

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
 Data File : BF118467.D
 Acq On : 3 Jan 2020 20:05
 Operator : JU
 Sample : K6472-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K309-WC-01

Manual Integrations
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mohammad
 1/6/2020 11:44:01 AM

Quant Time: Jan 04 01:03:34 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	65194	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	319762	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	177818	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	275622	20.00	ng	0.00
76) Chrysene-d12	14.04	240	189520	20.00	ng	0.00
87) Perylene-d12	15.54	264	199239	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	345420	90.44	ng	0.00
7) Phenol-d6	6.48	99	459806	97.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	334448	59.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	170253	77.53	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	727025	62.41	ng	-0.01
79) Terphenyl-d14	12.97	244	694648	60.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	12267	2.304	ng	# 42
50) Dimethylphthalate	9.60	163	57336	4.296	ng	98
71) Phenanthrene	11.41	178	84626	5.632	ng	98
75) Fluoranthene	12.61	202	171138	11.286	ng	99
78) Pyrene	12.84	202	152570	9.858	ng	98
81) Benzo(a)anthracene	14.03	228	87693	6.610	ng	98
83) Chrysene	14.07	228	73594	5.794	ng	97
86) Indeno(1,2,3-cd)pyrene	17.04	276	51642	4.771	ng	95
88) Benzo(b)fluoranthene	15.10	252	102041m	7.715	ng	
89) Benzo(k)fluoranthene	15.12	252	35071m	2.762	ng	
90) Benzo(a)pyrene	15.47	252	83364	7.155	ng	97
92) Benzo(a,h,i)perylene	17.50	276	47401	4.853	ng	96

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

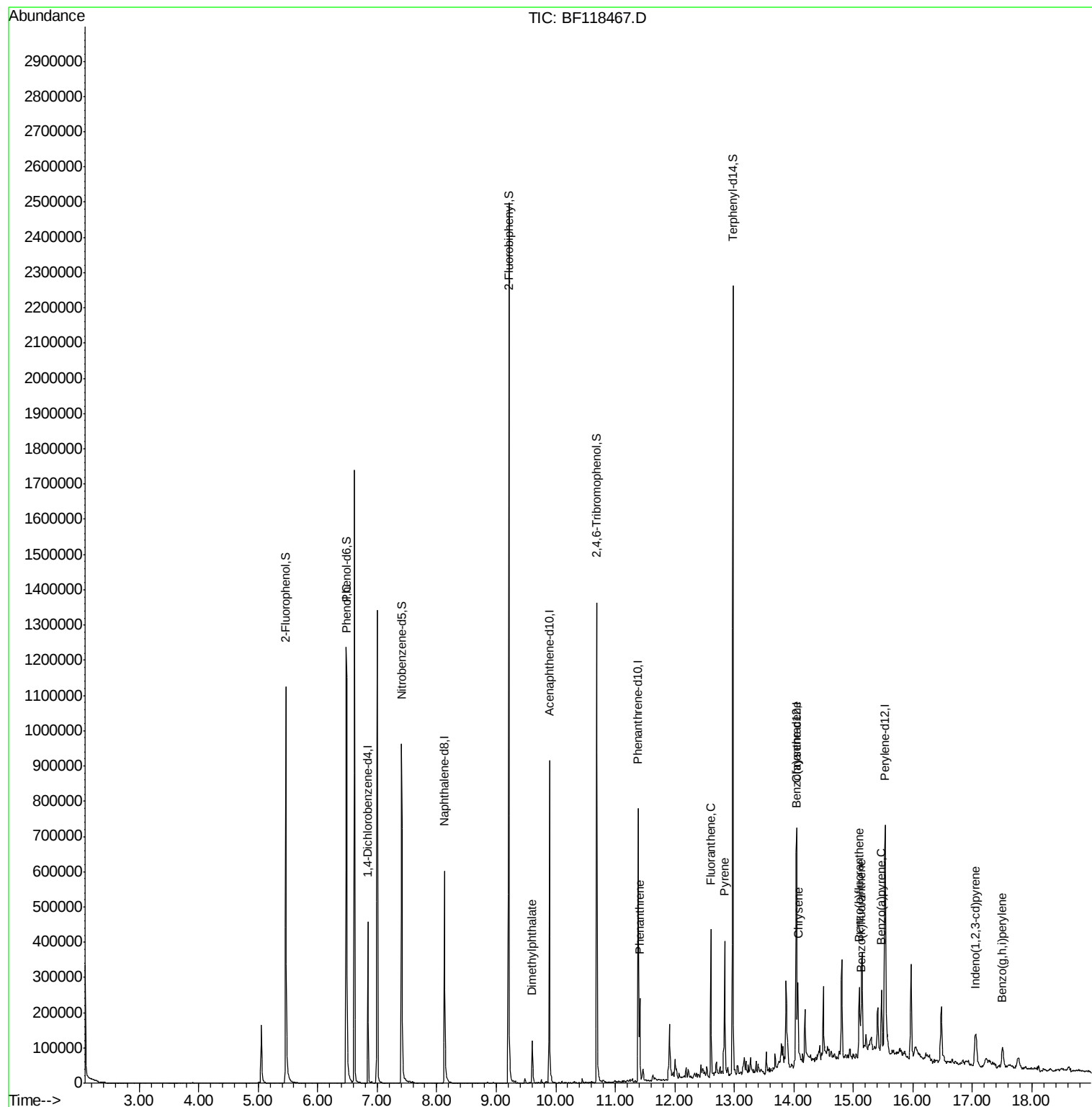
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010320\
Data File : BF118467.D
Acq On : 3 Jan 2020 20:05
Operator : JU
Sample : K6472-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

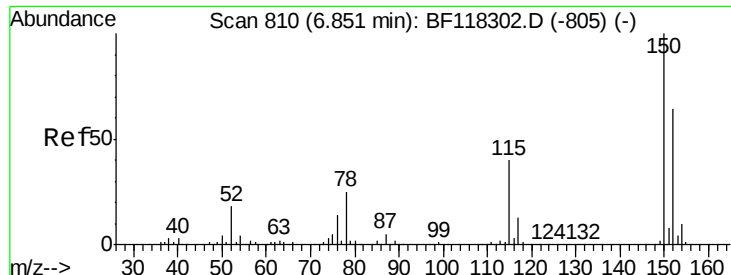
Instrument :
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Quant Time: Jan 04 01:03:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

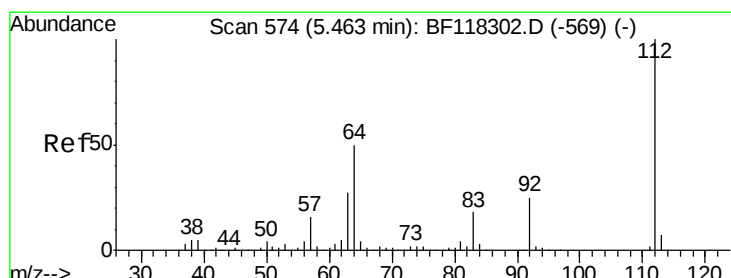
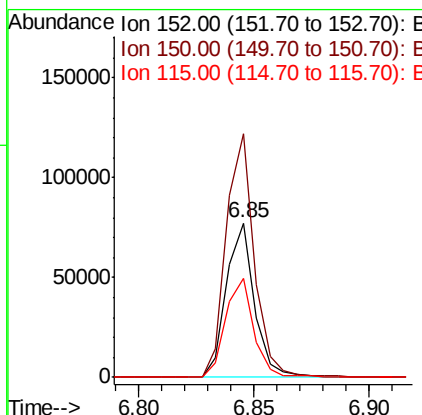
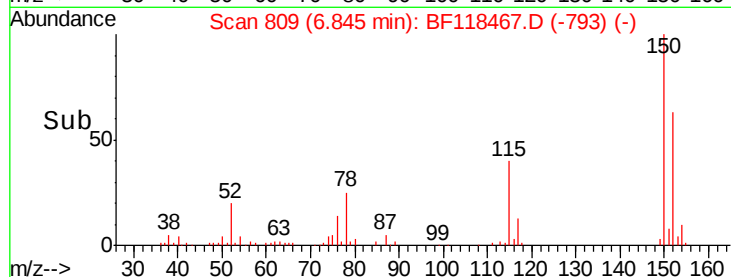
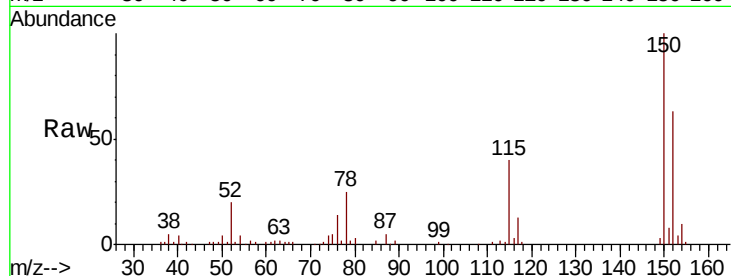
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.4	188.2
115	63.9	50.2	75.4

