

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118469.D
 Acq On : 3 Jan 2020 21:01
 Operator : JU
 Sample : K6484-46
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 40104-40111

Manual Integrations
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mohammad
 1/6/2020 11:44:11 AM

Quant Time: Jan 04 01:16:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	72361	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	284461	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	139332	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	217877	20.00	ng	0.00
76) Chrysene-d12	14.04	240	187641	20.00	ng	0.00
87) Perylene-d12	15.54	264	190162	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	319561	75.38	ng	0.00
7) Phenol-d6	6.48	99	413955	78.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	260216	52.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	114831	66.74	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	452074	49.53	ng	-0.01
79) Terphenyl-d14	12.97	244	408752	36.14	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	12243	2.071	ng	# 70
50) Dimethylphthalate	9.60	163	27141	2.595	ng	# 98
71) Phenanthrene	11.41	178	56987	4.798	ng	99
75) Fluoranthene	12.61	202	133709	11.154	ng	99
78) Pyrene	12.84	202	118436	7.729	ng	99
81) Benzo(a)anthracene	14.04	228	60938	4.640	ng	97
83) Chrysene	14.07	228	67722	5.385	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	43322	4.775	ng	95
86) Indeno(1,2,3-cd)pyrene	17.06	276	34926	3.259	ng	95
88) Benzo(b)fluoranthene	15.10	252	92820m	7.353	ng	
89) Benzo(k)fluoranthene	15.13	252	32644m	2.693	ng	
90) Benzo(a)pyrene	15.48	252	57320	5.155	ng	# 63
92) Benzo(a,h,i)perylene	17.52	276	36154	3.879	ng	# 91

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

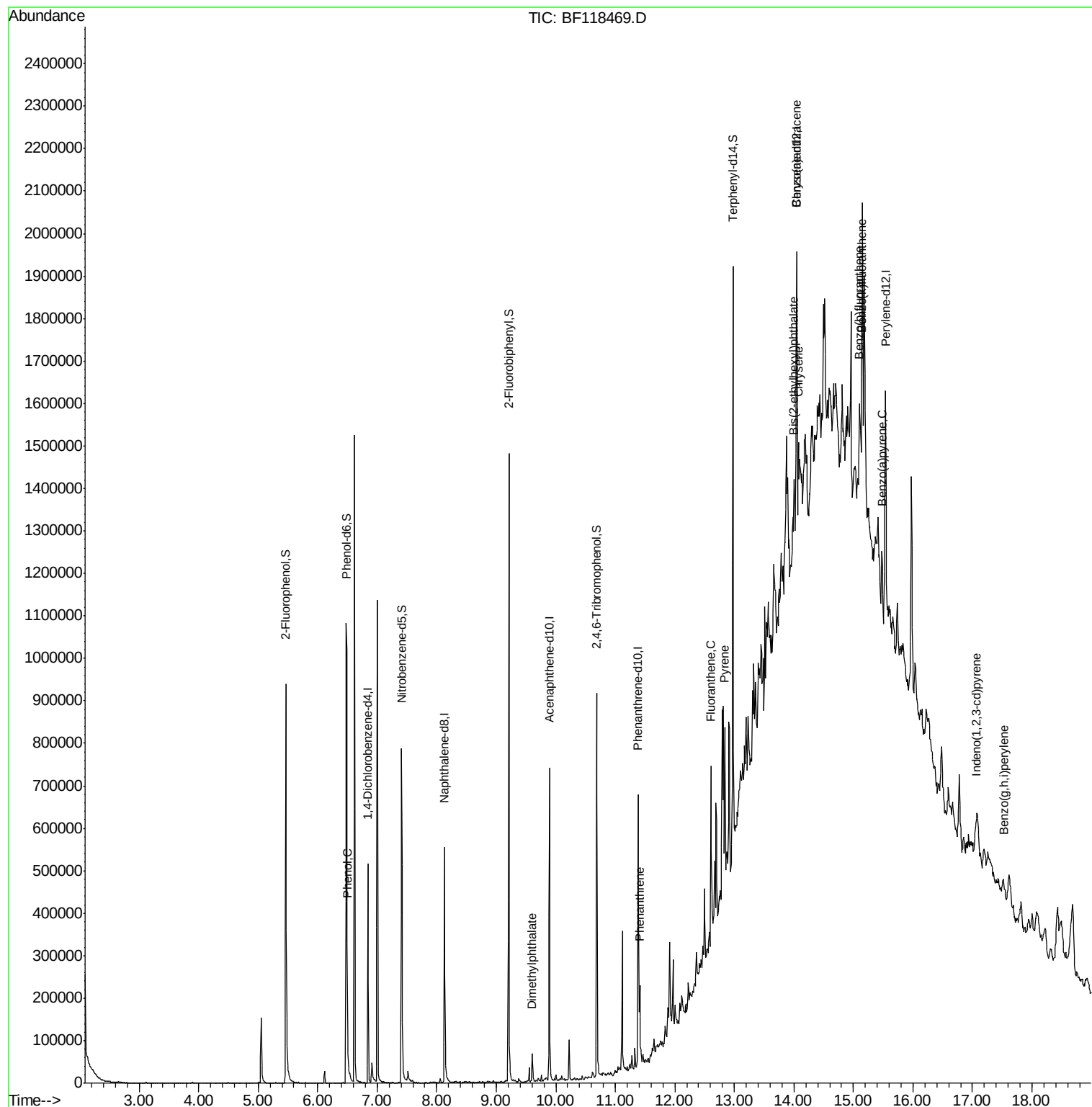
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118469.D
Acq On : 3 Jan 2020 21:01
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Sample : K6484-46
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ALS Vial : 8 Sample Multiplier: 1

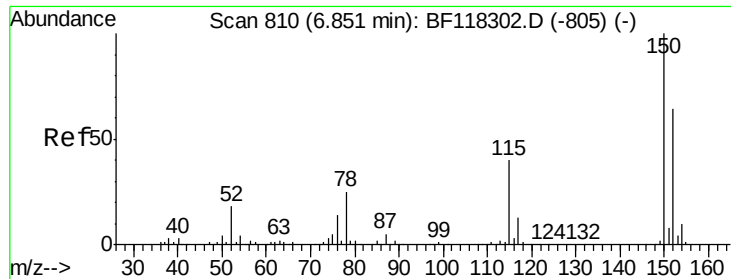
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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#1

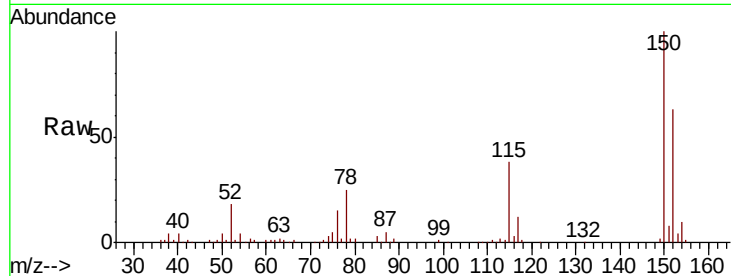
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.4	188.2
115	60.8	50.2	75.4

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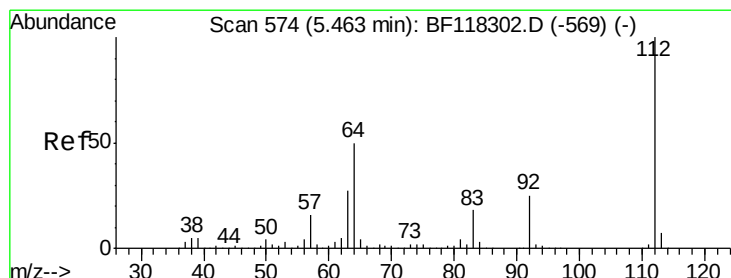
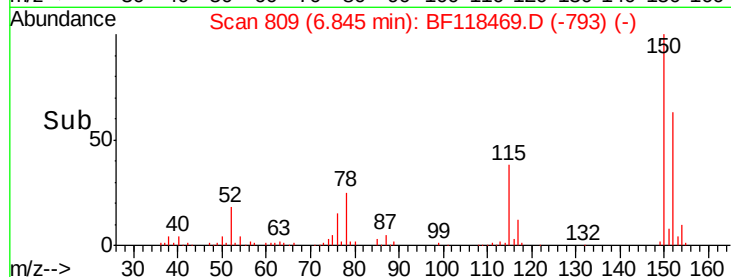
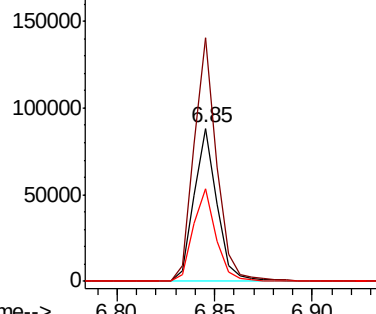


