

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109728.D
 Acq On : 10 Oct 2018 6:44
 Operator : JU/SJ
 Sample : J5309-22
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-30

Manual Integrations
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Sohil
 10/10/2018 11:37:23 AM

Quant Time: Oct 10 08:31:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	80158	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	303857	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	115736	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	197680	20.00	ng	0.00
75) Chrysene-d12	13.83	240	209171	20.00	ng	0.00
86) Perylene-d12	15.23	264	158467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	431339	95.52	ng	0.00
7) Phenol-d6	6.35	99	589806	97.77	ng	-0.01
23) Nitrobenzene-d5	7.26	82	379464	68.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	99867	79.19	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	643126	76.53	ng	0.00
78) Terphenyl-d14	12.78	244	540552	50.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	34369	4.049	ng	99
70) Phenanthrene	11.23	178	30264	3.059	ng	97
74) Fluoranthene	12.41	202	76458	7.398	ng	99
77) Pyrene	12.63	202	72408	4.725	ng	98
80) Benzo(a)anthracene	13.82	228	42587	3.689	ng	95
82) Chrysene	13.85	228	38046	3.138	ng	95
85) Indeno(1,2,3-cd)pyrene	16.57	276	18420	2.123	ng	99
87) Benzo(b)fluoranthene	14.83	252	41138m	4.698	ng	
88) Benzo(k)fluoranthene	14.85	252	19187m	2.181	ng	
89) Benzo(a)pyrene	15.17	252	31534	3.968	ng	95
91) Benzo(g,h,i)perylene	16.97	276	17414	2.672	ng	97

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

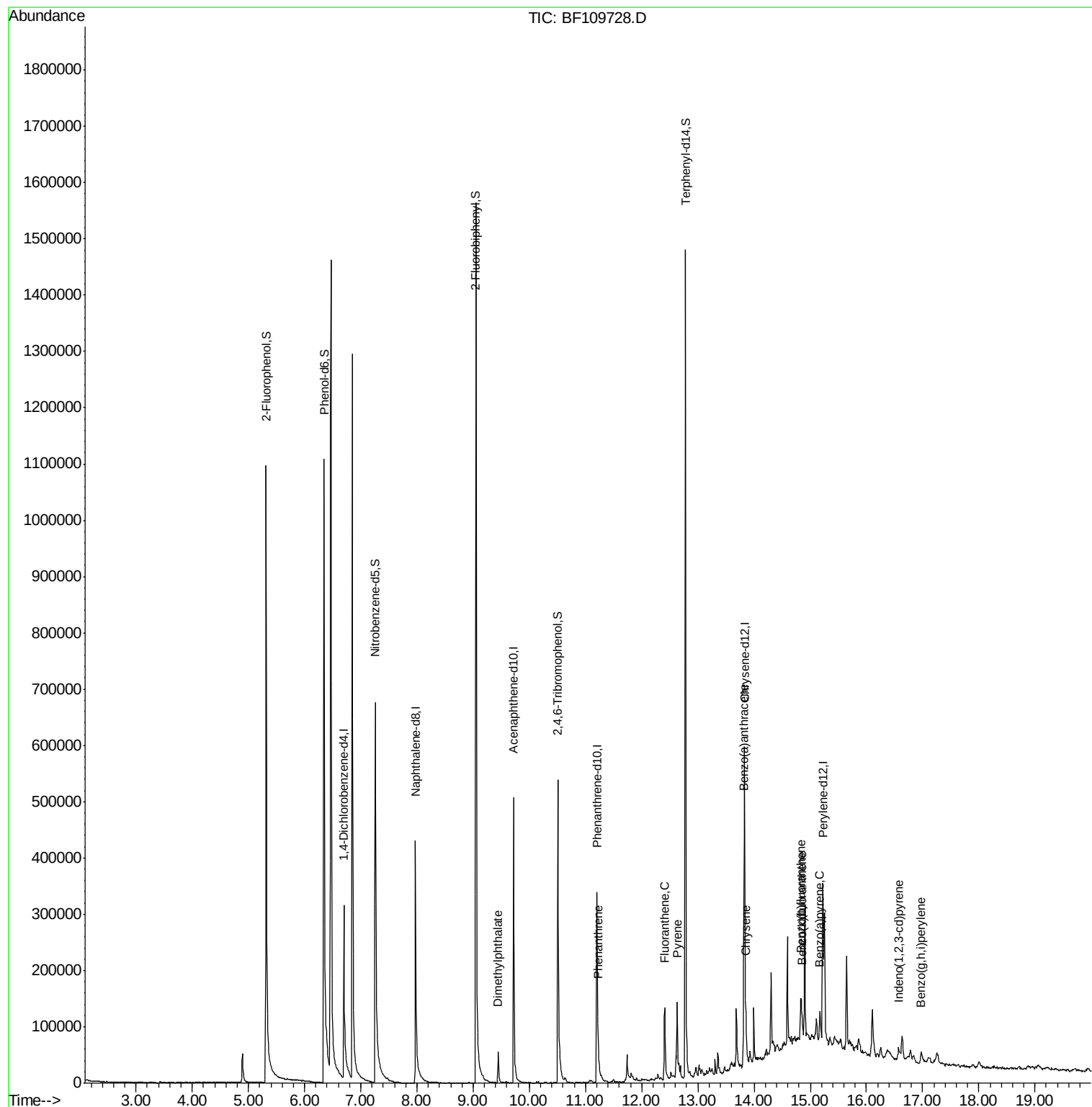
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
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Sample : J5309-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

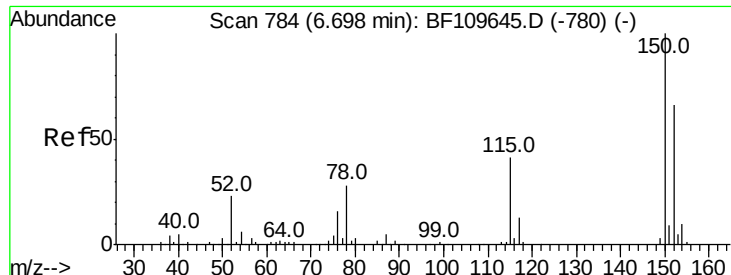
Instrument :
BNA_F
ClientSampleId :
S-30

