

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116561.D
 Acq On : 26 Aug 2019 7:17
 Operator : HP/JU
 Sample : K4509-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Manual Integrations
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 8/29/2019 7:53:48 AM

Quant Time: Aug 26 08:51:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	138021	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	507570	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	227787	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	313001	20.00	ng	0.00
76) Chrysene-d12	14.03	240	211098	20.00	ng	0.00
87) Perylene-d12	15.50	264	185447	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	715913	75.79	ng	0.01
7) Phenol-d6	6.51	99	939661	81.13	ng	0.00
23) Nitrobenzene-d5	7.44	82	553570	59.67	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	101693	51.99	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1011947	71.54	ng	0.00
79) Terphenyl-d14	12.98	244	702049	62.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.62	163	132622	8.345	ng	99
71) Phenanthrene	11.42	178	246888	14.479	ng	99
72) Anthracene	11.47	178	61539	3.592	ng	98
75) Fluoranthene	12.61	202	384100	21.789	ng	99
78) Pyrene	12.83	202	351667	20.831	ng	99
81) Benzo(a)anthracene	14.02	228	161923	11.843	ng	98
83) Chrysene	14.06	228	152536	11.007	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	54904	4.625	ng	96
88) Benzo(b)fluoranthene	15.07	252	158036m	13.795	ng	
89) Benzo(k)fluoranthene	15.09	252	47986m	4.624	ng	
90) Benzo(a)pyrene	15.43	252	105641	10.434	ng	97
92) Benzo(a,h,i)perylene	17.40	276	52198	6.581	ng	95

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

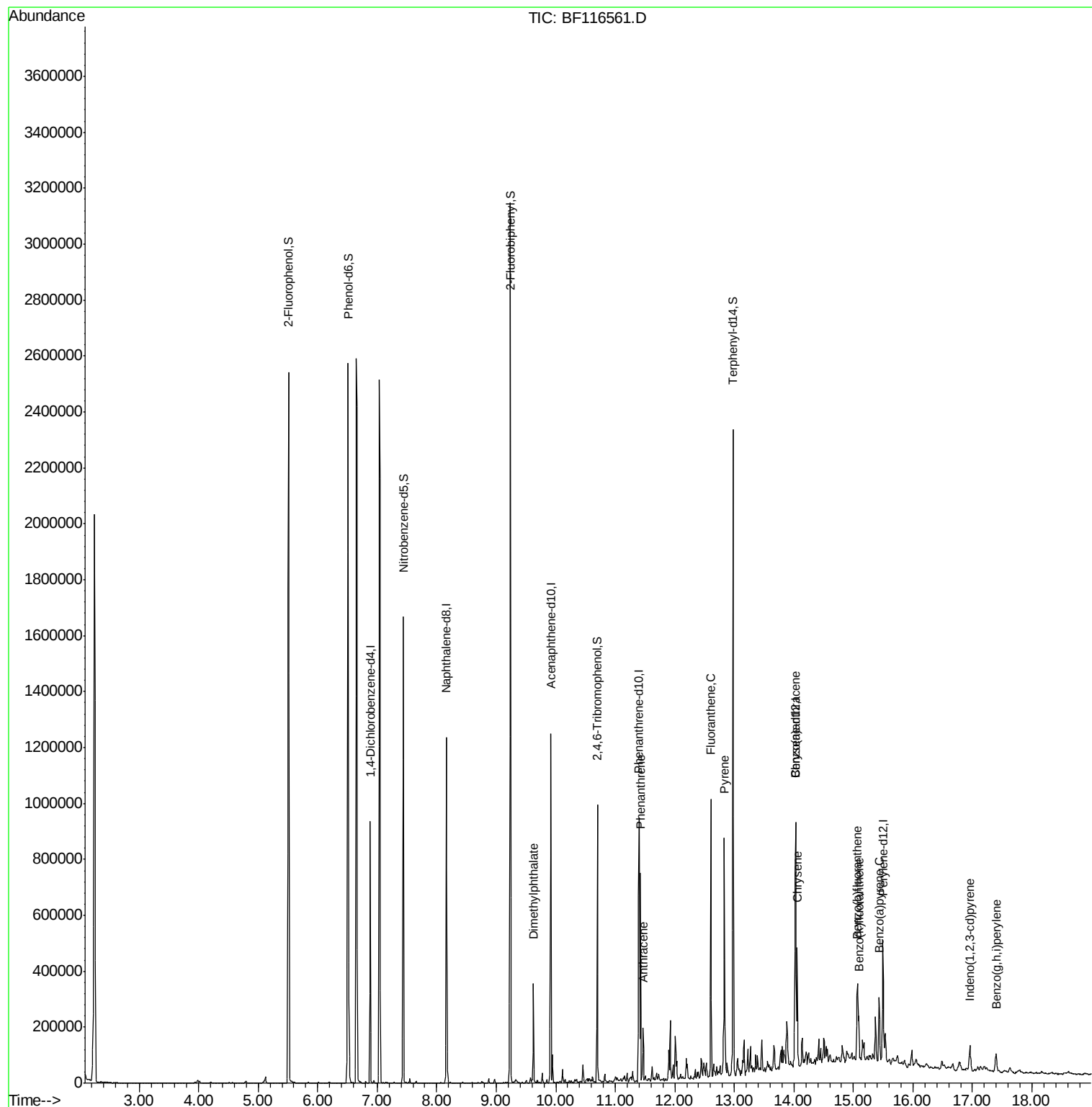
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116561.D
Acq On : 26 Aug 2019 7:17
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ALS Vial : 36 Sample Multiplier: 1

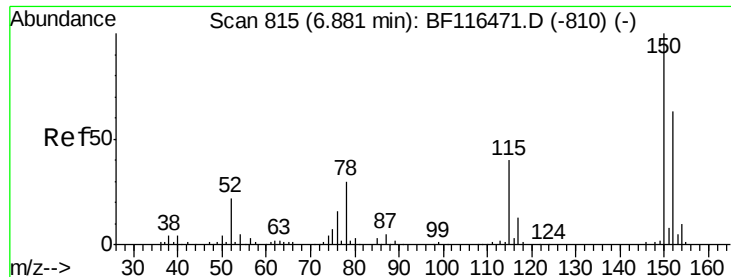
Instrument :
BNA_F
ClientSampled :
SB-50-COMP

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Quant Time: Aug 26 08:51:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

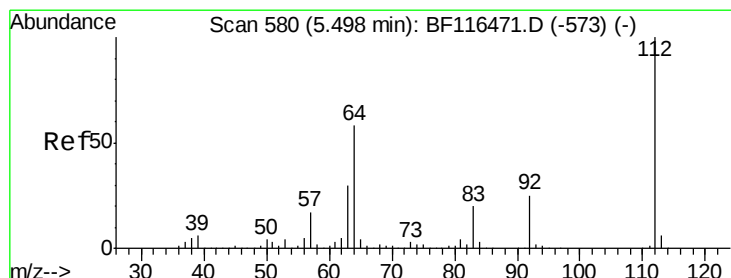
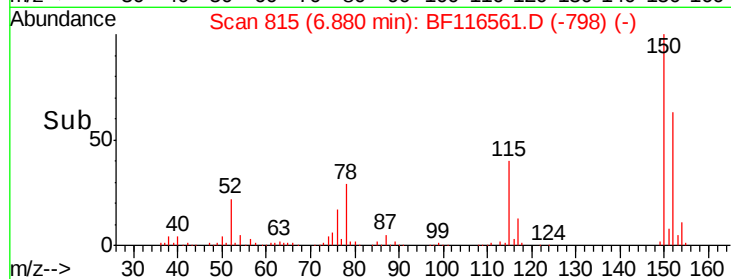
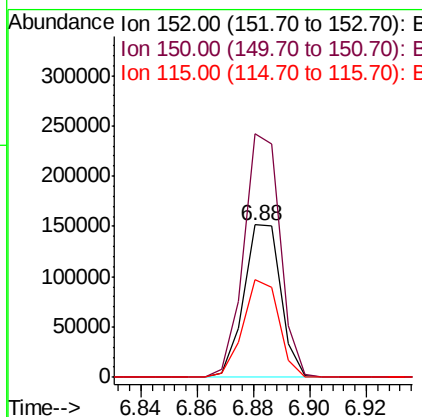
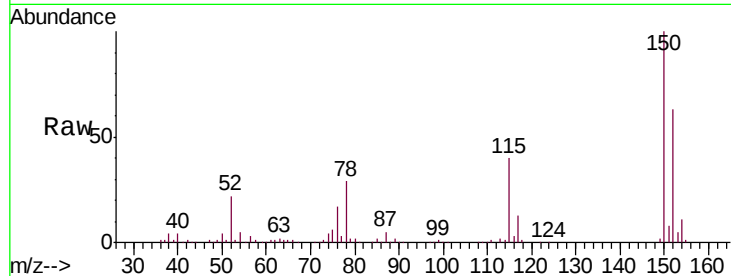
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.7	190.1
115	64.3	50.9	76.3

