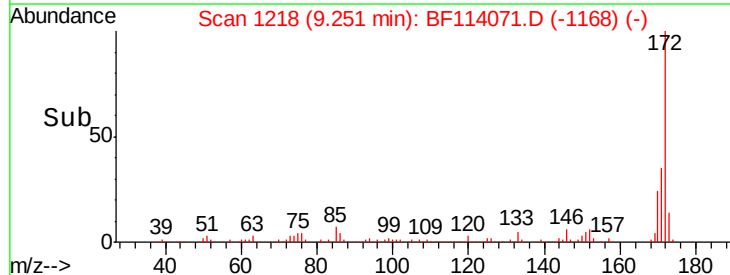
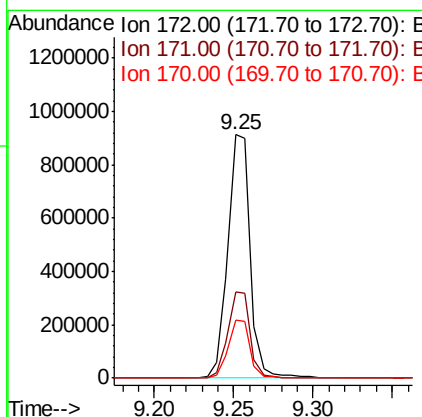
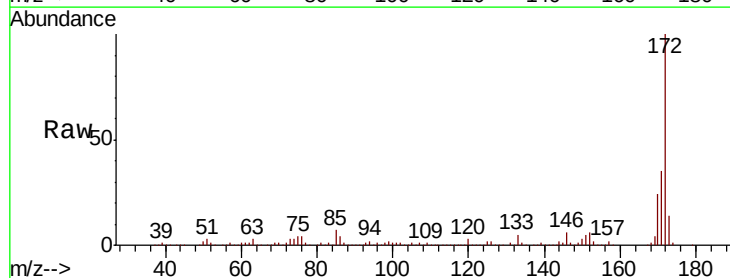
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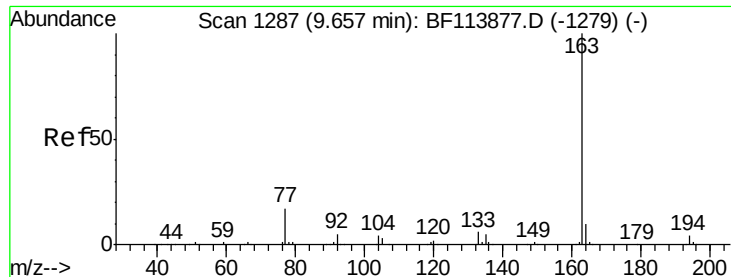
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#45
 2-Fluorobiphenyl
 Concen: 77.166 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114071.D
 Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	895664		
171	35.3	29.4	44.0	
170	23.7	19.9	29.9	





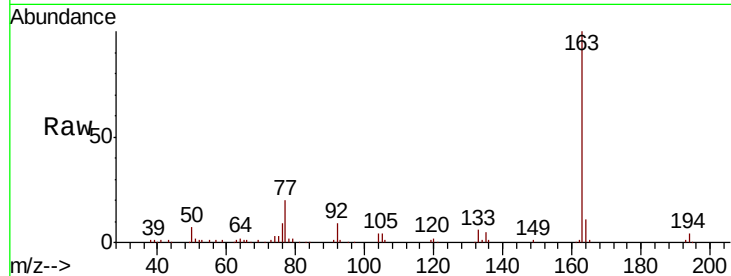
#50
Dimethylphthalate
Concen: 7.520 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

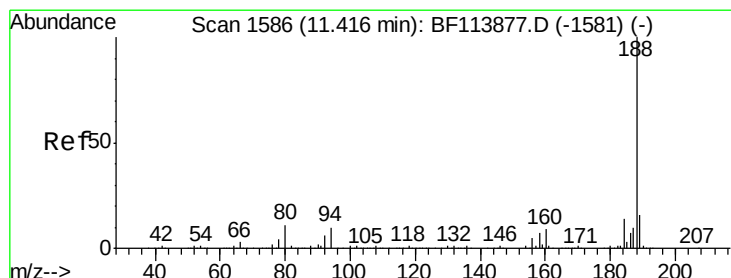
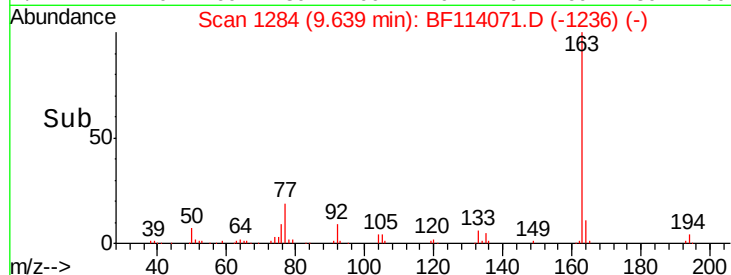
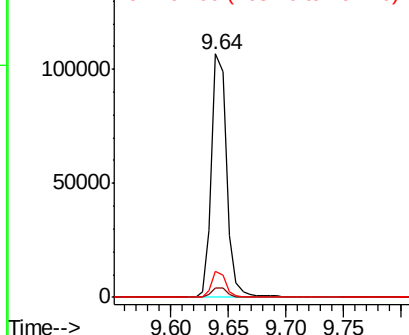
Tot Ion	Ratio	Resp	Lower	Upper
163	100	98733		
194	4.0		3.4	5.2
164	10.8		8.5	12.7

