

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112222.D
 Acq On : 24 Jan 2019 21:24
 Operator : JU/SJ
 Sample : K1223-10 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-V

Manual Integrations
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Quant Time: Jan 25 00:56:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	198837	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	744119	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	316098	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	529337	20.00	ng	0.00
76) Chrysene-d12	14.03	240	359269	20.00	ng	0.00
87) Perylene-d12	15.52	264	269040	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	482299	44.03	ng	0.00
7) Phenol-d6	6.50	99	675128	49.26	ng	0.00
23) Nitrobenzene-d5	7.42	82	390768	36.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	158831	46.58	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	733564	34.02	ng	0.00
79) Terphenyl-d14	12.97	244	506491	29.99	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	67331	2.921	ng	Qvalue # 99
71) Phenanthrene	11.41	178	246974	9.271	ng	95
75) Fluoranthene	12.60	202	361173	12.841	ng	97
78) Pyrene	12.83	202	293566	12.385	ng	98
81) Benzo(a)anthracene	14.02	228	136595	6.631	ng	97
83) Chrysene	14.06	228	140305	7.198	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	58205	3.906	ng	98
86) Indeno(1,2,3-cd)pyrene	17.01	276	60193	3.347	ng	95
88) Benzo(b)fluoranthene	15.08	252	157113m	10.288	ng	
89) Benzo(k)fluoranthene	15.10	252	49552m	3.352	ng	
90) Benzo(a)pyrene	15.45	252	93840	6.700	ng	# 86
92) Benzo(a,h,i)perylene	17.46	276	54765	4.469	ng	# 91

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

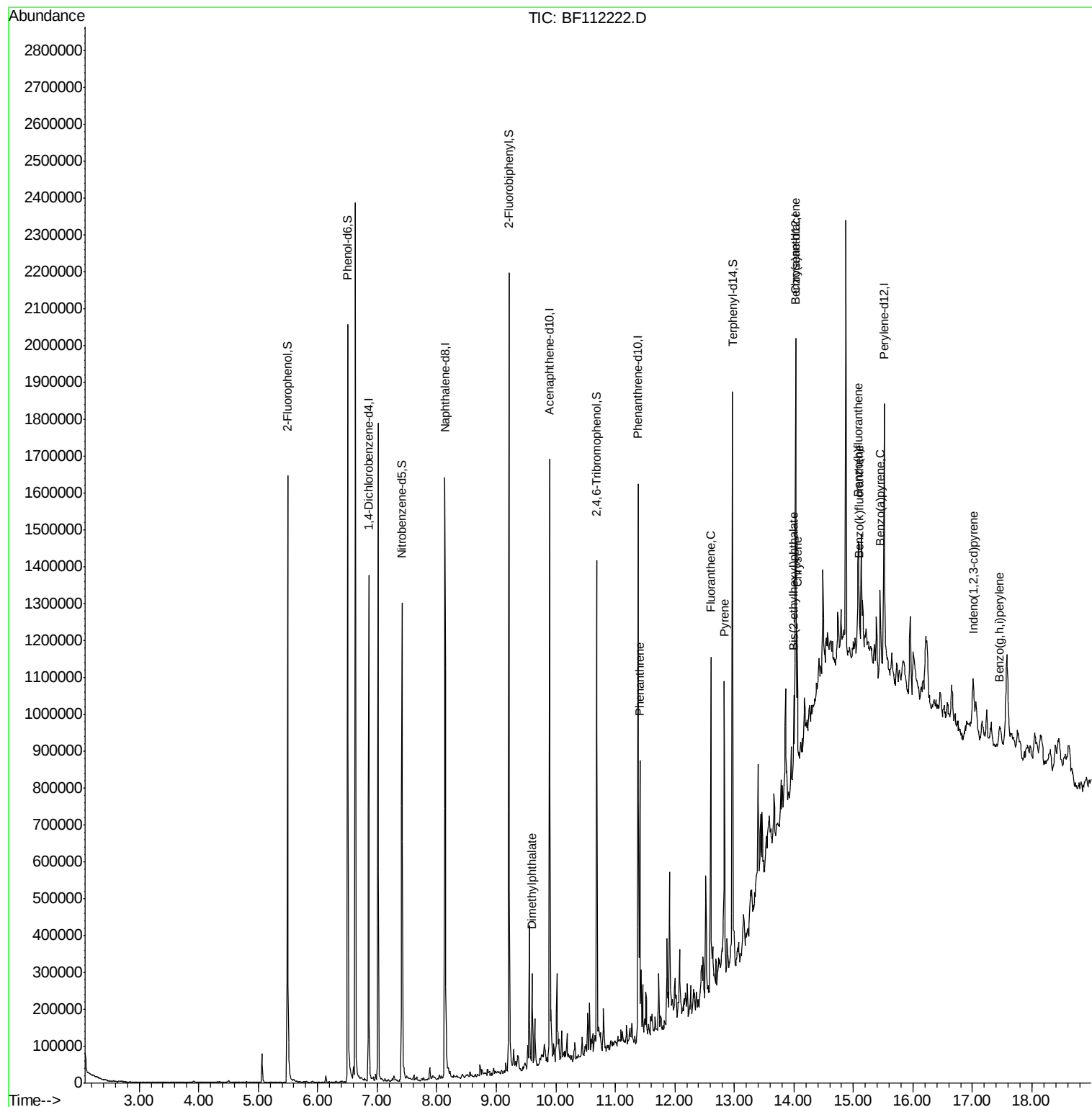
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112222.D
Acq On : 24 Jan 2019 21:24
Operator : JU/SJ
Sample : K1223-10 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

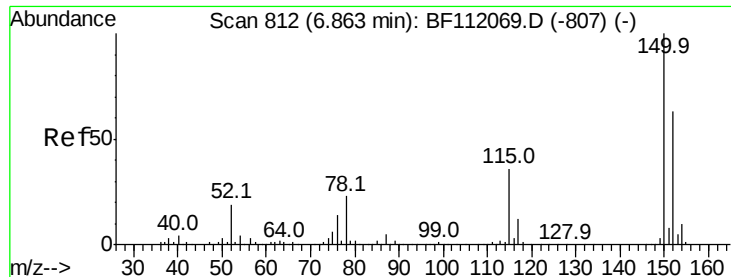
Instrument :
BNA_F
ClientSampled :
TS-V

Quant Time: Jan 25 00:56:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

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#1

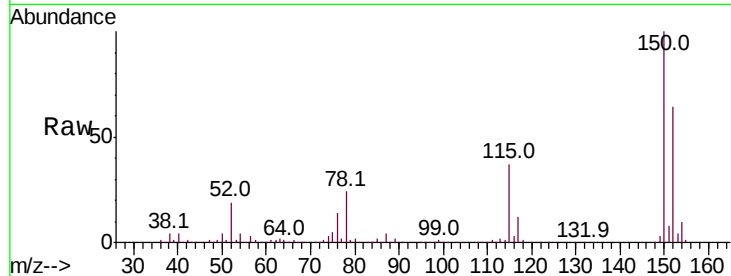
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampled :
TS-V

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	58.3	45.5	68.3

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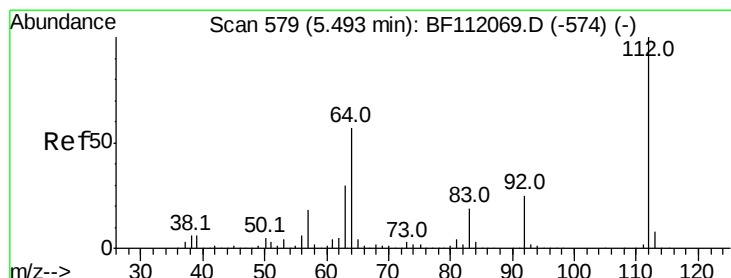
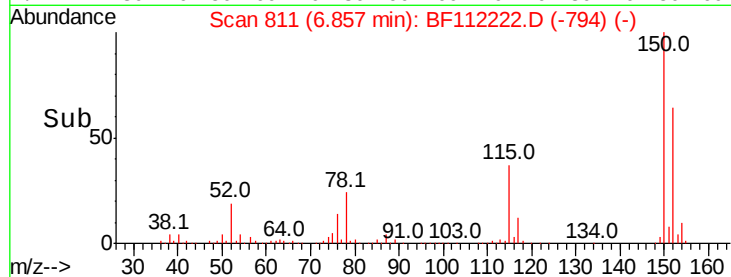
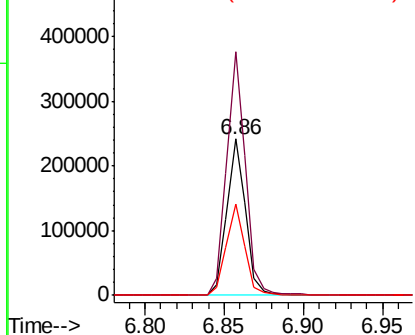