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

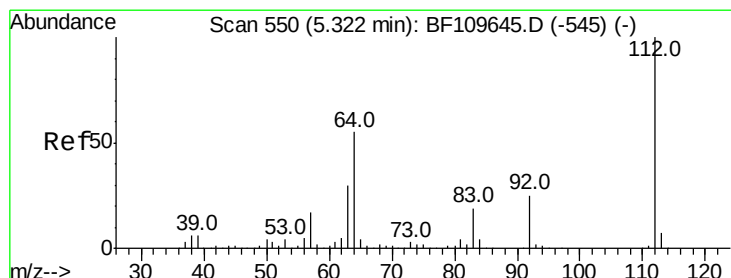
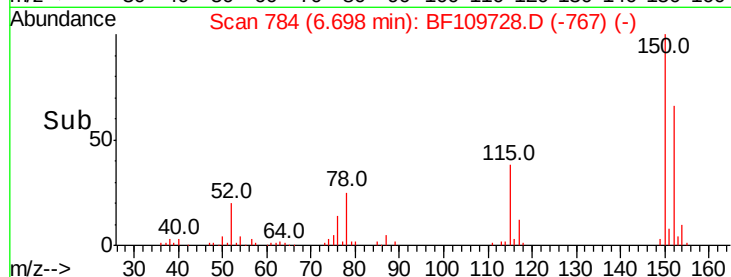
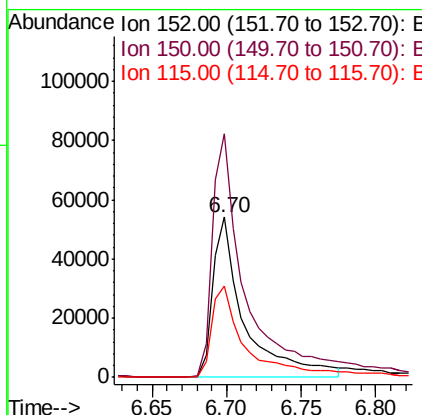
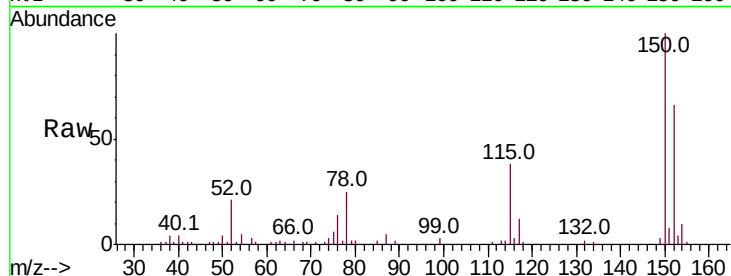
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampled :
S-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	57.0	49.1	73.7

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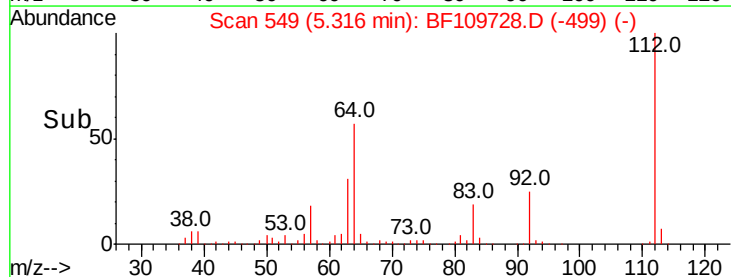
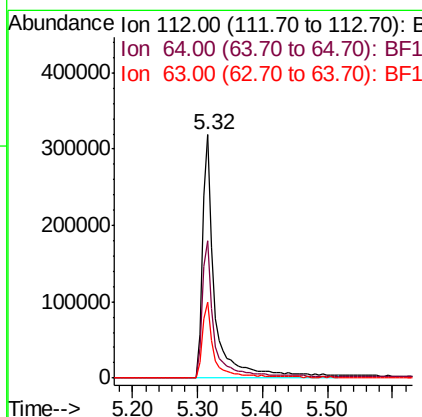
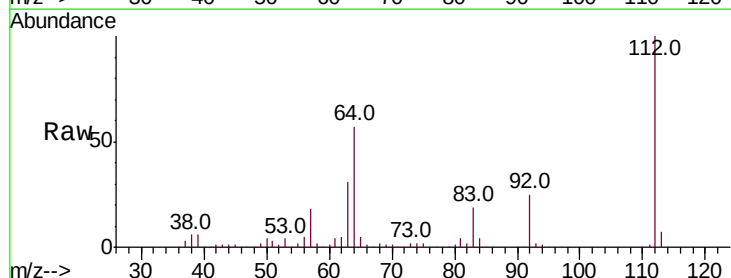
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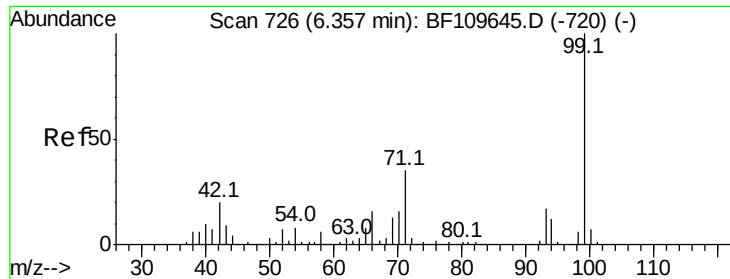


#5

2-Fluorophenol
Concen: 95.516 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.1	66.1
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 97.768 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109728.D

Acq: 10 Oct 2018 6:44

Instrument :