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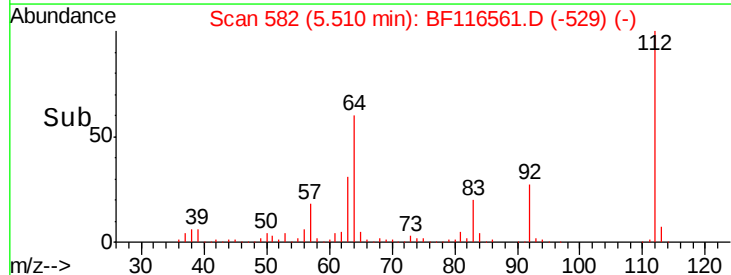
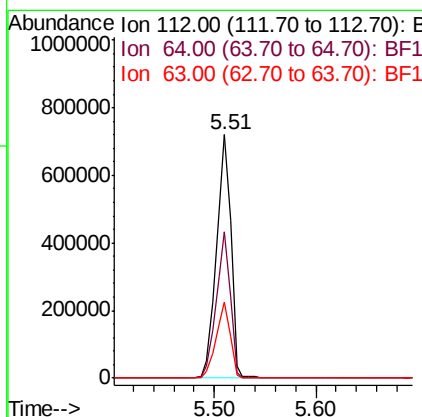
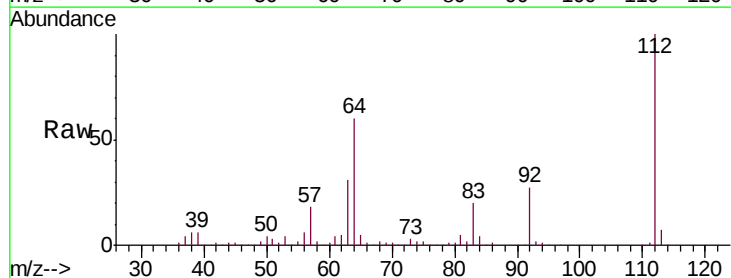
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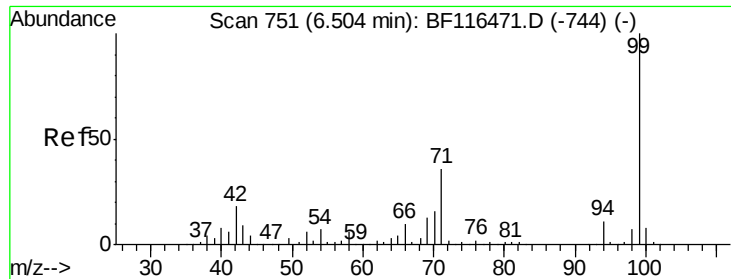


#5

2-Fluorophenol
Concen: 75.789 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.3	69.5
63	31.2	24.2	36.4





#7

Phenol-d6

Concen: 81.129 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Instrument :

BNA_F

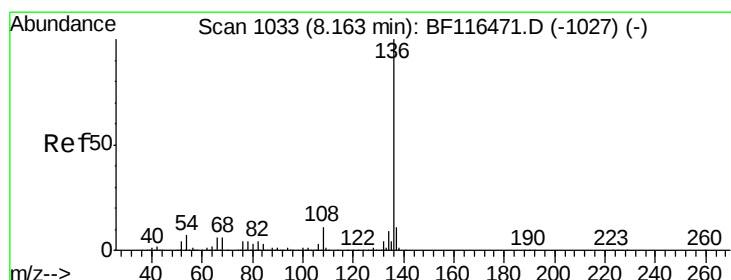
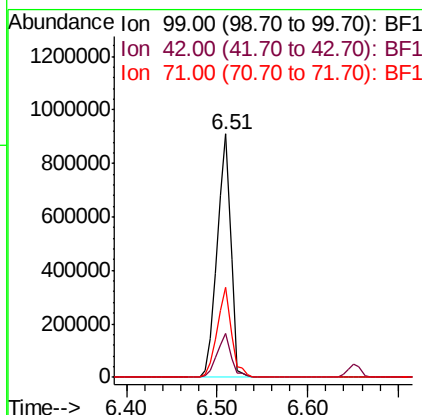
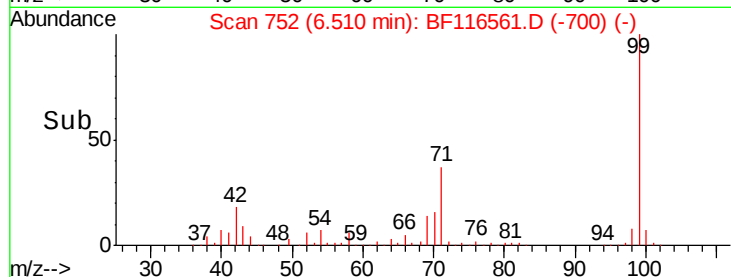
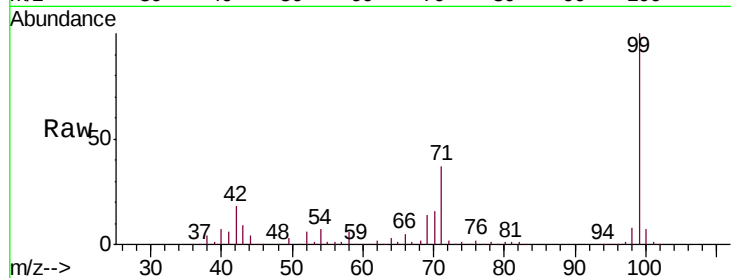
ClientSampleId :

SB-50-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		939661		
42	17.9	14.6	21.8		
71	37.1	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

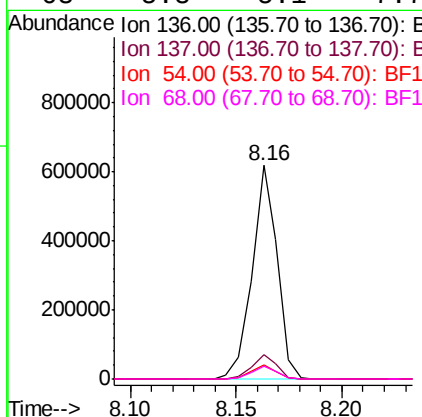
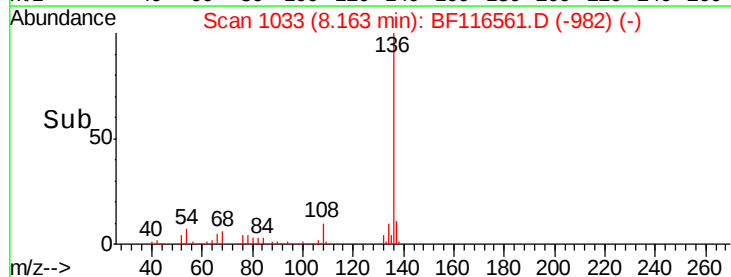
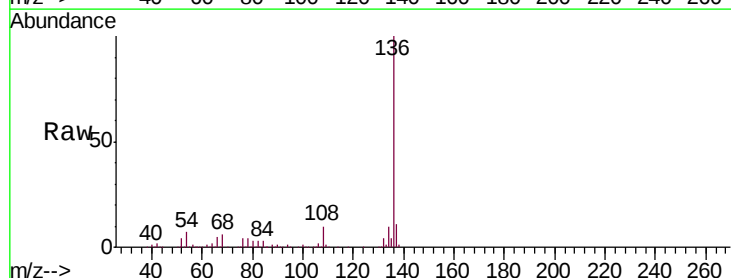
RT: 8.16 min Scan# 1033

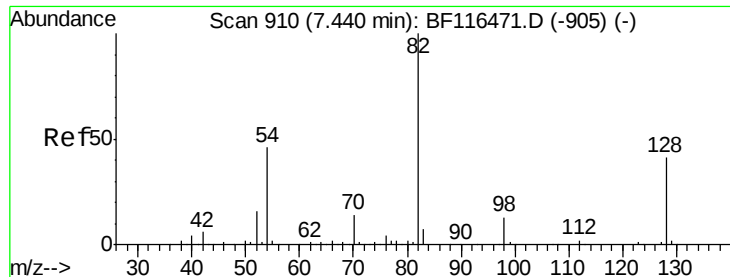
Delta R.T. -0.00 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		507570		
137	11.2	9.0	13.4		
54	6.8	5.8	8.6		
68	5.8	5.1	7.7		