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

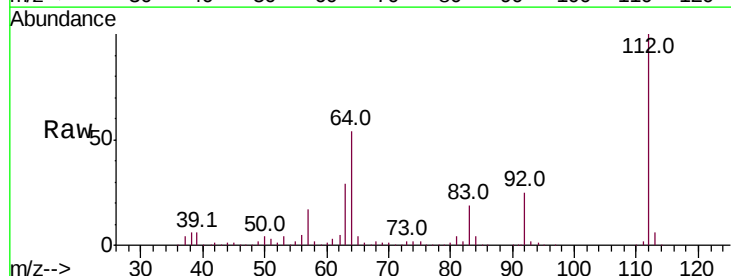
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.026 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	45.7	68.5
63	28.9	23.6	35.4

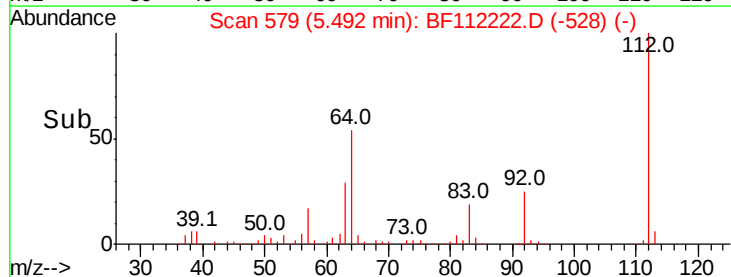
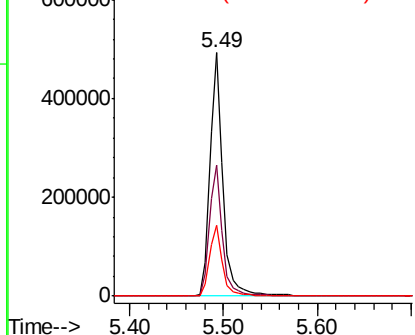


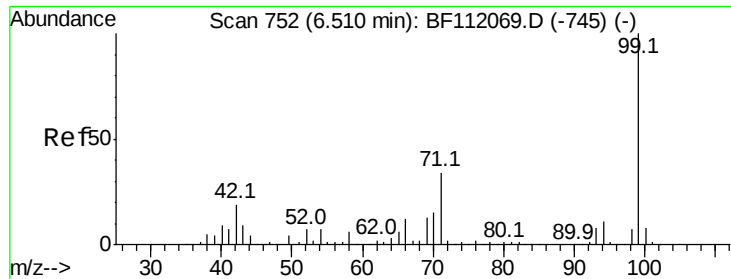
Abundance

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: 49.257 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Instrument :

BNA_F

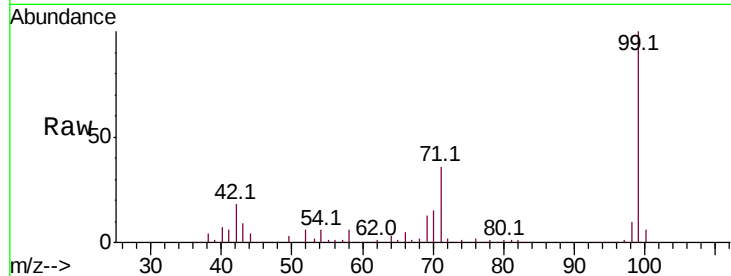
ClientSampled :

TS-V

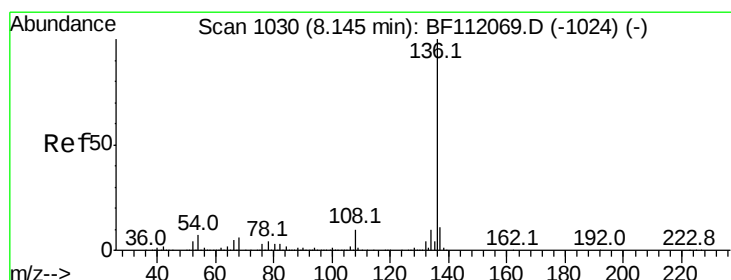
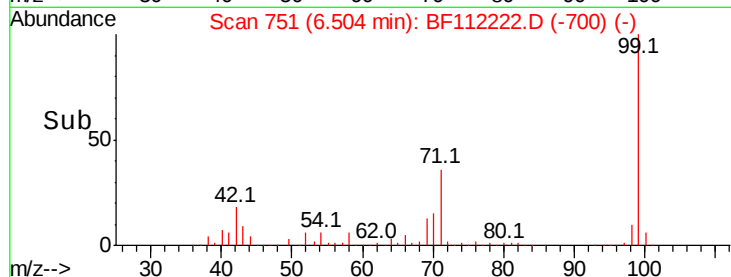
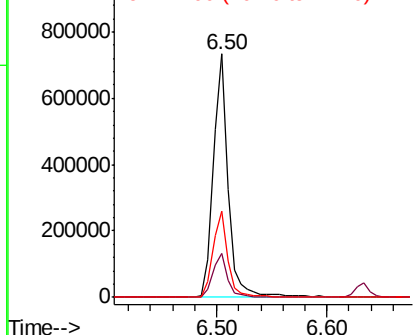
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		675128		
42	17.9	15.1	22.7		
71	35.5	26.9	40.3		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

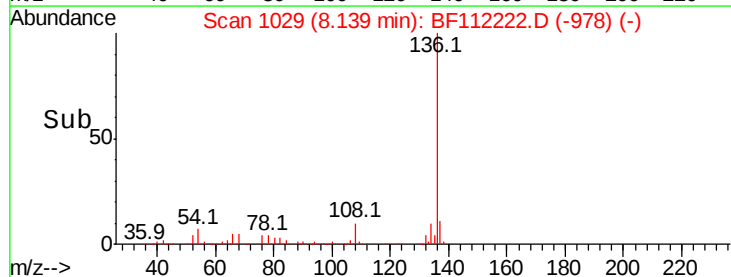
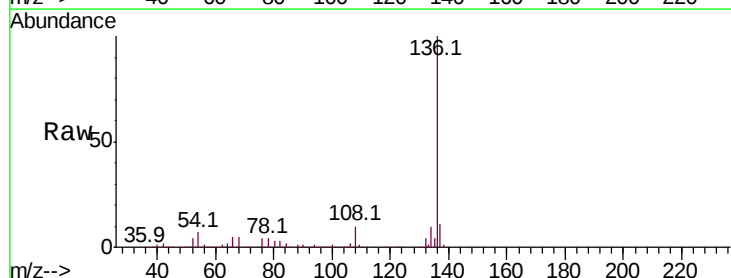
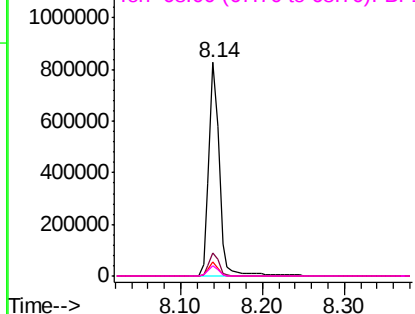
Delta R.T. 0.00 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		744119		
137	10.9	9.1	13.7		
54	6.7	5.9	8.9		
68	5.0	5.1	7.7#		