BNA_F

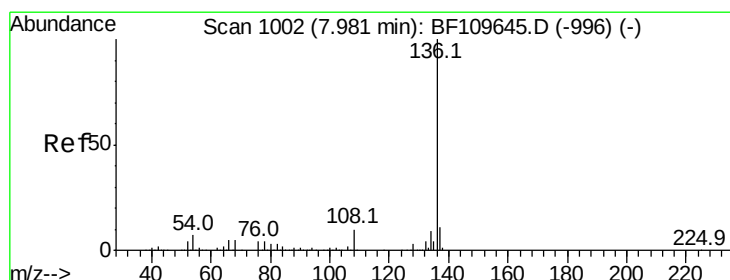
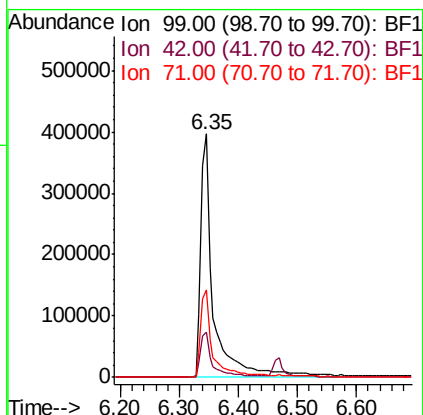
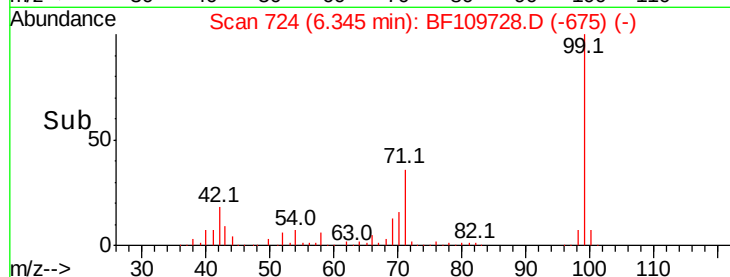
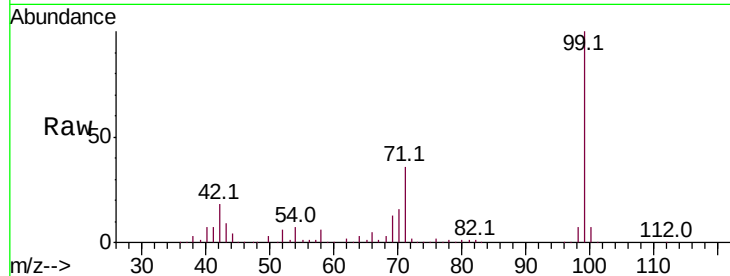
ClientSampled :

S-30

Tot Ion:	99	Resp:	589806
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.8	23.6
71	35.8	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

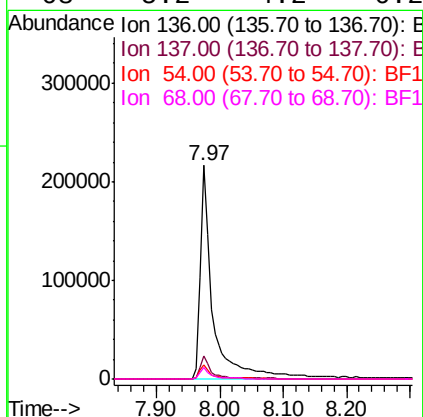
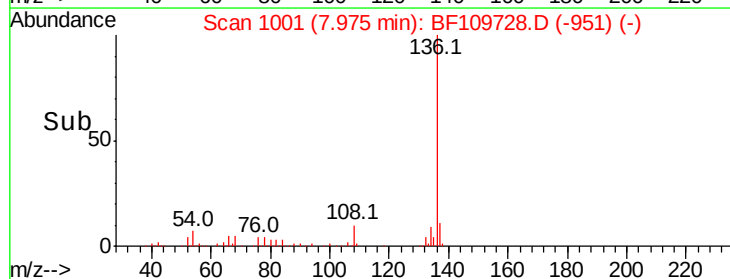
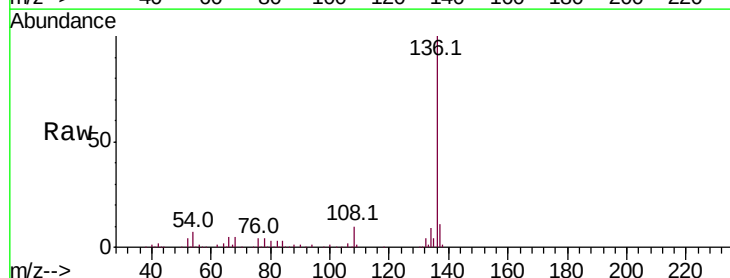
RT: 7.97 min Scan# 1001

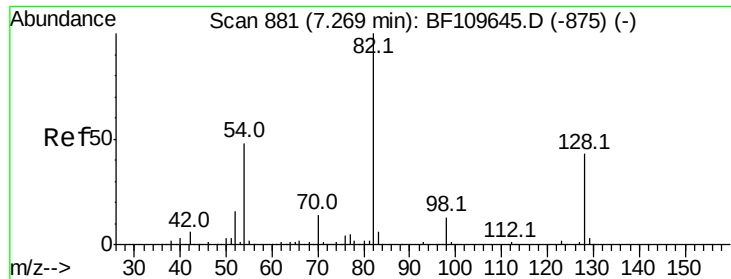
Delta R.T. -0.01 min

Lab File: BF109728.D

Acq: 10 Oct 2018 6:44

Tgt Ion:	136	Resp:	303857
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.9	5.4	8.2
68	5.2	4.2	6.2