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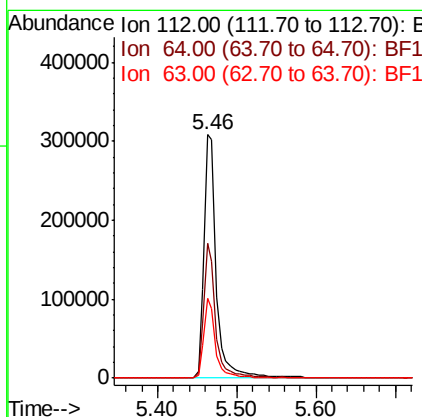
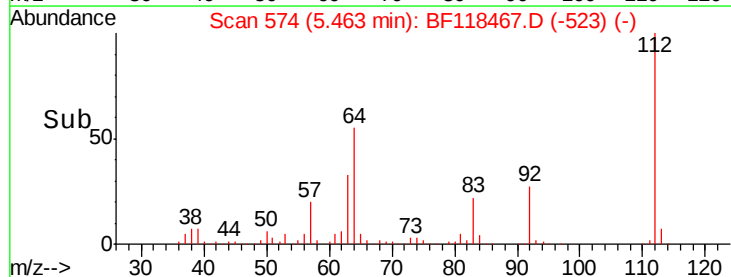
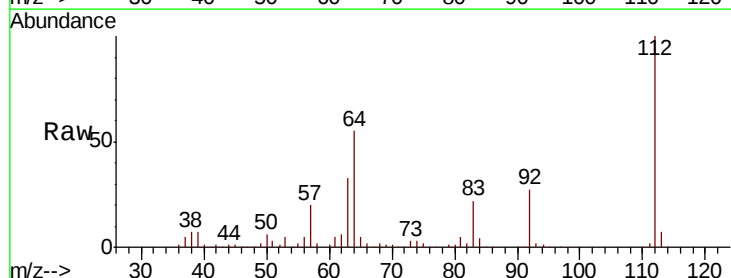
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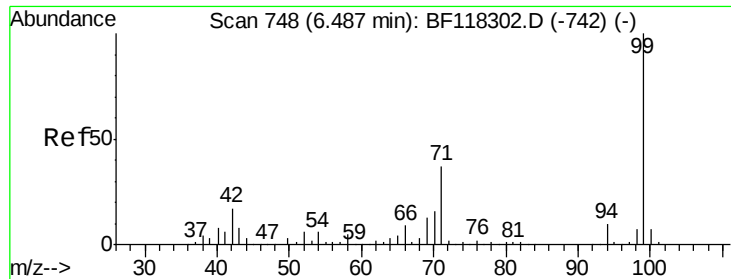


#5

2-Fluorophenol
Concen: 90.442 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.7	59.5
63	32.8	21.7	32.5





#7

Phenol-d6

Concen: 97.049 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118467.D

Acq: 3 Jan 2020 20:05

Instrument :

BNA_F

ClientSampled :

K309-WC-01

Tot Ion: 99 Resp: 459806

Ion Ratio Lower Upper

99 100

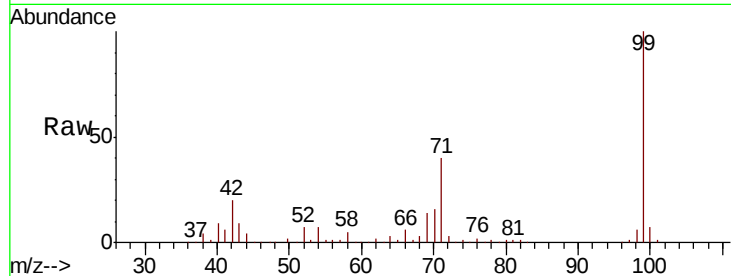
42 20.4 13.5 20.3#

71 40.4 29.4 44.2

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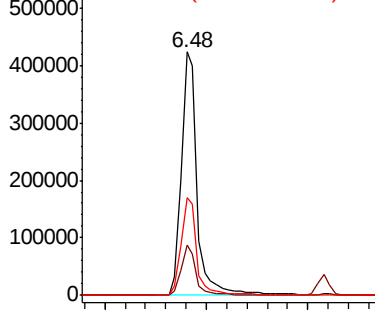
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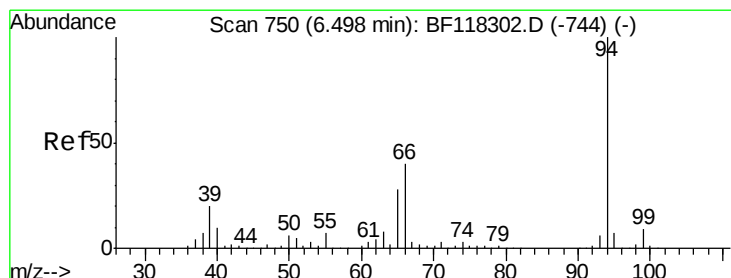
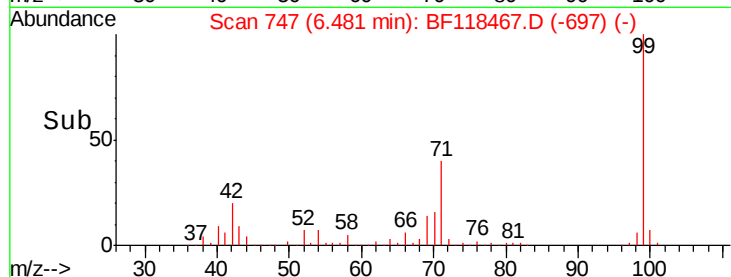
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 2.304 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118467.D

Acq: 3 Jan 2020 20:05

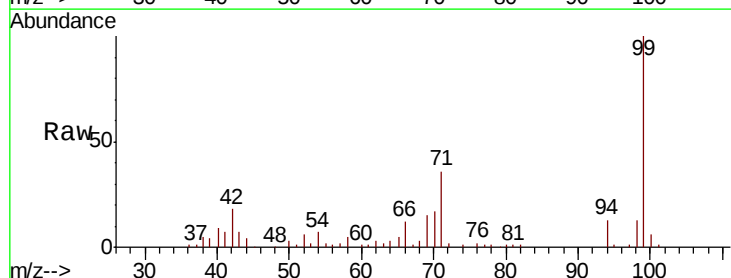
Tgt Ion: 94 Resp: 12267

Ion Ratio Lower Upper

94 100

65 40.2 7.8 47.8

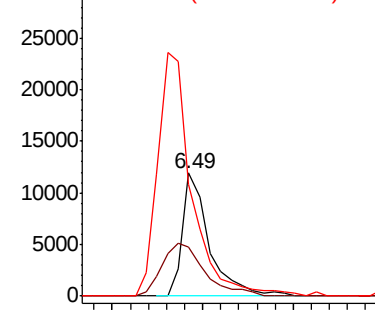
66 91.1 20.4 60.4#



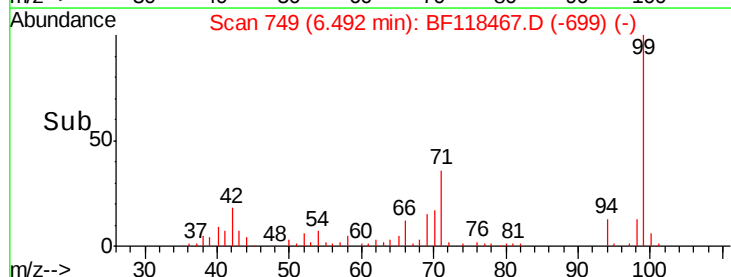
Abundance Ion 94.00 (93.70 to 94.70): BF1

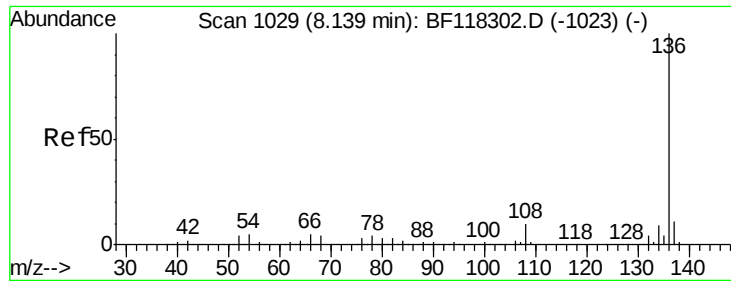
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