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





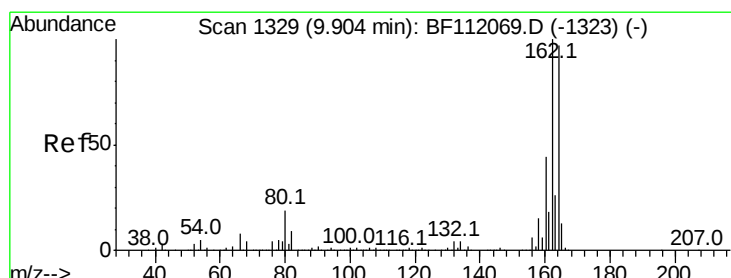
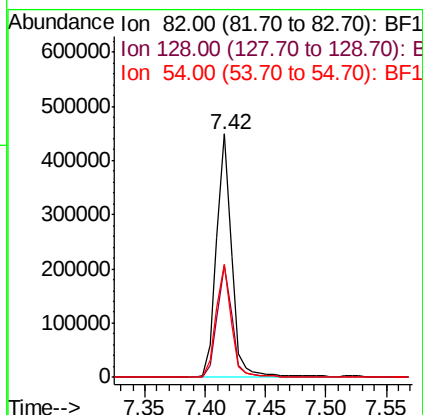
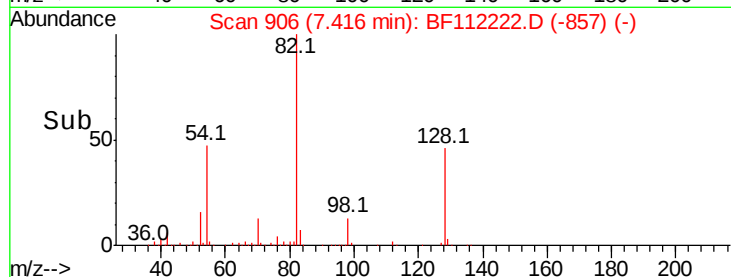
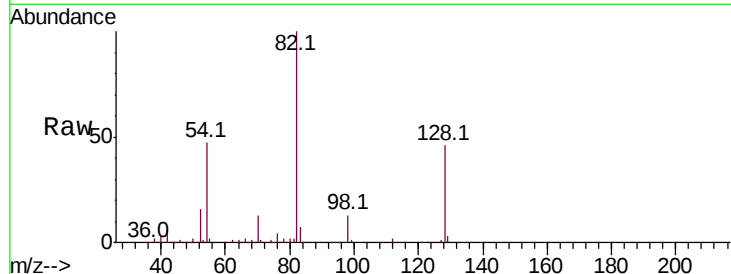
#23
Nitrobenzene-d5
Concen: 36.282 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampled :
TS-V

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.8	56.8
54	46.7	39.7	59.5

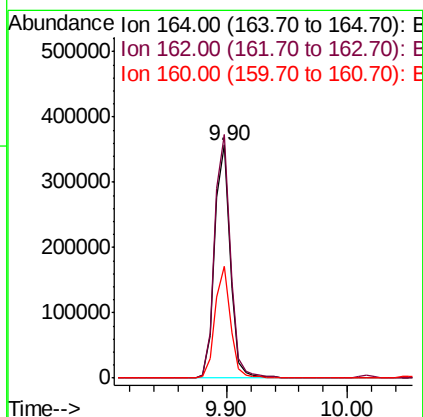
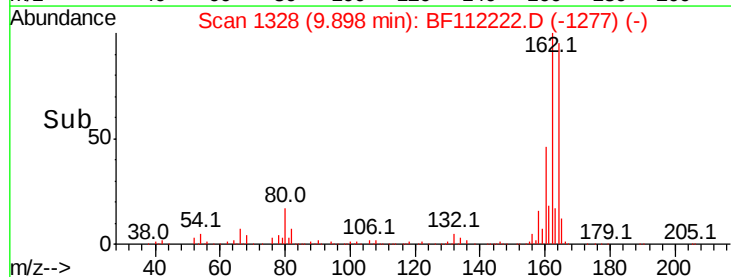
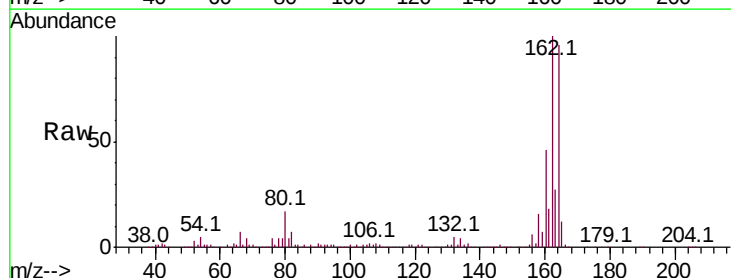
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	48.2	36.2	54.4





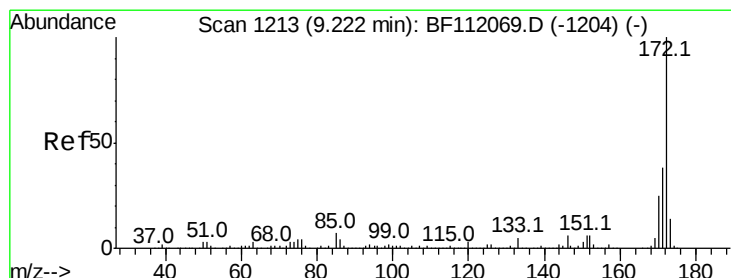
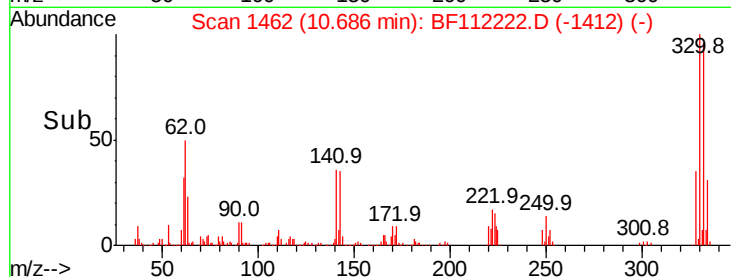
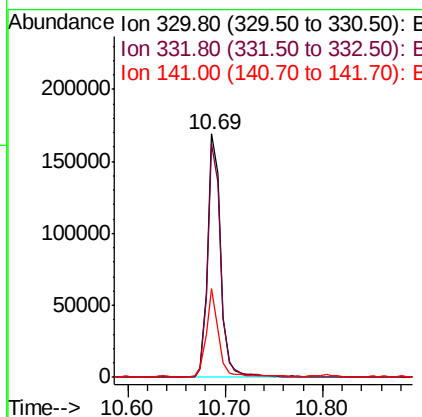
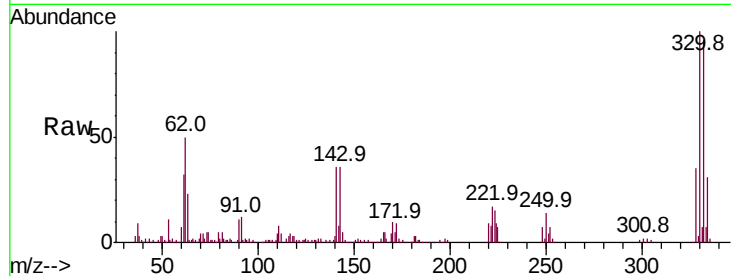
#42
 2,4,6-Tribromophenol
 Concen: 46.578 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112222.D
 Acq: 24 Jan 2019 21:24

Instrument :
 BNA_F
 ClientSampled :
 TS-V

Tot Ion	Ratio	Resp	Lower	Upper
330	100	158831		
332	95.4	76.6	114.8	
141	32.8	24.3	36.5	

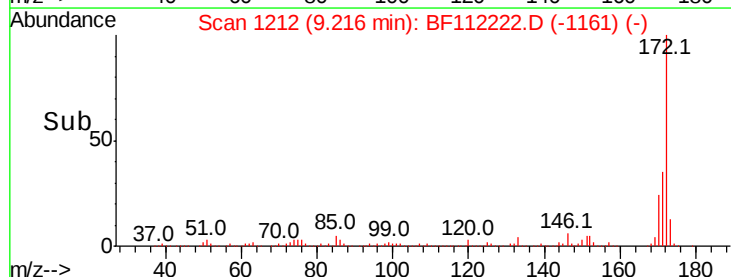
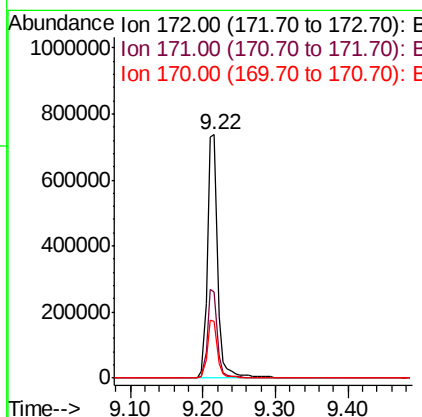
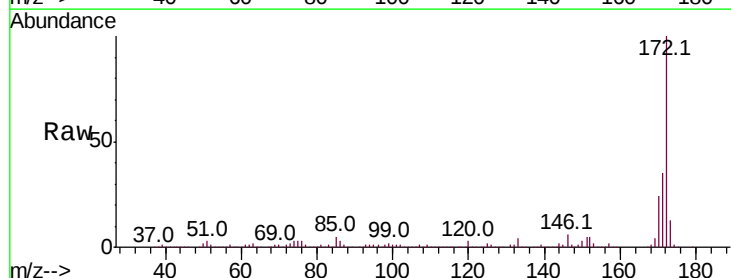
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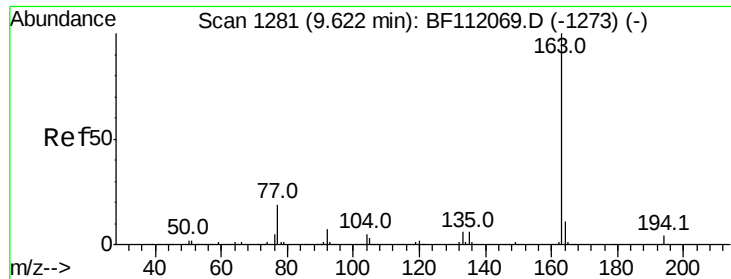
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#45
 2-Fluorobiphenyl
 Concen: 34.024 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112222.D
 Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	733564		
171	35.3	30.5	45.7	
170	23.5	20.2	30.4	