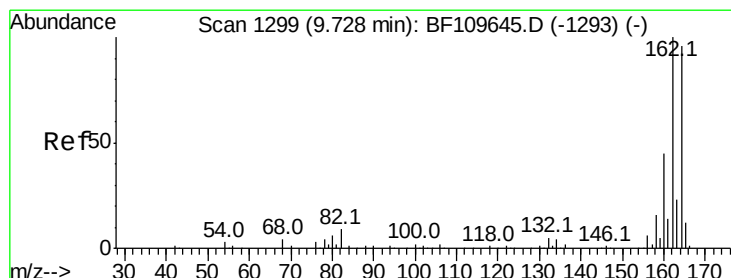
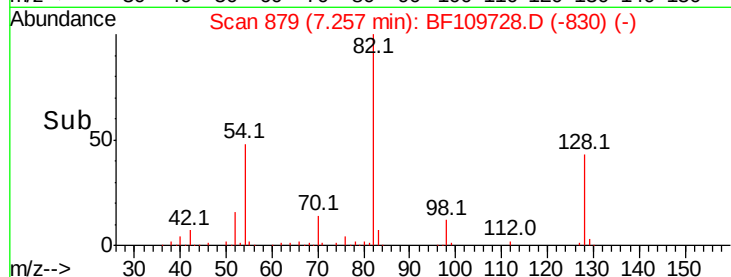
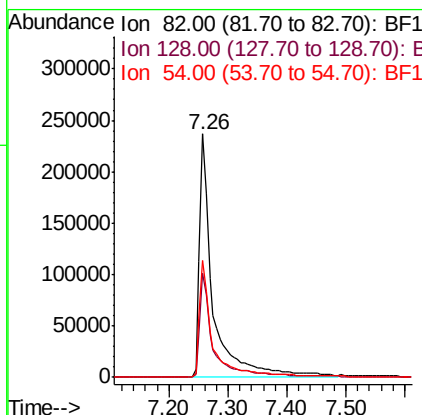
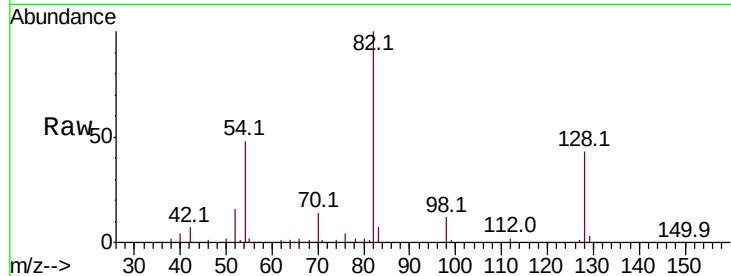
#23
 Nitrobenzene-d5
 Concen: 68.839 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Instrument :
 BNA_F
 ClientSampled :
 S-30

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.2	51.2
54	48.1	38.6	58.0

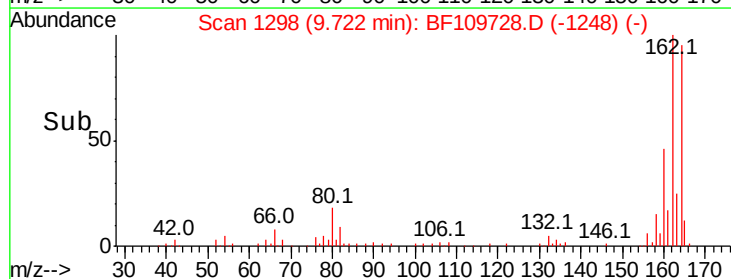
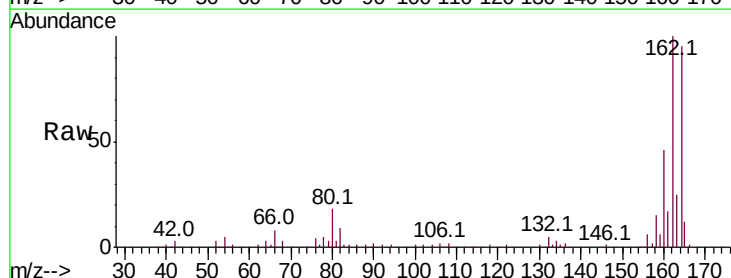
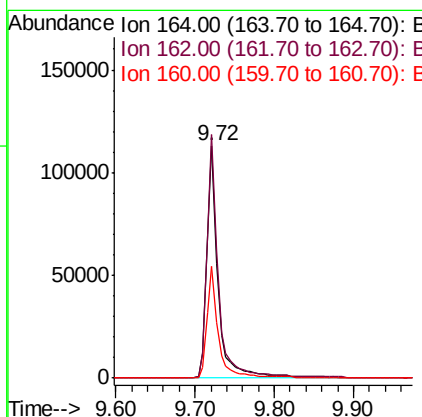
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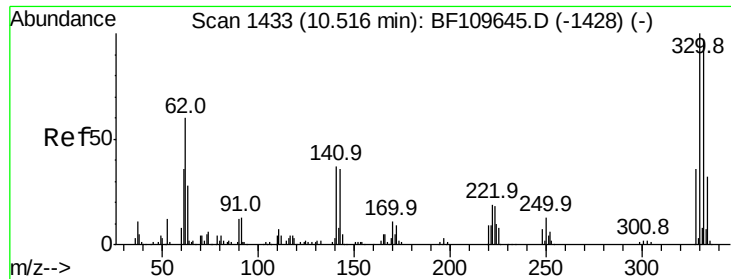
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.0	124.6
160	48.2	37.0	55.6





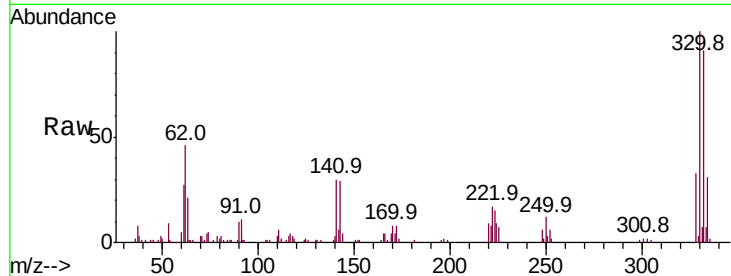
#41
 2,4,6-Tribromophenol
 Concen: 79.192 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Instrument :
 BNA_F
 ClientSampled :
 S-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	35.3	27.0	40.4