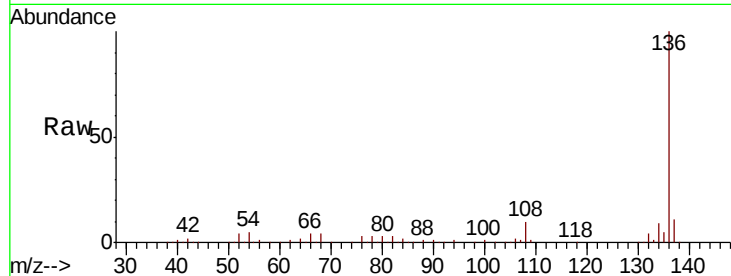
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

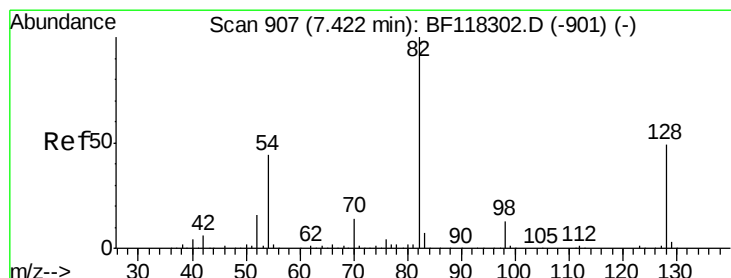
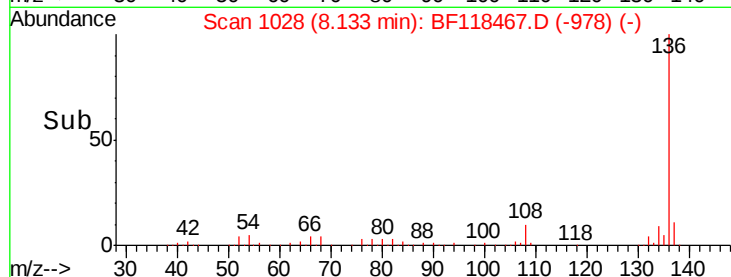
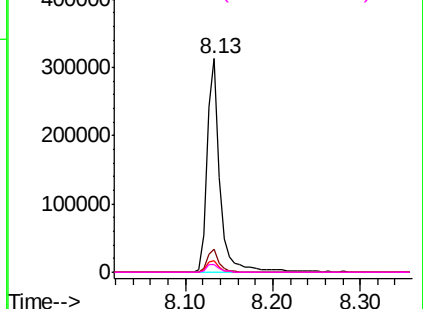
Tot Ion	Ratio	Resp	Lower	Upper
136	100	319762		
137	10.5		8.9	13.3
54	5.3		4.2	6.4
68	3.7		3.5	5.3

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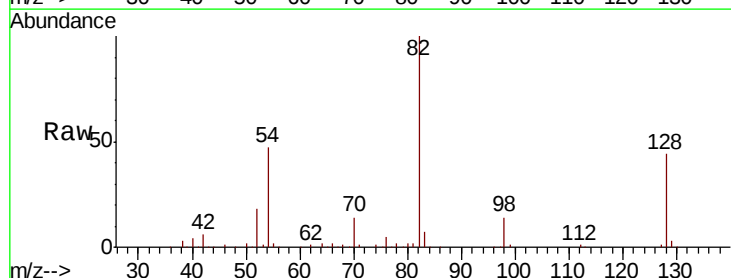


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

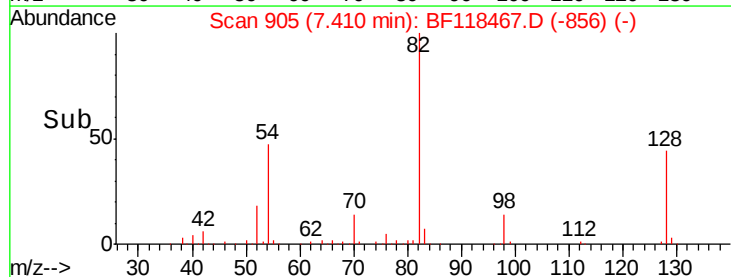
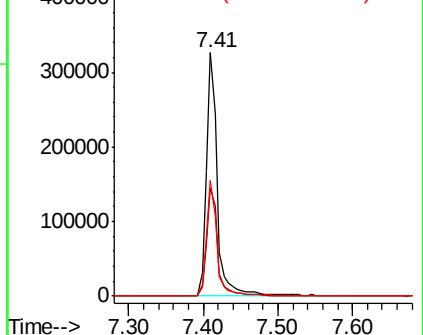


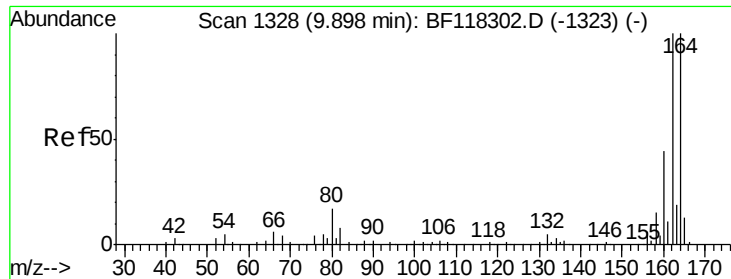
#23
Nitrobenzene-d5
Concen: 59.822 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	334448		
128	44.2		39.6	59.4
54	47.4		34.9	52.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





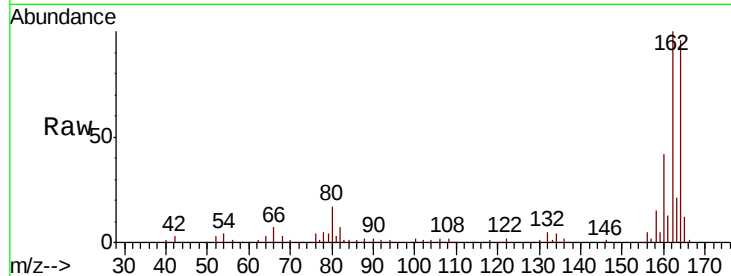
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.0	120.0
160	43.6	34.8	52.2

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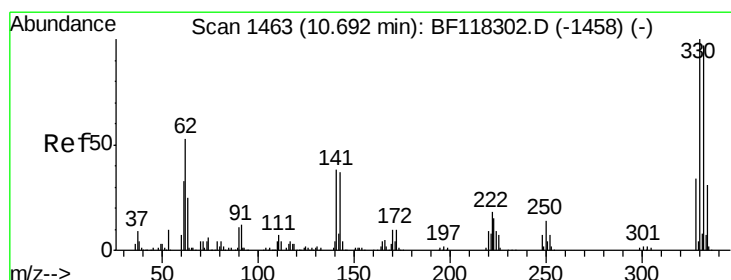
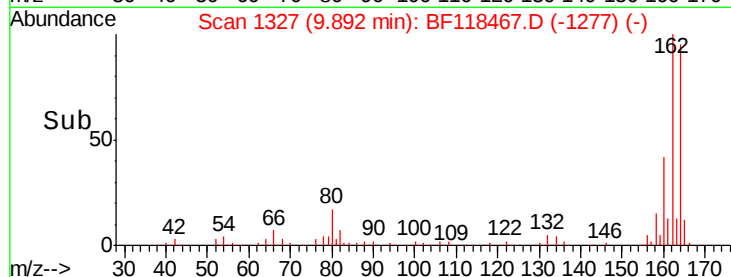
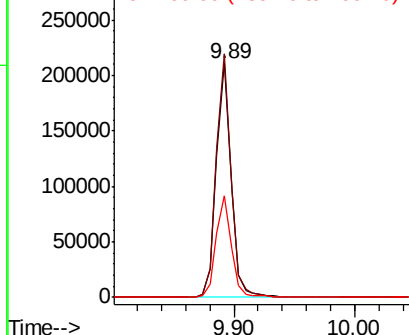


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 77.531 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