#50

Dimethylphthalate

Concen: 2.921 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Instrument :

BNA_F

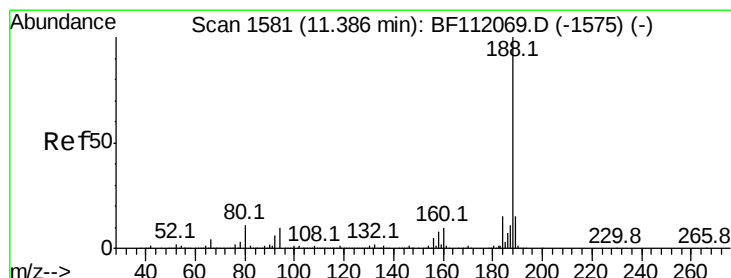
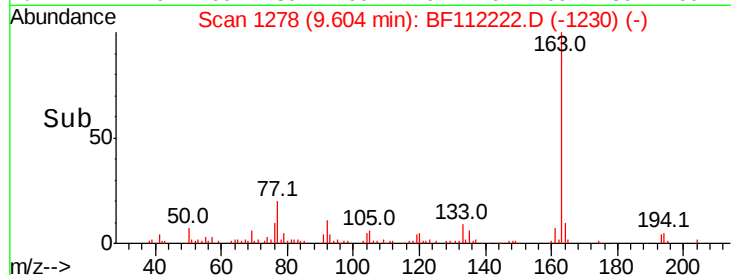
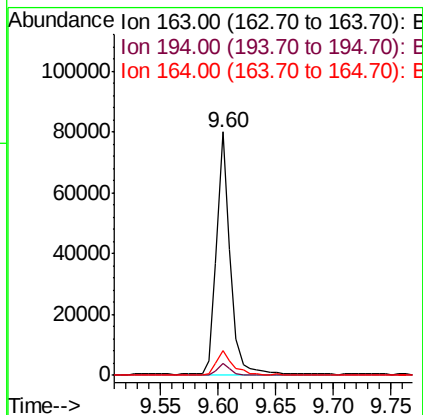
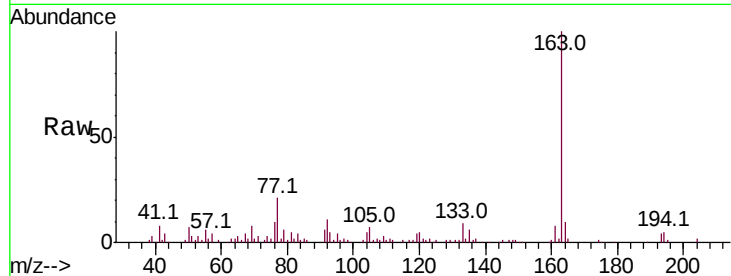
ClientSampled :

TS-V

Tot Ion:	163	Resp:	67331
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.3	4.9#
164	10.3	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

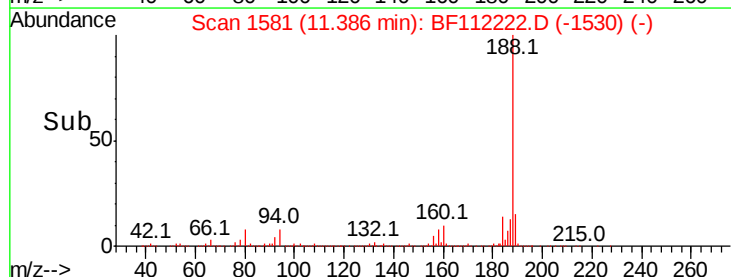
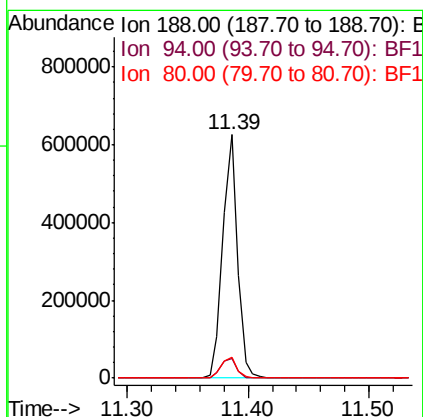
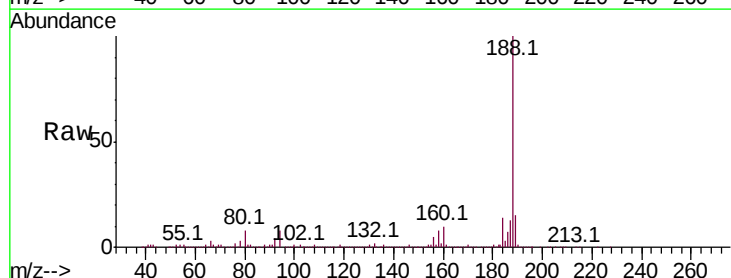
RT: 11.39 min Scan# 1581

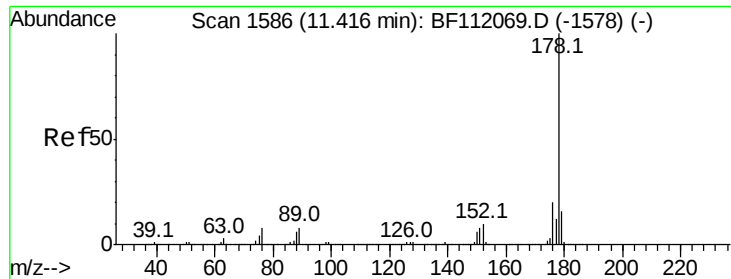
Delta R.T. 0.00 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Tgt Ion:	188	Resp:	529337
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.2	12.2#
80	8.4	8.9	13.3#





#71

Phenanthrene

Concen: 9.271 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Instrument :

BNA_F

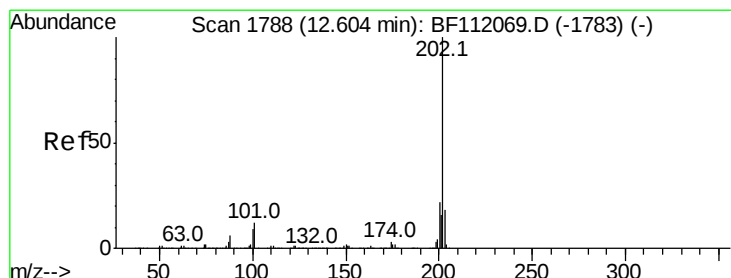
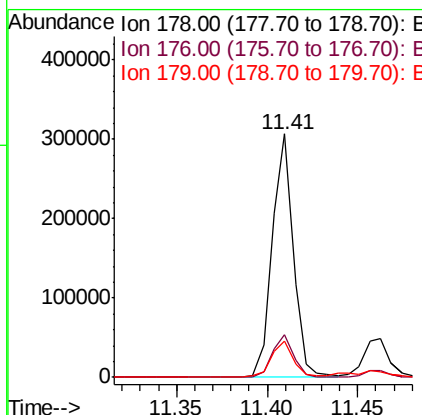
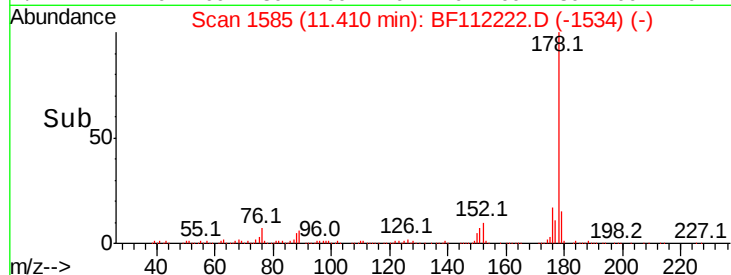
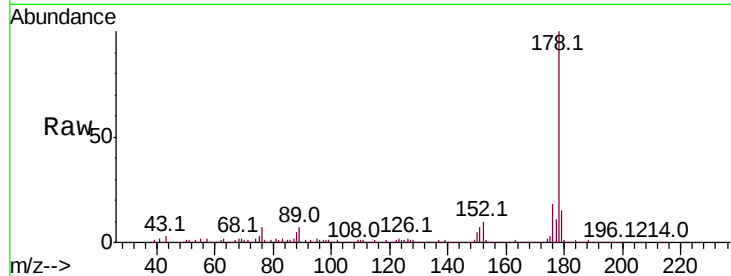
ClientSampleId :

