

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113913.D
 Acq On : 23 Apr 2019 7:55
 Operator : JU/SJ
 Sample : K2464-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMP-4.18.19

Manual Integrations
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Quant Time: Apr 23 08:58:42 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	145785	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	508192	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	247636	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	514524	20.00	ng	0.00
76) Chrysene-d12	14.06	240	430229	20.00	ng	-0.01
87) Perylene-d12	15.55	264	349124	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	679710	79.74	ng	0.00
7) Phenol-d6	6.52	99	836164	78.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	459294	55.80	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	248873	82.50	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	867403	54.78	ng	0.00
79) Terphenyl-d14	13.00	244	1119143	53.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.64	163	60098	3.356	ng	99
71) Phenanthrene	11.44	178	228040	8.819	ng	99
72) Anthracene	11.49	178	61038	2.338	ng	99
75) Fluoranthene	12.63	202	381299	13.516	ng	94
78) Pyrene	12.86	202	334040	11.103	ng	99
81) Benzo(a)anthracene	14.05	228	168286	6.639	ng	95
83) Chrysene	14.08	228	146441	5.932	ng	97
86) Indeno(1,2,3-cd)pyrene	17.03	276	53514	2.288	ng	# 93
88) Benzo(b)fluoranthene	15.12	252	148237m	6.711	ng	
89) Benzo(k)fluoranthene	15.14	252	47131m	2.481	ng	
90) Benzo(a)pyrene	15.49	252	100601	5.265	ng	97
92) Benzo(g,h,i)perylene	17.49	276	47617	2.631	ng	99

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

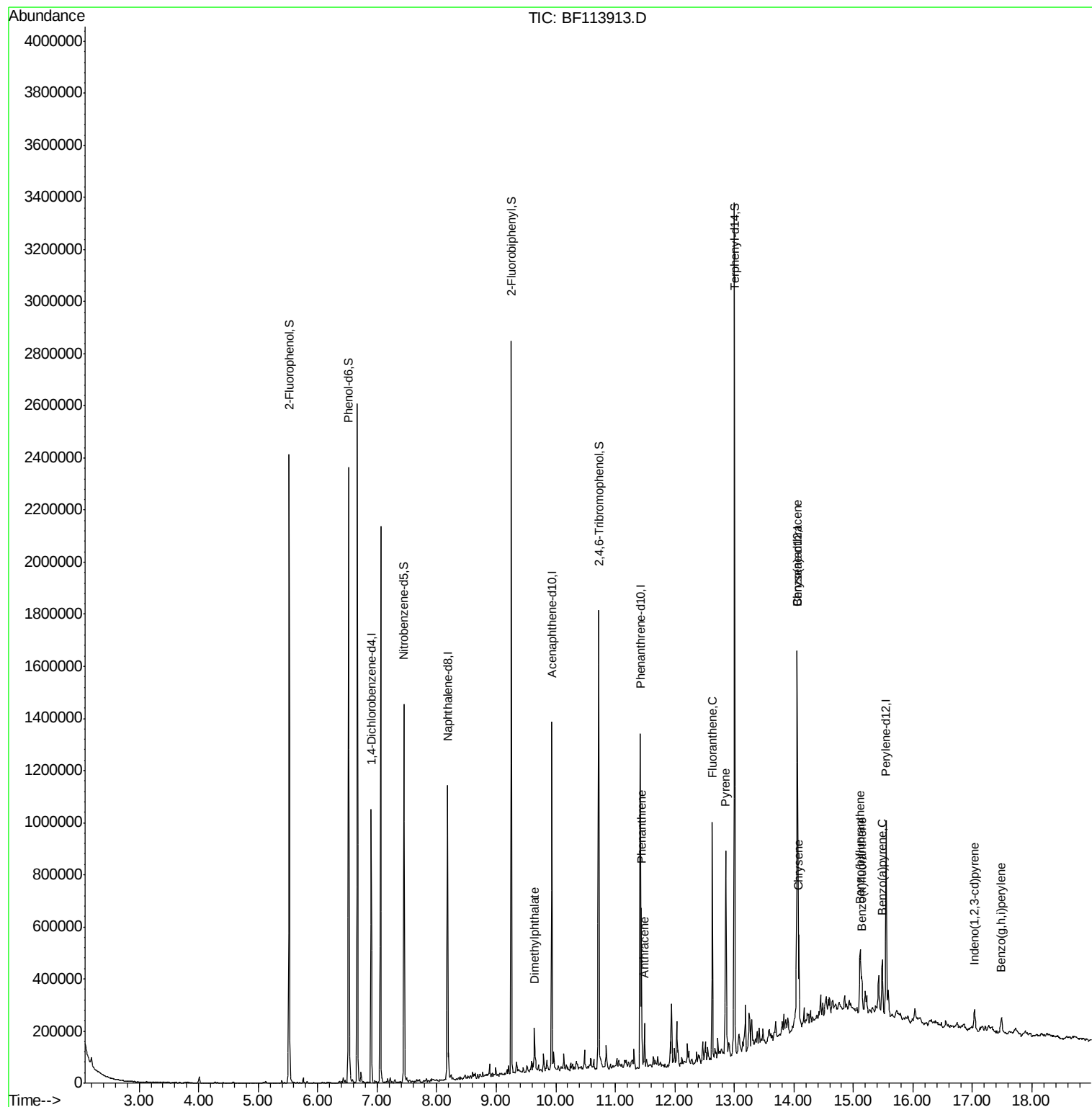
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113913.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

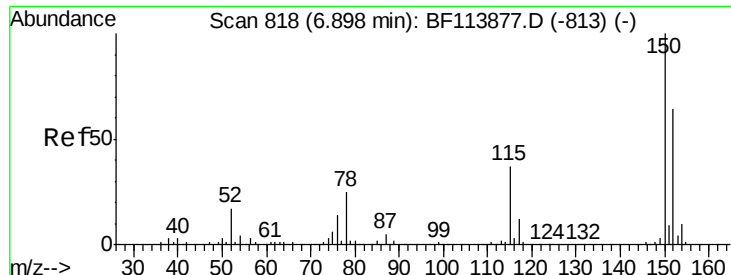
Instrument :
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#1

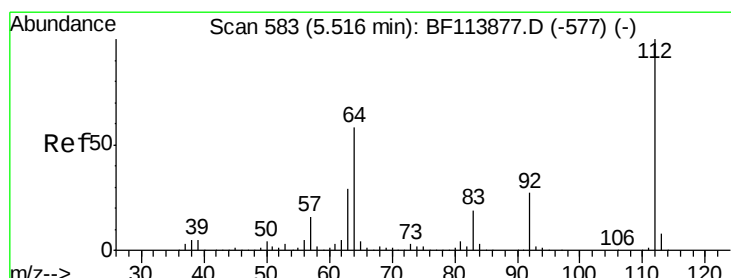
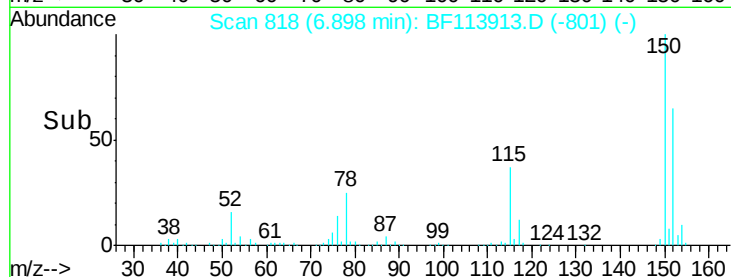
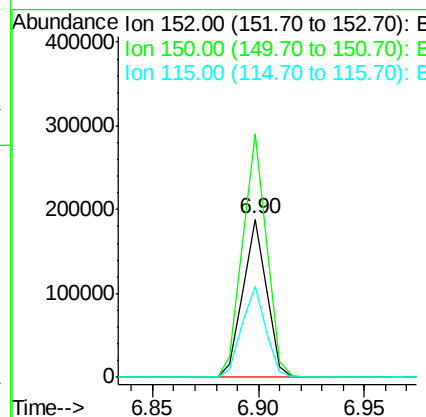
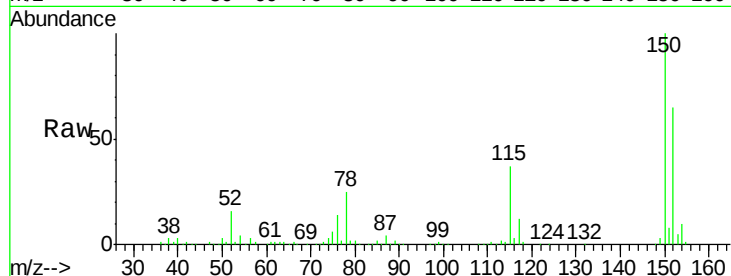
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.9	188.9
115	57.6	45.9	68.9