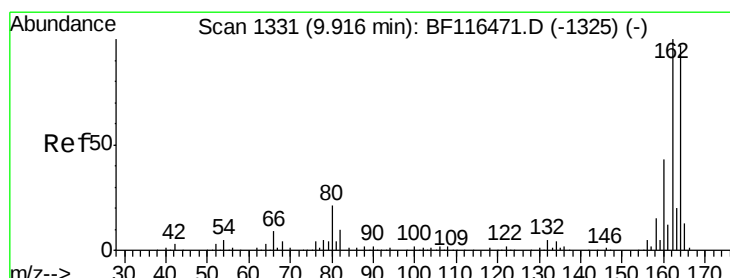
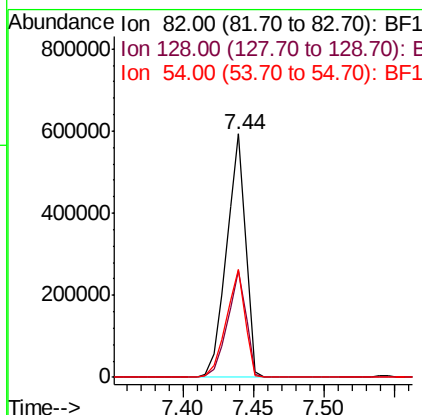
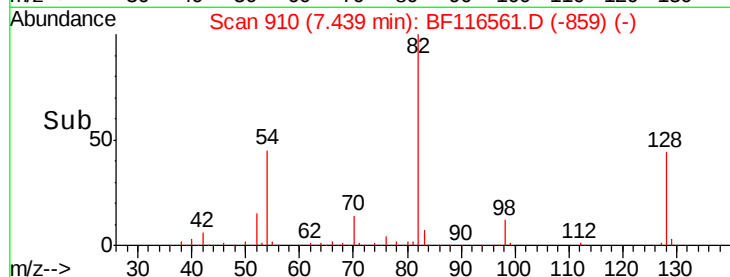
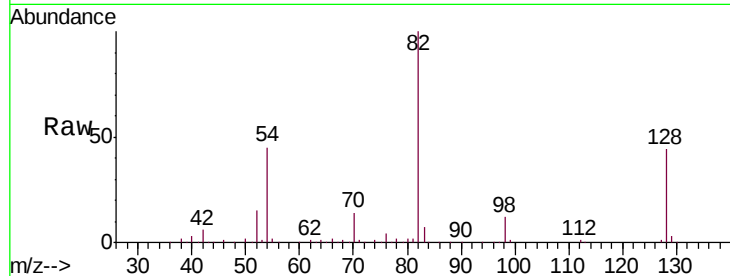
#23
Nitrobenzene-d5
Concen: 59.668 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	553570		
128	44.0		32.2	48.4
54	44.5		36.5	54.7

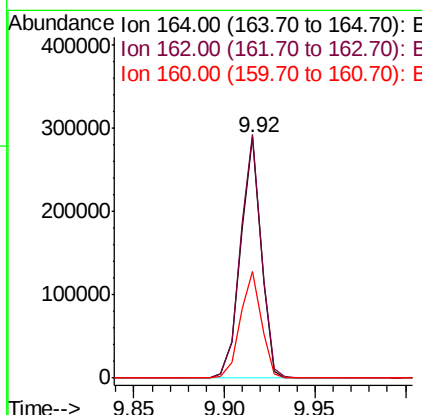
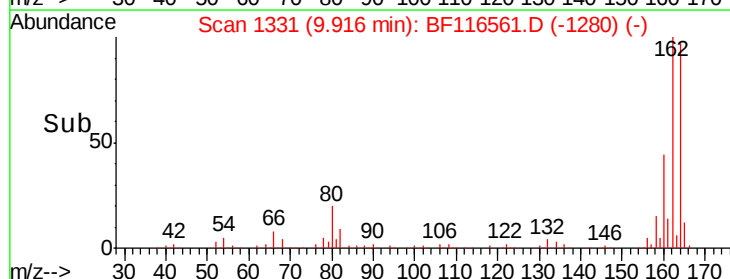
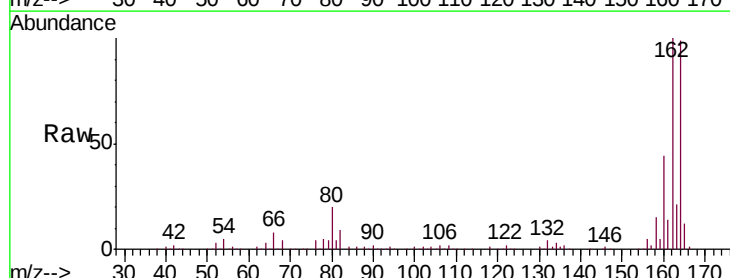
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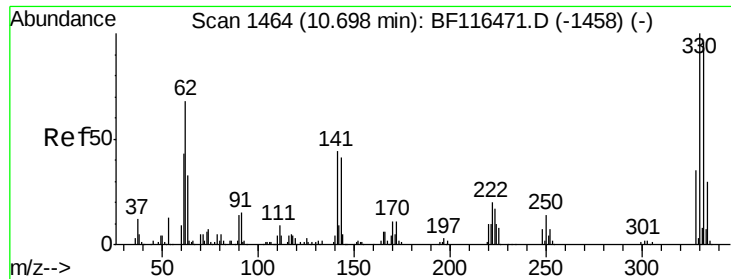
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	227787		
162	101.2		82.6	123.8
160	44.4		35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 51.992 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Instrument :

BNA_F

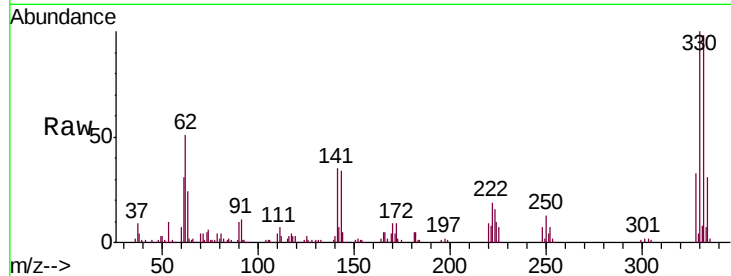
ClientSampleId :

SB-50-COMP

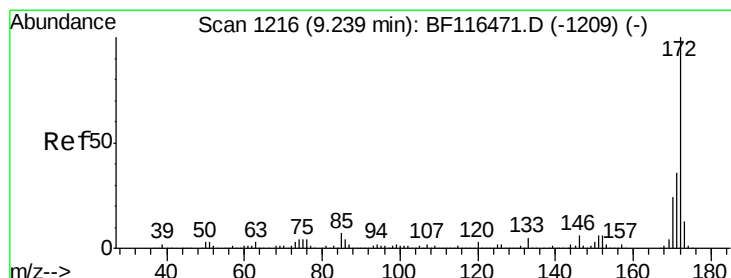
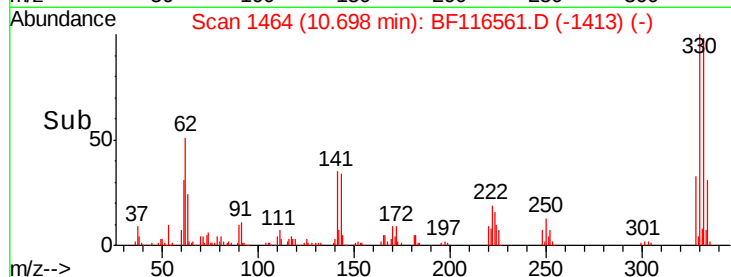
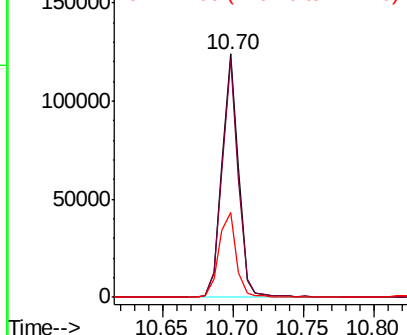
Tot Ion:	330	Resp:	101693
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	36.9	33.3	49.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 71.543 ng

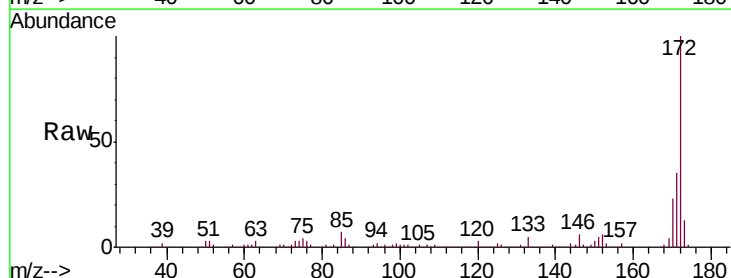
RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