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

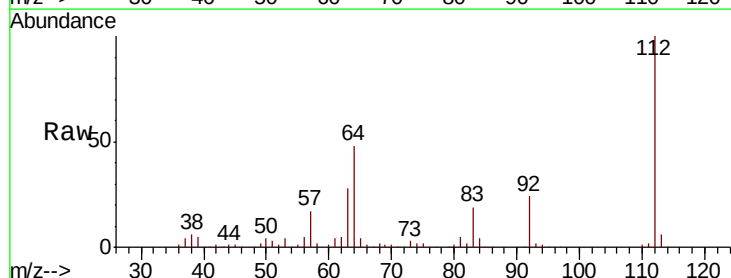
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.384 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.7	59.5
63	28.4	21.7	32.5

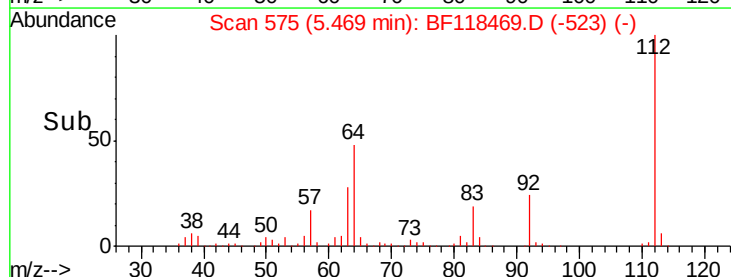
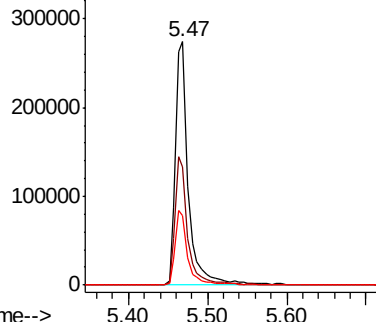


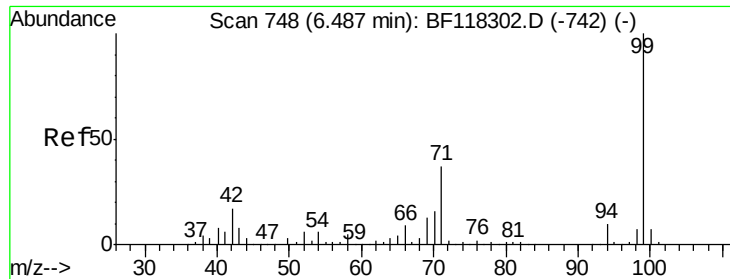
Abundance

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: 78.718 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118469.D

Acq: 3 Jan 2020 21:01

Instrument :

BNA_F

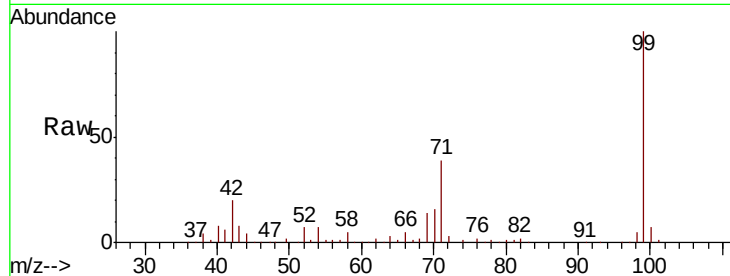
ClientSampleId :

40104-40111

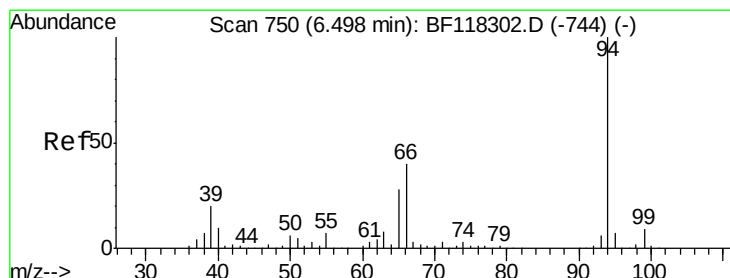
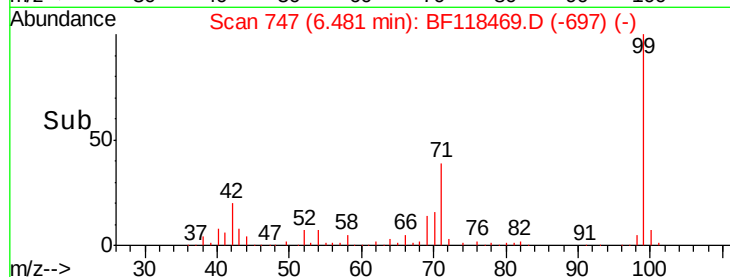
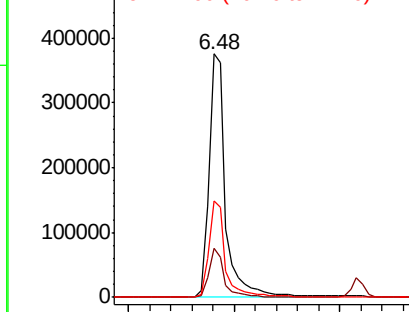
Tot Ion:	99	Resp:	413955
Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.5	20.3
71	39.5	29.4	44.2

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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



#10

Phenol

Concen: 2.071 ng

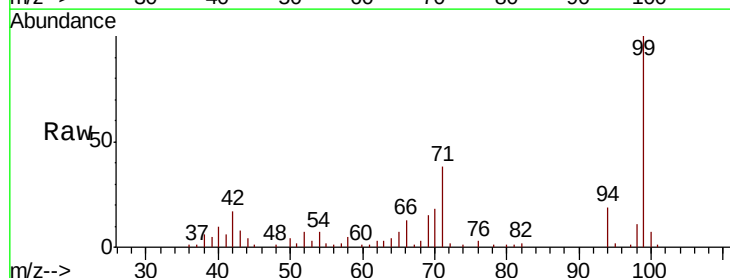
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

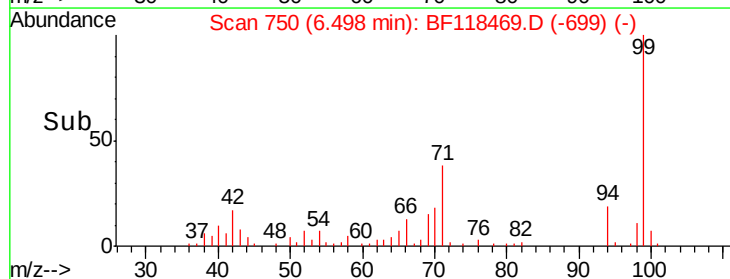
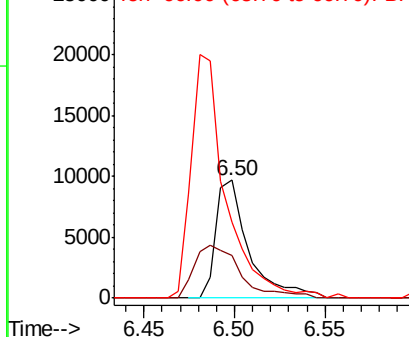
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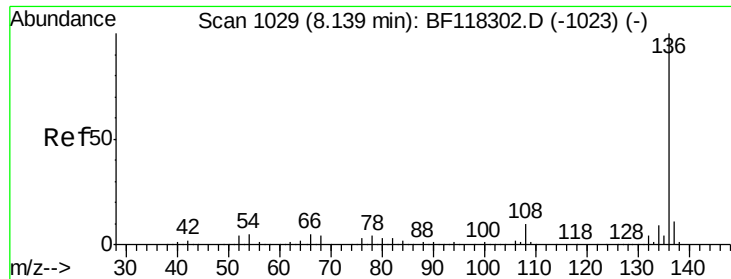
Acq: 3 Jan 2020 21:01

Tgt Ion:	94	Resp:	12243
Ion	Ratio	Lower	Upper
94	100		
65	36.8	7.8	47.8
66	64.8	20.4	60.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