TS-V

Tot Ion:	178	Resp:	246974
Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.3	24.5
179	15.1	13.0	19.4

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#75

Fluoranthene

Concen: 12.841 ng

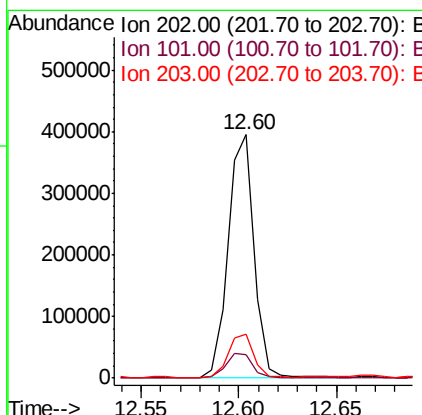
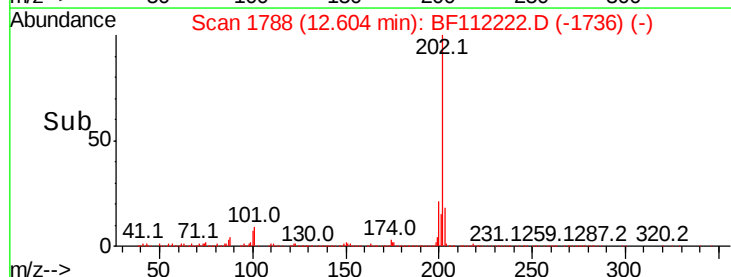
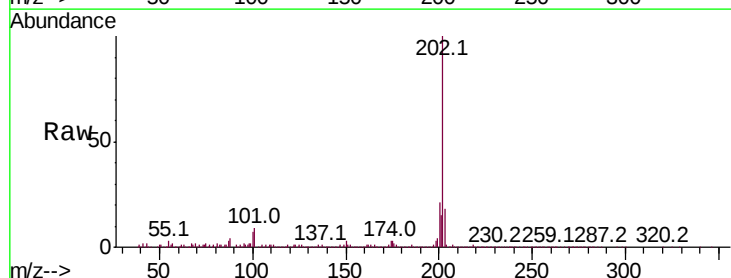
RT: 12.60 min Scan# 1788

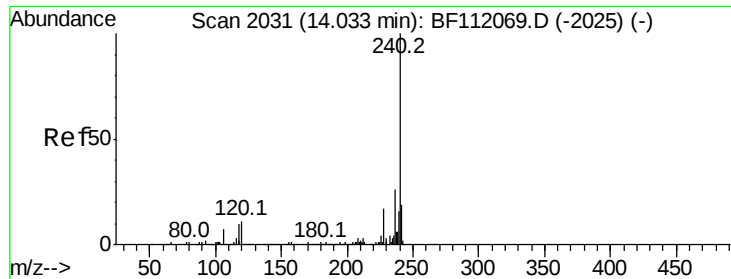
Delta R.T. 0.01 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Tgt Ion:	202	Resp:	361173
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	31.8
203	18.1	0.0	38.4





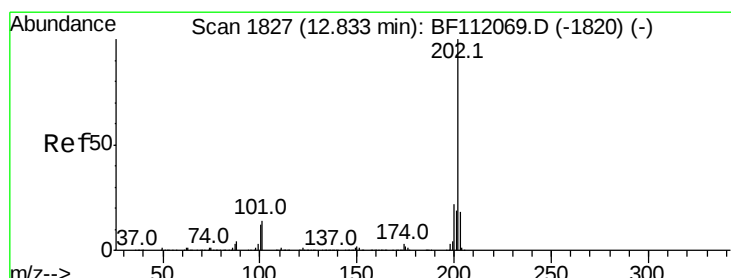
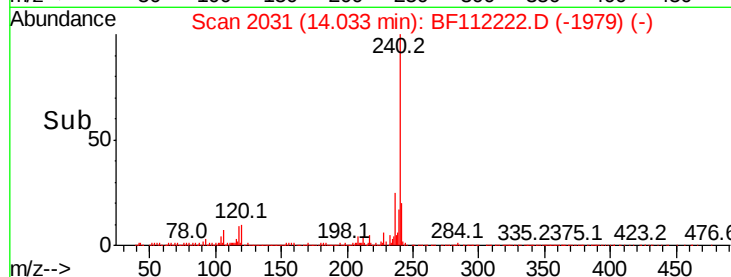
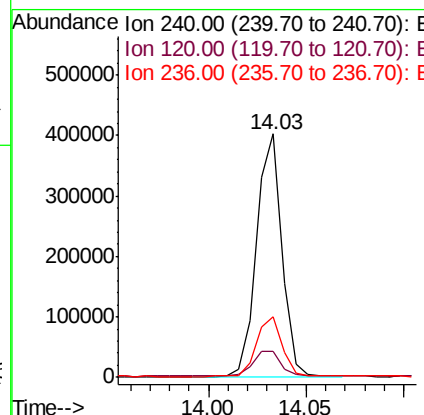
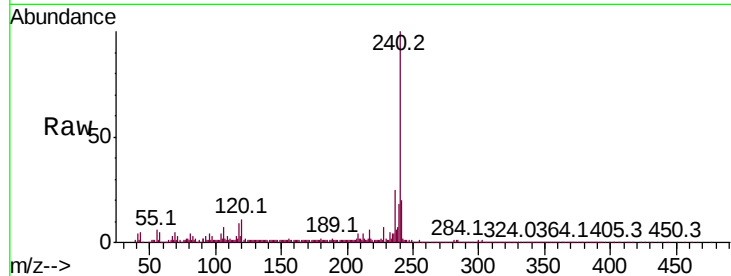
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampled :
TS-V

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.1	20.7	31.1

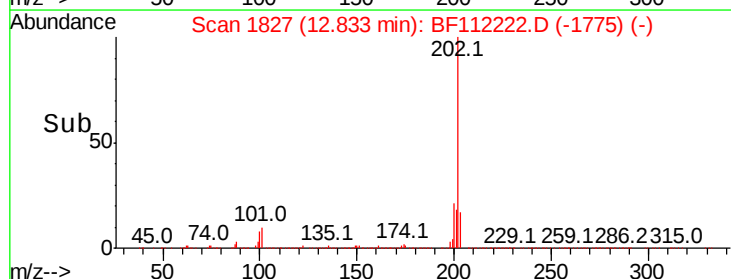
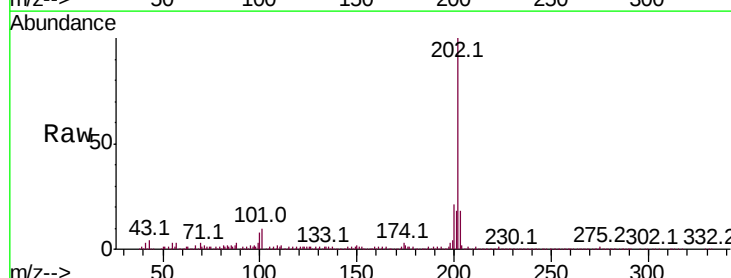
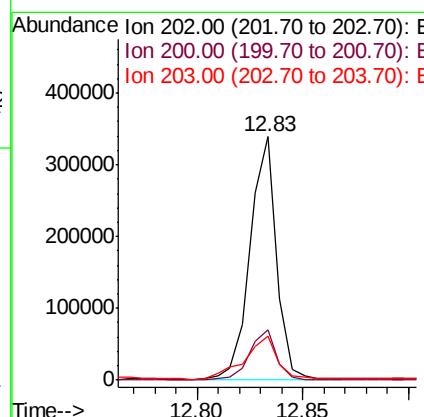
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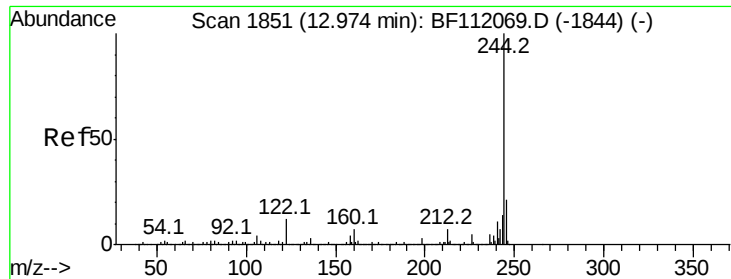
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#78
Pyrene
Concen: 12.385 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.7	26.5
203	18.0	14.6	22.0