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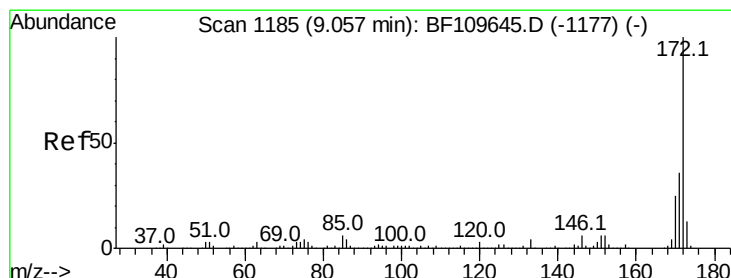
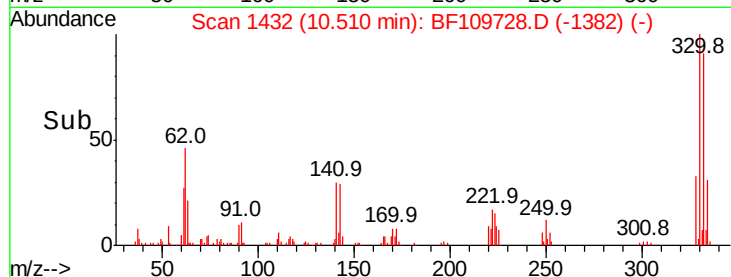
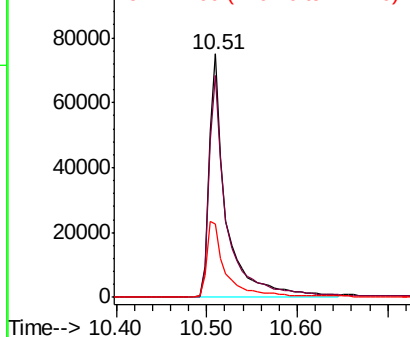


Abundance

Ion 329.80 (329.50 to 330.50): E

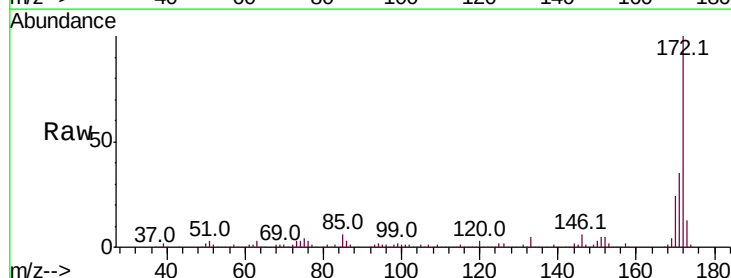
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.532 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.9	19.7	29.5

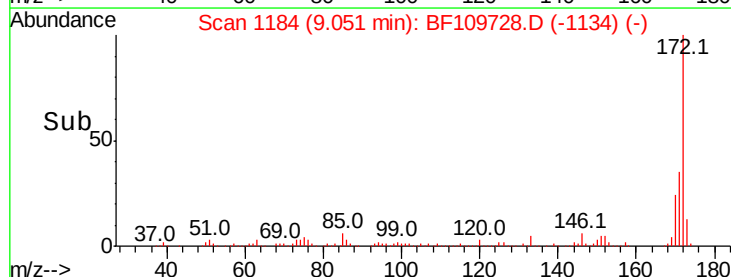
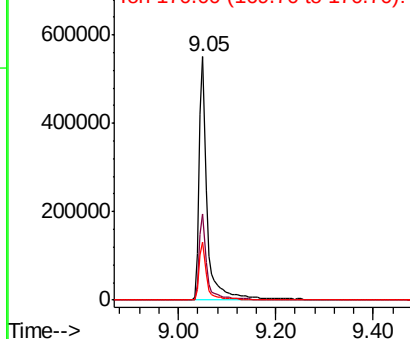


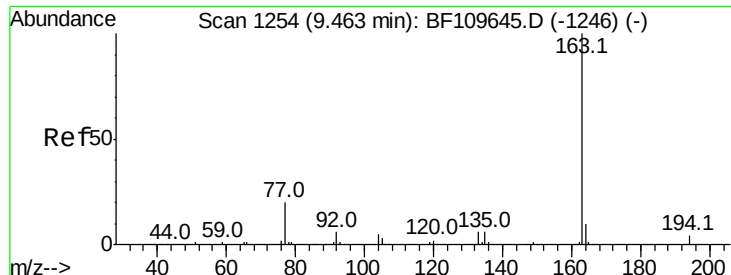
Abundance

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





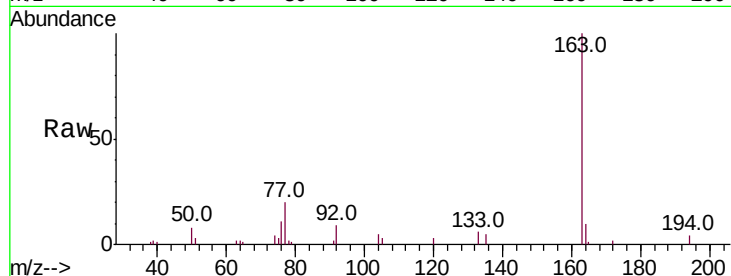
#49
Dimethylphthalate
Concen: 4.049 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampled :
S-30

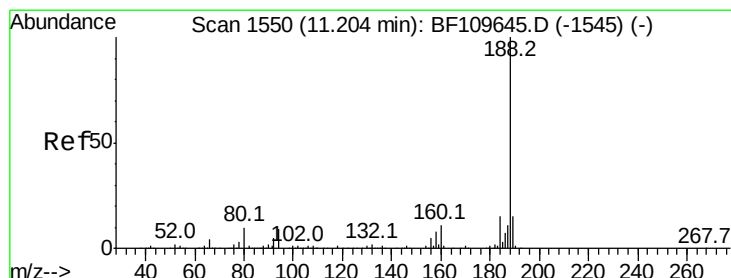
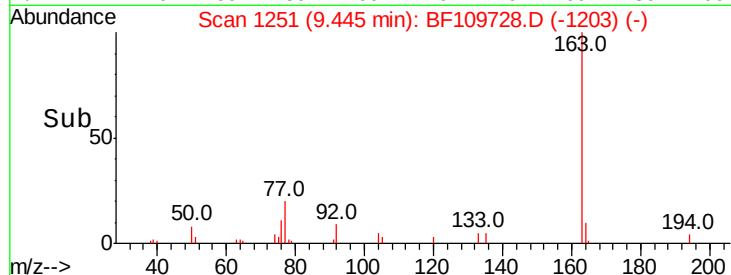
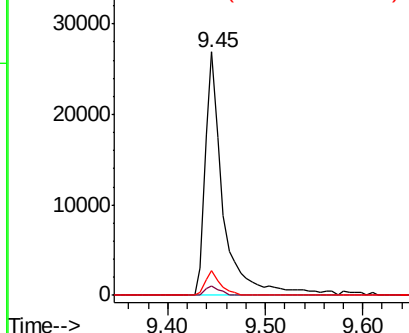
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.2	8.1	12.1