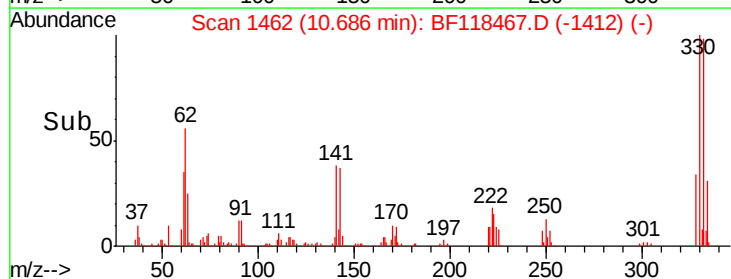
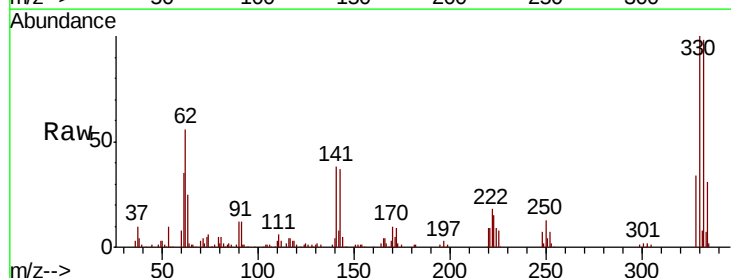
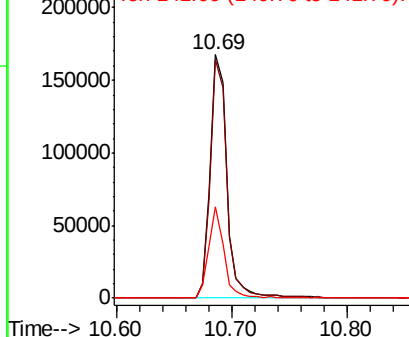
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	35.2	26.0	39.0

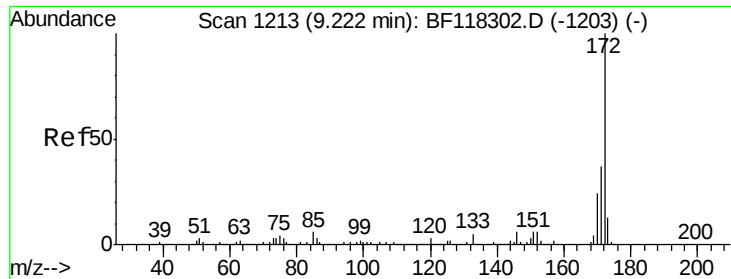
Abundance

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





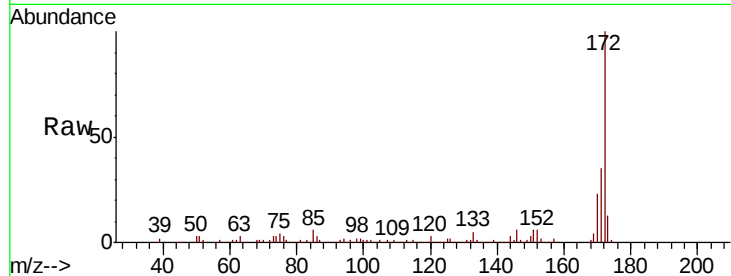
#45
2-Fluorobiphenyl
Concen: 62.411 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.4	19.2	28.8

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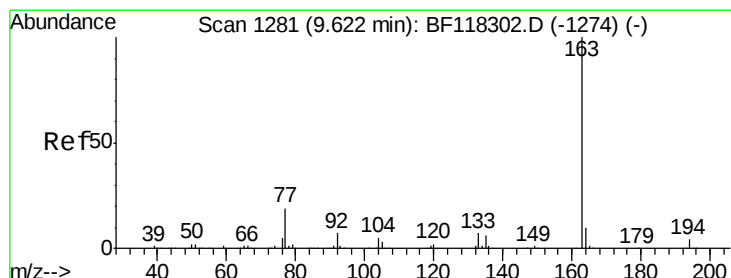
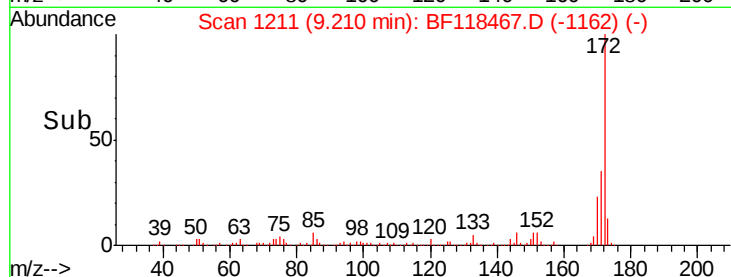
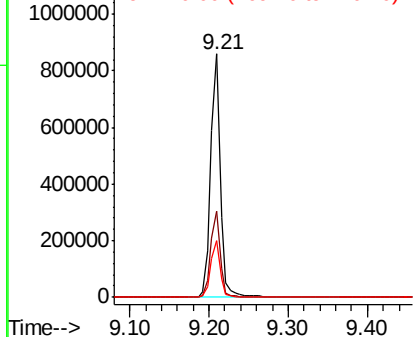


Abundance

Ion 172.00 (171.70 to 172.70): E

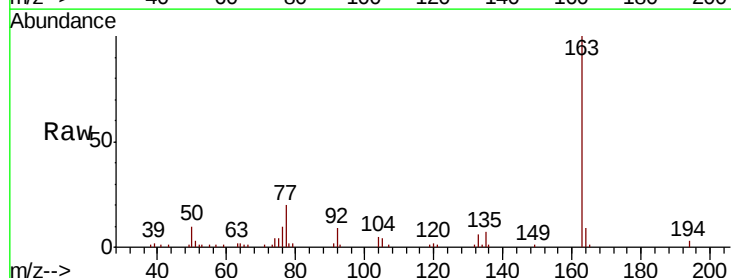
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.296 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.2	7.9	11.9

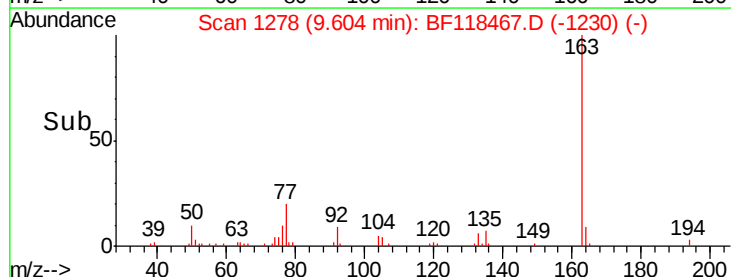
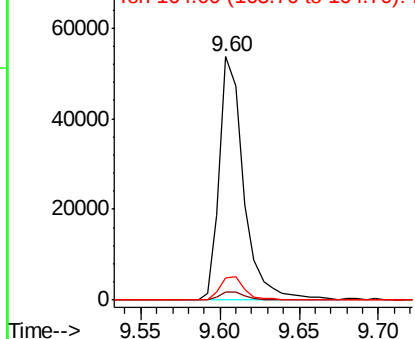