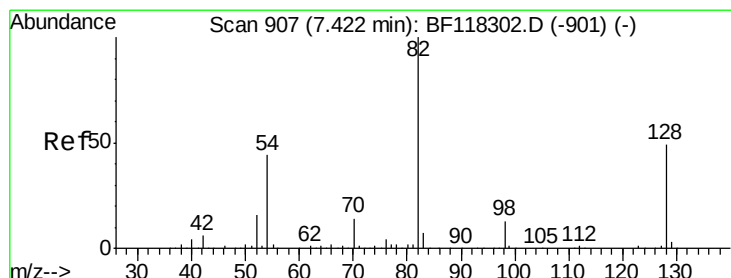
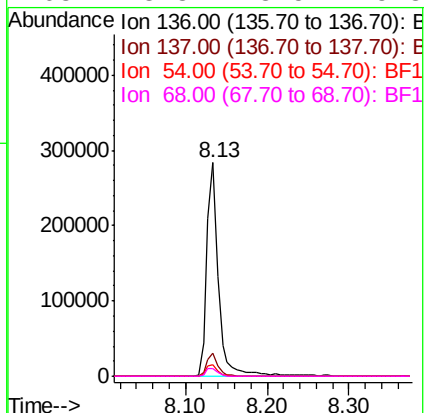
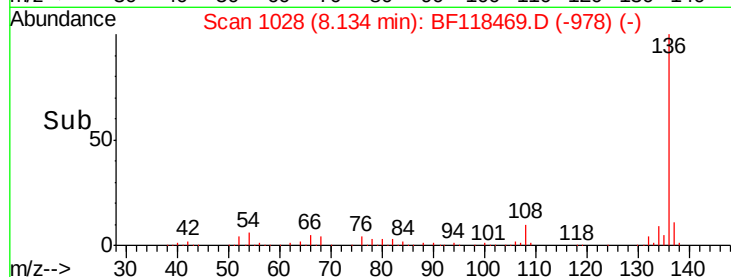
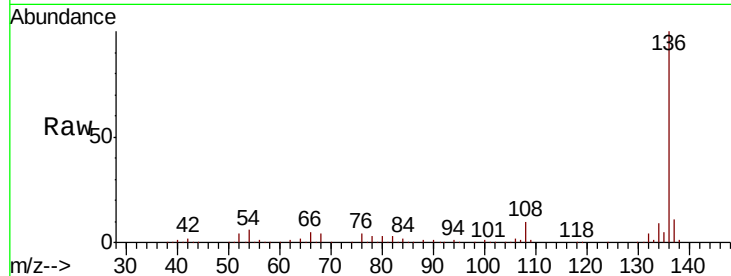
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.9	13.3	
54	5.5		4.2	6.4	
68	3.8		3.5	5.3	

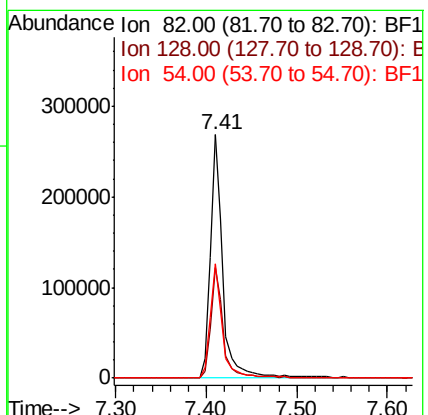
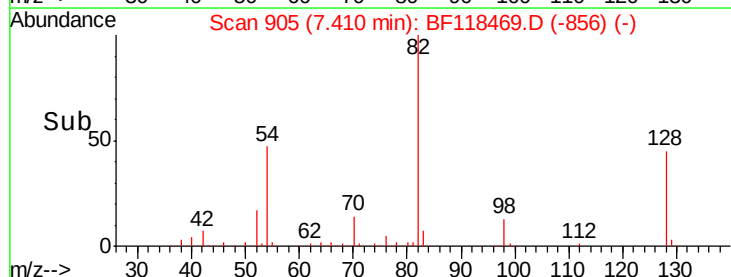
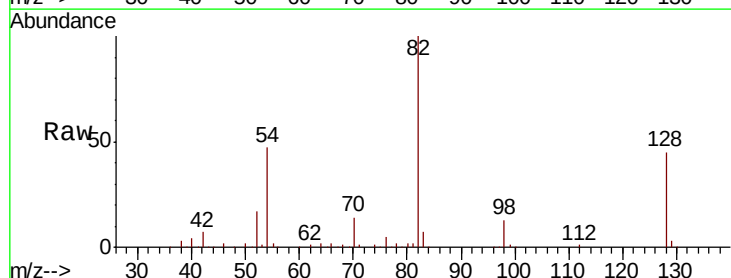
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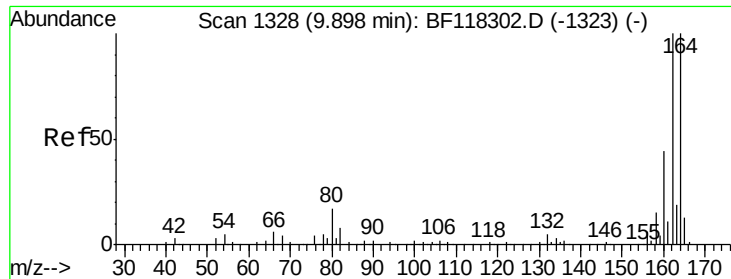
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#23
Nitrobenzene-d5
Concen: 52.320 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.5		39.6	59.4	
54	46.7		34.9	52.3	





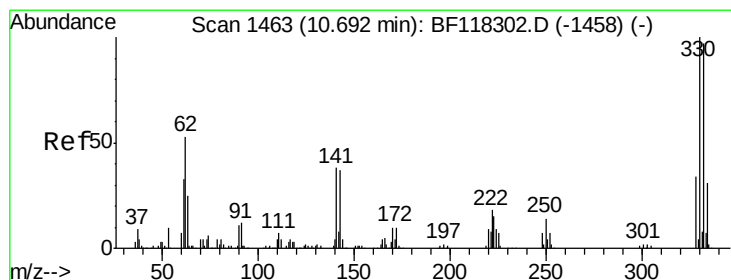
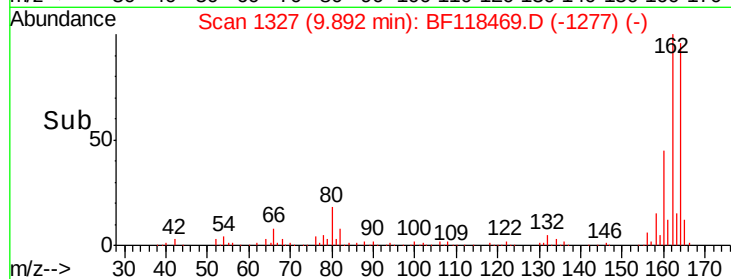
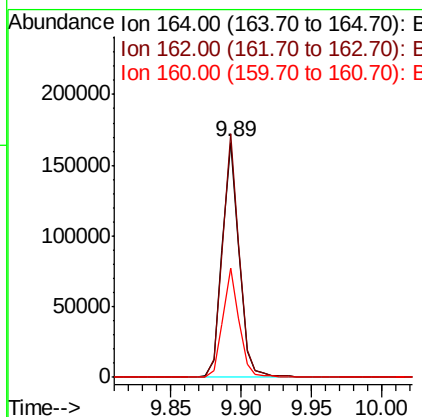
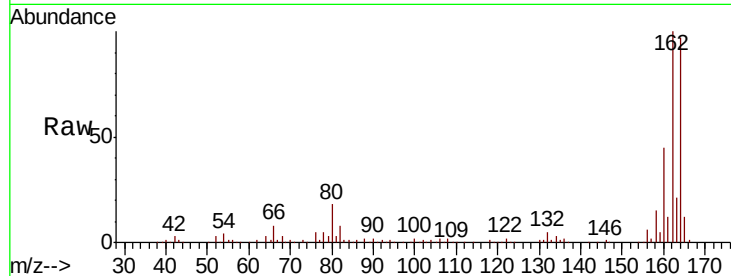
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	80.0	120.0	
160	46.2	34.8	52.2	

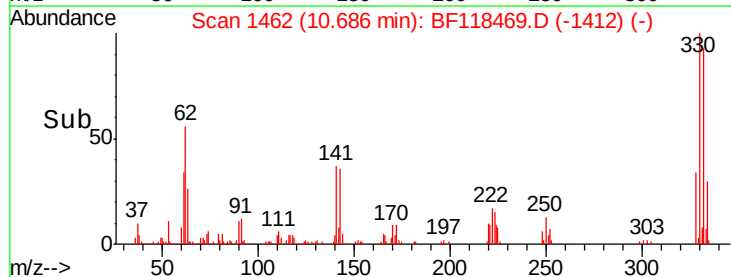
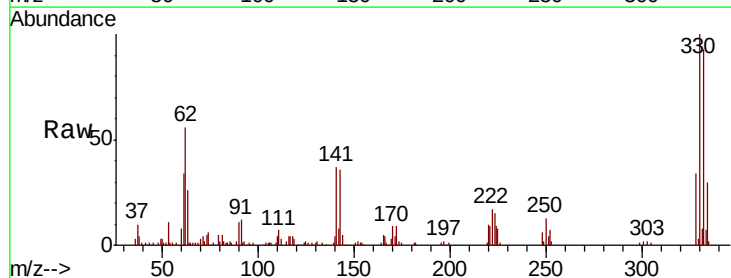
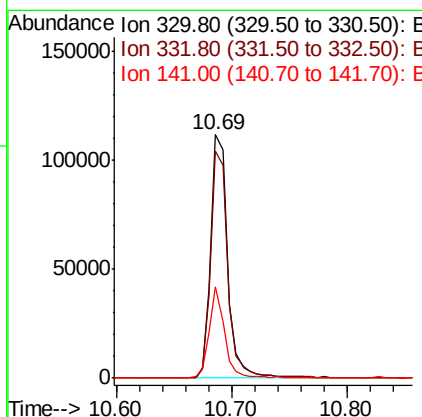
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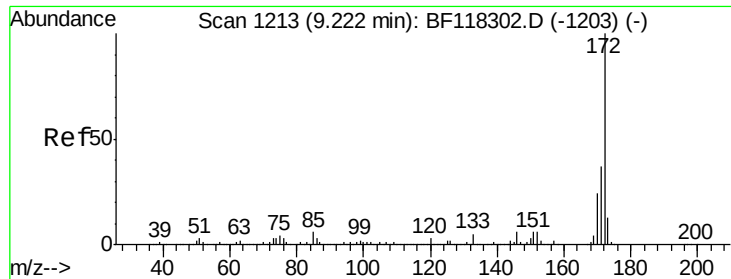
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#42
2,4,6-Tribromophenol
Concen: 66.737 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.0	76.6	114.8	
141	34.2	26.0	39.0	