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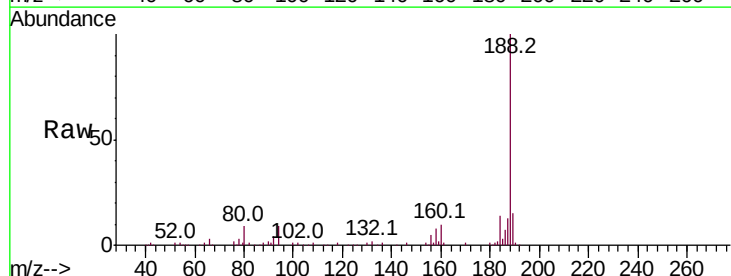


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

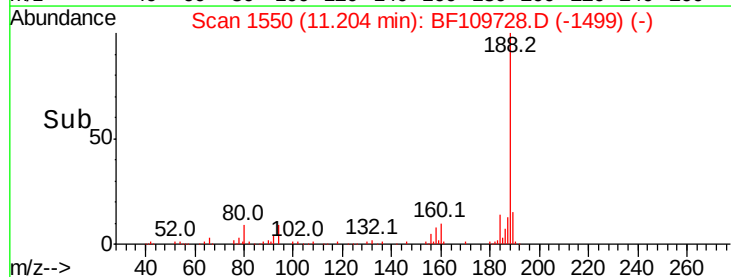
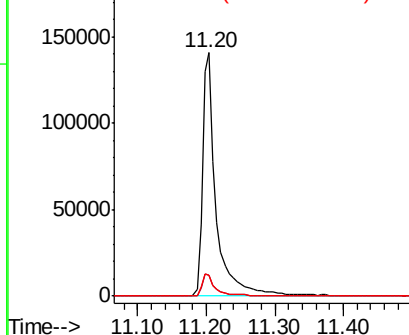


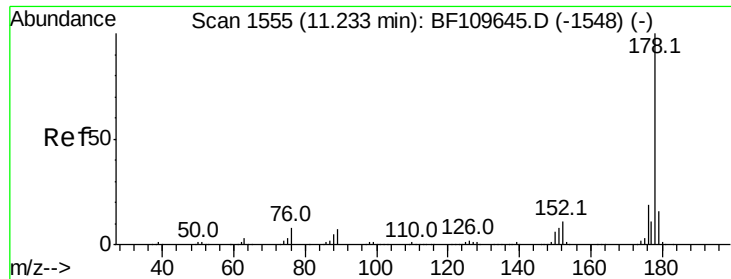
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.6	7.9	11.9



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





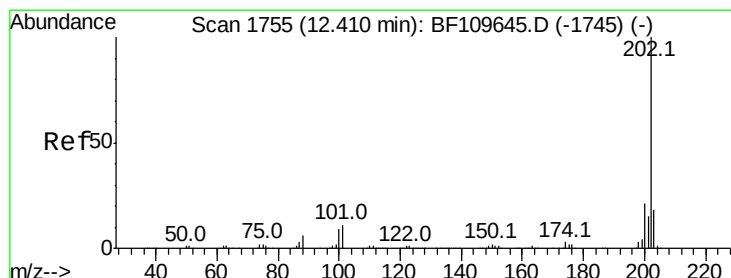
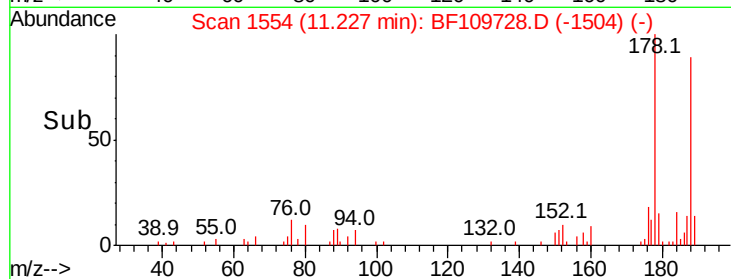
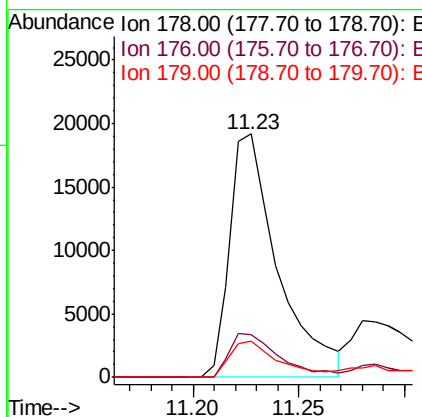
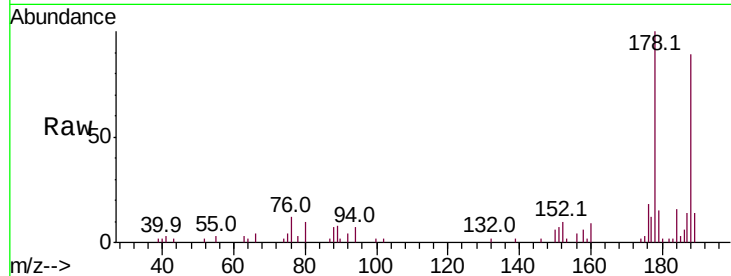
#70
Phenanthrene
Concen: 3.059 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampled :
S-30