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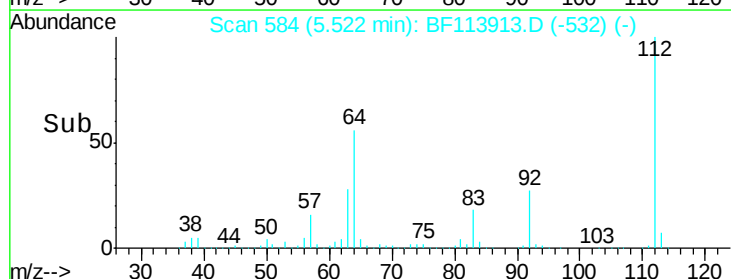
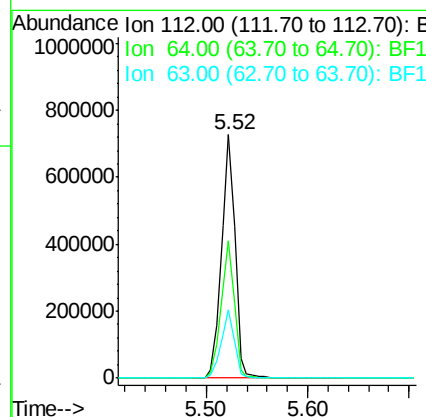
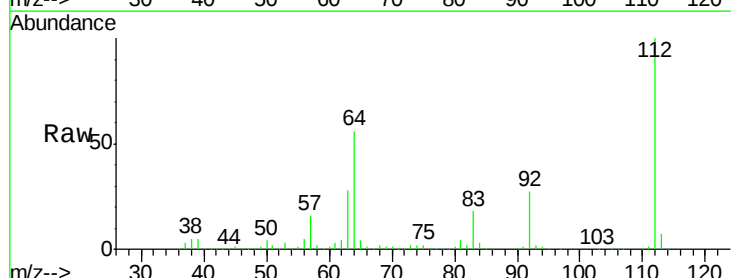
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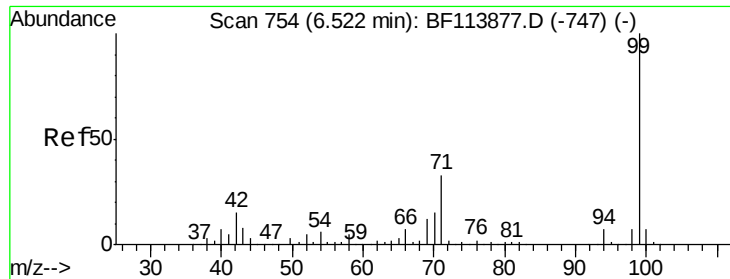


#5

2-Fluorophenol
Concen: 79.744 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	46.6	69.8
63	28.1	23.1	34.7





#7

Phenol-d6

Concen: 78.190 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113913.D

Acq: 23 Apr 2019 7:55

Instrument :

BNA_F

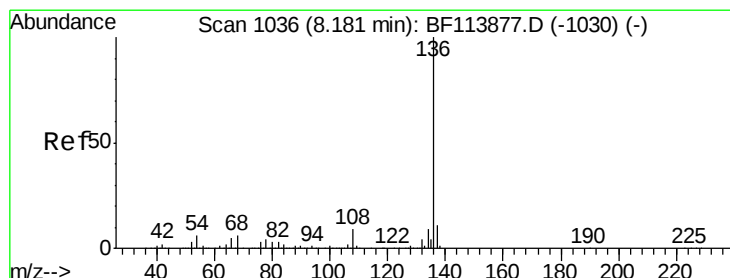
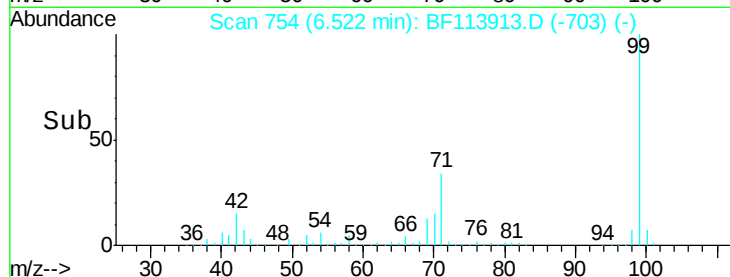
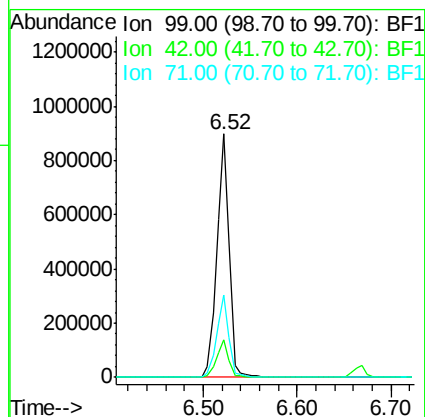
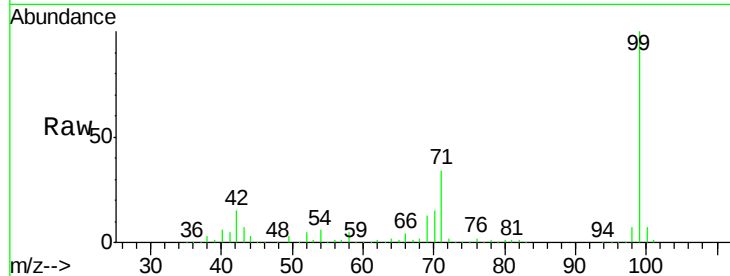
ClientSampleId :

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Tgt Ion:	99	Resp:	836164
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.5	18.7
71	33.9	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

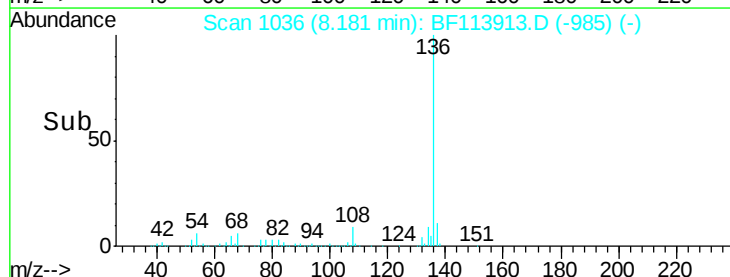
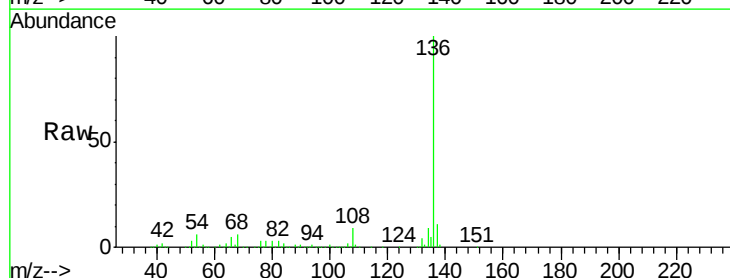
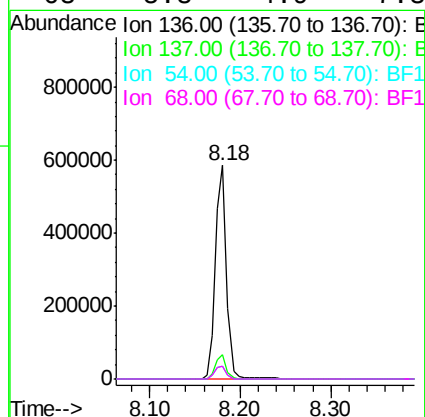
RT: 8.18 min Scan# 1036

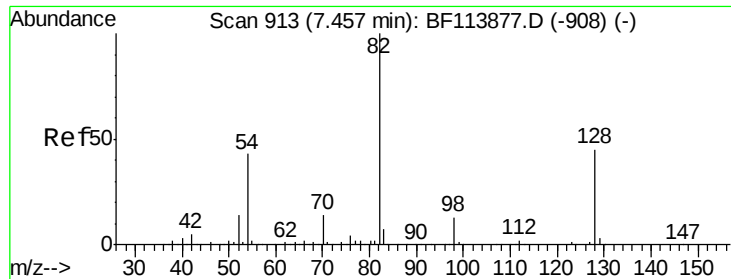
Delta R.T. 0.00 min

Lab File: BF113913.D

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Tgt Ion:	136	Resp:	508192
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	6.2	5.0	7.6
68	5.8	4.9	7.3