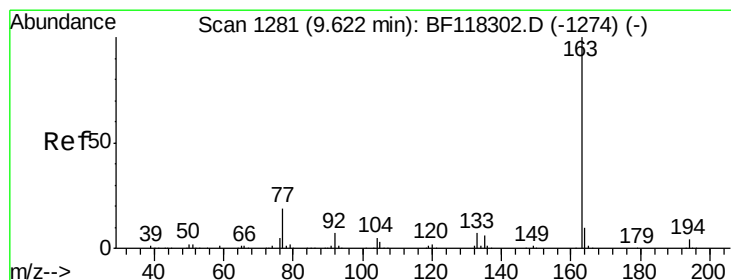
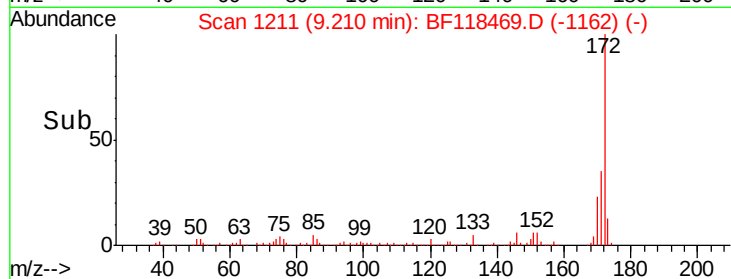
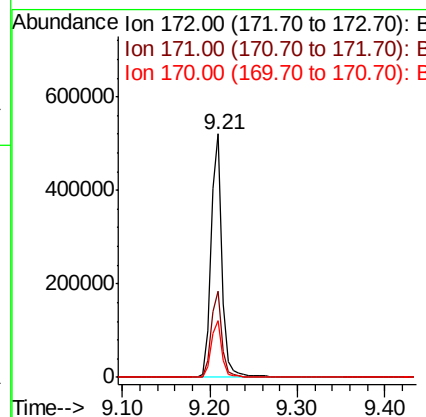
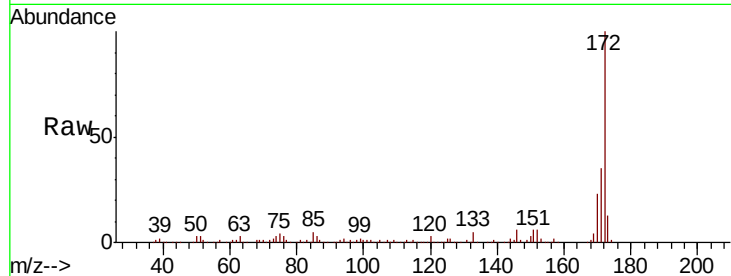
#45
2-Fluorobiphenyl
Concen: 49.528 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.2	19.2	28.8

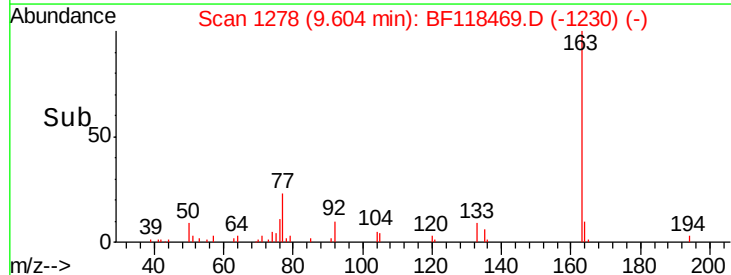
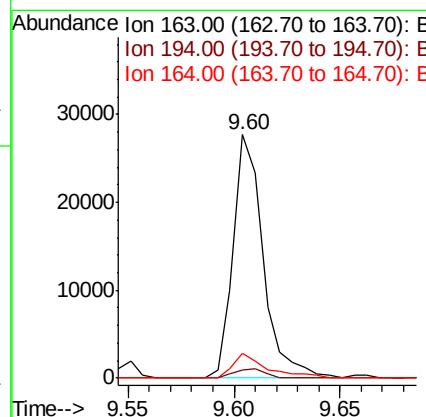
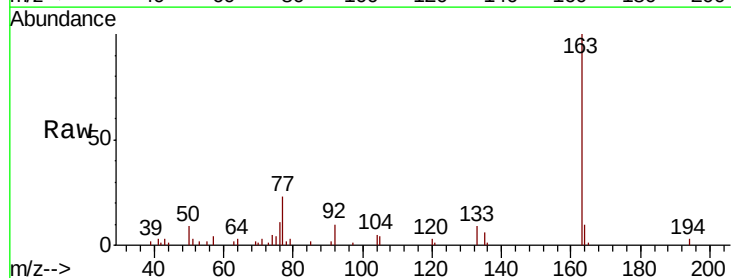
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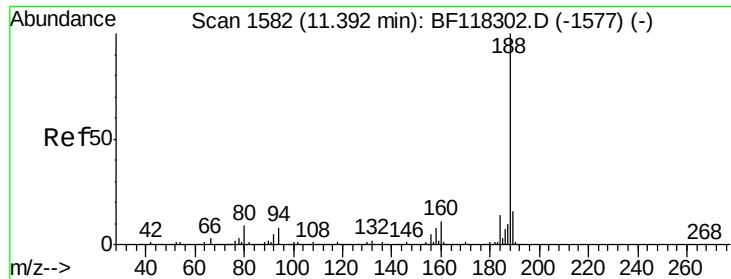
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#50
Dimethylphthalate
Concen: 2.595 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8#
164	10.4	7.9	11.9





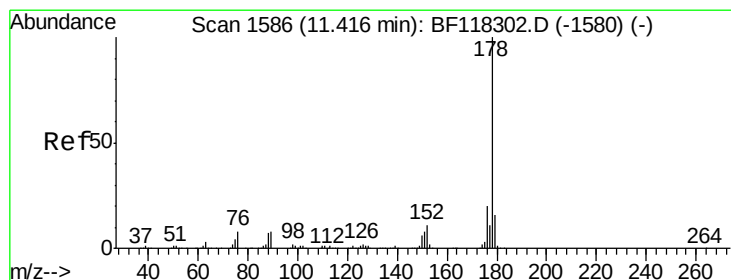
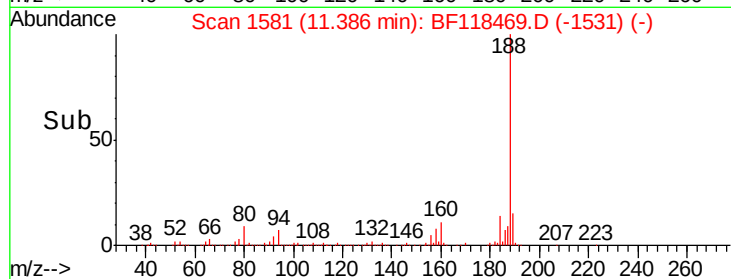
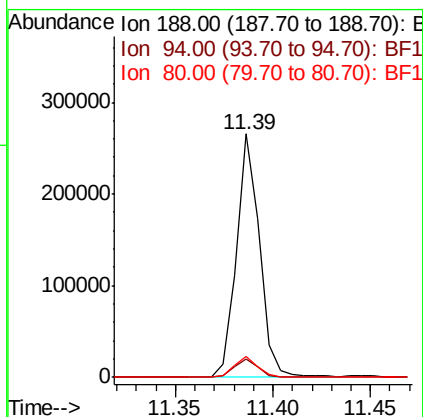
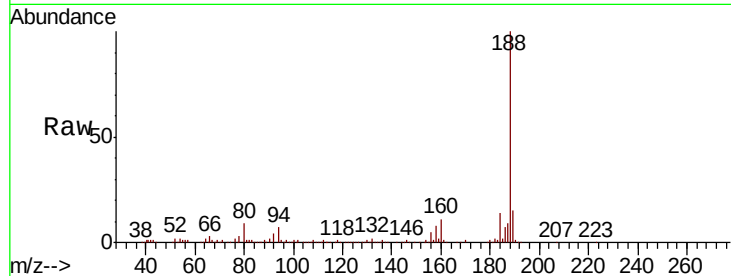
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
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40104-40111

Tot Ion	Ratio	Resp	Lower	Upper
188	100	217877		
94	7.5		6.7	10.1
80	8.6		7.2	10.8