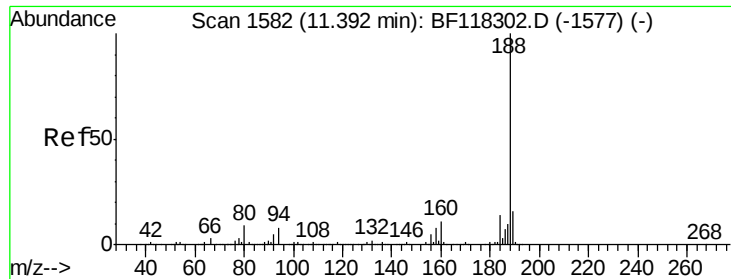
Abundance

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





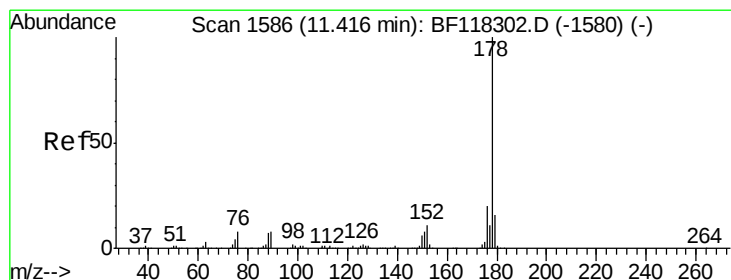
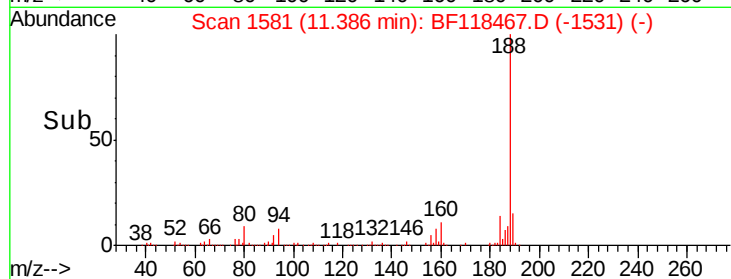
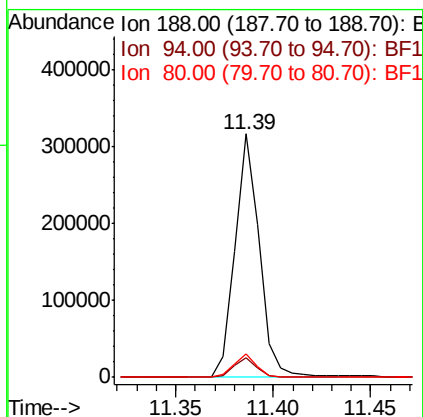
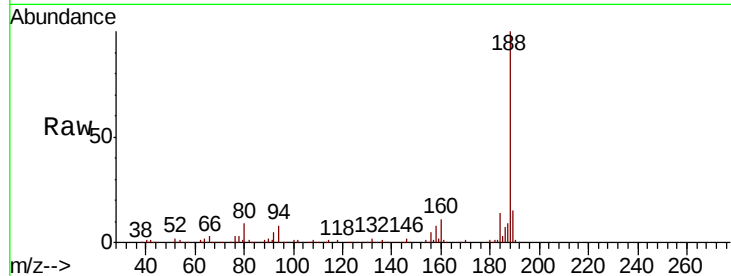
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
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ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100	275622		
94	7.8		6.7	10.1
80	9.4		7.2	10.8

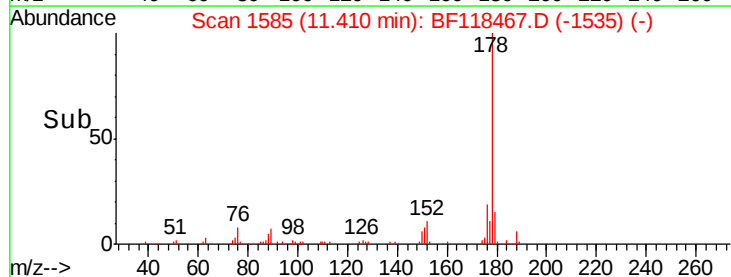
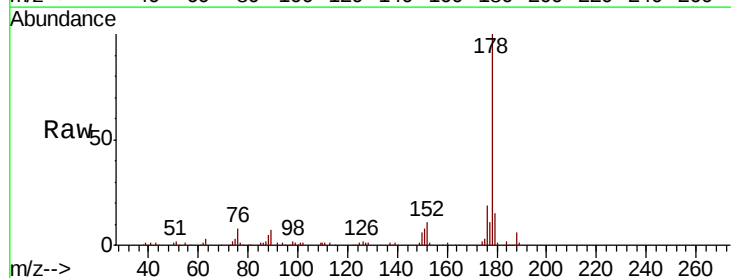
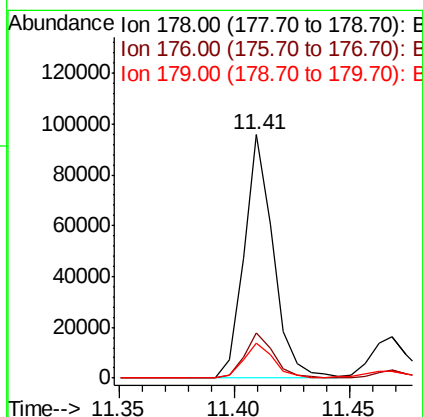
Manual Integrations
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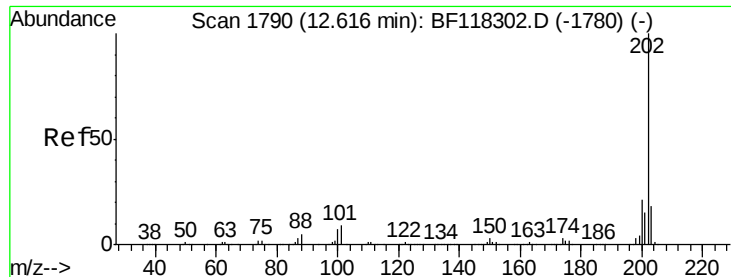
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#71
Phenanthrene
Concen: 5.632 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84626		
176	18.7		15.6	23.4
179	14.6		12.6	19.0





#75

Fluoranthene

Concen: 11.286 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118467.D

Acq: 3 Jan 2020 20:05

Instrument :

BNA_F

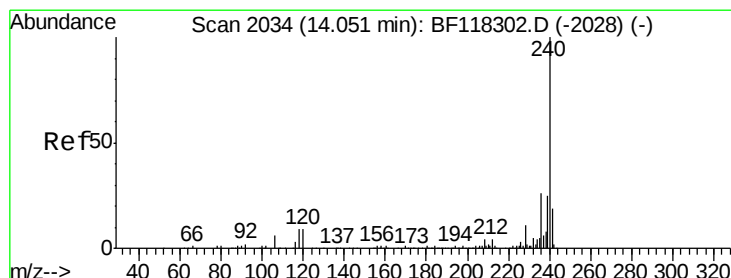
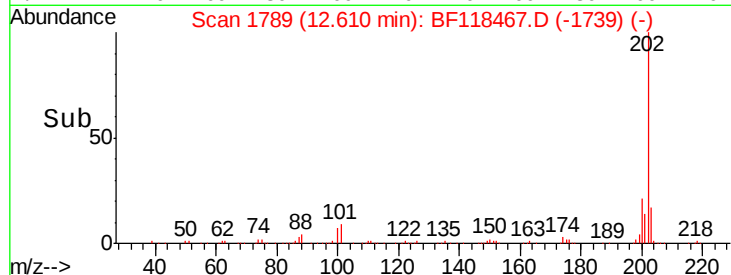
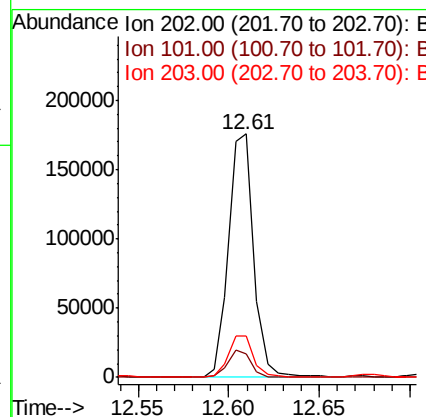
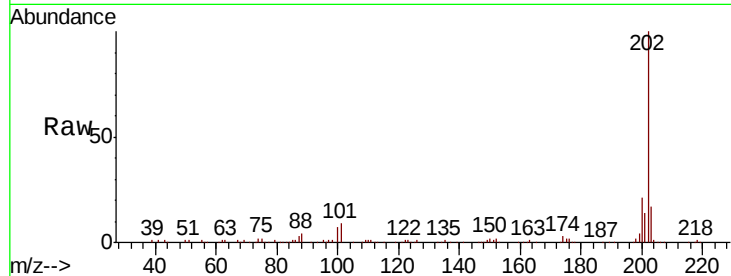
ClientSampleId :

K309-WC-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	29.5
203	16.9	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

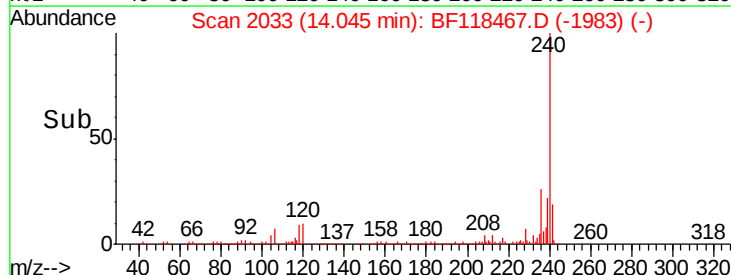
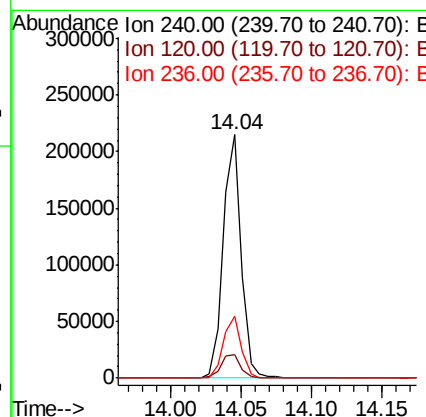
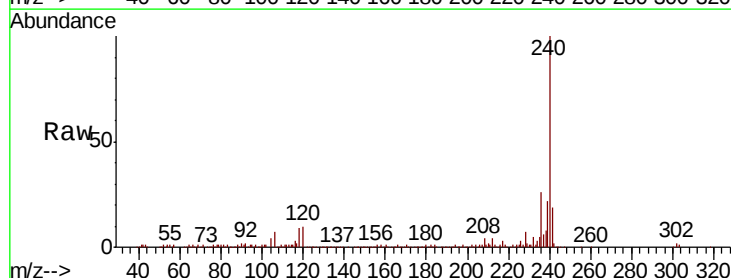
RT: 14.04 min Scan# 2033