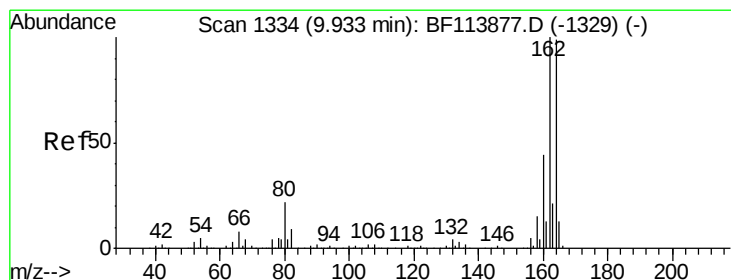
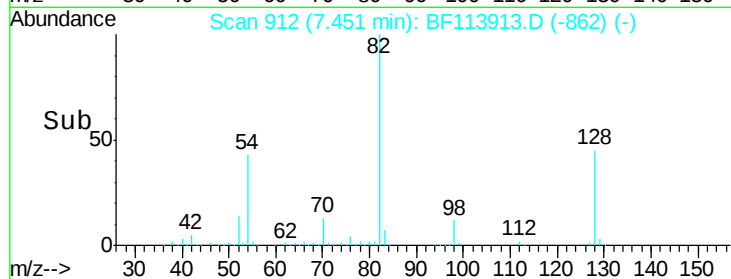
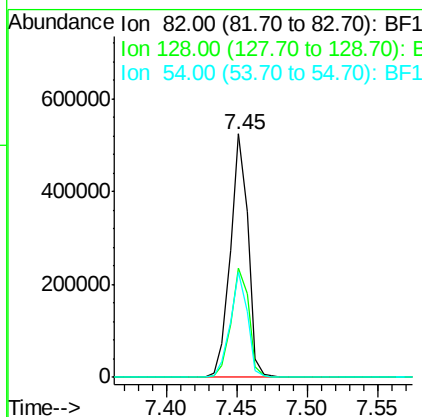
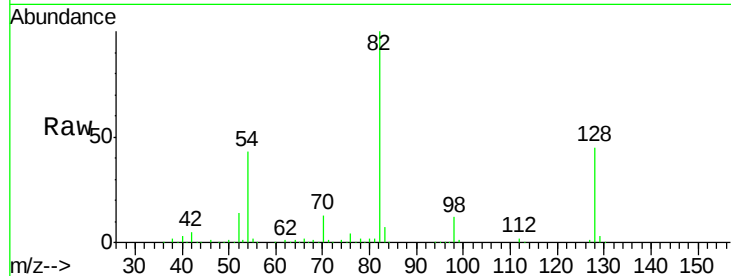
#23
 Nitrobenzene-d5
 Concen: 55.803 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113913.D
 Acq: 23 Apr 2019 7:55

Instrument :
 BNA_F
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 M-COMP-4.18.19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	459294		
128	45.1	36.8	55.2	
54	43.1	33.8	50.6	

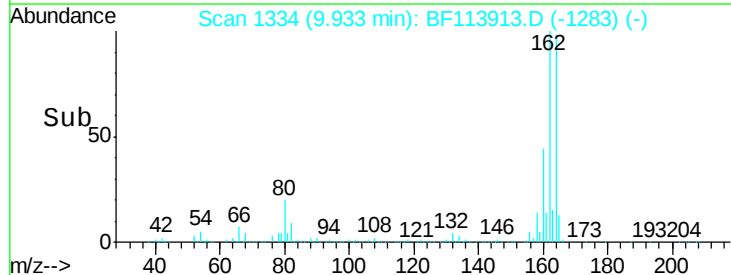
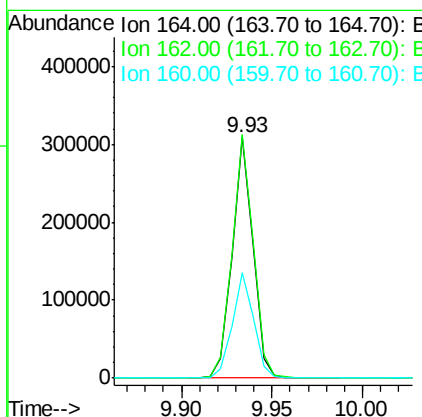
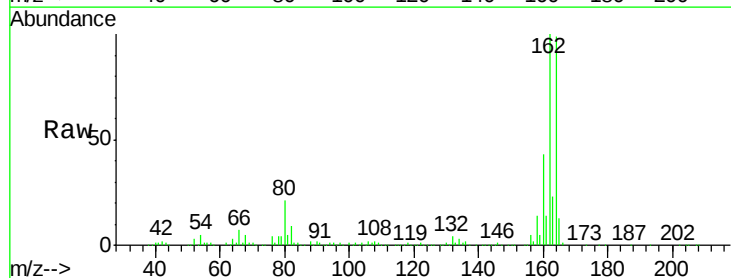
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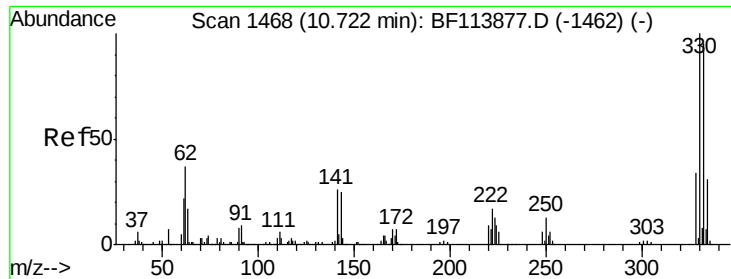
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113913.D
 Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247636		
162	101.2	81.1	121.7	
160	44.0	35.8	53.6	





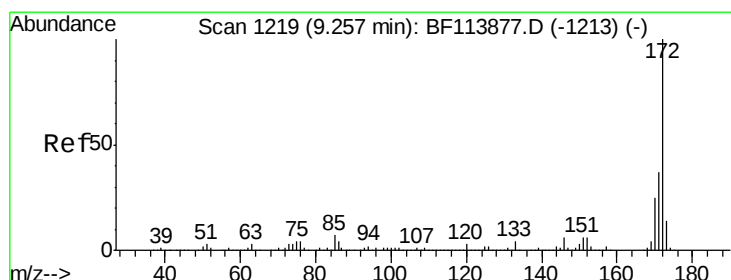
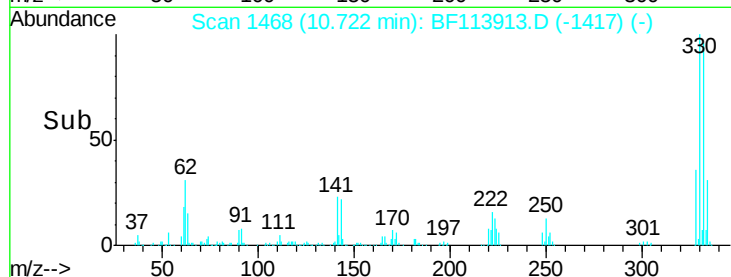
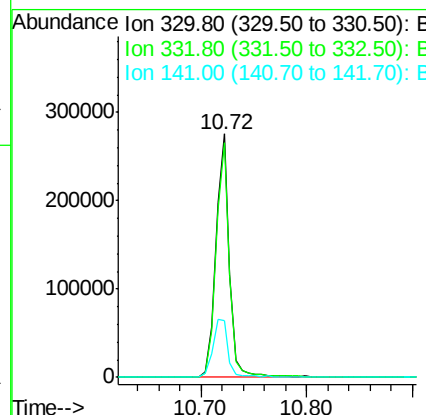
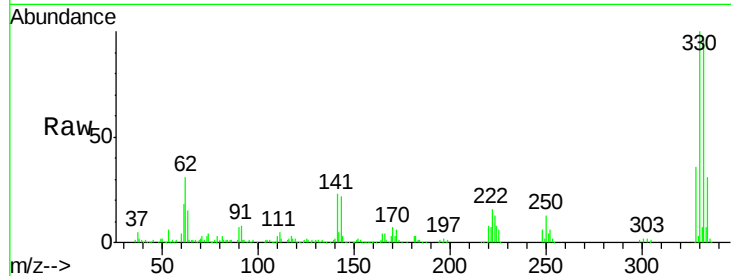
#42
 2,4,6-Tribromophenol
 Concen: 82.498 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113913.D
 Acq: 23 Apr 2019 7:55

Instrument :
 BNA_F
 ClientSampleId :
 M-COMP-4.18.19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	248873		
332	96.9	77.5	116.3	
141	26.1	22.2	33.2	