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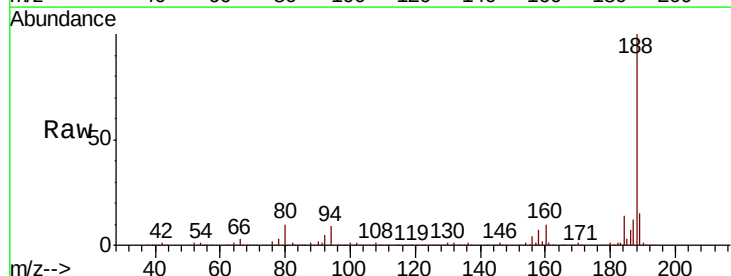


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

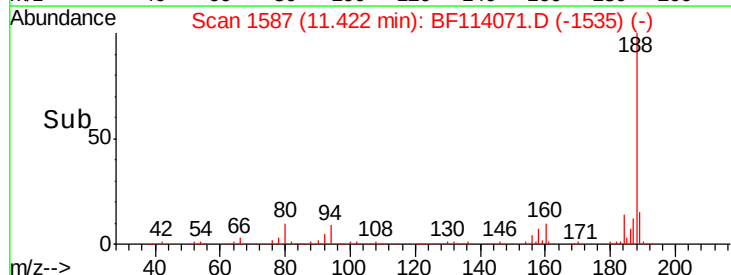
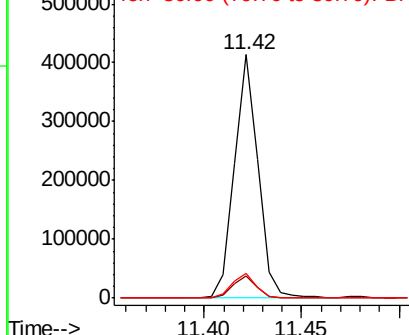


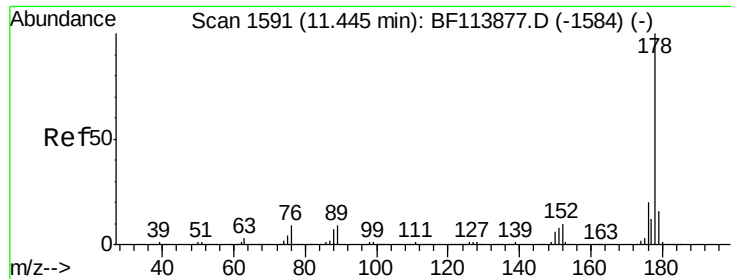
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	347944		
94	9.2		8.2	12.4
80	10.2		9.0	13.6



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





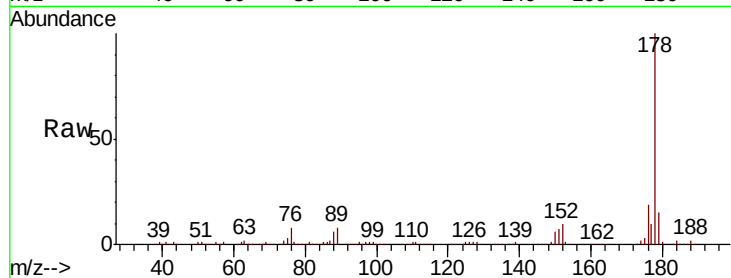
#71
Phenanthrene
Concen: 9.391 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.2	12.8	19.2

Manual Integrations
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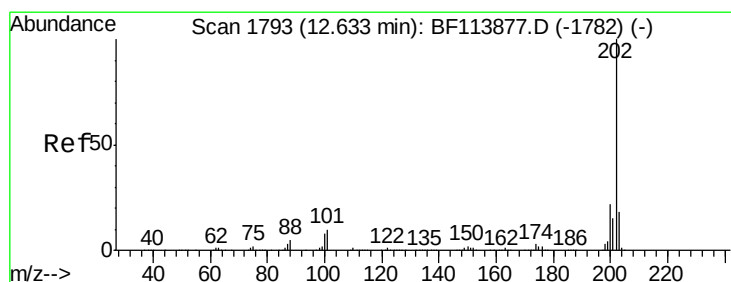
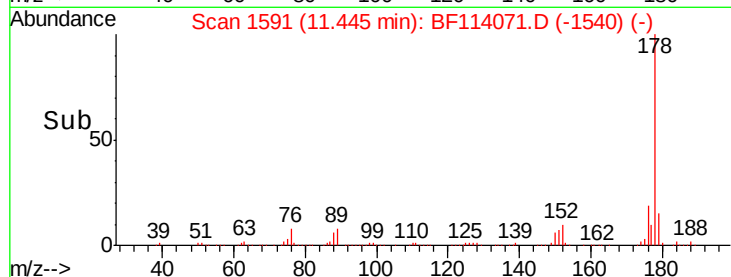
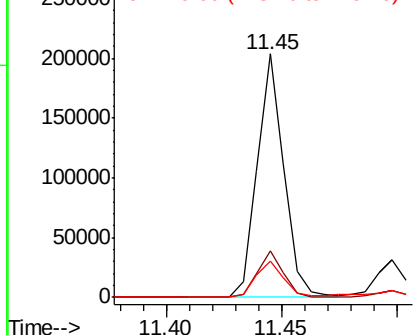