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	15.1	12.5	18.7

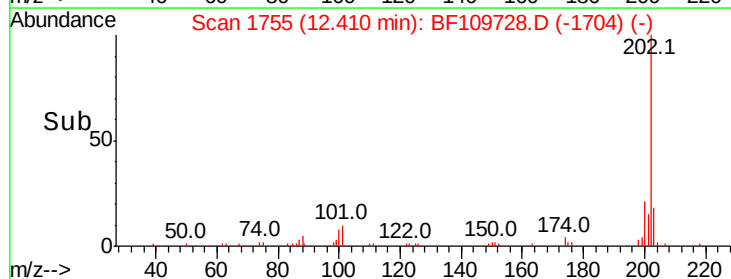
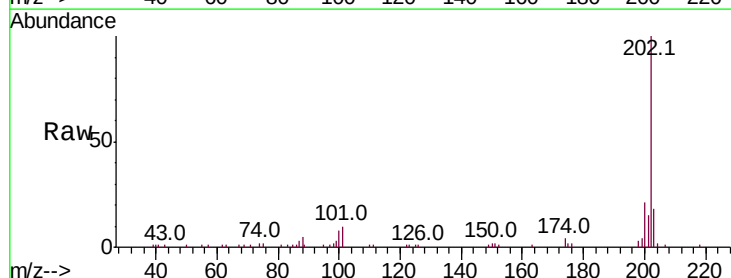
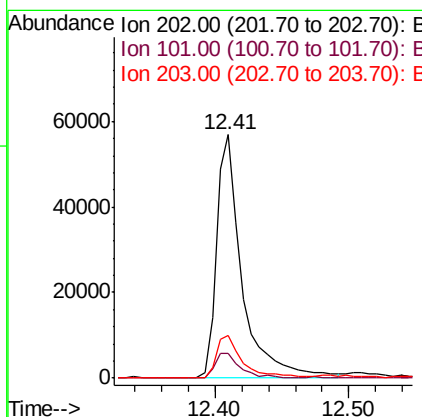
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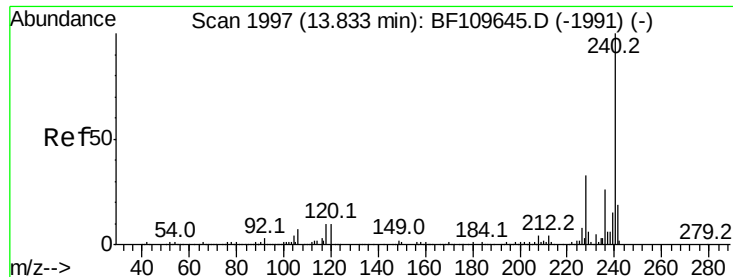
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#74
Fluoranthene
Concen: 7.398 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.7	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109728.D

Acq: 10 Oct 2018 6:44

Instrument :

BNA_F

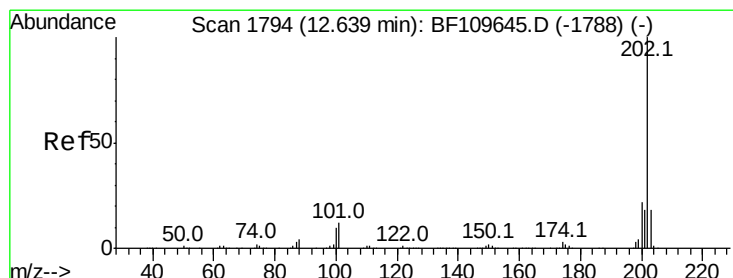
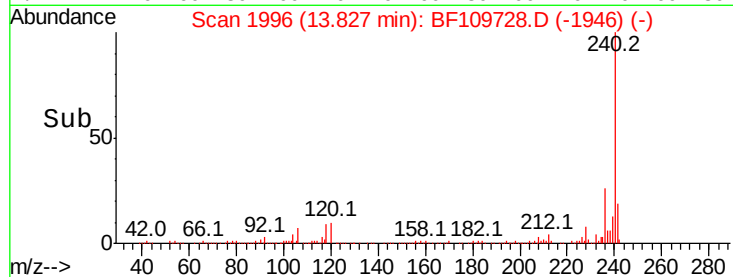
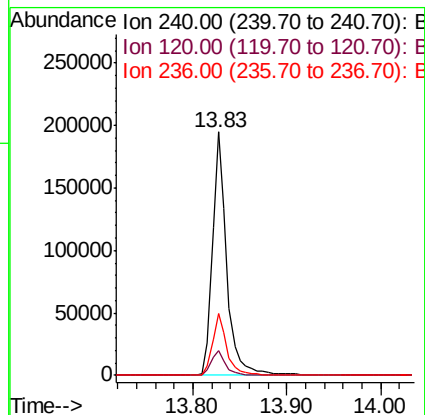
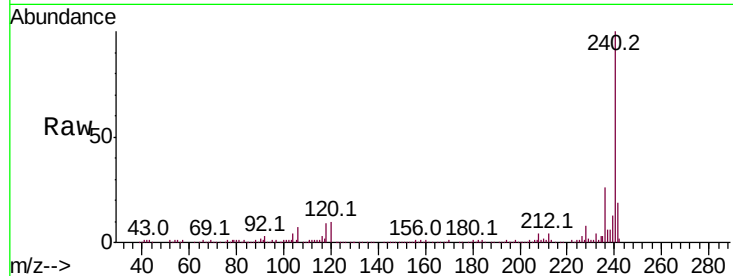
ClientSampled :

S-30

Tot Ion:	240	Resp:	209171
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.3	12.5
236	25.5	21.2	31.8