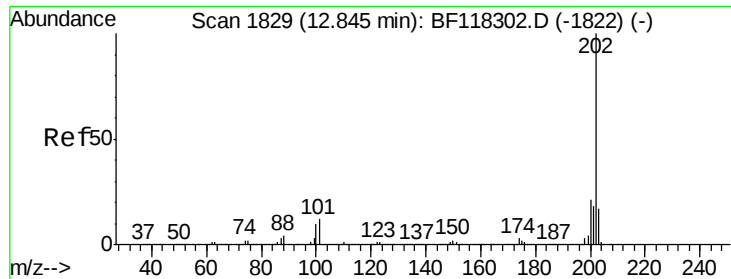
Delta R.T. -0.01 min

Lab File: BF118467.D

Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	7.1	10.7
236	25.6	21.0	31.6





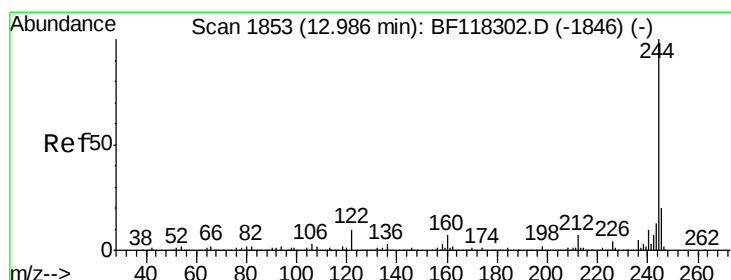
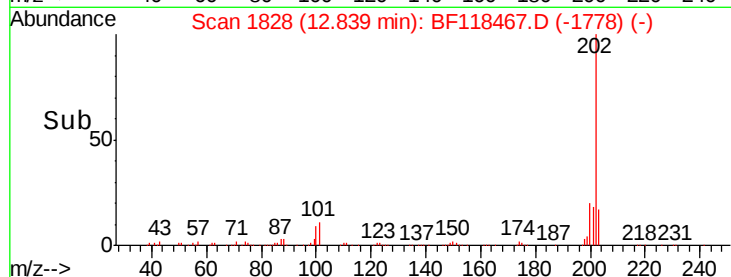
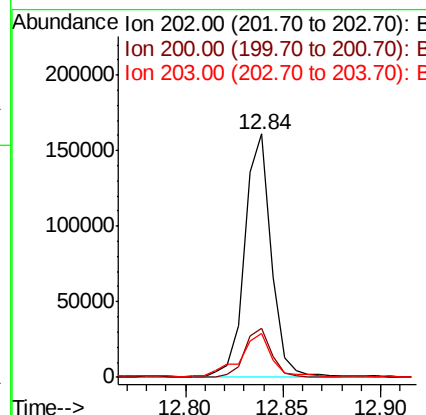
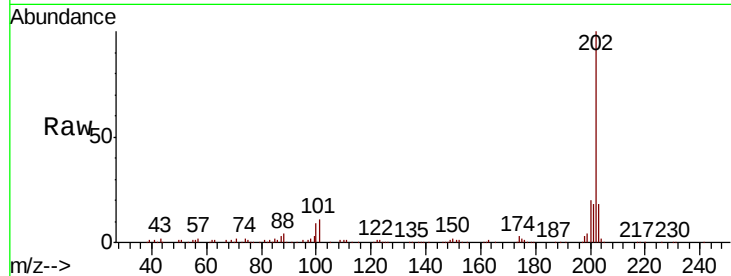
#78
Pvrene
Concen: 9.858 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.8	25.2
203	18.2	13.9	20.9

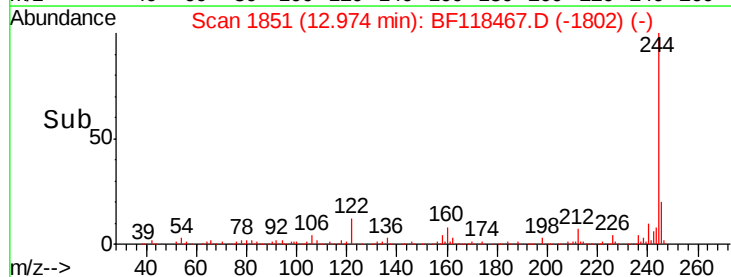
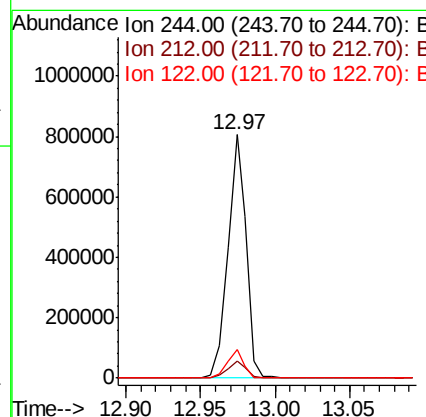
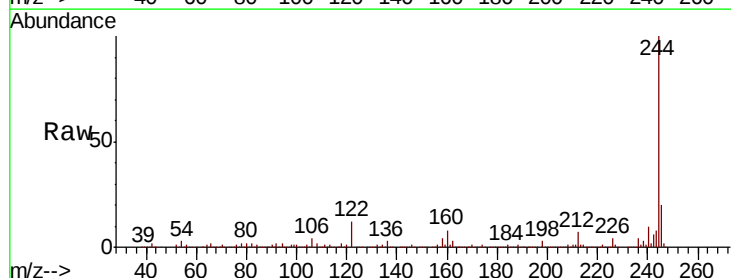
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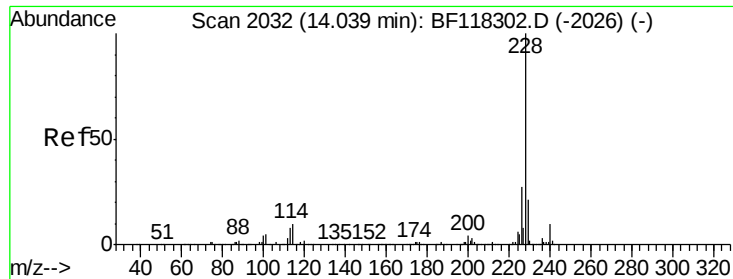
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#79
Terphenyl-d14
Concen: 60.808 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.6	7.8	11.8





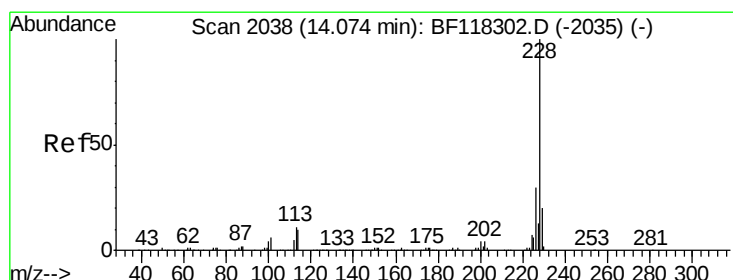
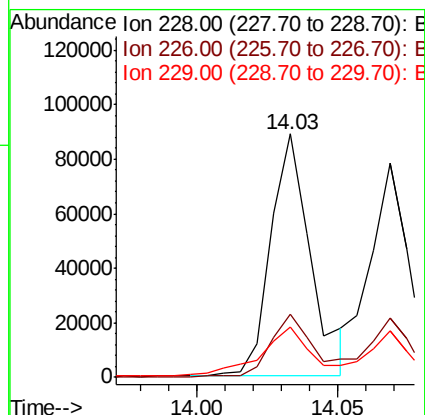
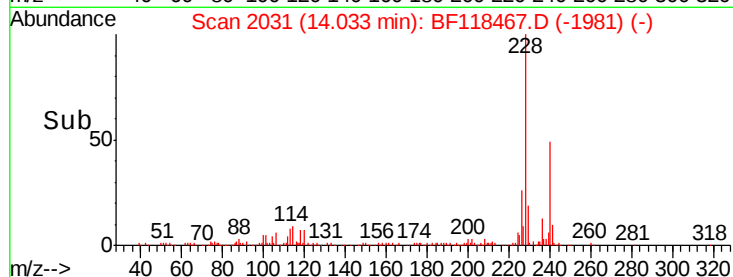
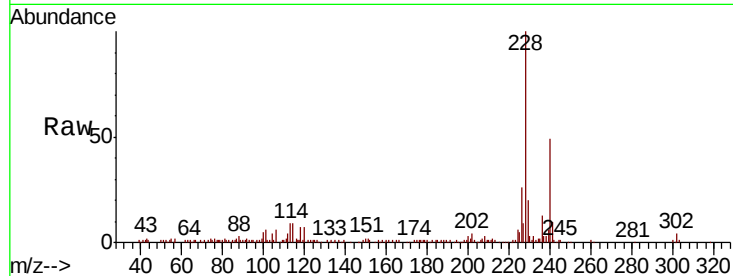
#81
Benzo(a)anthracene
Concen: 6.610 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.0	33.0
229	20.4	16.6	24.8