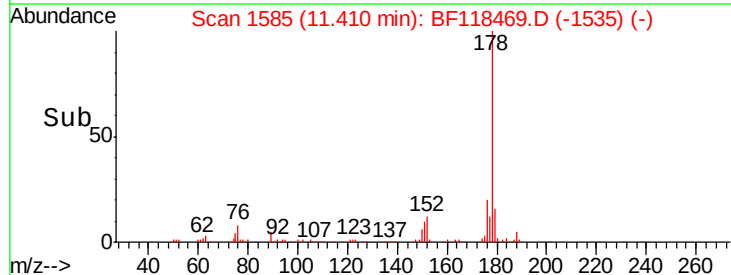
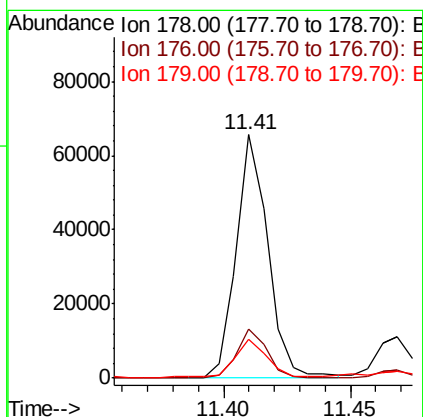
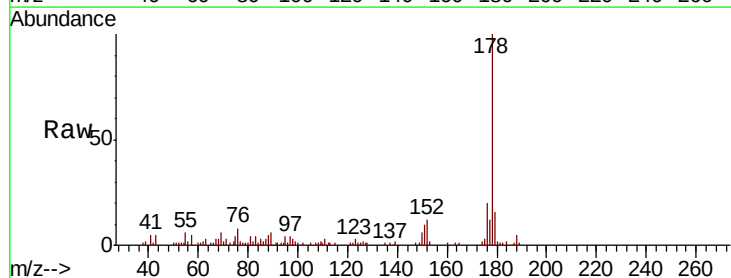
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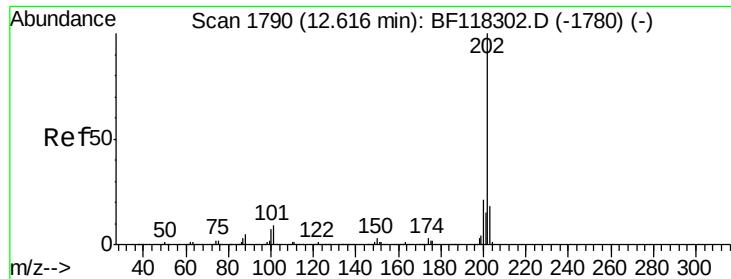
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#71
Phenanthrene
Concen: 4.798 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	56987		
176	20.3		15.6	23.4
179	16.1		12.6	19.0





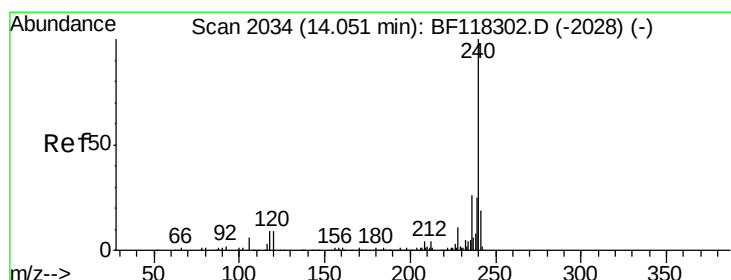
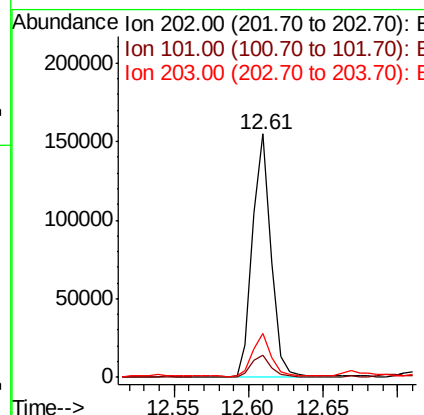
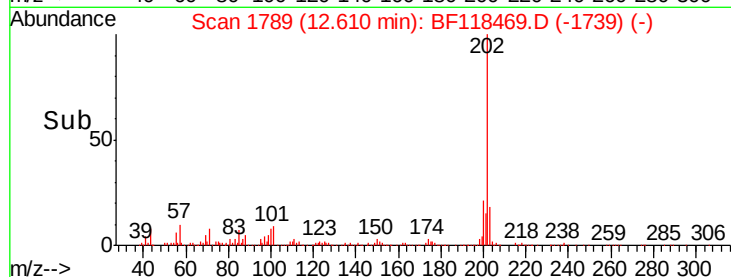
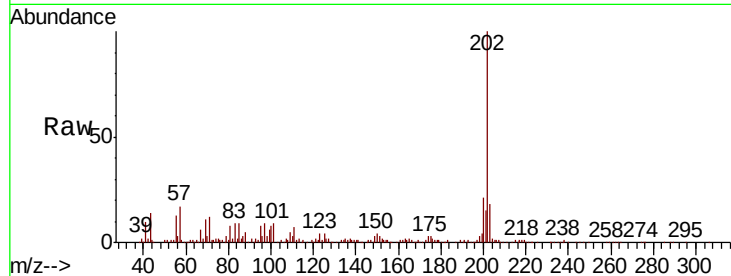
#75
Fluoranthene
Concen: 11.154 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	29.5
203	18.0	0.0	37.6

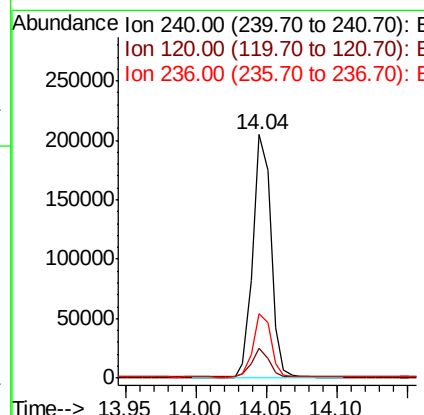
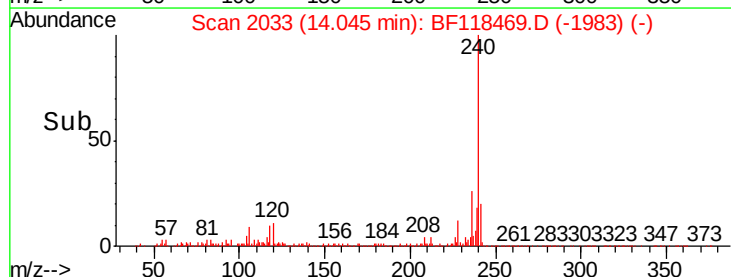
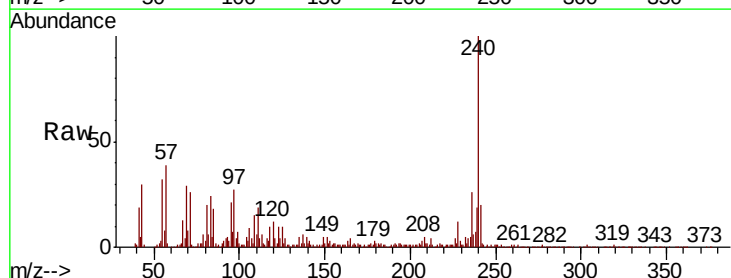
Manual Integrations
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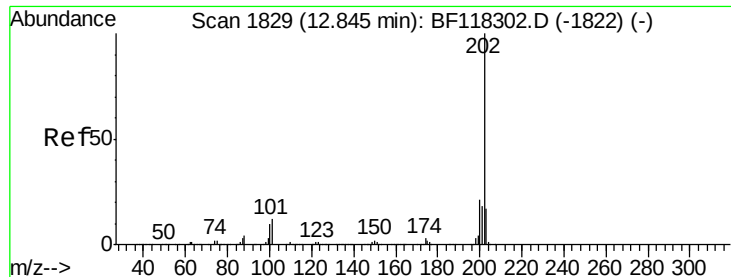
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	7.1	10.7#
236	26.2	21.0	31.6