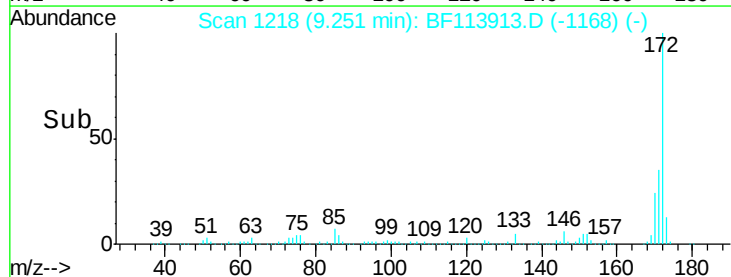
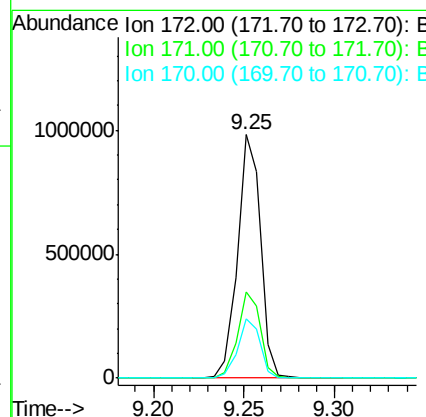
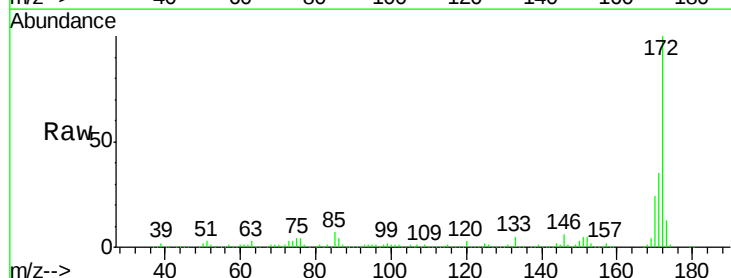
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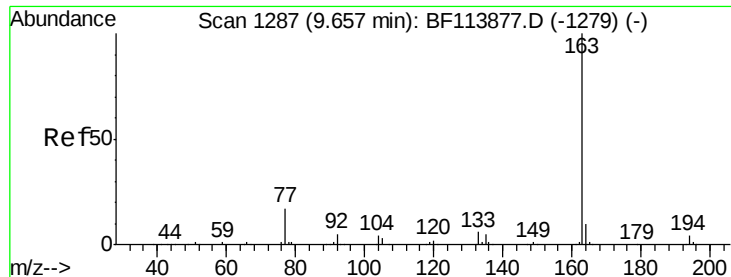
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#45
 2-Fluorobiphenyl
 Concen: 54.784 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113913.D
 Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	867403		
171	35.4	29.4	44.0	
170	24.1	19.9	29.9	





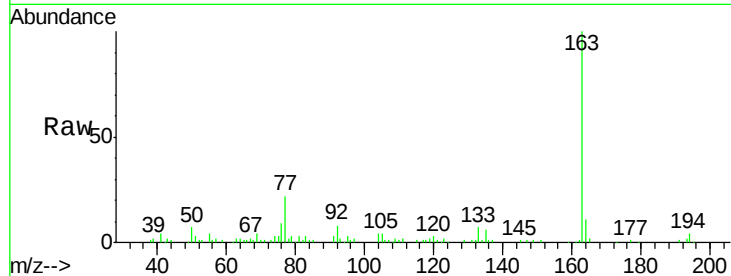
#50
Dimethylphthalate
Concen: 3.356 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

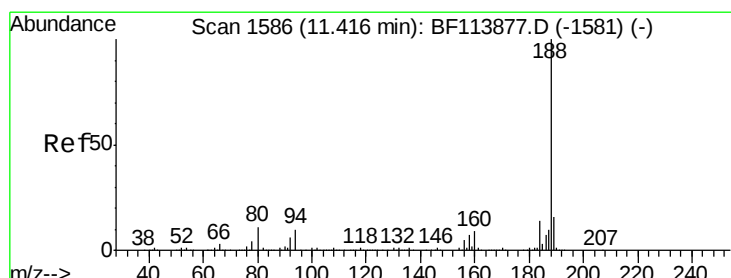
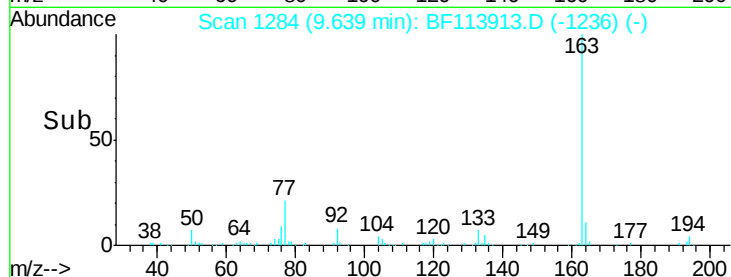
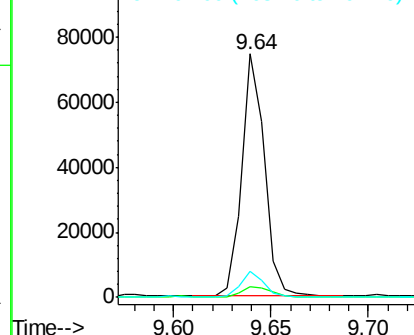
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.4	3.4	5.2
164	10.8	8.5	12.7

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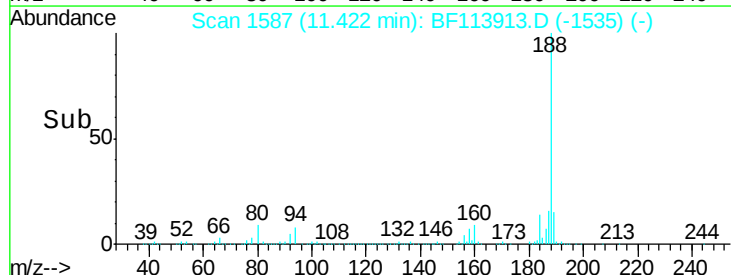
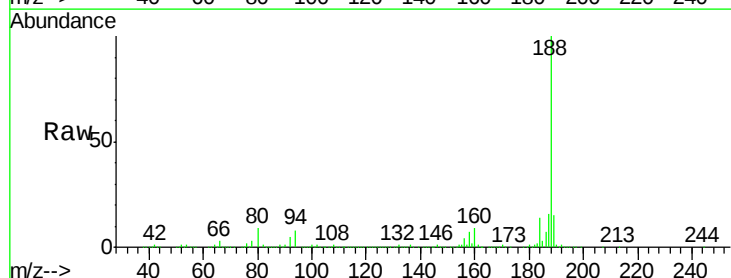
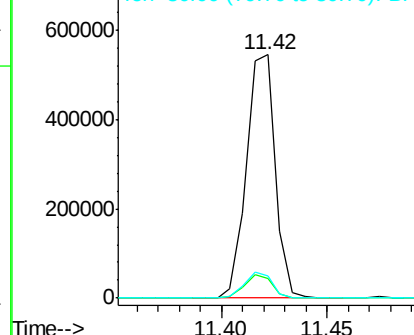
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

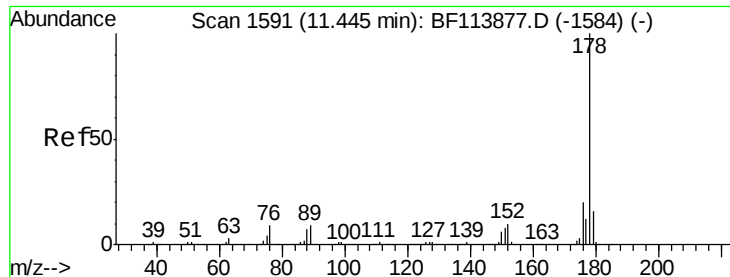


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	8.2	12.4#
80	9.2	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





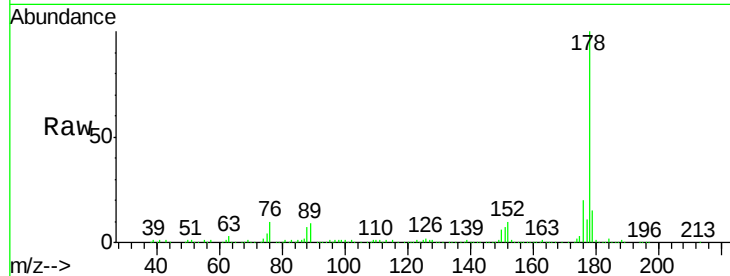
#71
Phenanthrene
Concen: 8.819 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