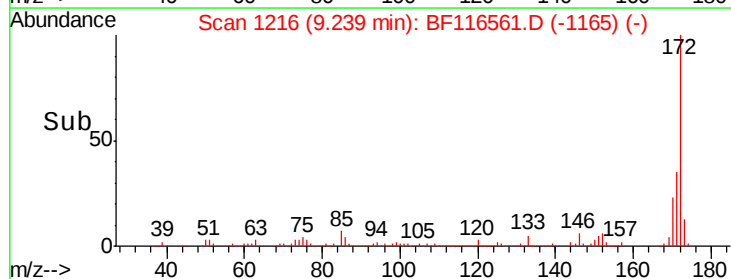
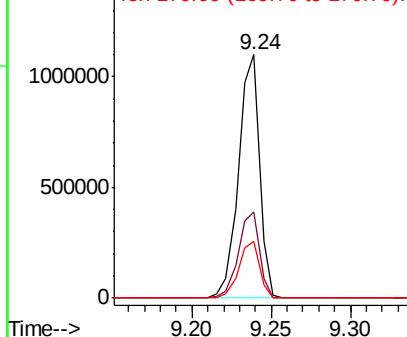
Lab File: BF116561.D

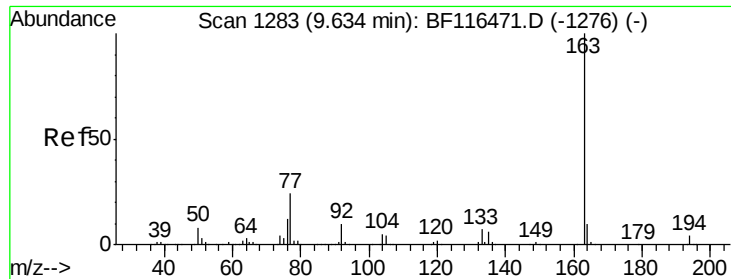
Acq: 26 Aug 2019 7:17

Tgt Ion:	172	Resp:	1011947
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.9	43.3
170	23.3	19.4	29.0



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





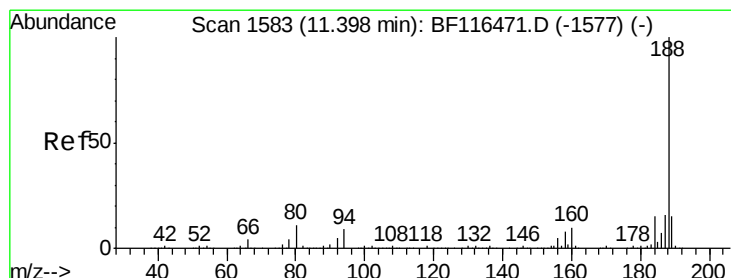
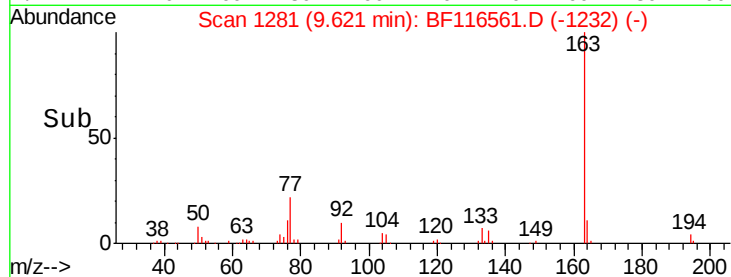
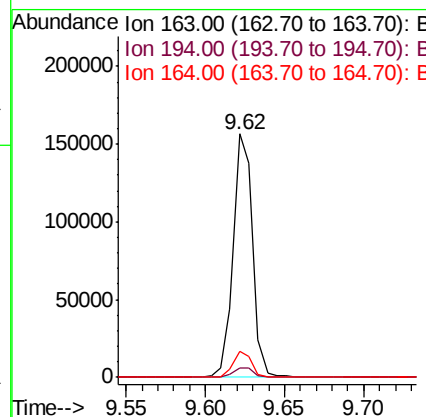
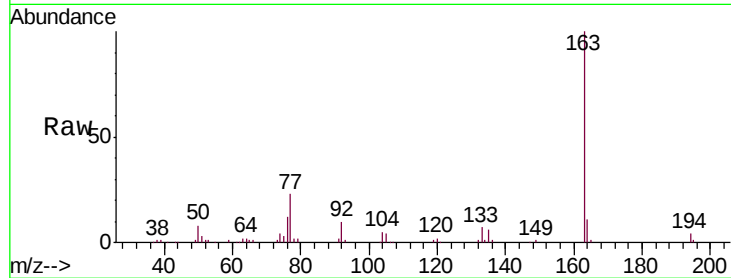
#50
Dimethylphthalate
Concen: 8.345 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.6	8.2	12.2

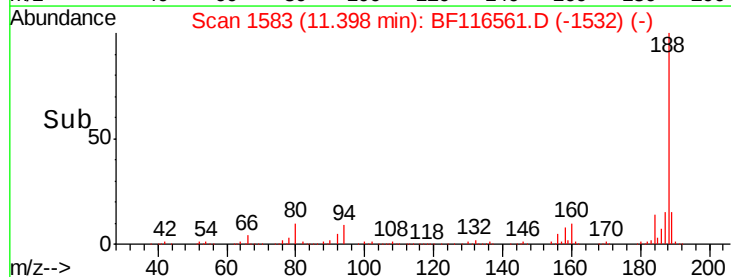
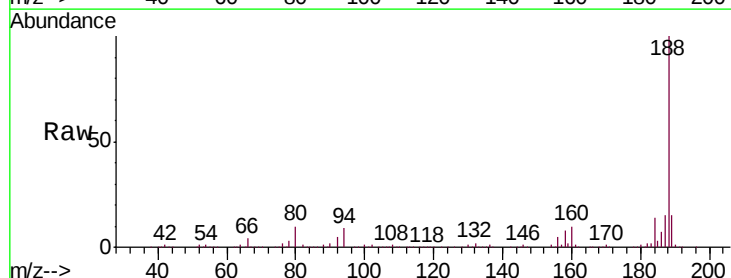
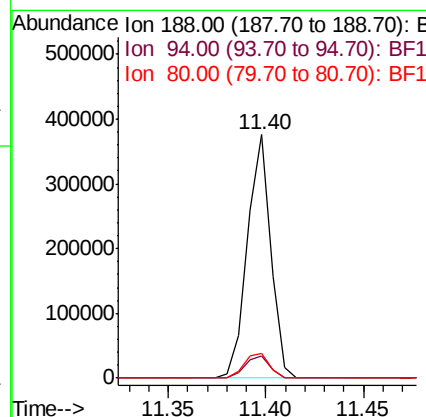
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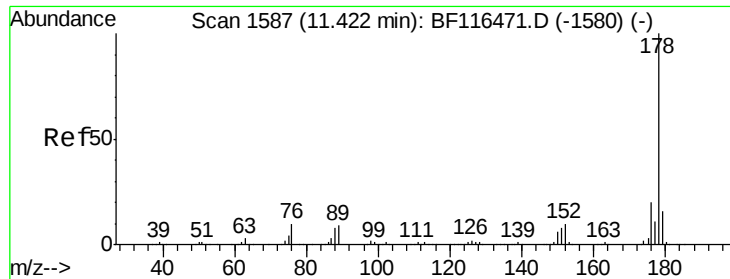
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	7.4	11.2
80	10.3	8.6	12.8