Abundance

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



#75
Fluoranthene
Concen: 13.181 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

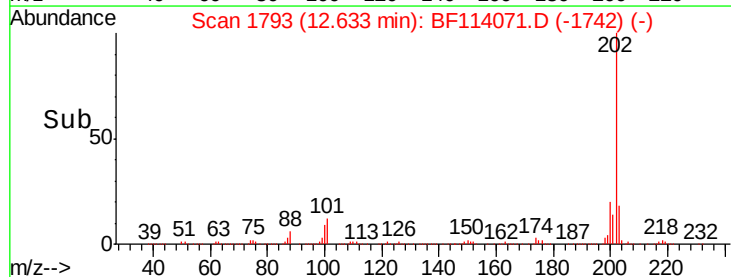
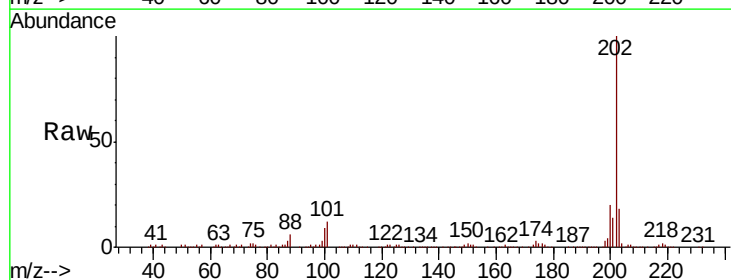
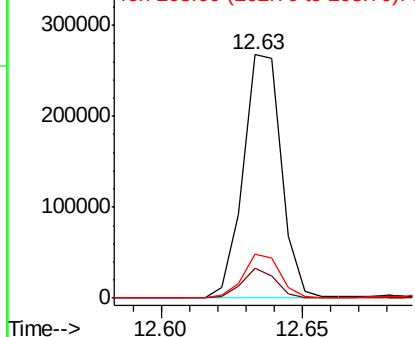
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.9
203	17.8	0.0	38.2

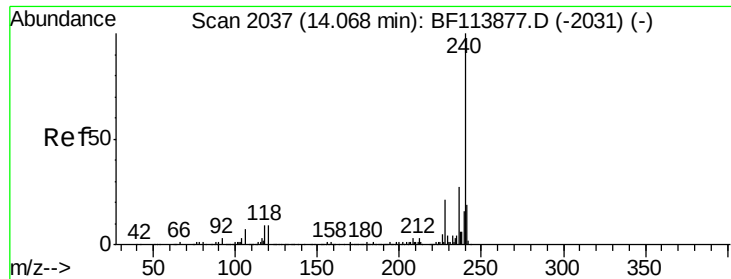
Abundance

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





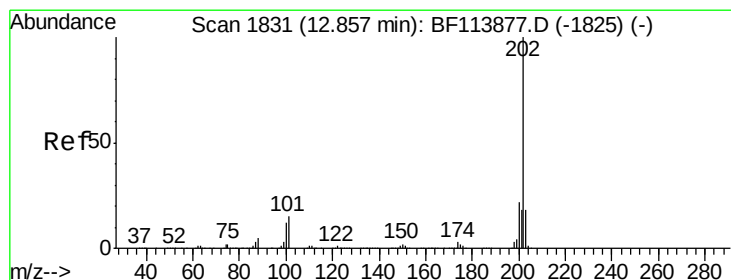
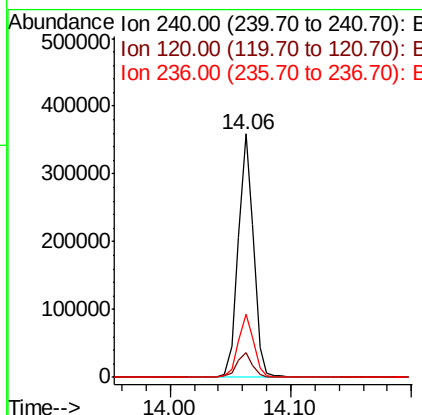
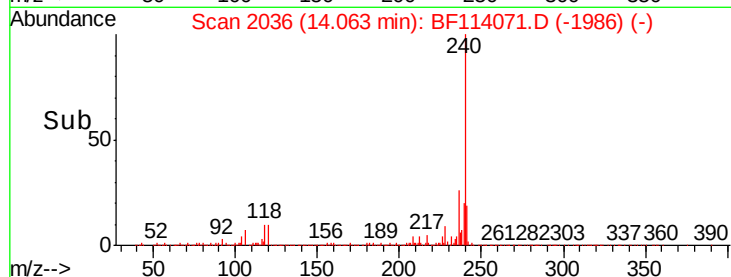
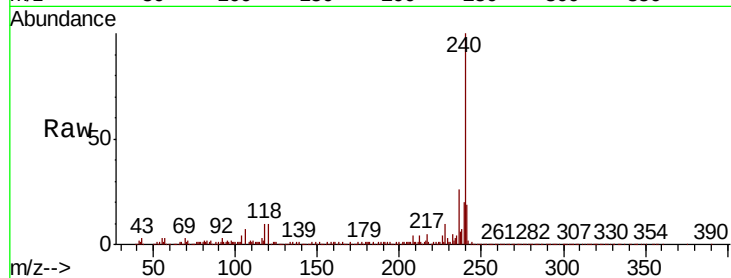
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	25.8	21.2	31.8