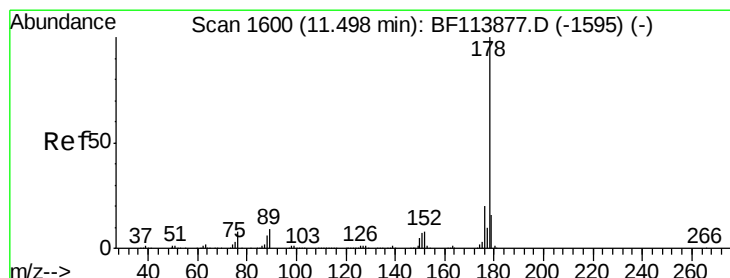
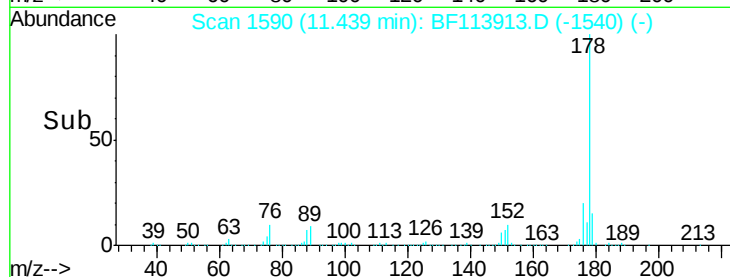
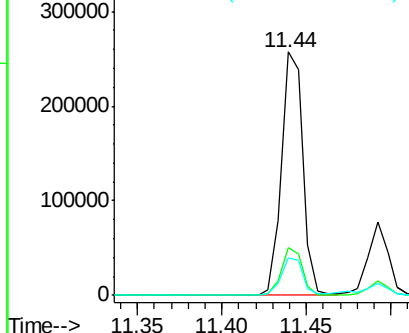
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.4	12.8	19.2

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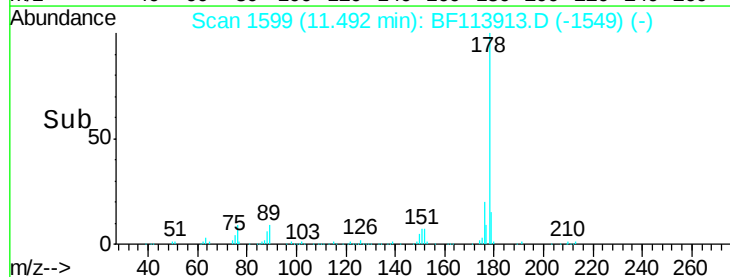
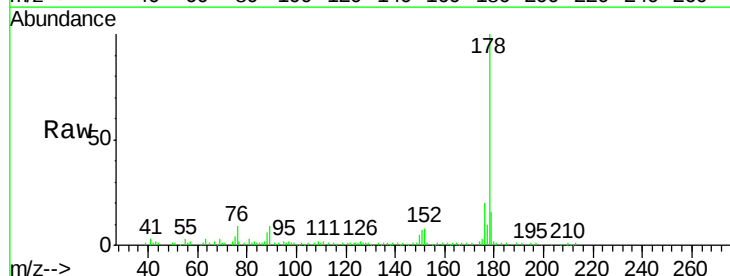
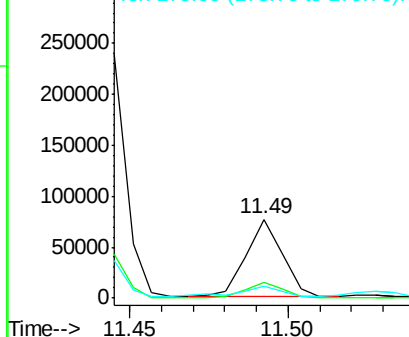
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

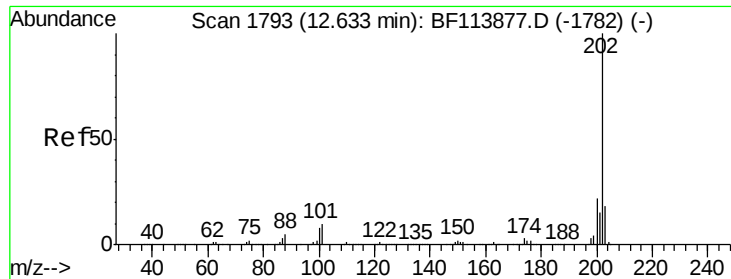


#72
Anthracene
Concen: 2.338 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.6	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 13.516 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113913.D

Acq: 23 Apr 2019 7:55

Instrument :

BNA_F

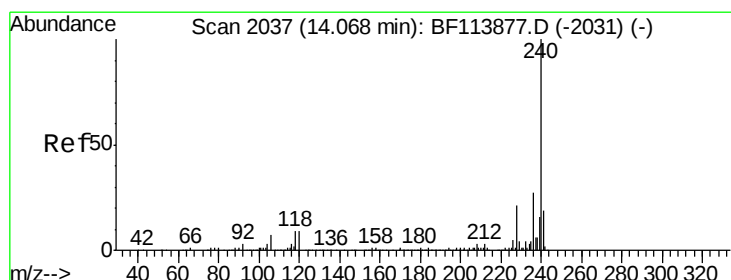
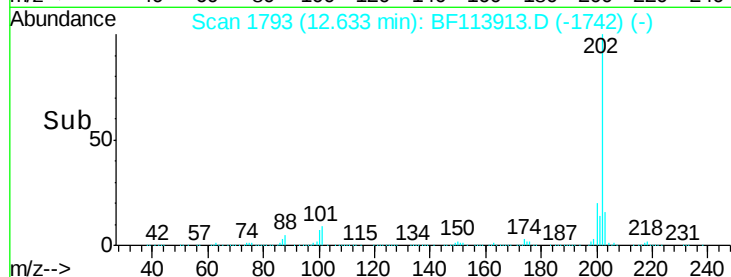
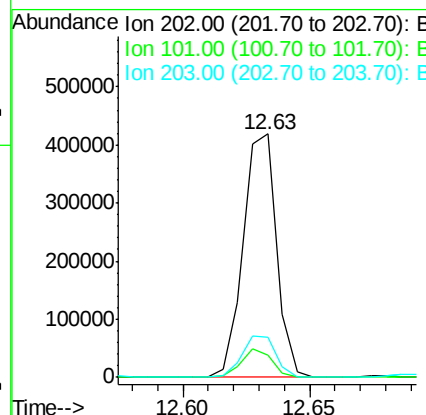
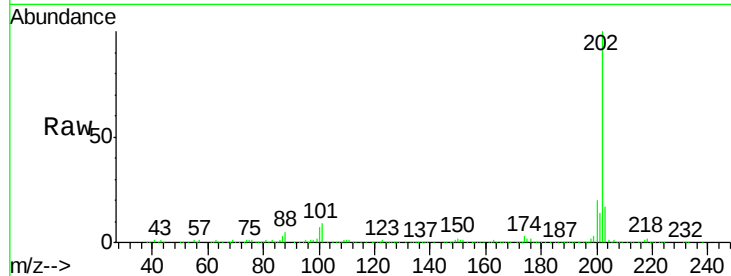
ClientSampleId :

M-COMP-4.18.19

Tgt	Ion	202	Resp:	381299
Ion	Ratio		Lower	Upper
202	100			
101	9.3	0.0	32.9	
203	16.5	0.0	38.2	

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#76

Chrysene-d12

Concen: 20.000 ng

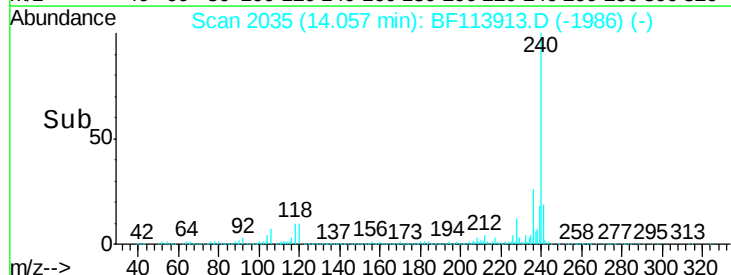
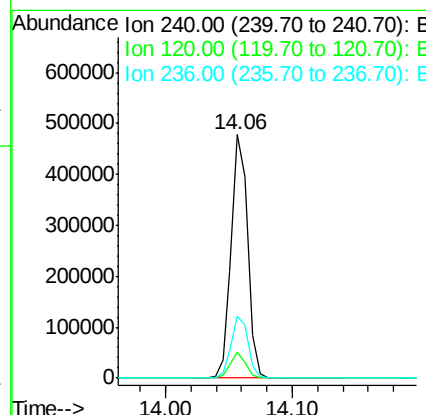
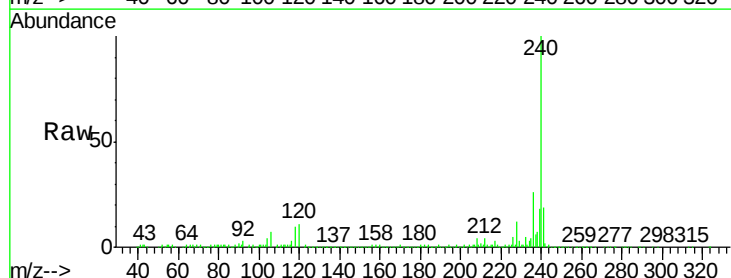
RT: 14.06 min Scan# 2035