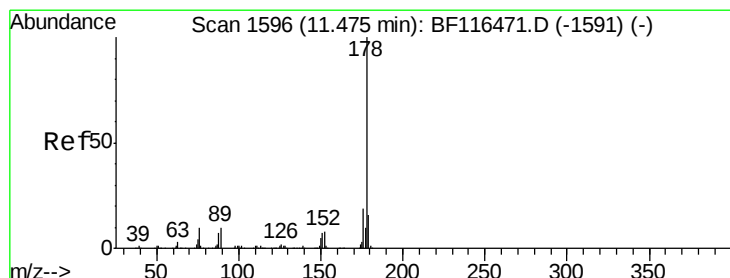
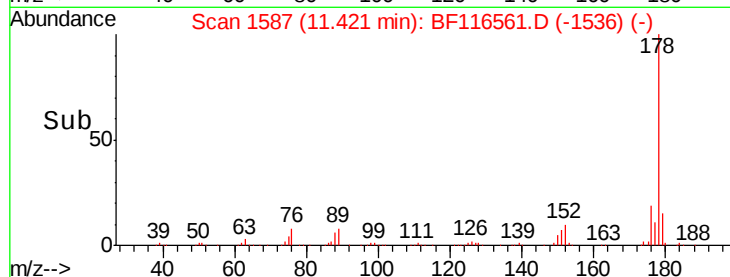
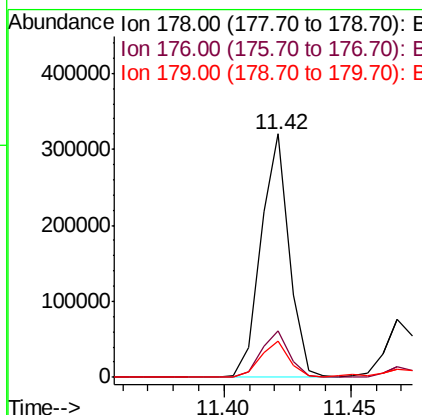
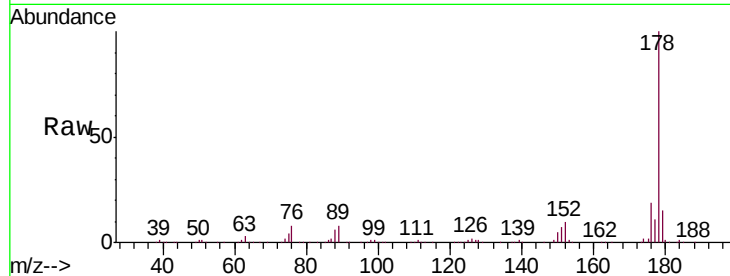
#71
 Phenanthrene
 Concen: 14.479 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF116561.D
 Acq: 26 Aug 2019 7:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.1	12.8	19.2

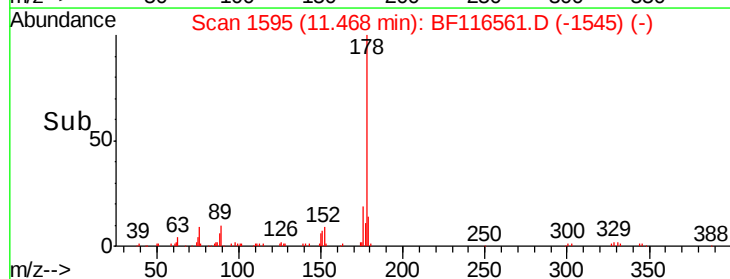
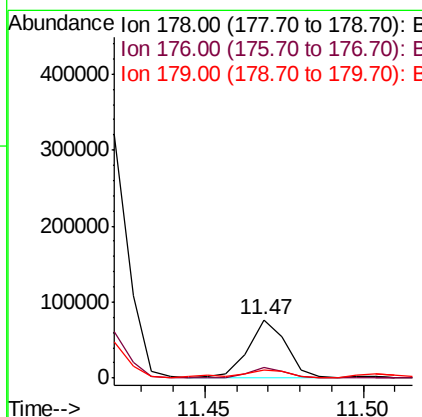
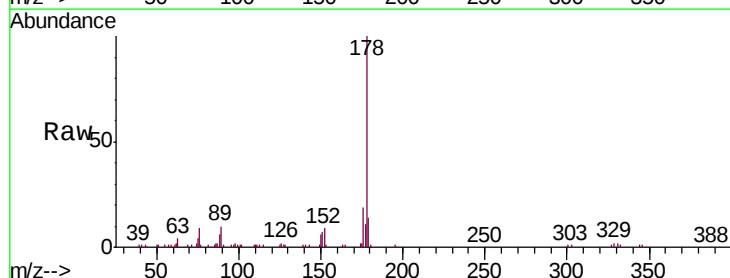
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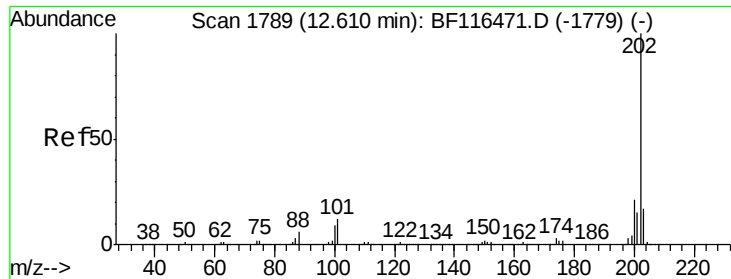
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#72
 Anthracene
 Concen: 3.592 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116561.D
 Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.5	12.5	18.7





#75

Fluoranthene

Concen: 21.789 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Instrument :

BNA_F

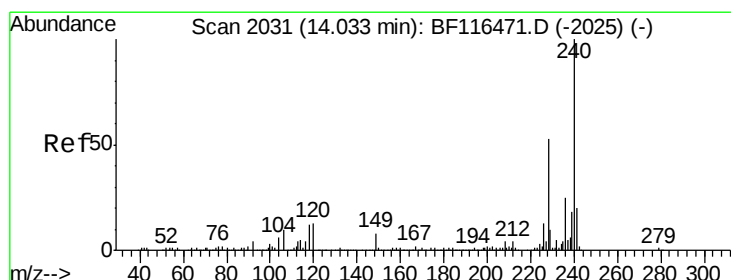
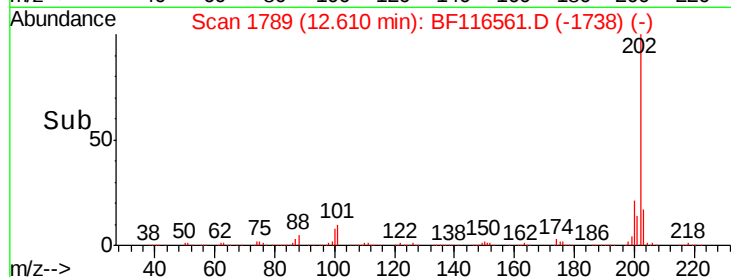
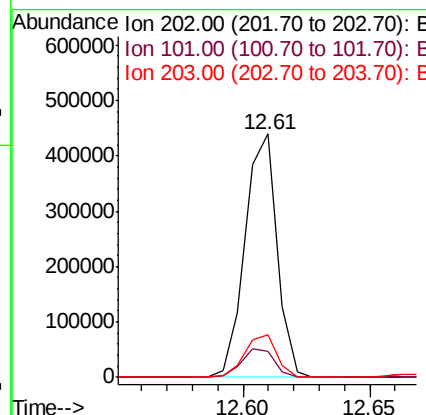
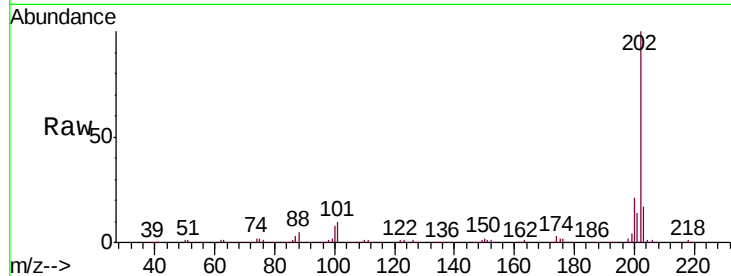
ClientSampleId :

SB-50-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		384100		
101	10.5	0.0	31.5		
203	17.4	0.0	37.5		

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#76

Chrysene-d12

Concen: 20.000 ng

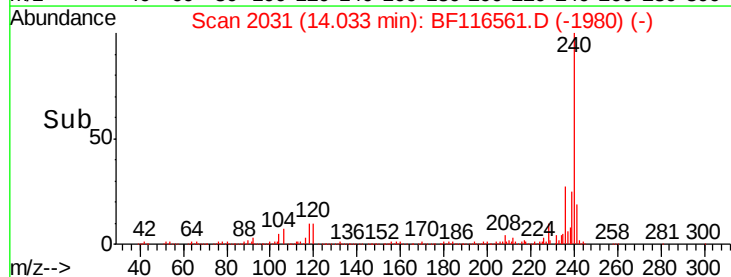
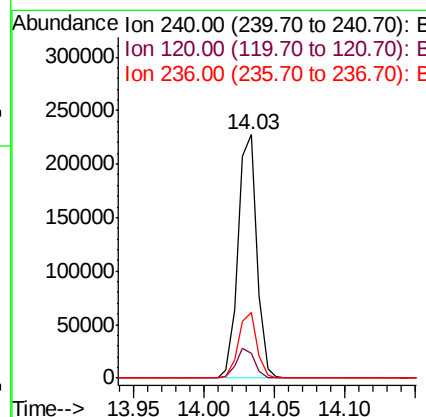
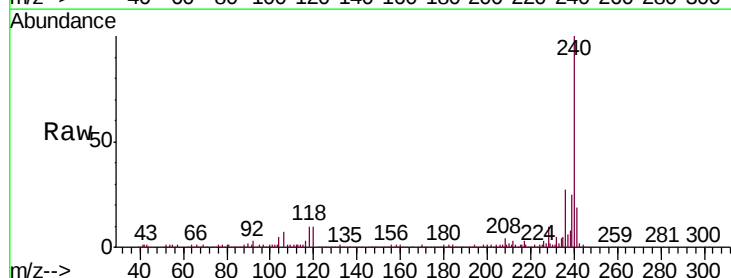
RT: 14.03 min Scan# 2031