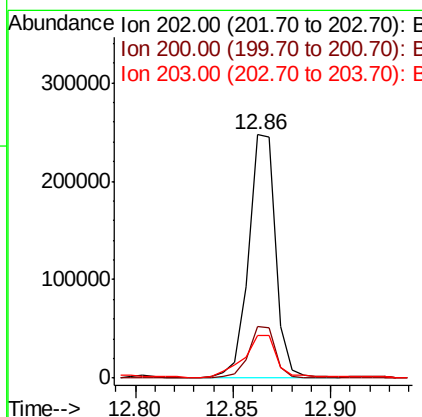
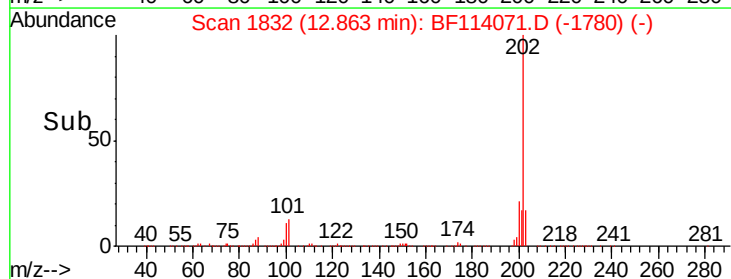
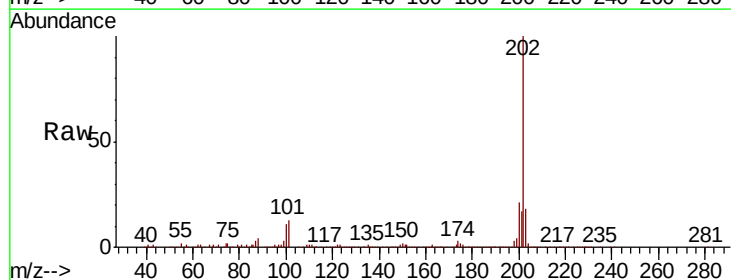
Manual Integrations
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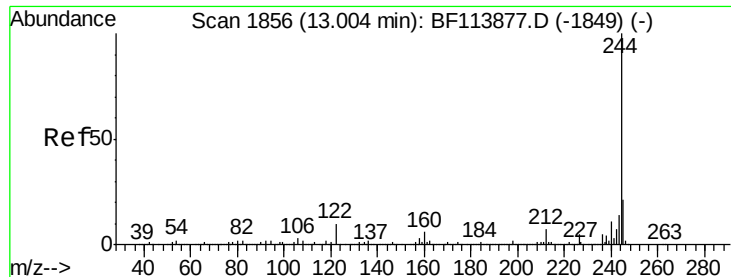
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#78
Pyrene
Concen: 10.712 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.6	15.0	22.6





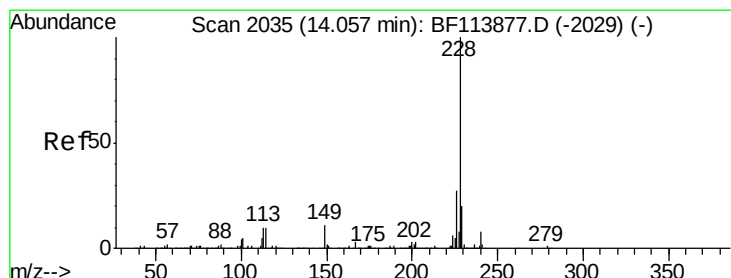
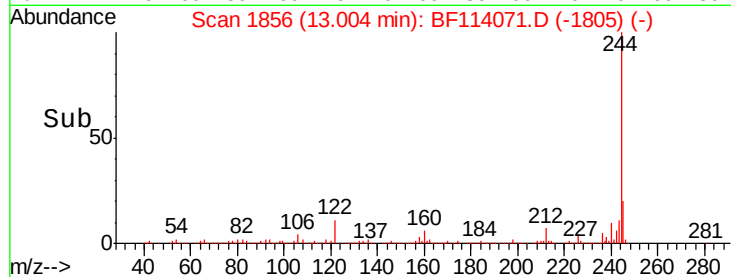
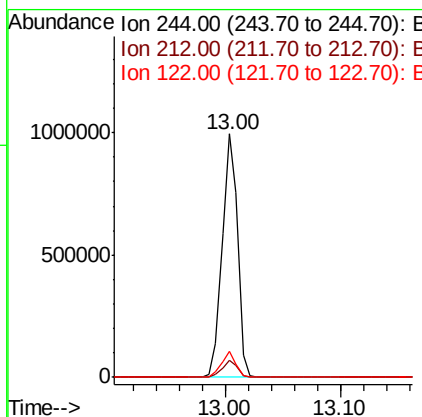
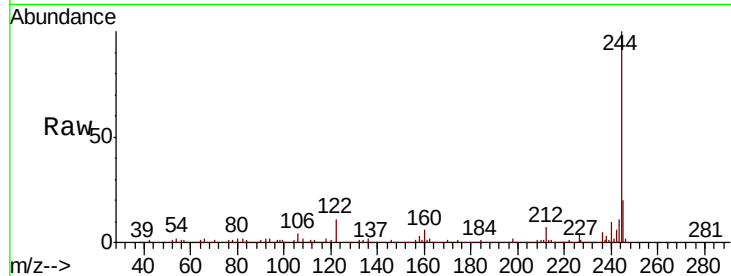
#79
 Terphenyl-d14
 Concen: 59.816 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF114071.D
 Acq: 1 May 2019 16:06