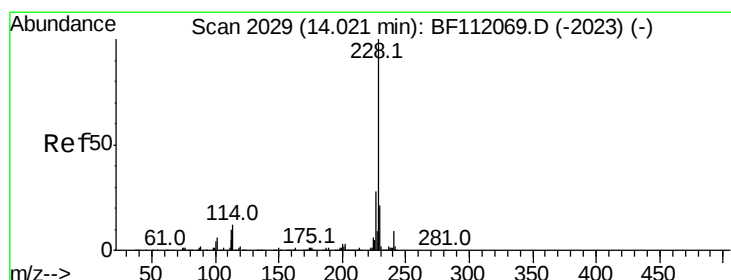
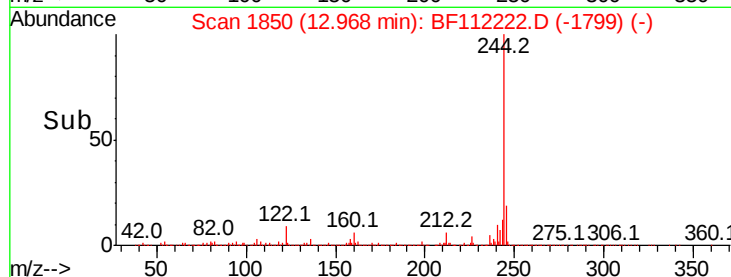
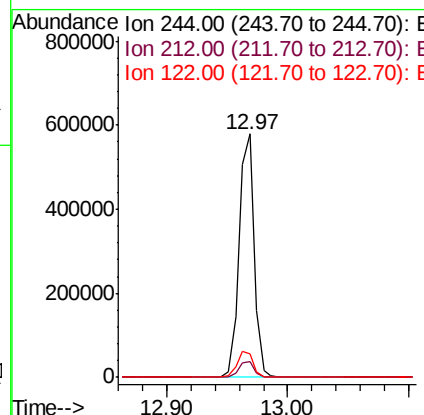
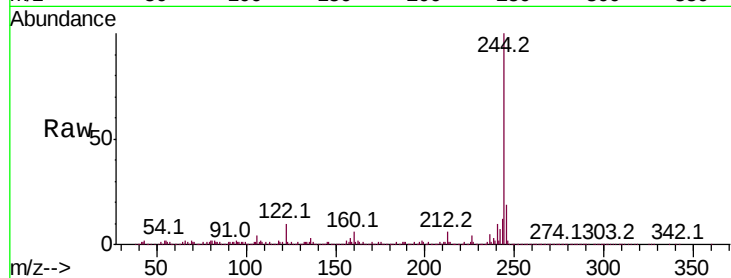
#79
 Terphenyl-d14
 Concen: 29.991 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF112222.D
 Acq: 24 Jan 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TS-V

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.9	8.9
122	9.5	9.8	14.6

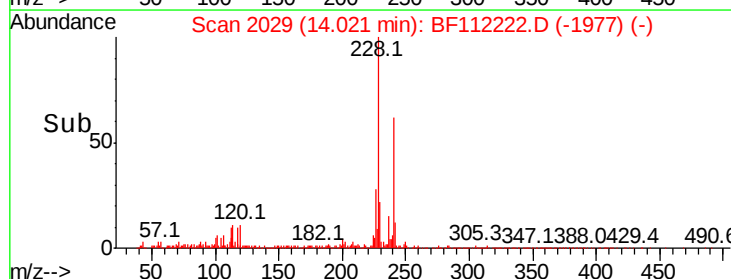
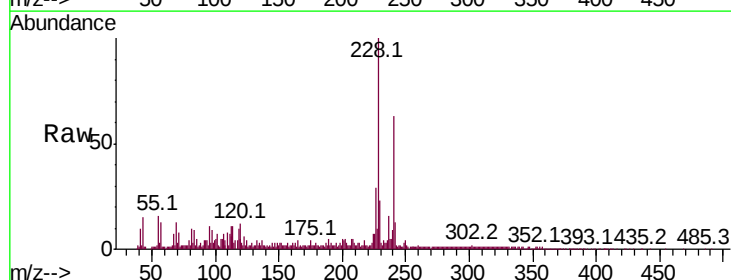
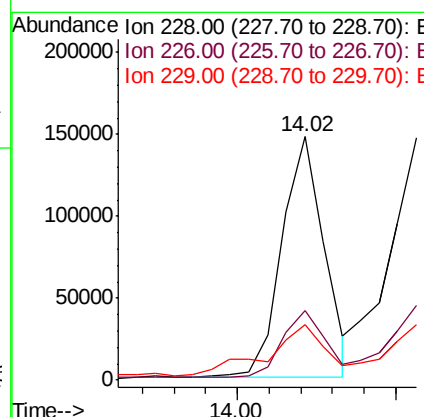
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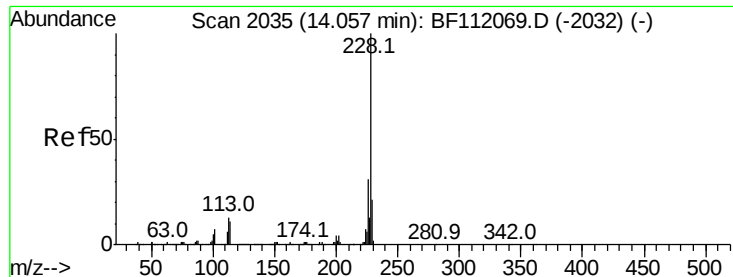
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#81
 Benzo(a)anthracene
 Concen: 6.631 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF112222.D
 Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.7	22.6	34.0
229	23.0	16.5	24.7





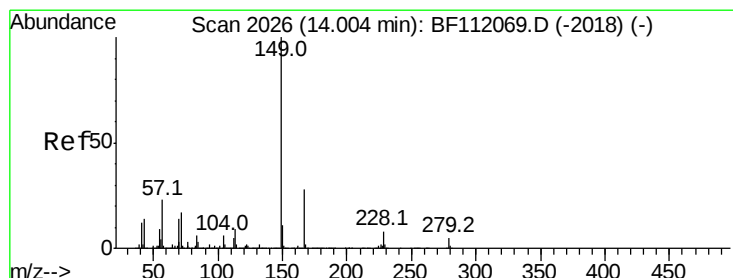
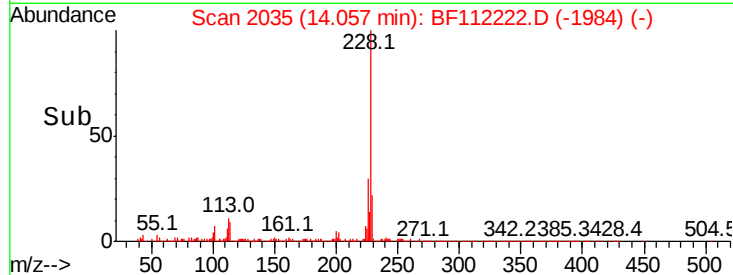
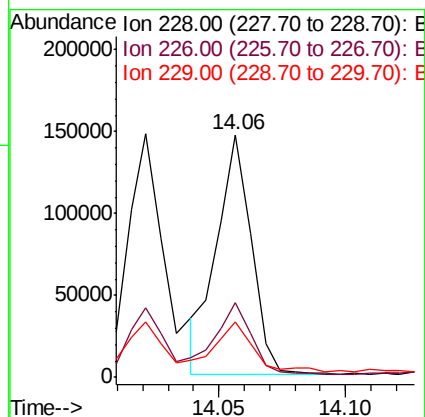
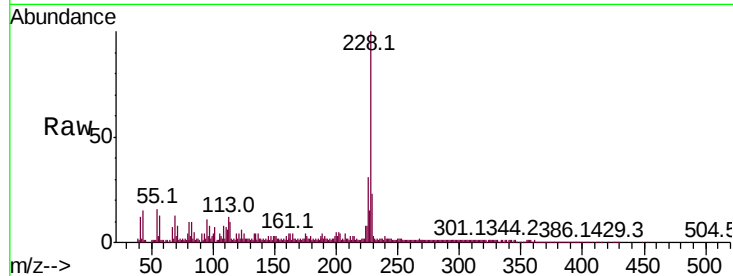
#83
Chrysene
Concen: 7.198 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TS-V