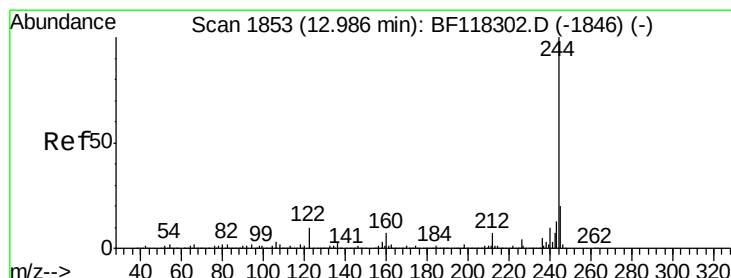
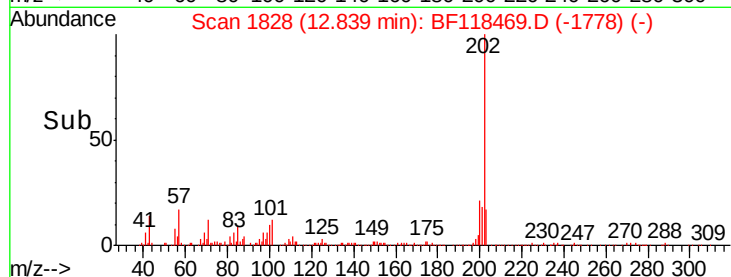
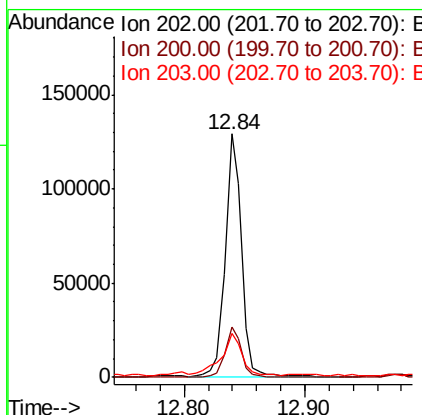
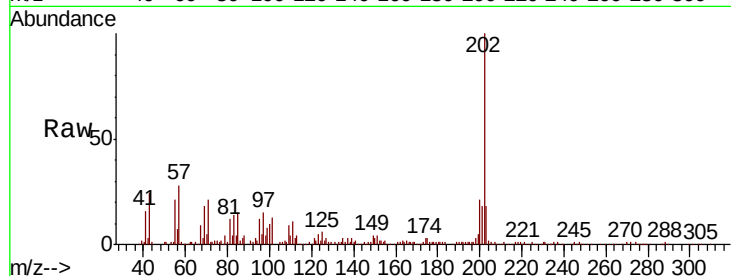
#78
Pvrene
Concen: 7.729 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.9	13.9	20.9

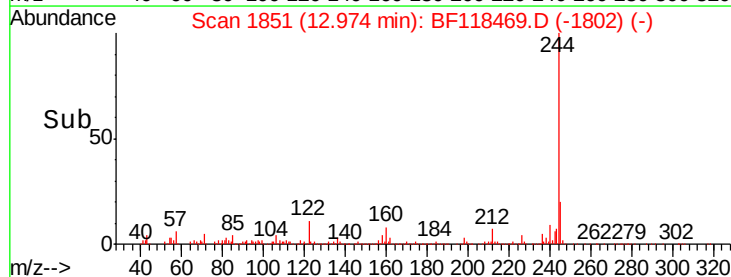
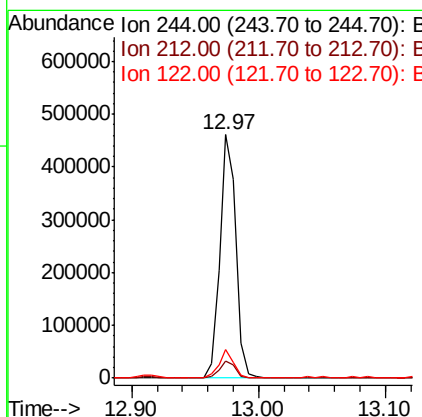
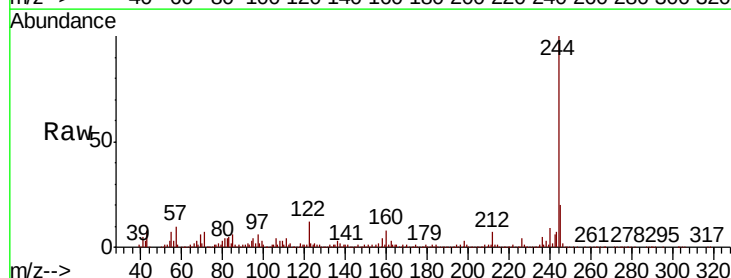
Manual Integrations
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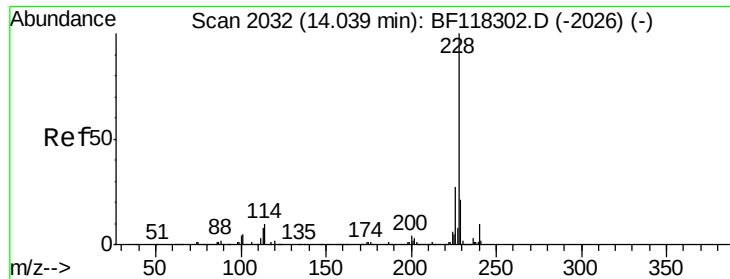
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#79
Terphenyl-d14
Concen: 36.140 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.5	7.8	11.8





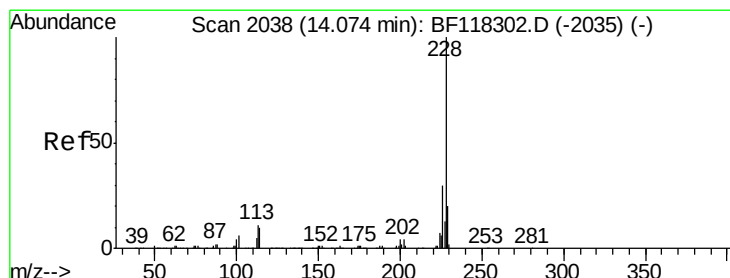
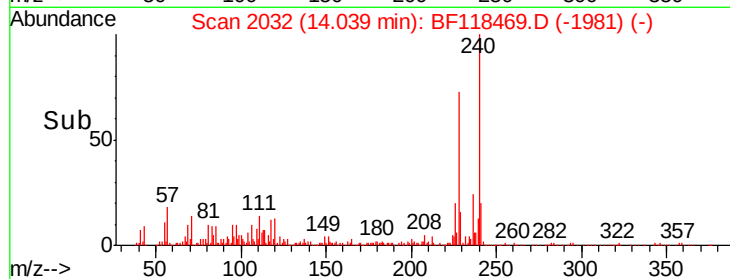
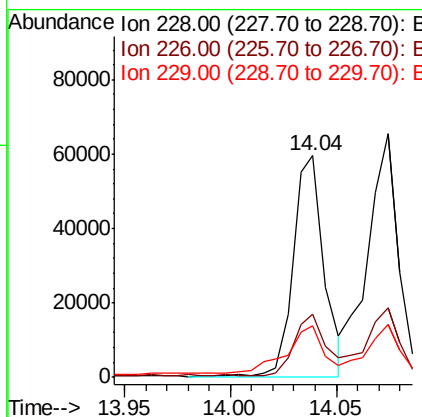
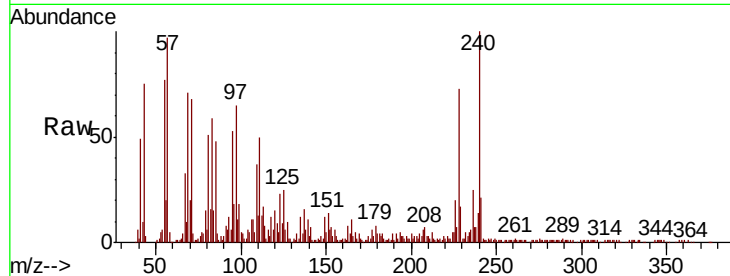
#81
Benzo(a)anthracene
Concen: 4.640 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	23.1	16.6	24.8

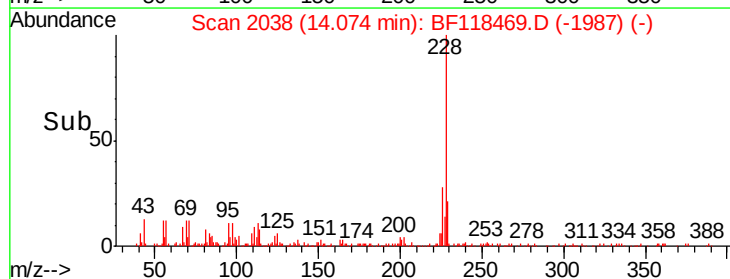
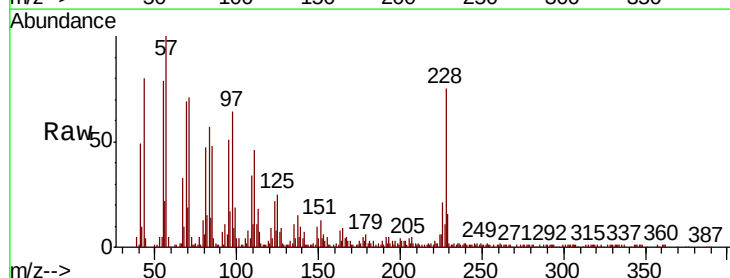
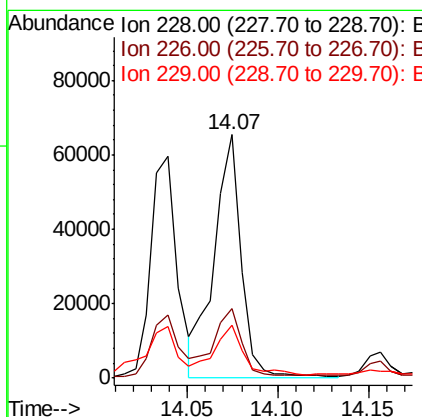
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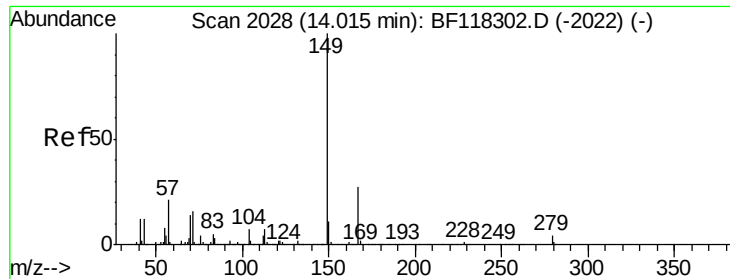
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#83
Chrysene
Concen: 5.385 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	21.8	16.1	24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.775 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118469.D