Instrument :
 BNA_F
 ClientSampled :
 SP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.6	7.6	11.4

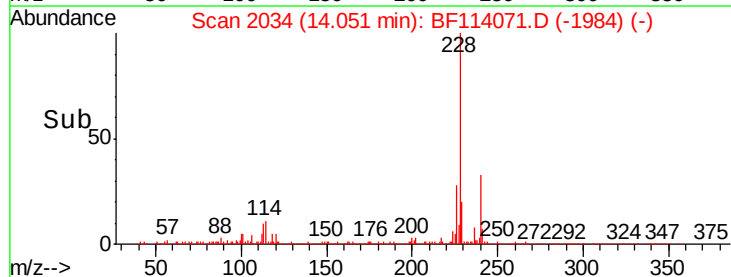
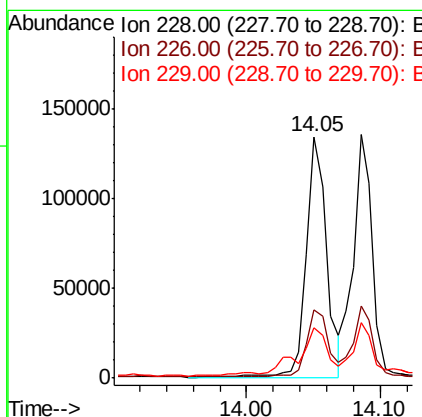
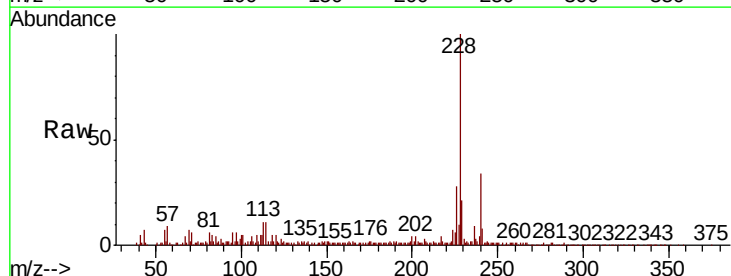
Manual Integrations
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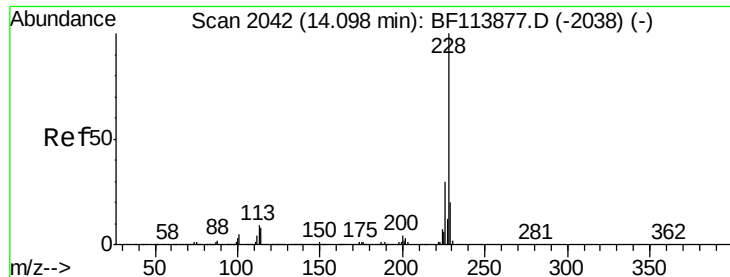
Sohil
 5/2/2019 4:53:48 PM



#81
 Benzo(a)anthracene
 Concen: 7.440 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF114071.D
 Acq: 1 May 2019 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	21.1	16.0	24.0





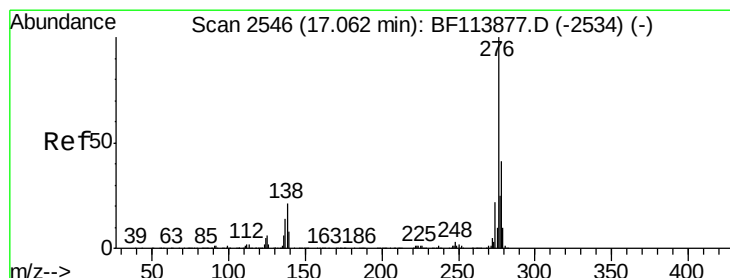
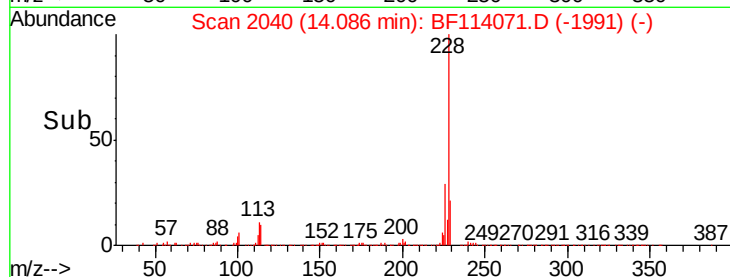
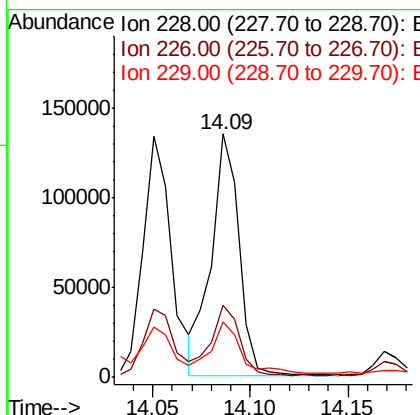
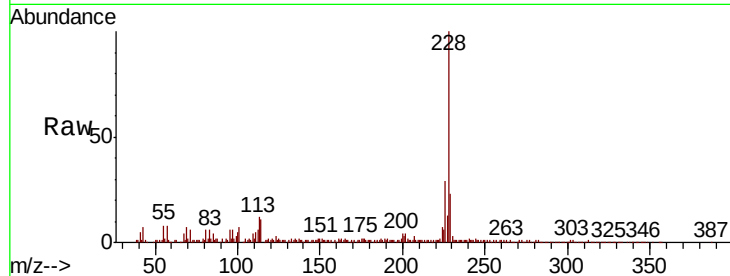
#83
Chrysene
Concen: 7.405 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:	228	Resp:	134243
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.2	37.8
229	22.5	16.7	25.1