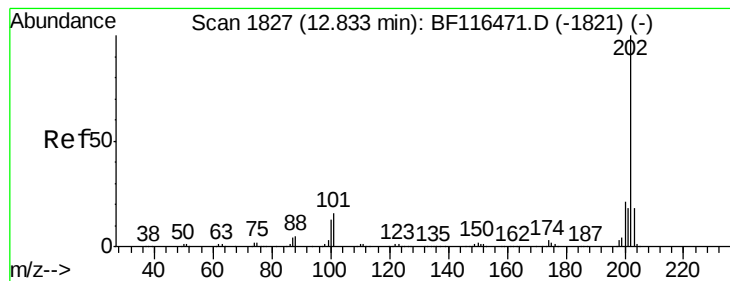
Delta R.T. -0.00 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		211098		
120	10.3	10.5	15.7#		
236	27.0	20.2	30.2		





#78

Pvrene

Concen: 20.831 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116561.D

Acq: 26 Aug 2019 7:17

Instrument :

BNA_F

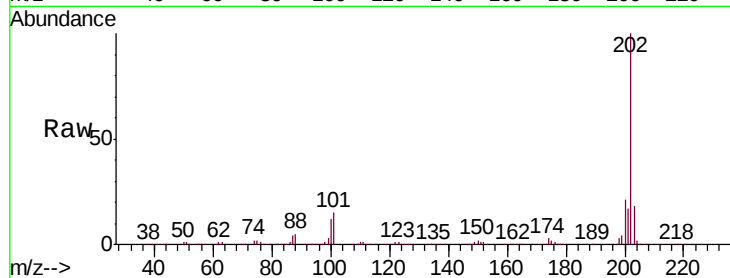
ClientSampleId :

SB-50-COMP

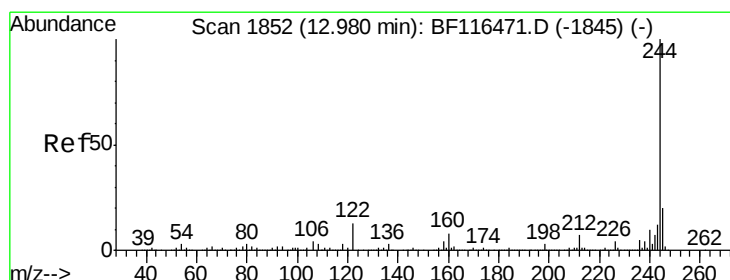
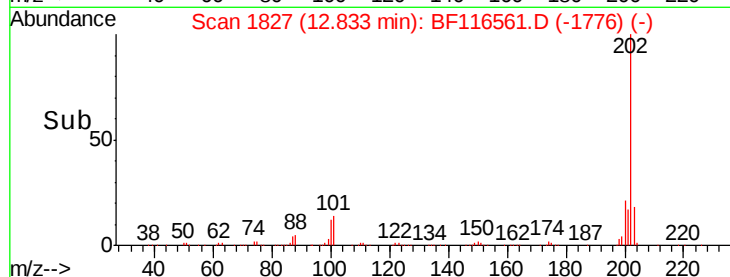
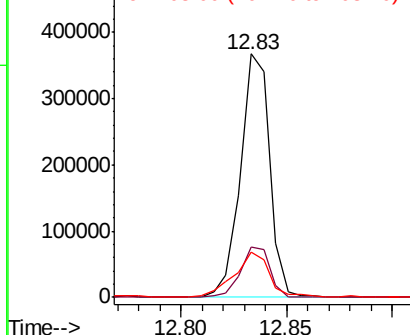
Tot Ion:	202	Resp:	351667
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.4	14.2	21.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 62.121 ng

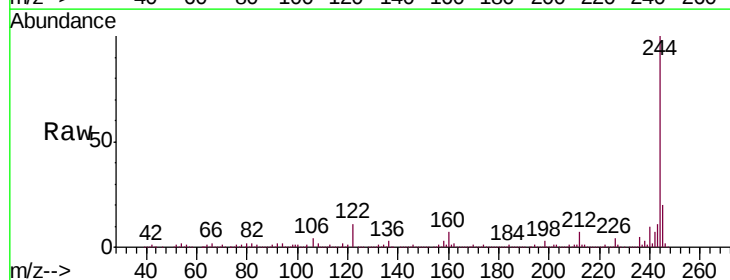
RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

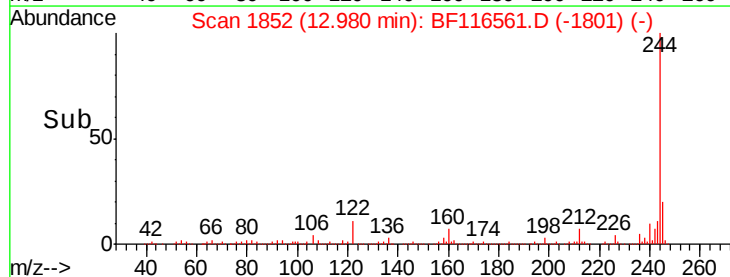
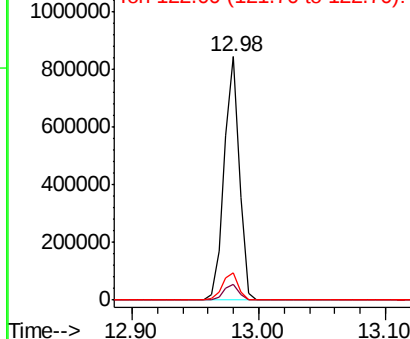
Lab File: BF116561.D

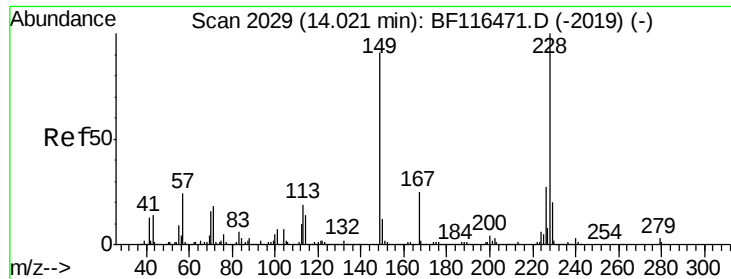
Acq: 26 Aug 2019 7:17

Tgt Ion:	244	Resp:	702049
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.3	10.2	15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





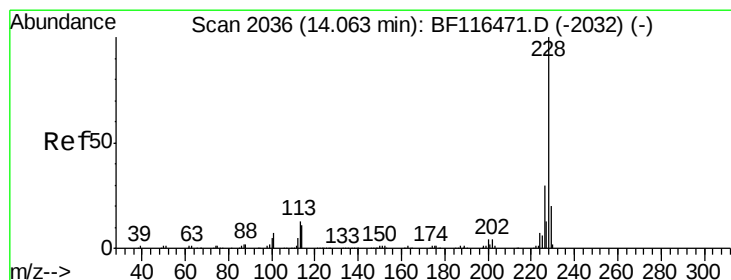
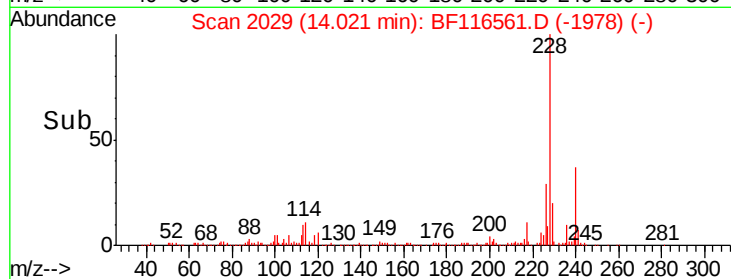
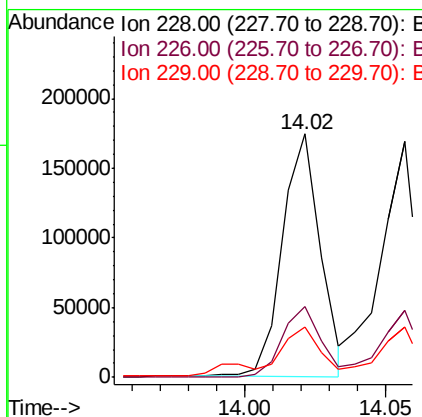
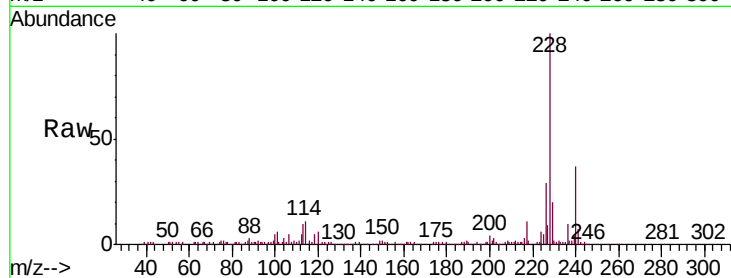
#81
Benzo(a)anthracene
Concen: 11.843 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.4	15.9	23.9