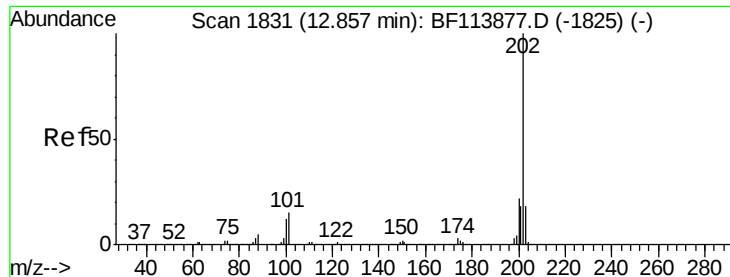
Delta R.T. -0.01 min

Lab File: BF113913.D

Acq: 23 Apr 2019 7:55

Tgt	Ion	240	Resp:	430229
Ion	Ratio		Lower	Upper
240	100			
120	10.5	9.3	13.9	
236	25.6	21.2	31.8	





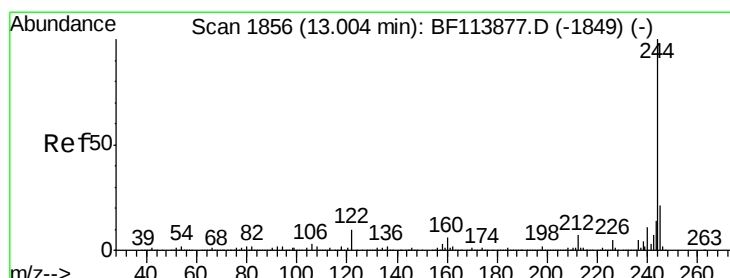
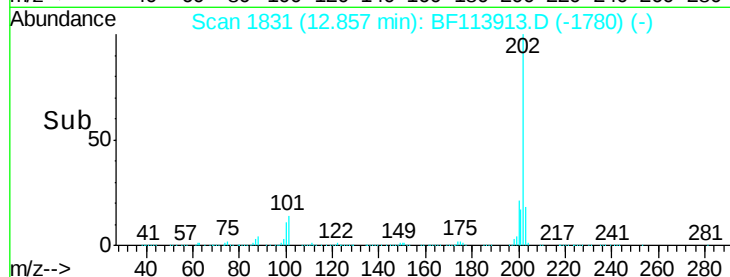
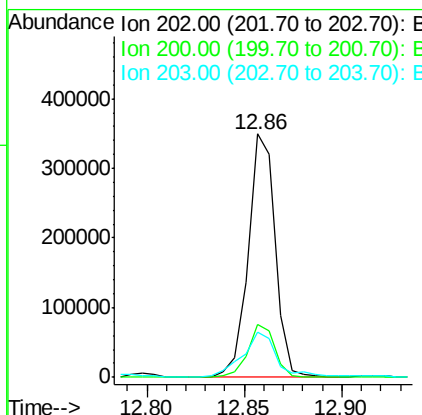
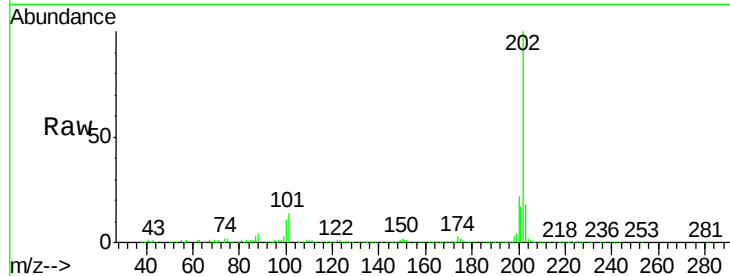
#78
Pyrene
Concen: 11.103 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.4	15.0	22.6

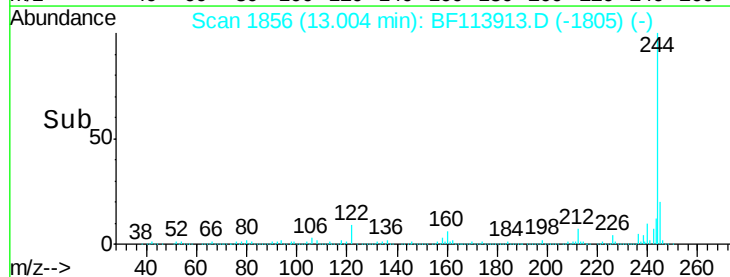
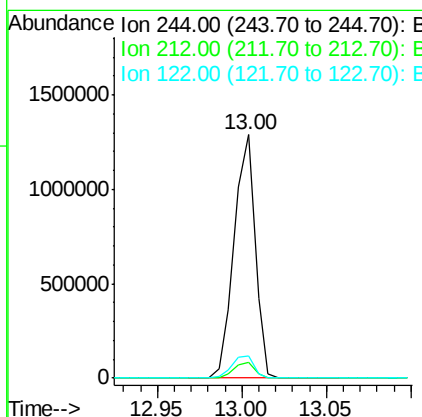
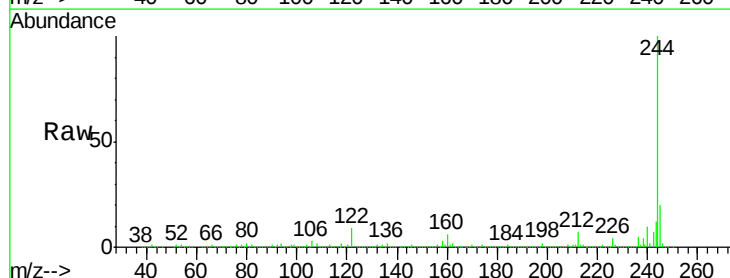
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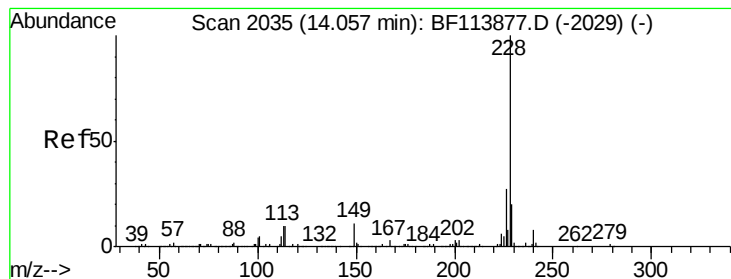
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#79
Terphenyl-d14
Concen: 53.330 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	9.0	7.6	11.4





#81

Benzo(a)anthracene

Concen: 6.639 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113913.D

Acq: 23 Apr 2019 7:55

Instrument :

BNA_F

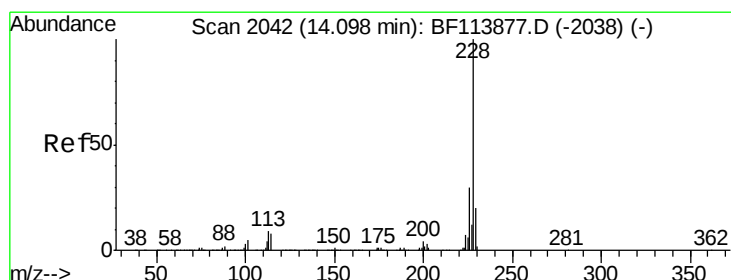
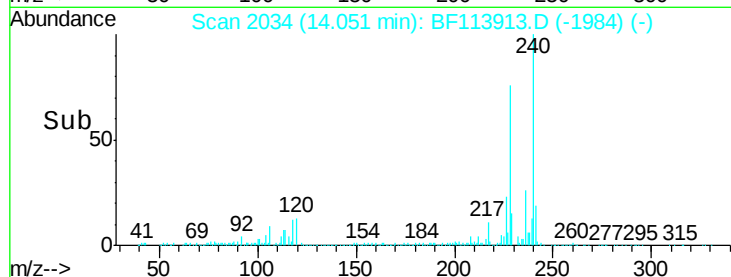
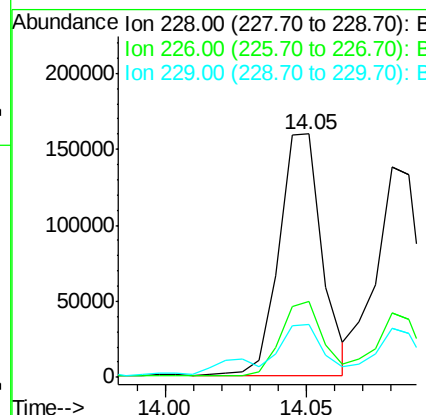
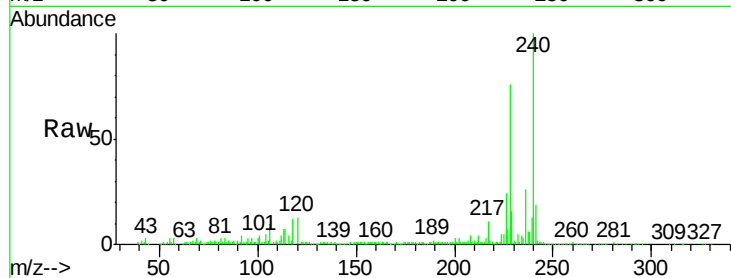
ClientSampleId :