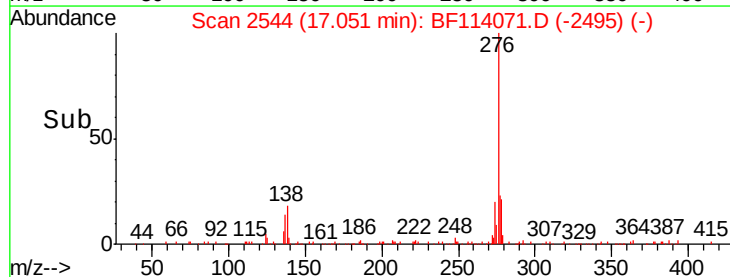
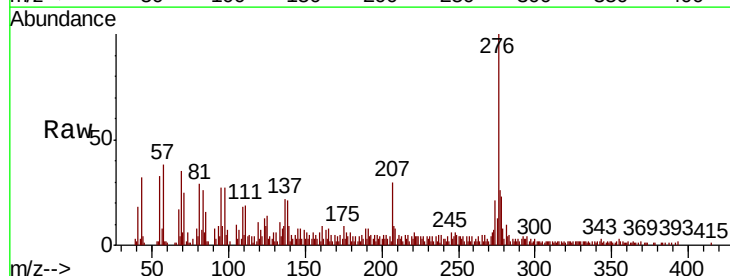
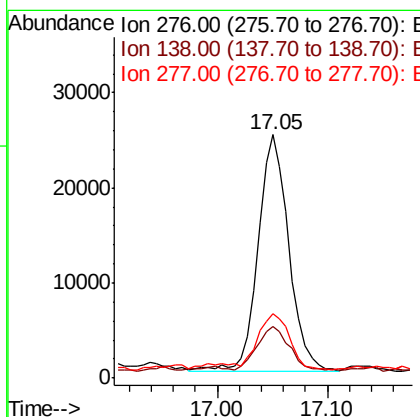
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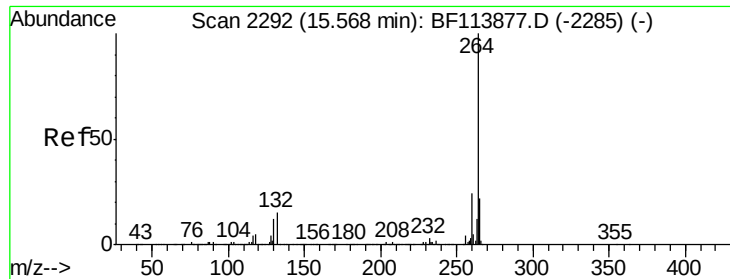
Sohil
5/2/2019 4:53:48 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.796 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion:	276	Resp:	48017
Ion Ratio	Lower	Upper	
276	100		
138	19.4	19.6	29.4#
277	24.4	20.2	30.4





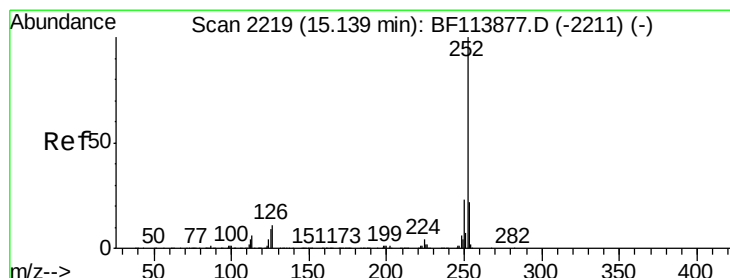
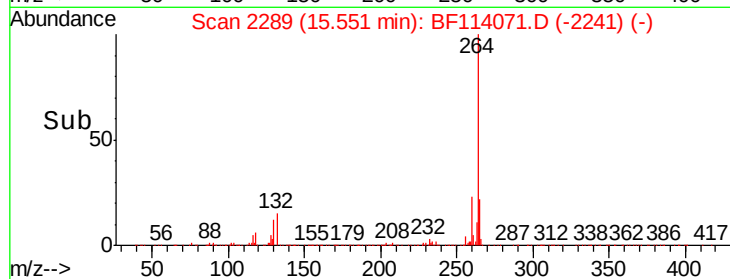
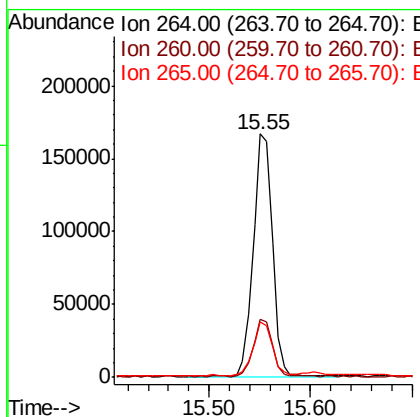
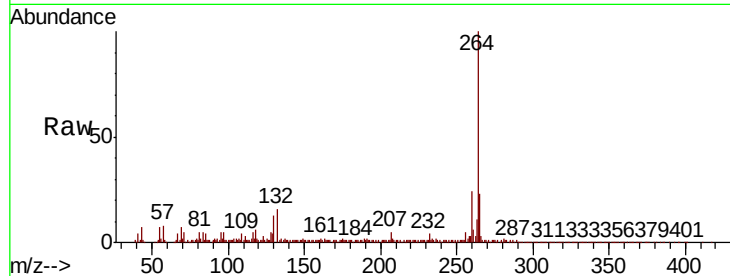
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:	264	Resp:	219225
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	22.5	17.3	25.9