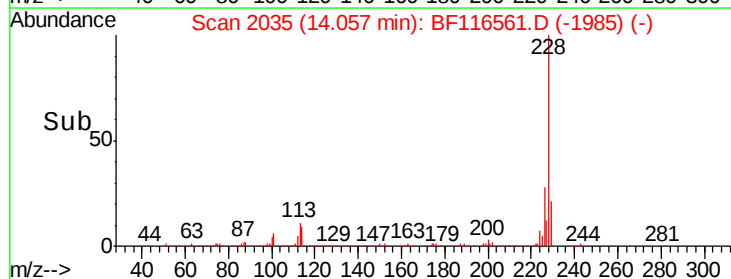
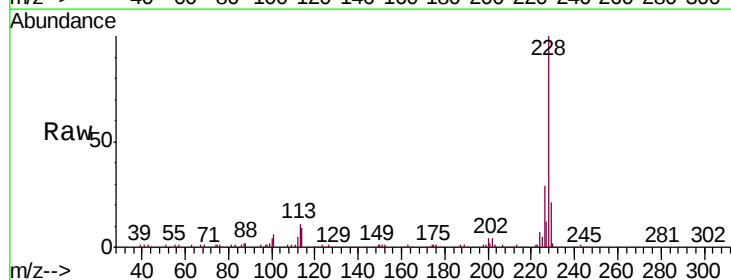
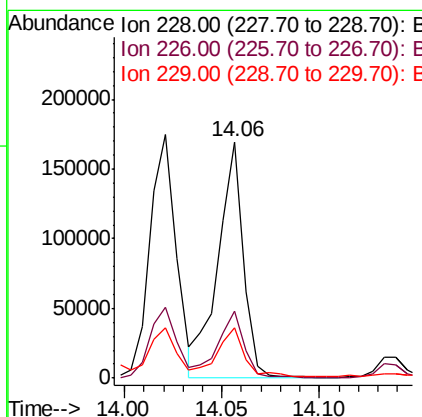
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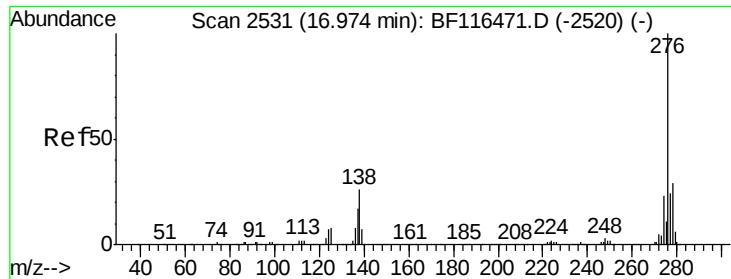
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#83
Chrysene
Concen: 11.007 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	21.4	15.8	23.6





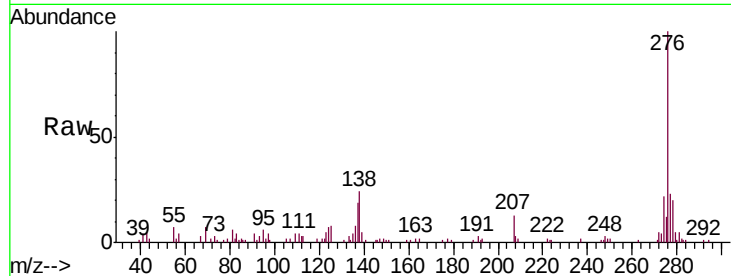
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.625 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

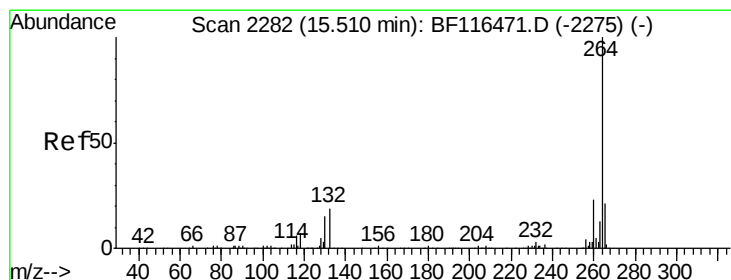
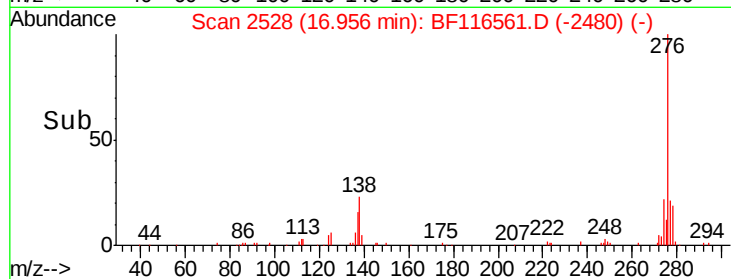
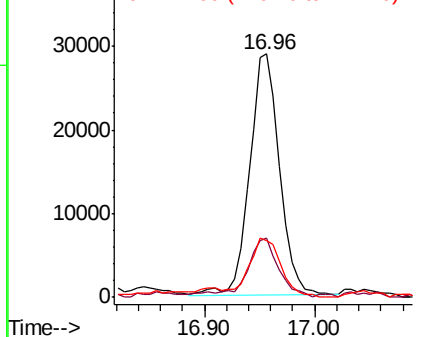
Tot Ion:	276	Resp:	54904
Ion Ratio	Lower	Upper	
276	100		
138	26.1	22.9	34.3
277	26.5	19.9	29.9

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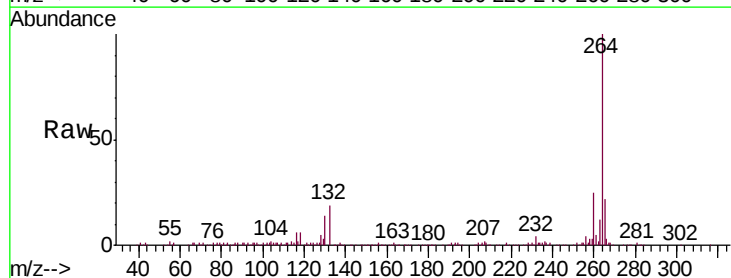


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

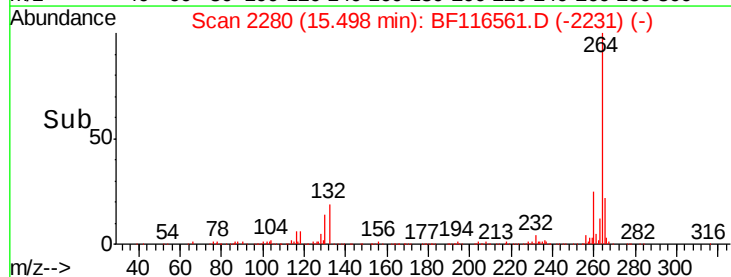
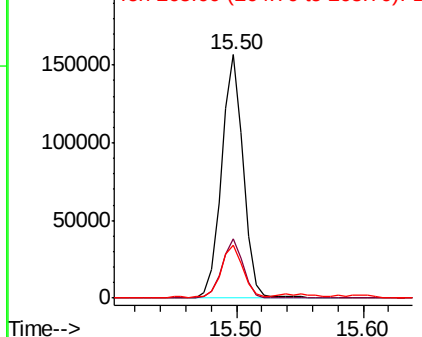