Acq: 3 Jan 2020 21:01

Instrument :

BNA_F

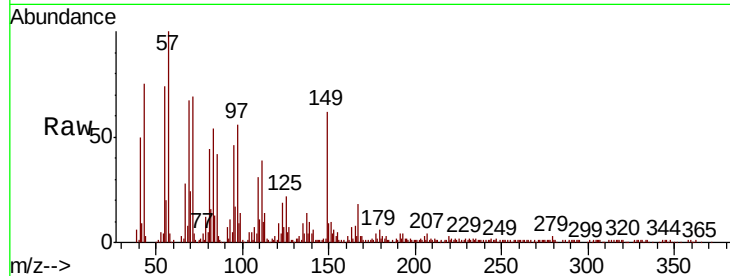
ClientSampleId :

40104-40111

Tot Ion:	149	Resp:	43322
Ion Ratio	Lower	Upper	
149	100		
167	29.6	21.3	31.9
279	5.0	3.4	5.2

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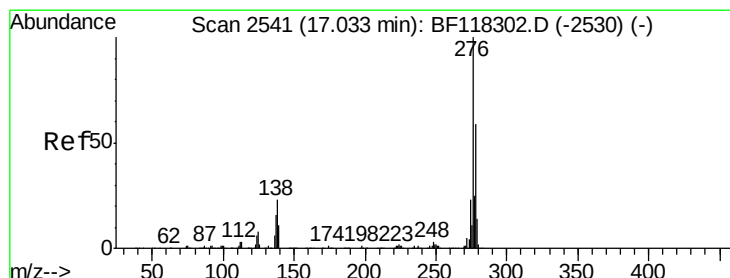
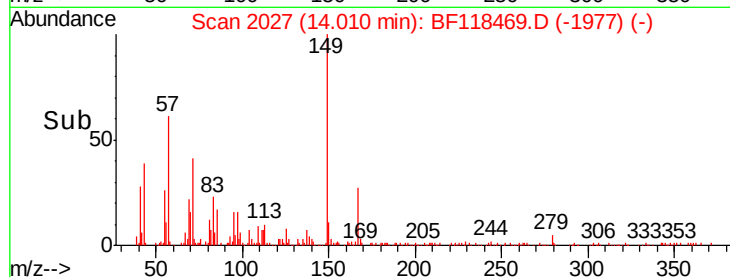
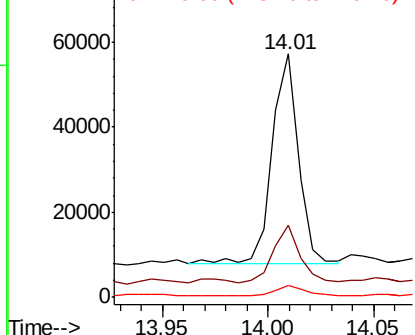


Abundance

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: 3.259 ng

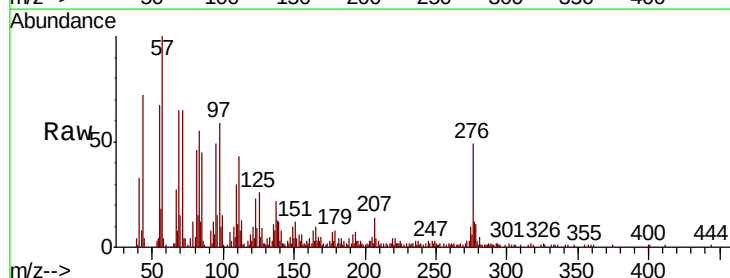
RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF118469.D

Acq: 3 Jan 2020 21:01

Tgt Ion:	276	Resp:	34926
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.5	29.3
277	23.5	20.6	30.8

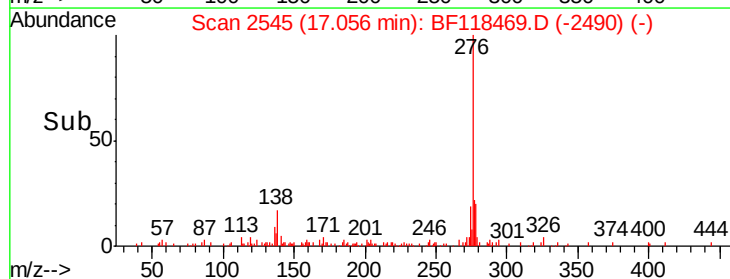
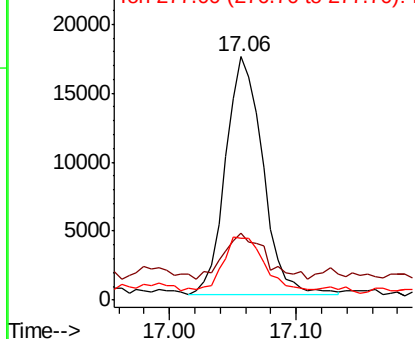


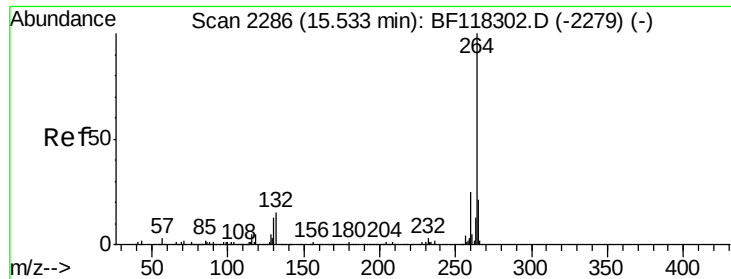
Abundance

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: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118469.D

Acq: 3 Jan 2020 21:01

Instrument :

BNA_F

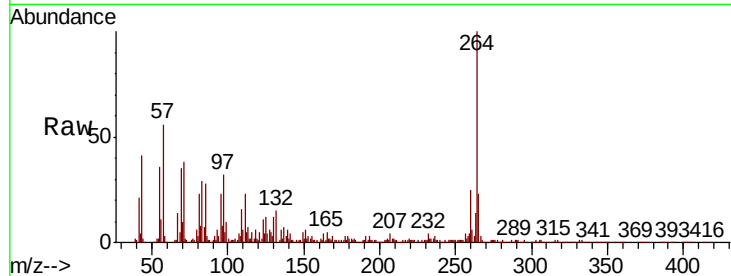
ClientSampleId :

40104-40111

Tot Ion:	264	Resp:	190162
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.6
265	22.7	17.0	25.4

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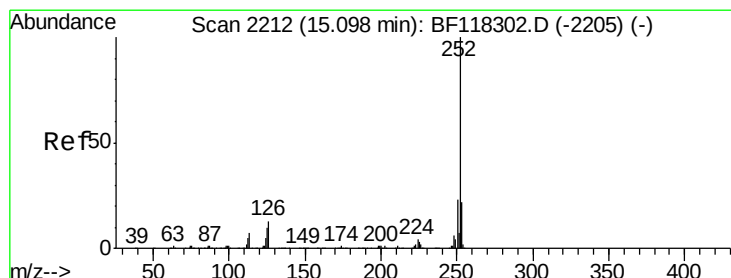
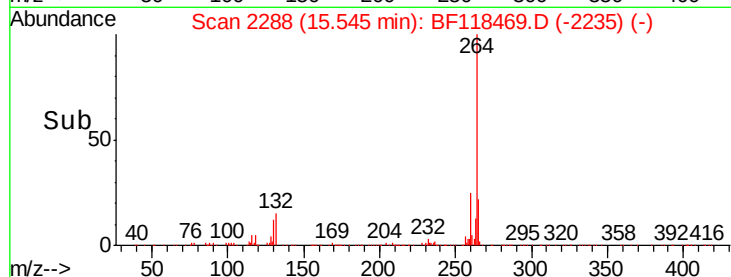
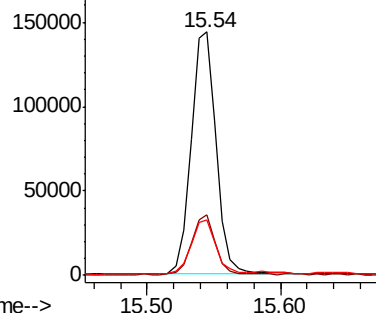