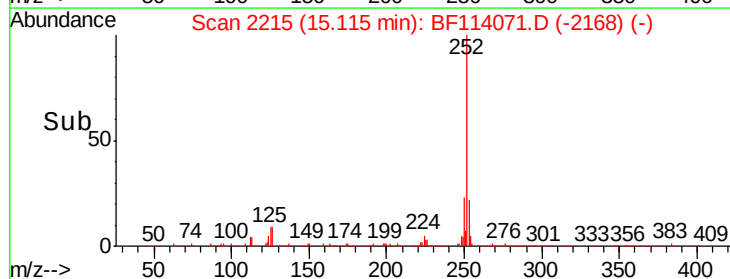
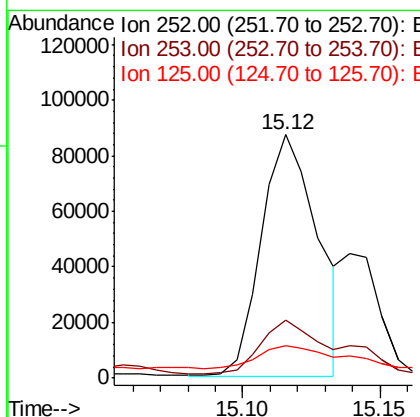
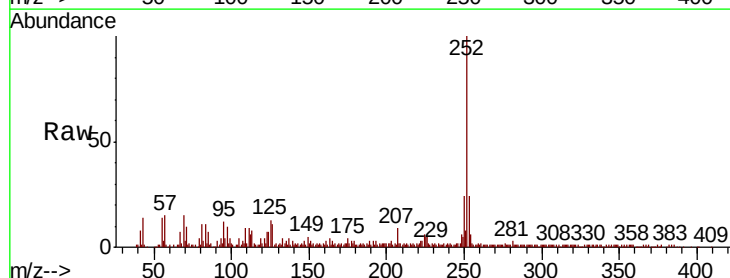
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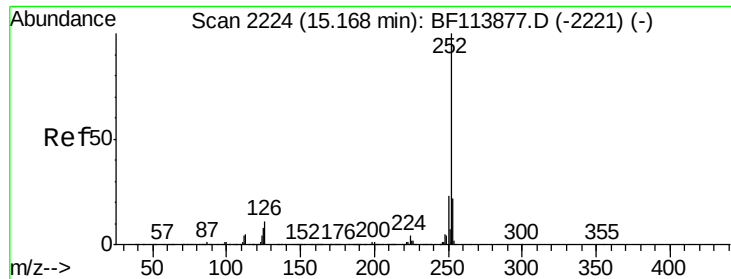
Sohil
5/2/2019 4:53:48 PM



#88
Benzo(b)fluoranthene
Concen: 9.052 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Tgt Ion:	252	Resp:	125555
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	13.4	7.0	10.6#





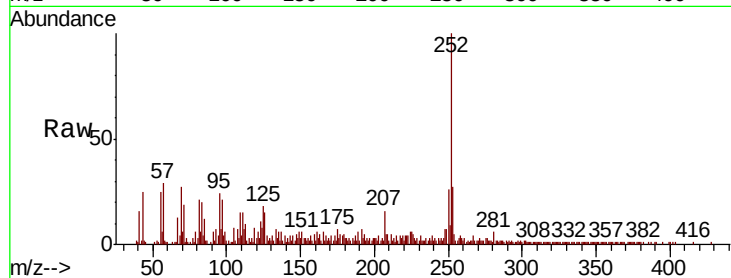
#89
Benzo(k)fluoranthene
Concen: 3.438 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.2	27.2
125	18.1	7.4	11.2

Manual Integrations
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5/2/2019 4:53:48 PM