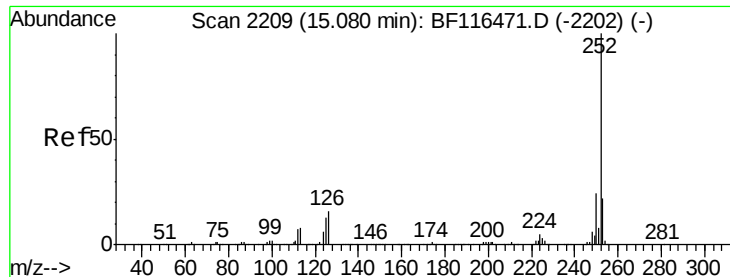
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion:	264	Resp:	185447
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.8	28.2
265	21.8	17.1	25.7



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





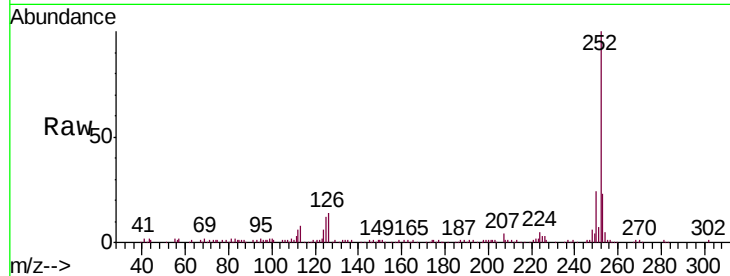
#88
Benzo(b)fluoranthene
Concen: 13.795 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

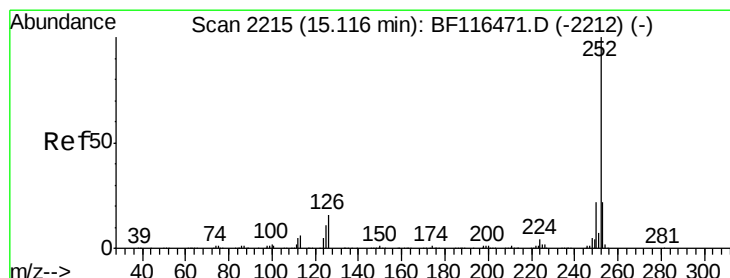
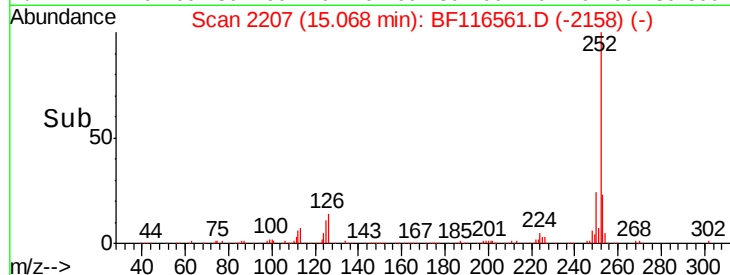
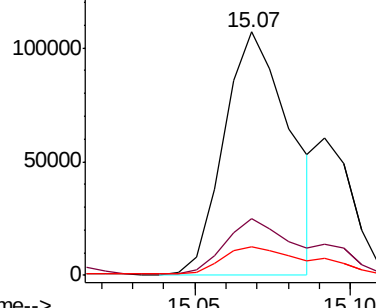
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.8	10.1	15.1

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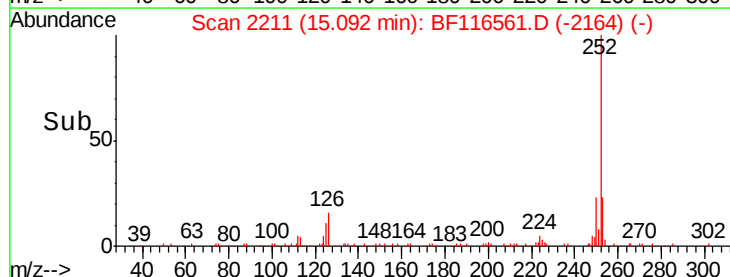
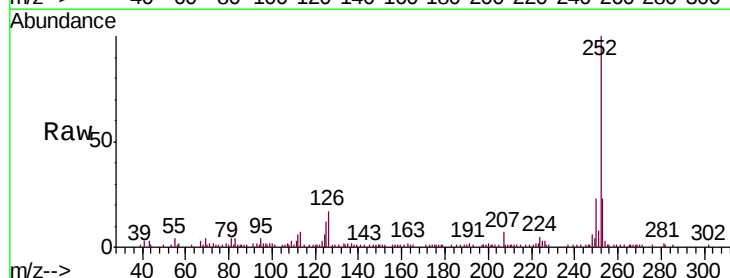
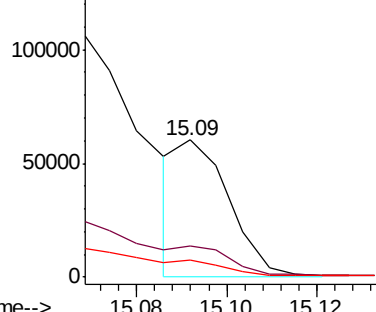
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

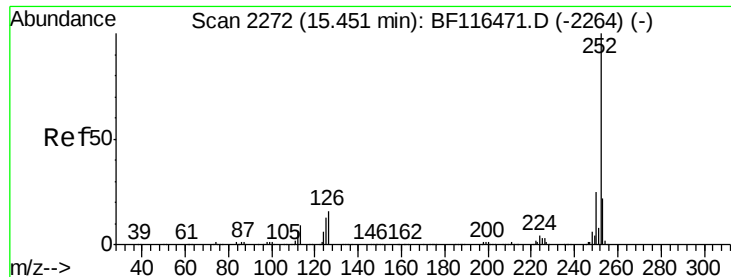


#89
Benzo(k)fluoranthene
Concen: 4.624 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.5	9.1	13.7

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





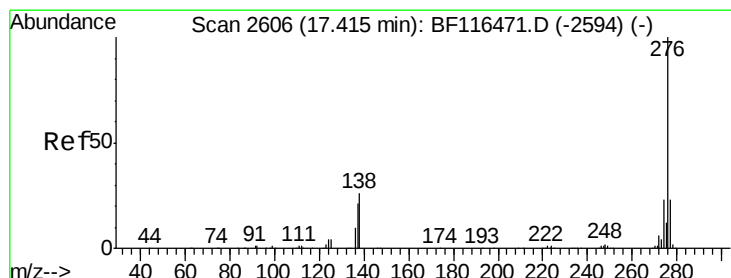
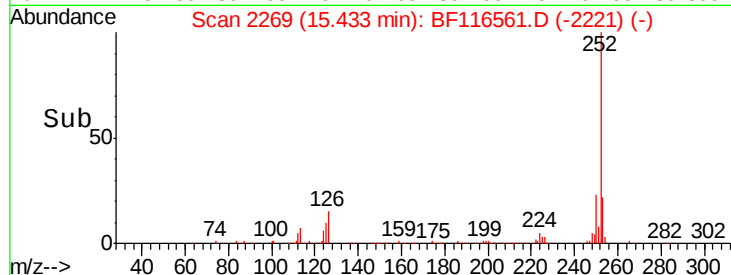
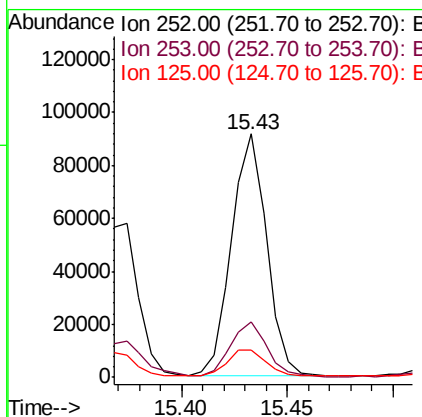
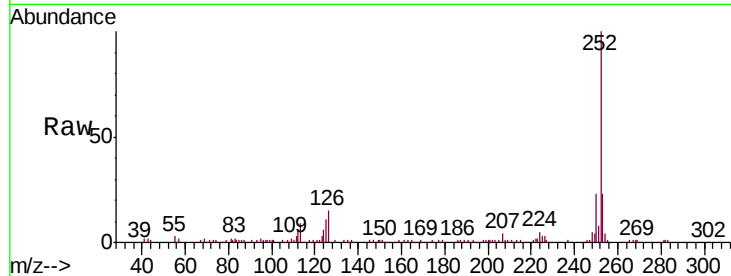
#90
Benzo(a)pyrene
Concen: 10.434 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.9	17.2	25.8		
125	11.1	10.2	15.4		

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#92
Benzo(g,h,i)perylene
Concen: 6.581 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116561.D
Acq: 26 Aug 2019 7:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	25.6	18.7	28.1		
138	23.6	20.8	31.2		