M-COMP-4.18.19

Tgt Ion:	228	Resp:	168286
Ion Ratio	Lower	Upper	
228	100		
226	31.0	22.2	33.2
229	21.6	16.0	24.0

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#83

Chrysene

Concen: 5.932 ng

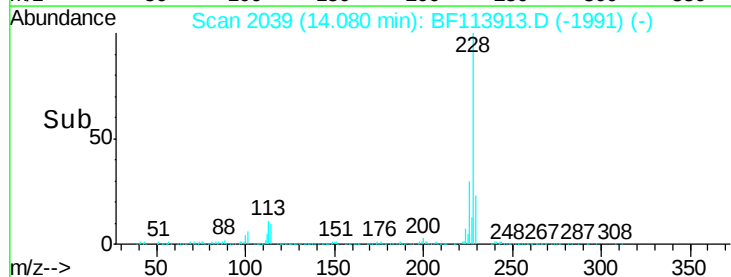
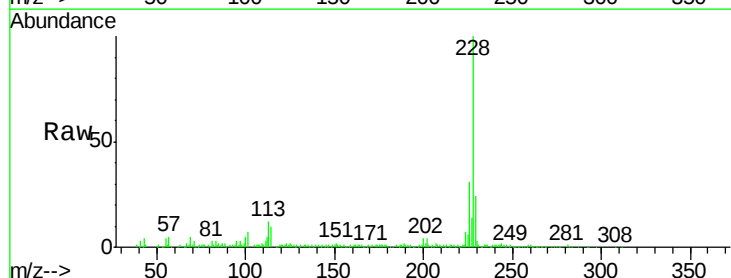
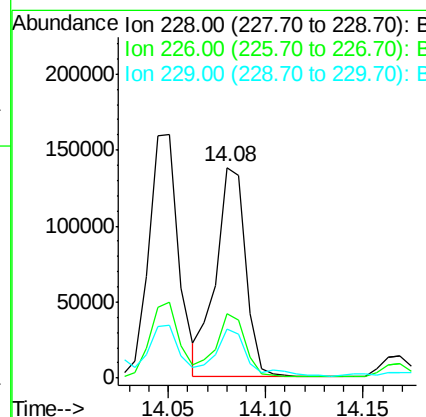
RT: 14.08 min Scan# 2039

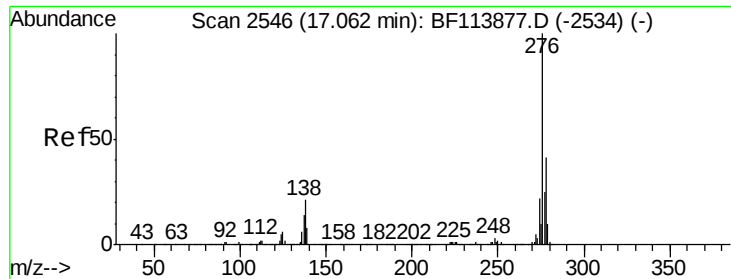
Delta R.T. -0.02 min

Lab File: BF113913.D

Acq: 23 Apr 2019 7:55

Tgt Ion:	228	Resp:	146441
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.2	37.8
229	23.6	16.7	25.1





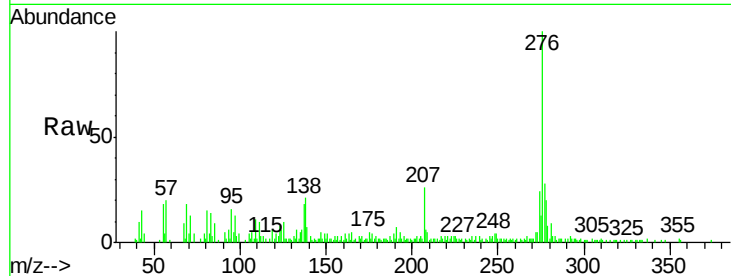
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.288 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.03 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

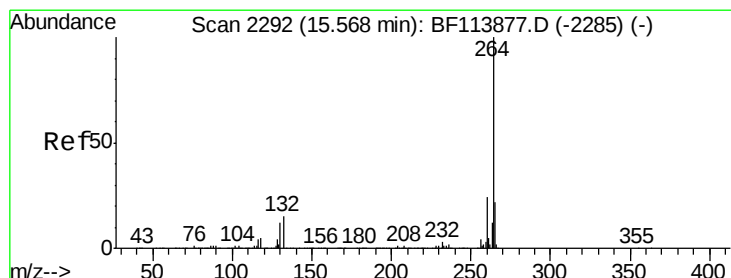
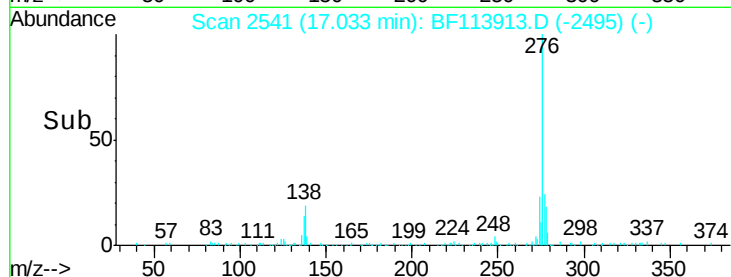
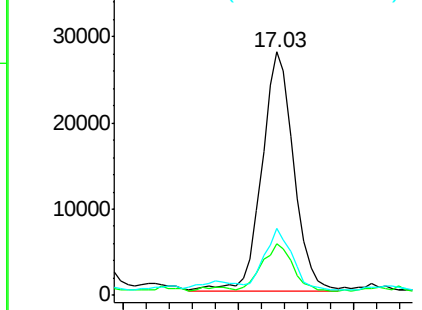
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	19.6	29.4#
277	23.0	20.2	30.4

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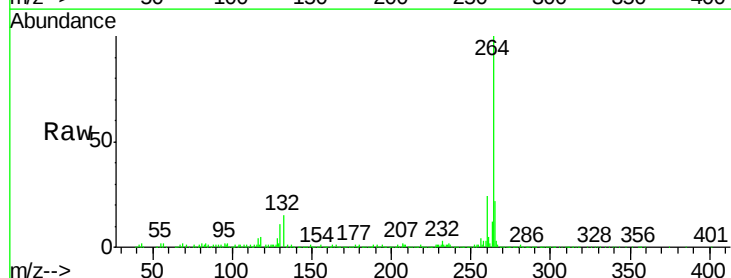


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

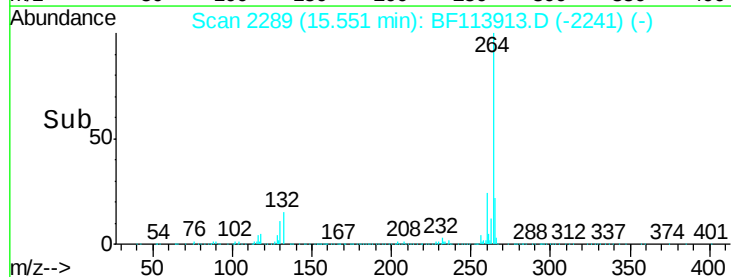
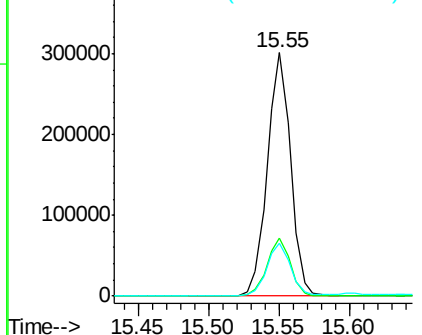


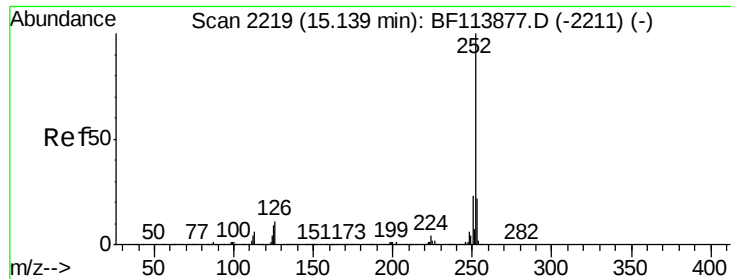
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9