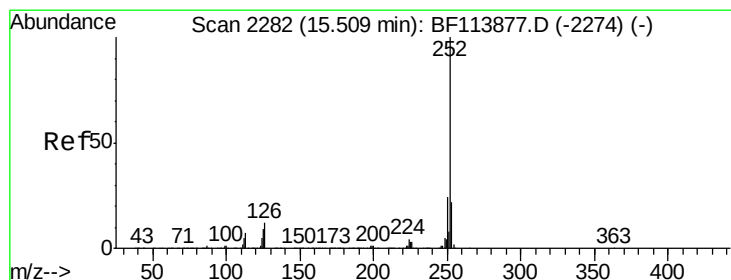
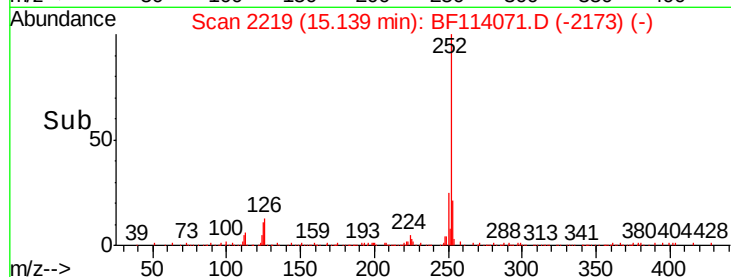
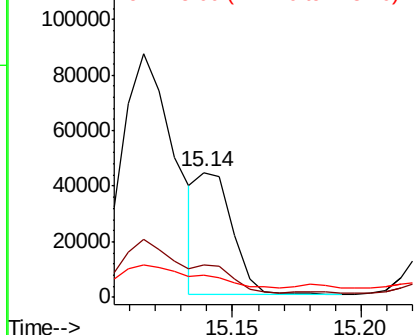


Abundance

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



#90
Benzo(a)pyrene
Concen: 6.739 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114071.D
Acq: 1 May 2019 16:06

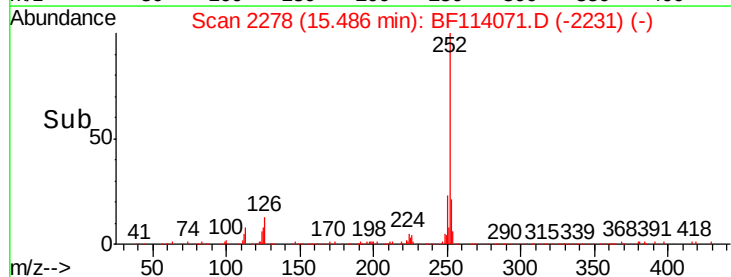
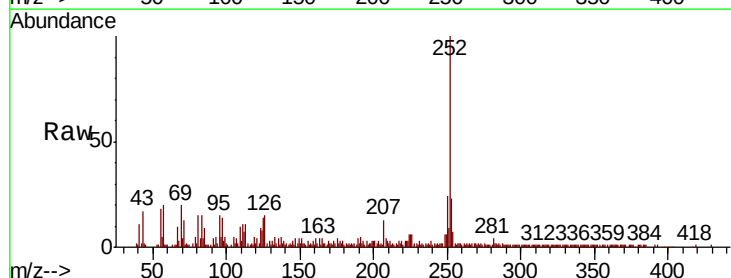
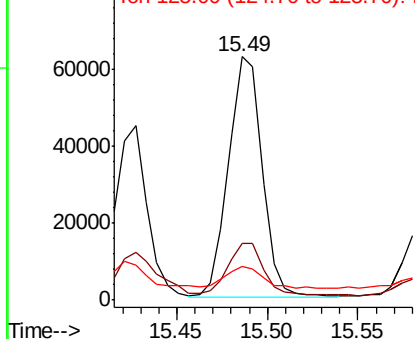
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	14.1	8.5	12.7

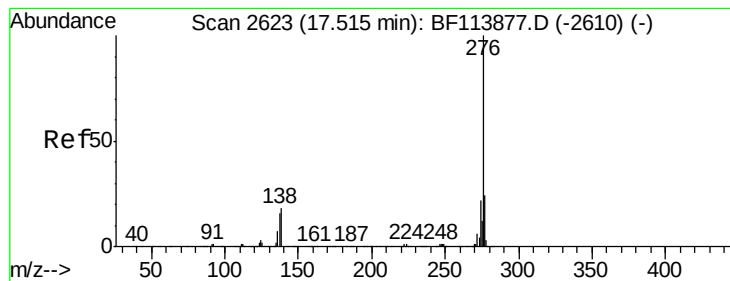
Abundance

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(a,h,i)perylene

Concen: 4.691 ng

RT: 17.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF114071.D

Acq: 1 May 2019 16:06

Instrument :

BNA_F

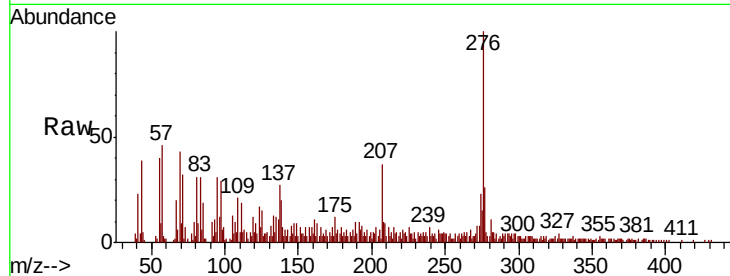
ClientSampleId :

SP-1

Tot Ion:	276	Resp:	53311
Ion Ratio		Lower	Upper
276	100		
277	25.8	19.0	28.4
138	20.4	16.6	25.0

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