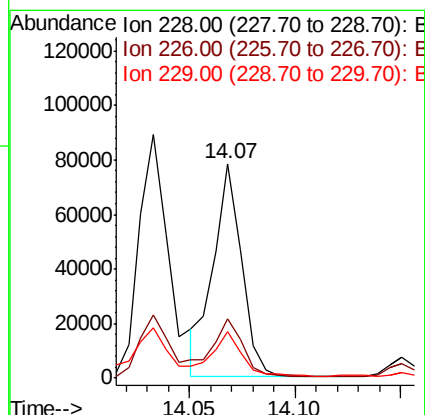
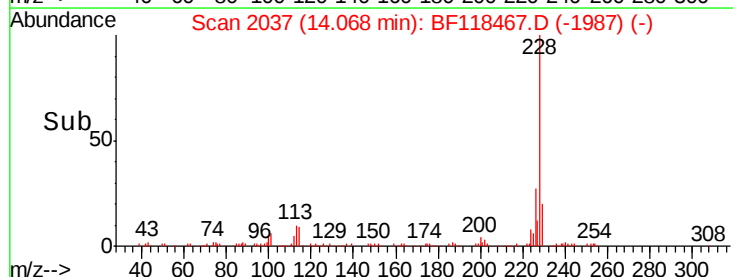
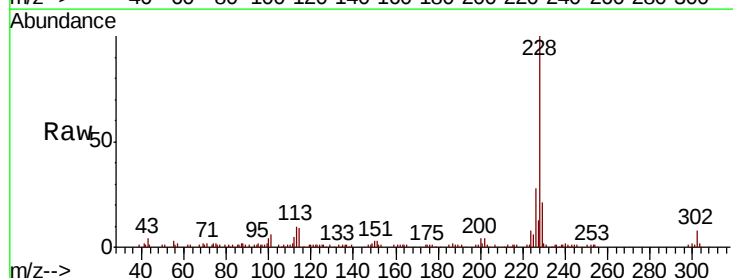
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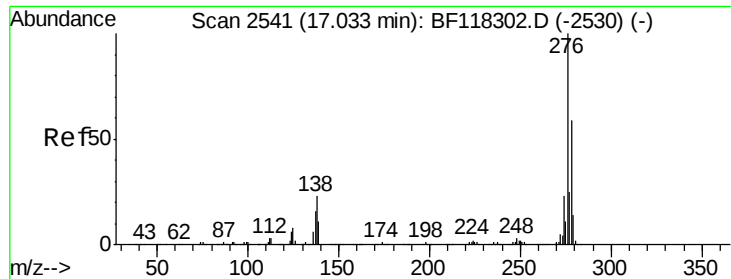
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#83
Chrysene
Concen: 5.794 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.9	35.9
229	21.4	16.1	24.1





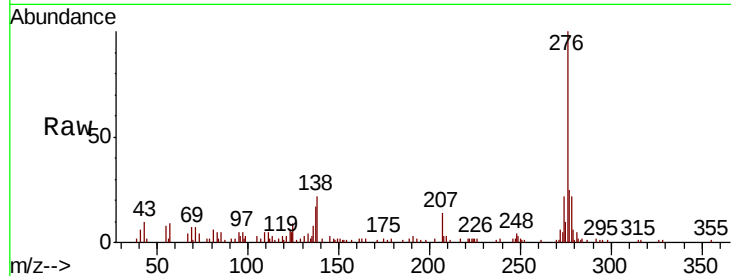
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.771 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.5	29.3
277	27.3	20.6	30.8

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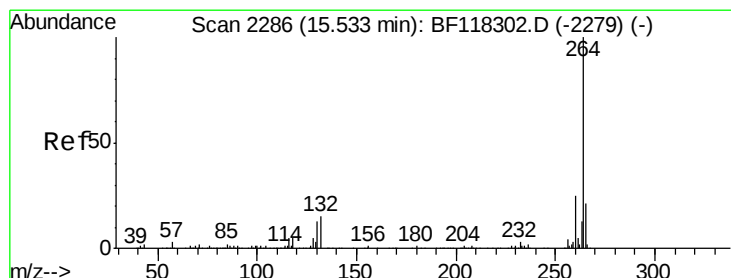
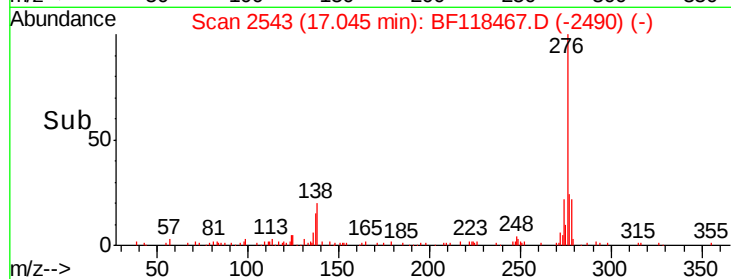
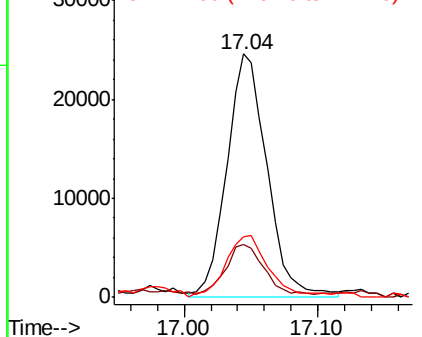


Abundance

Ion 276.00 (275.70 to 276.70): E

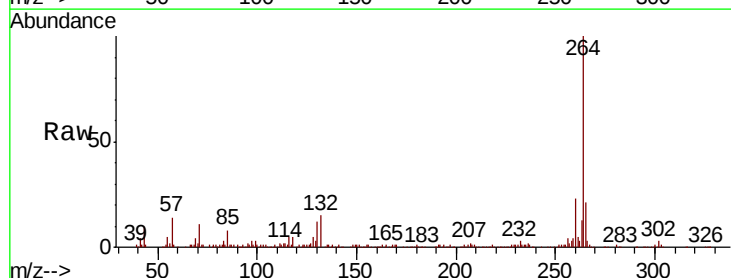
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	21.1	17.0	25.4

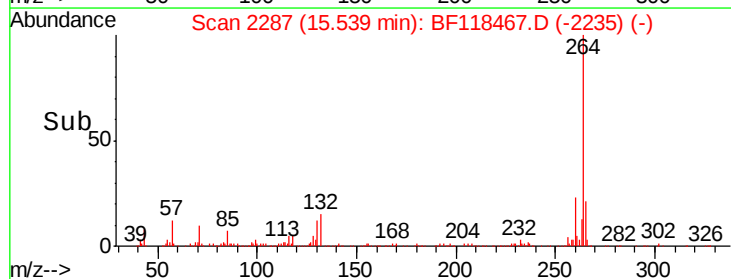
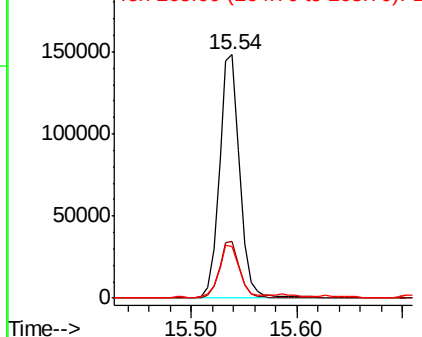