Tot Ion:228	Resp:	140305
Ion Ratio	Lower	Upper
228 100		
226 30.7	25.0	37.6
229 23.0	16.6	24.8

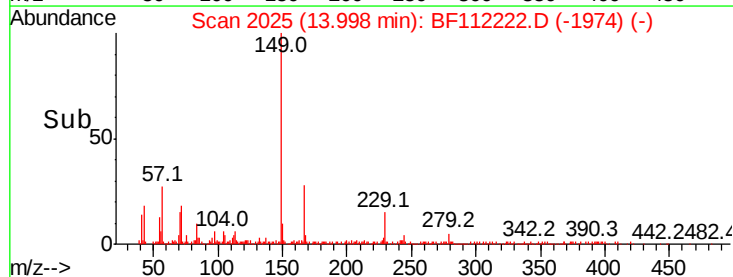
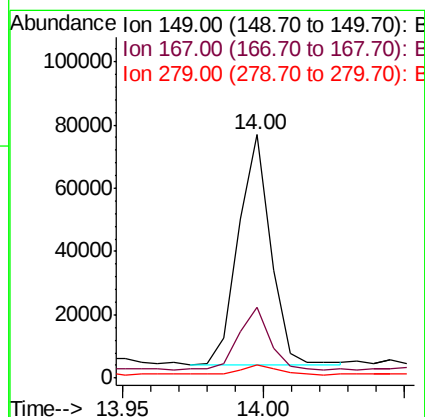
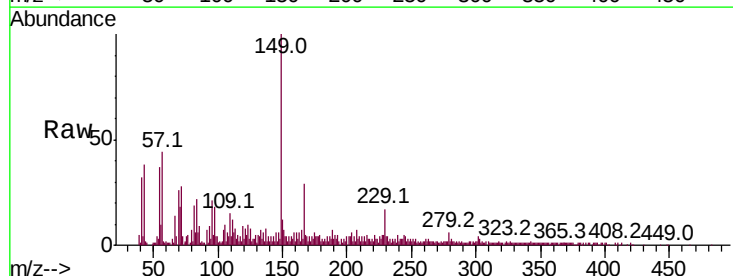
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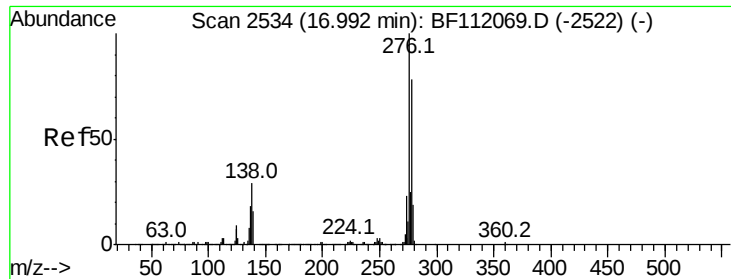
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.906 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion:149	Resp:	58205
Ion Ratio	Lower	Upper
149 100		
167 29.0	22.5	33.7
279 5.6	3.8	5.6





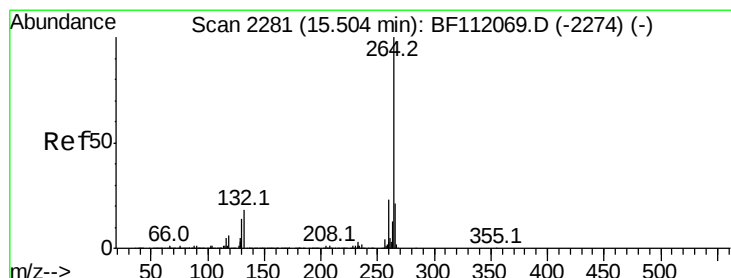
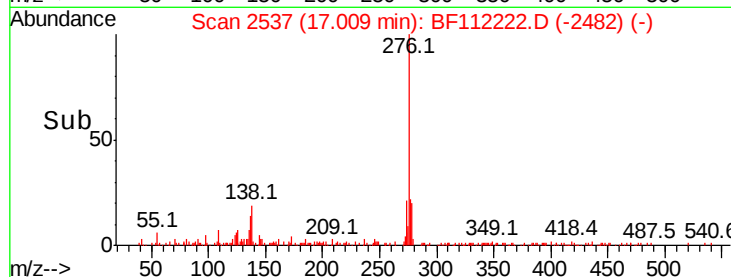
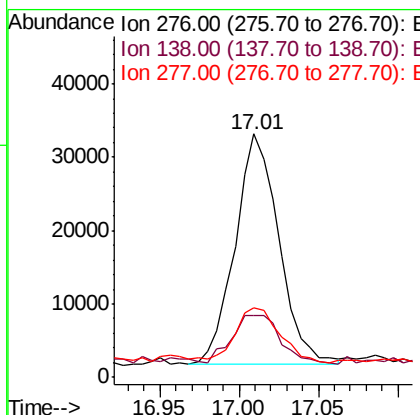
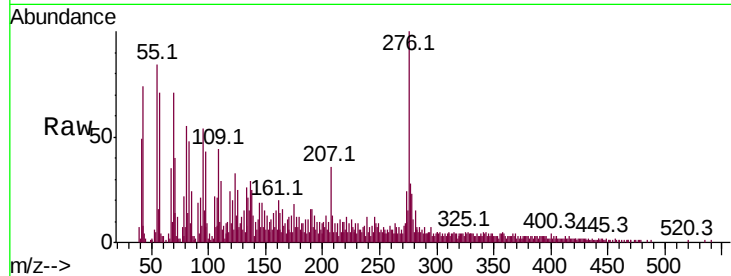
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.347 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampleId :
TS-V

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	22.6	34.0
277	24.4	20.3	30.5

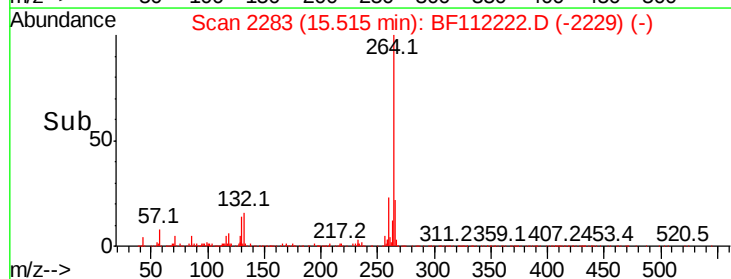
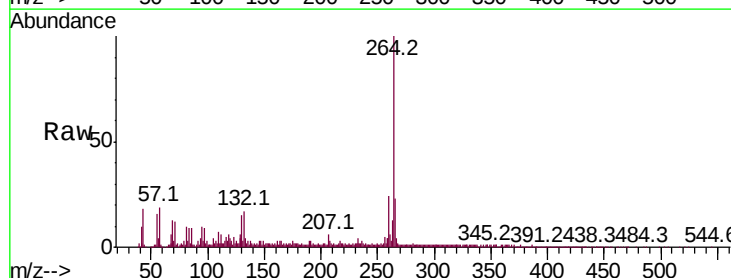
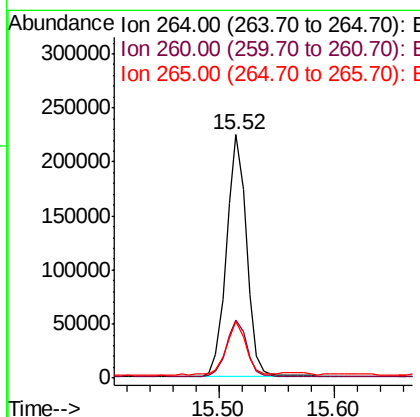
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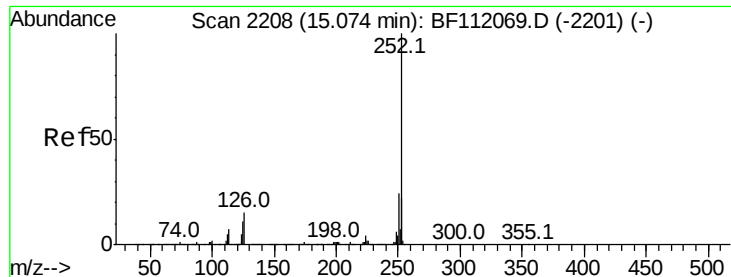
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.02 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	23.2	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 10.288 ng m

RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Instrument :

BNA_F

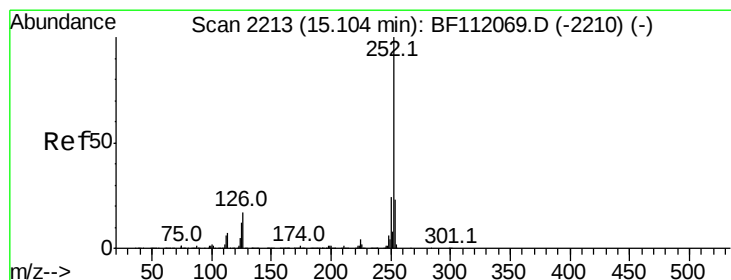
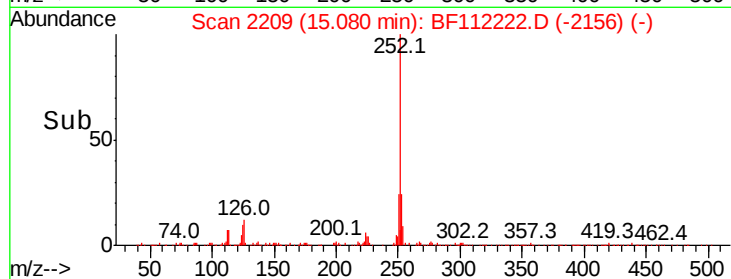
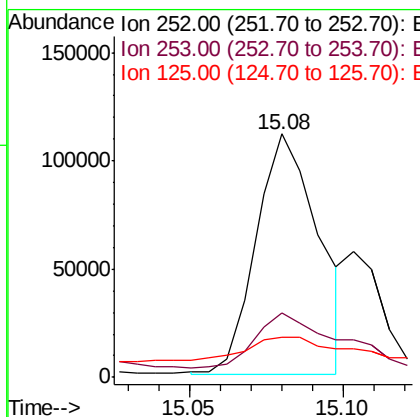
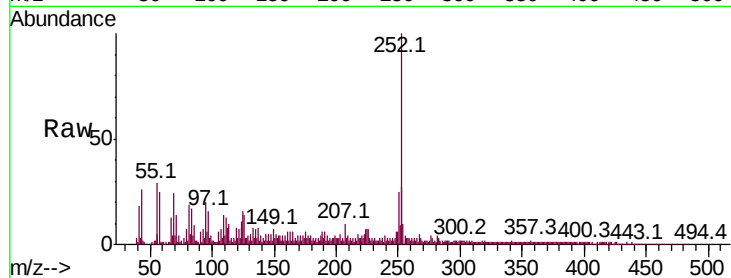
ClientSampled :

TS-V

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.0	27.0
125	16.4	8.7	13.1

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#89

Benzo(k)fluoranthene

Concen: 3.352 ng m

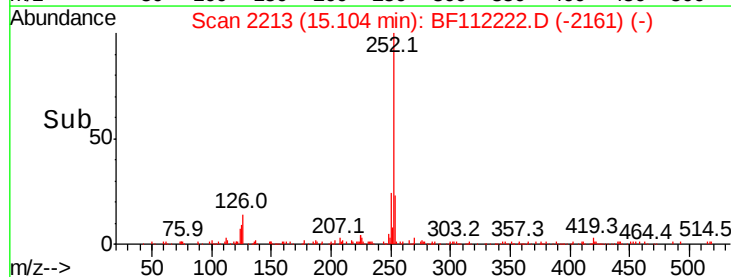
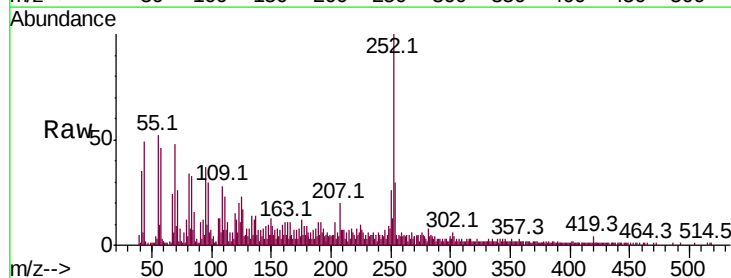
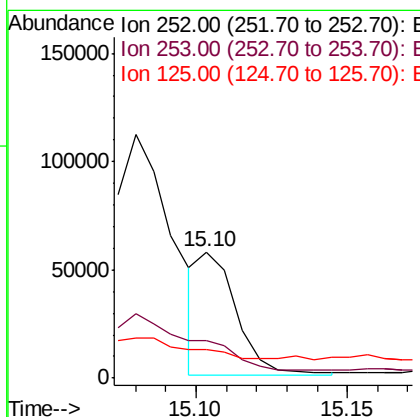
RT: 15.10 min Scan# 2213

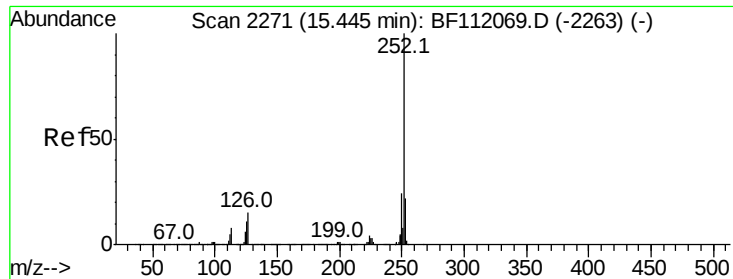
Delta R.T. 0.01 min

Lab File: BF112222.D

Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.0	27.0
125	23.0	9.1	13.7





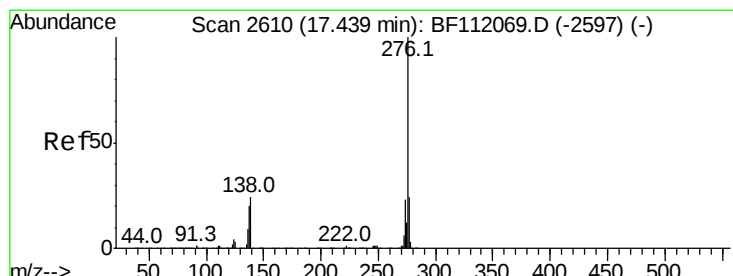
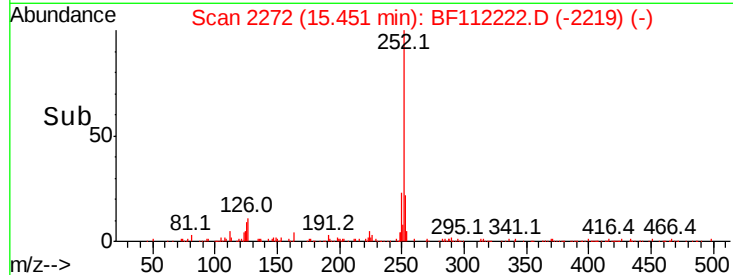
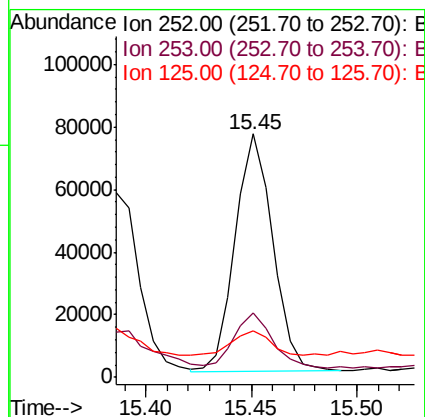
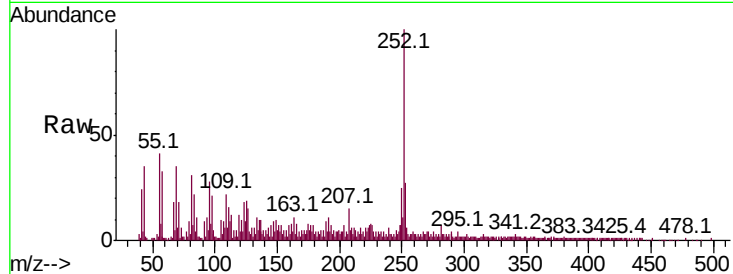
#90
Benzo(a)pyrene
Concen: 6.700 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Instrument :
BNA_F
ClientSampled :
TS-V

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.5	26.3#
125	19.3	9.0	13.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.469 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.04 min
Lab File: BF112222.D
Acq: 24 Jan 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.0	19.4	29.0#
138	26.0	19.1	28.7