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





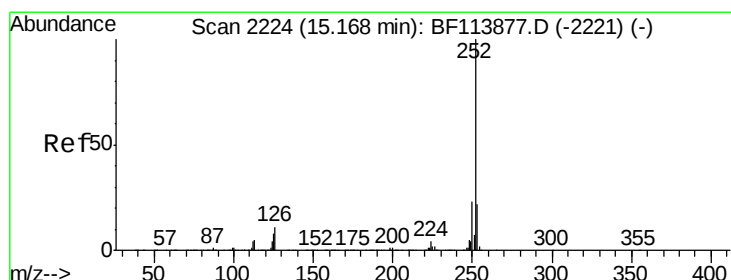
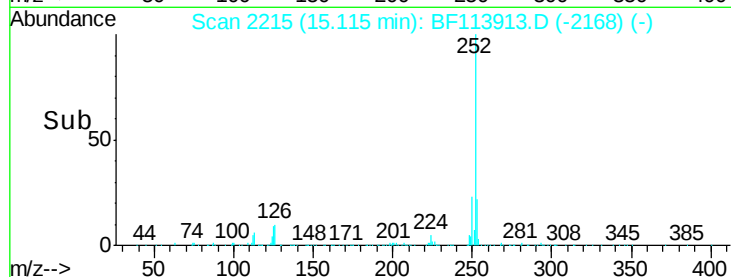
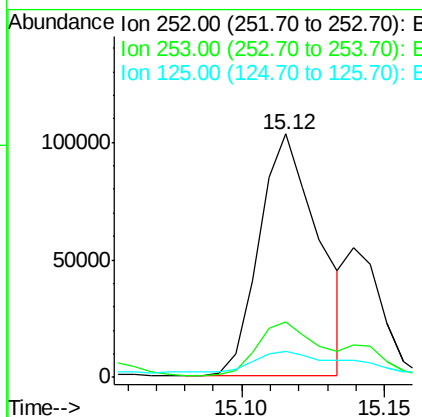
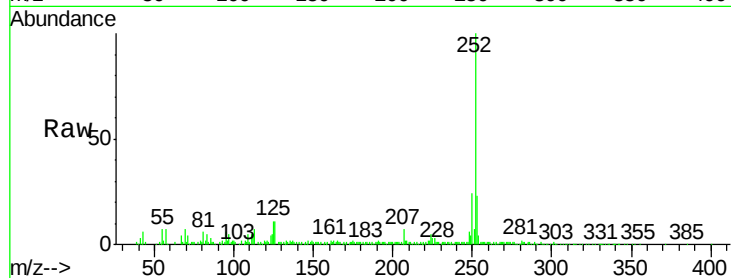
#88
Benzo(b)fluoranthene
Concen: 6.711 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.8	26.6
125	10.9	7.0	10.6

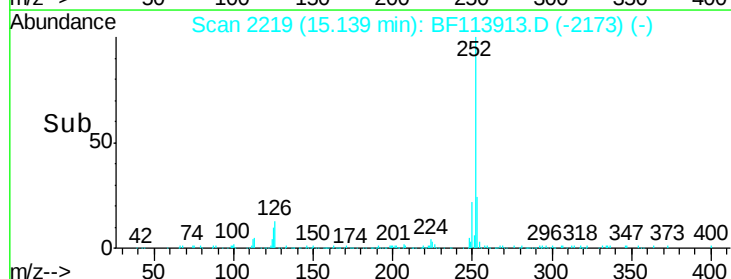
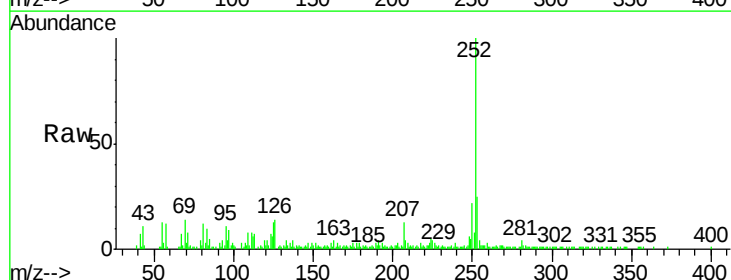
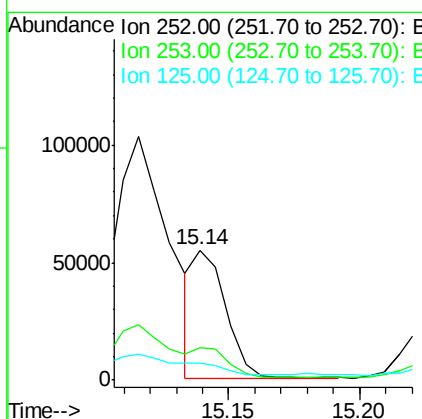
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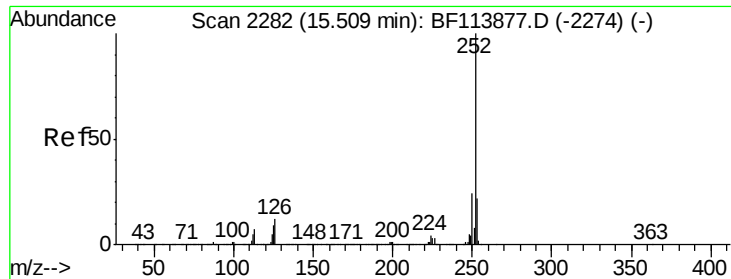
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#89
Benzo(k)fluoranthene
Concen: 2.481 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.3	18.2	27.2
125	13.3	7.4	11.2





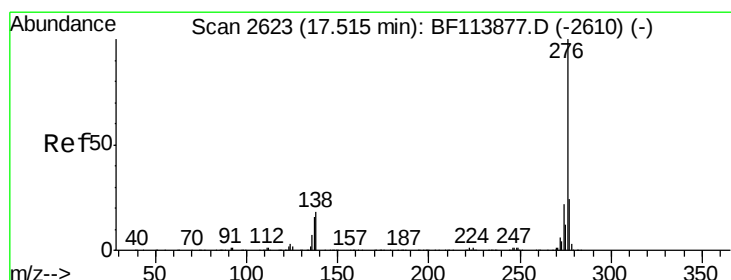
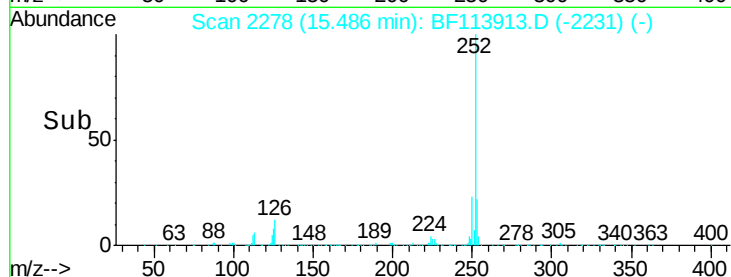
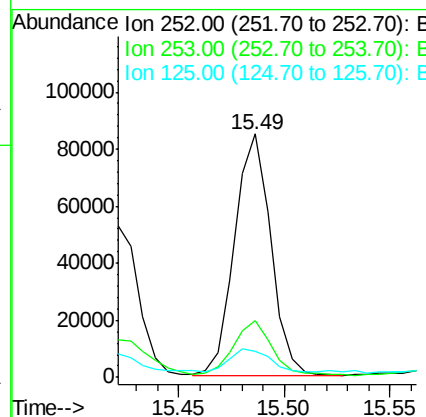
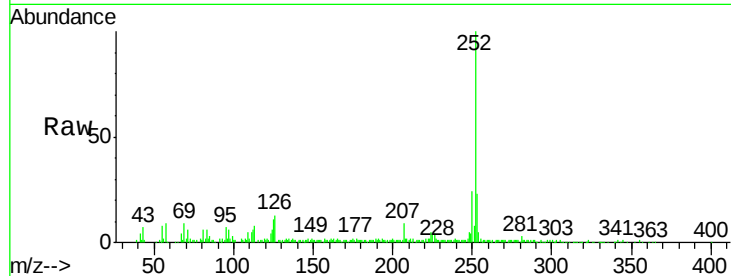
#90
Benzo(a)pyrene
Concen: 5.265 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Instrument :
BNA_F
ClientSampleId :
M-COMP-4.18.19

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.5	26.3
125	10.9	8.5	12.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.631 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF113913.D
Acq: 23 Apr 2019 7:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.0	28.4
138	19.8	16.6	25.0