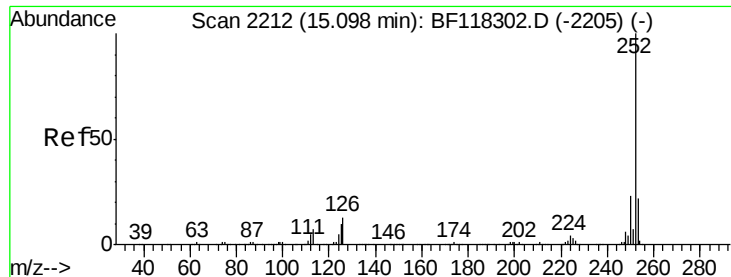
Abundance

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





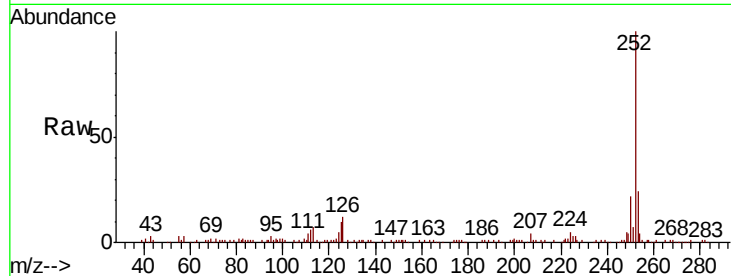
#88
Benzo(b)fluoranthene
Concen: 7.715 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	9.9	7.7	11.5

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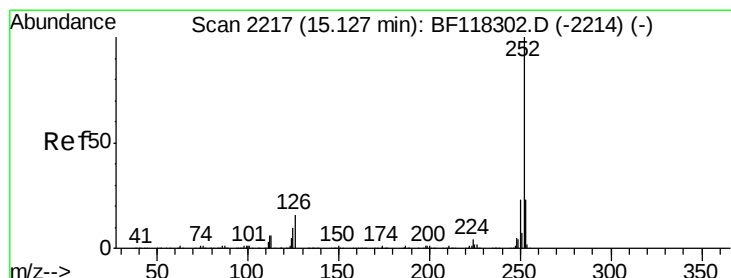
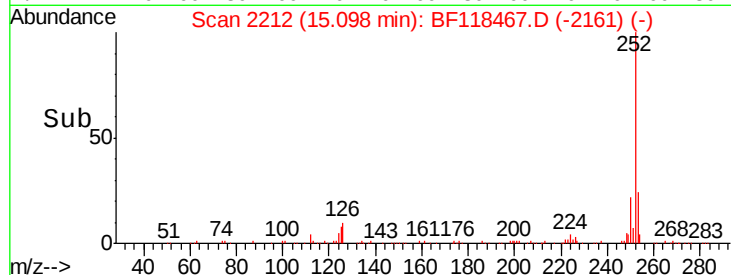
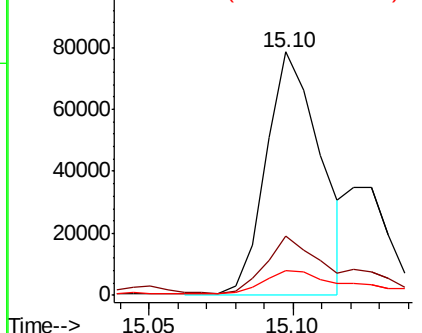


Abundance

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



#89
Benzo(k)fluoranthene
Concen: 2.762 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

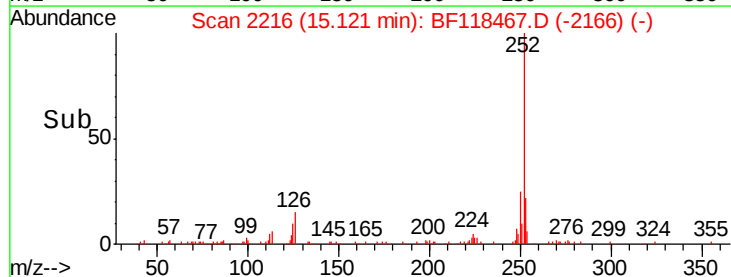
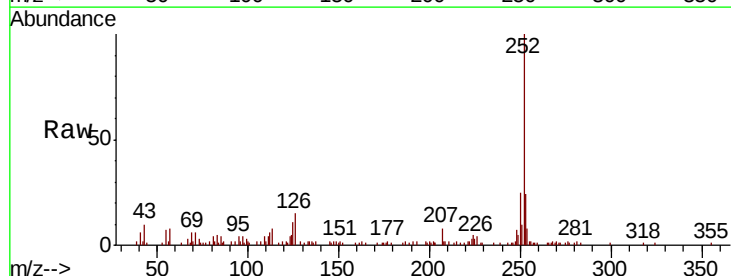
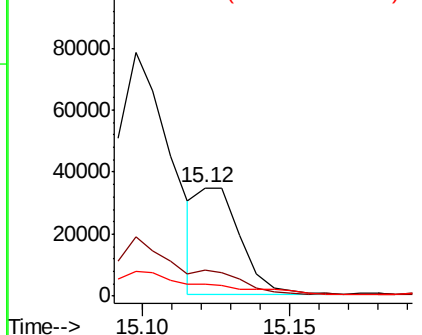
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.4	8.0	12.0

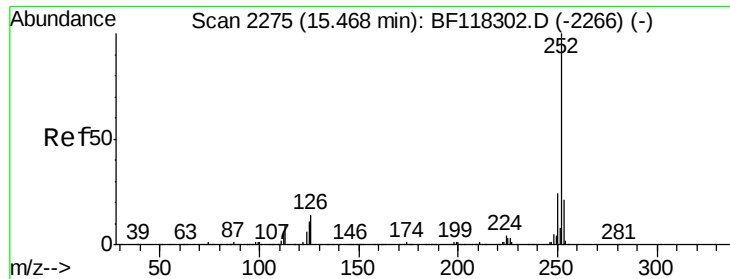
Abundance

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





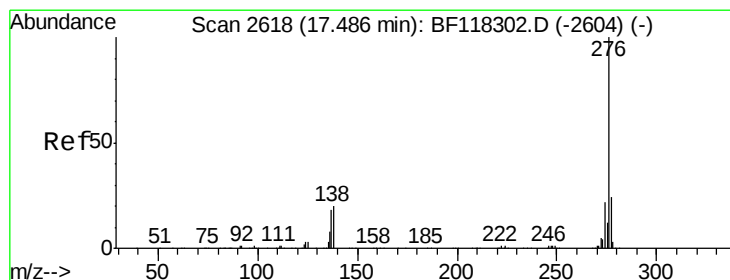
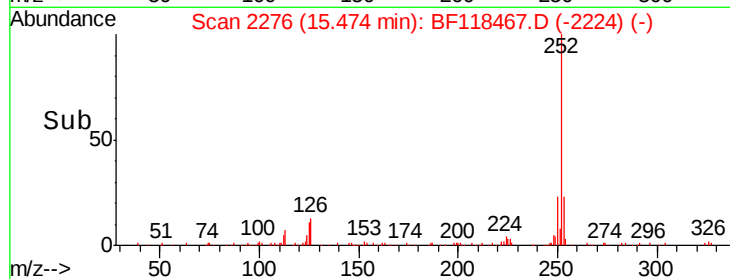
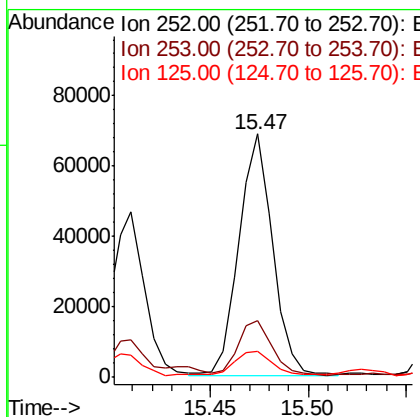
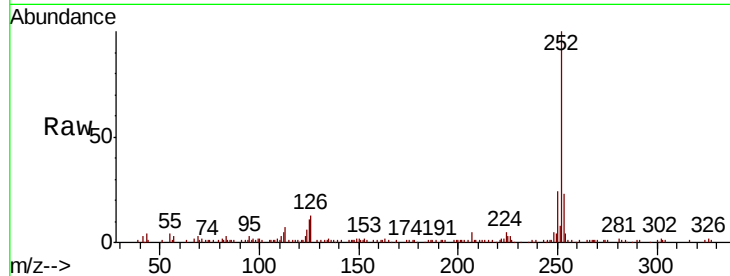
#90
Benzo(a)pyrene
Concen: 7.155 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Instrument :
BNA_F
ClientSampleId :
K309-WC-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	10.8	9.0	13.4

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#92
Benzo(g,h,i)perylene
Concen: 4.853 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118467.D
Acq: 3 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.1	28.7
138	21.8	16.1	24.1