Abundance

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: 7.353 ng m

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF118469.D

Acq: 3 Jan 2020 21:01

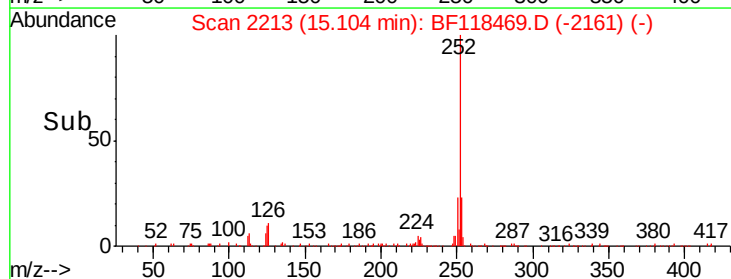
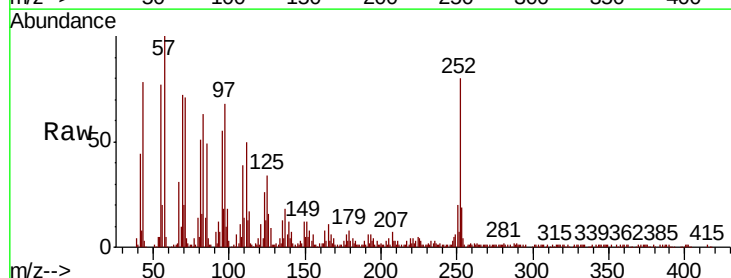
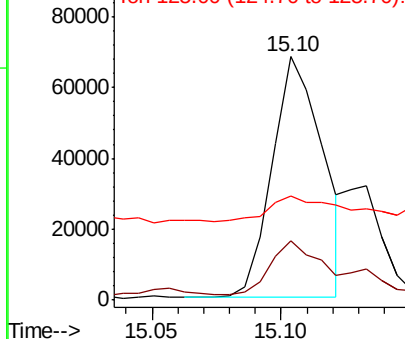
Tgt Ion:	252	Resp:	92820
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	42.8	7.7	11.5#

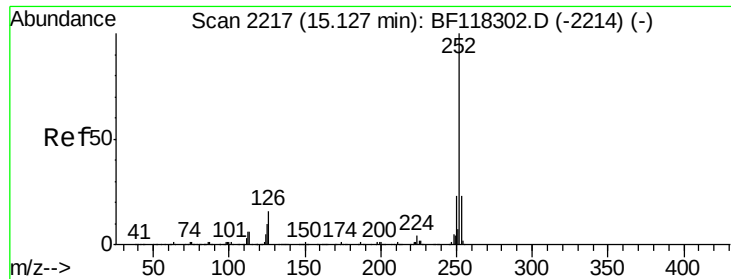
Abundance

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





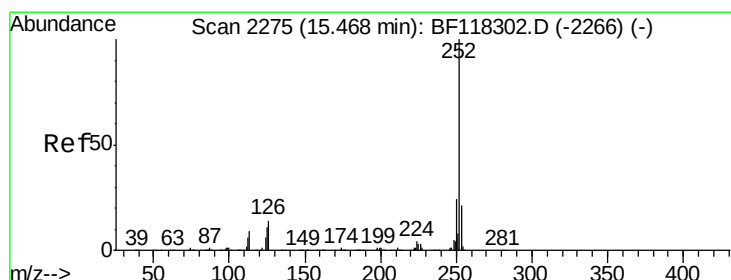
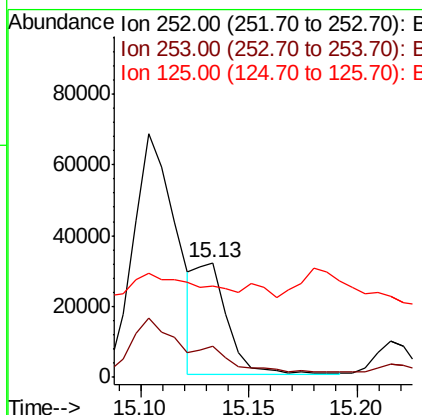
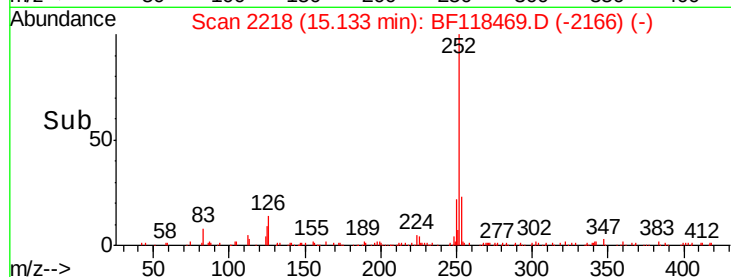
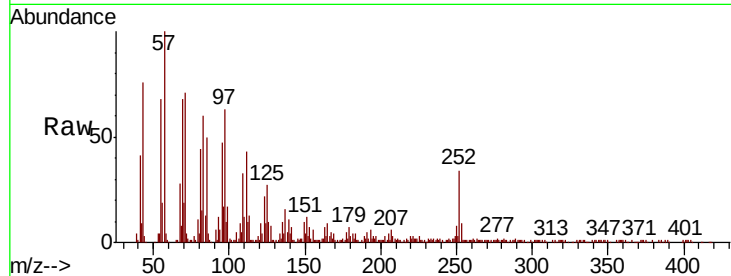
#89
Benzo(k)fluoranthene
Concen: 2.693 ng m
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Instrument :
BNA_F
ClientSampleId :
40104-40111

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	79.0	8.0	12.0#

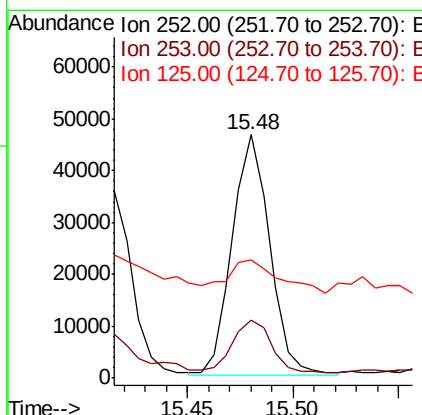
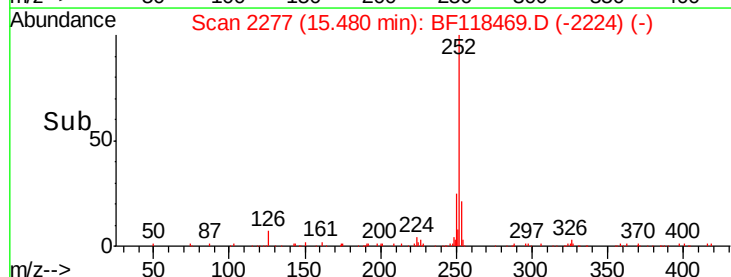
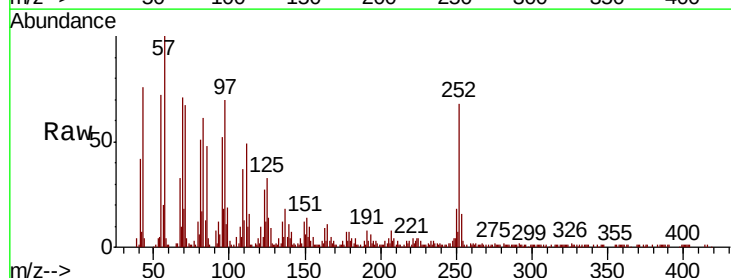
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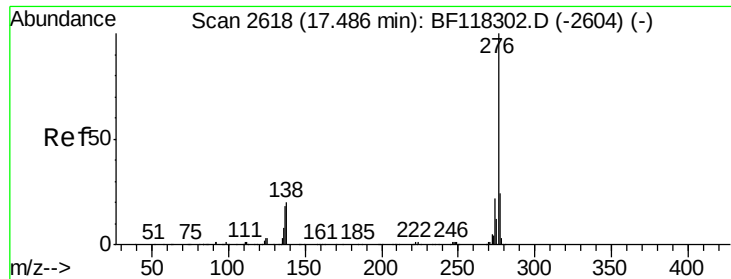
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#90
Benzo(a)pyrene
Concen: 5.155 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF118469.D
Acq: 3 Jan 2020 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	48.6	9.0	13.4#





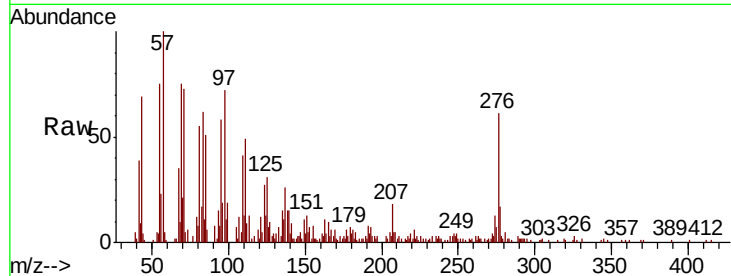
#92
 Benzo(a,h,i)perylene
 Concen: 3.879 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. 0.04 min
 Lab File: BF118469.D
 Acq: 3 Jan 2020 21:01

Instrument :
 BNA_F
 ClientSampleId :
 40104-40111

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	27.8	19.1	28.7		
138	25.3	16.1	24.1		

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