Manual Integrations
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#77

Pyrene

Concen: 4.725 ng

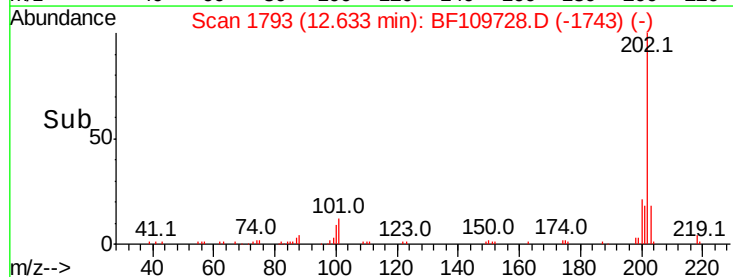
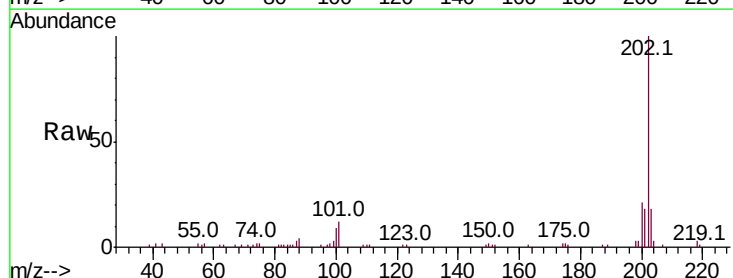
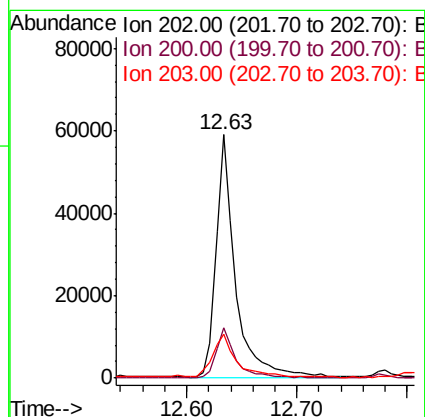
RT: 12.63 min Scan# 1793

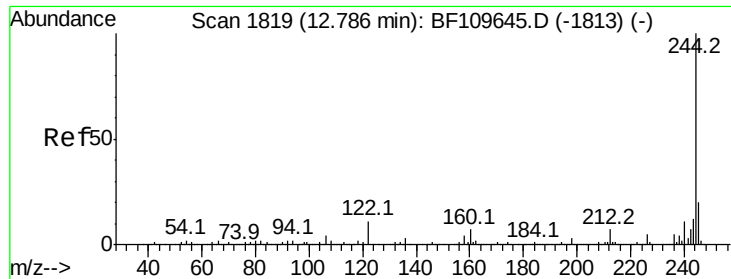
Delta R.T. -0.01 min

Lab File: BF109728.D

Acq: 10 Oct 2018 6:44

Tgt Ion:	202	Resp:	72408
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.6
203	18.3	14.2	21.4





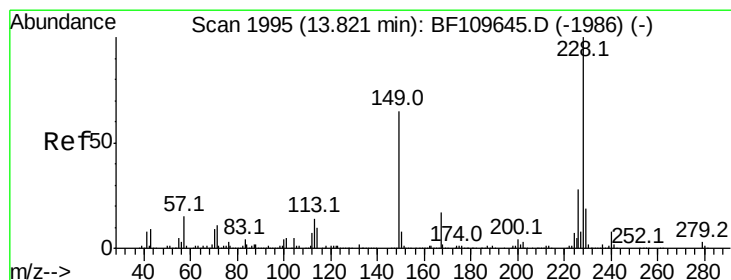
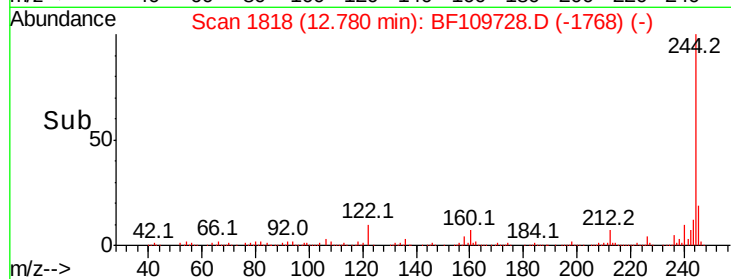
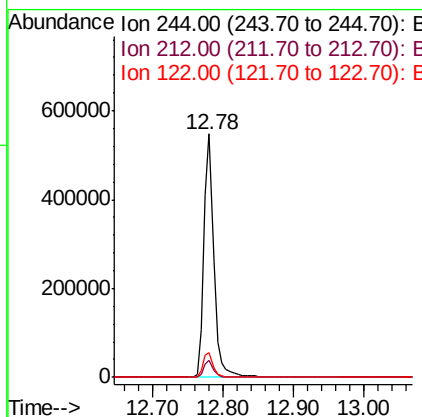
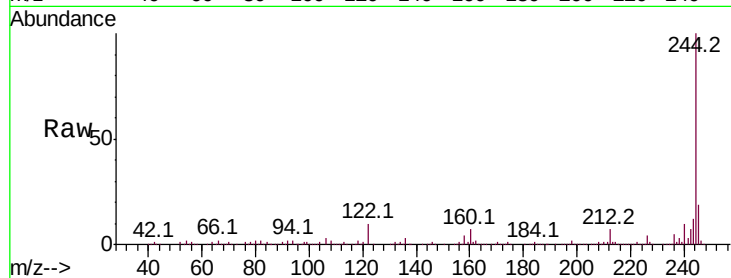
#78
 Terphenyl-d14
 Concen: 50.027 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Instrument :
 BNA_F
 ClientSampled :
 S-30

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.0	8.7	13.1

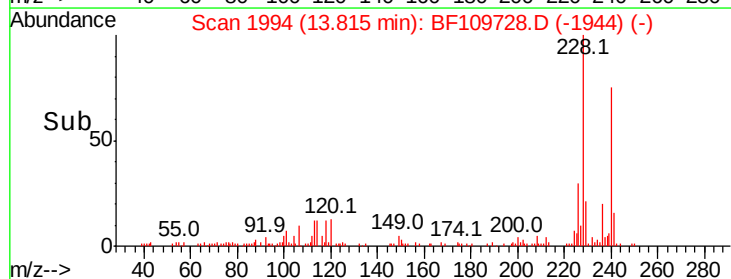
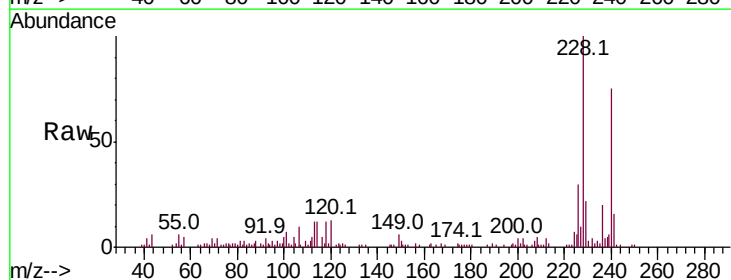
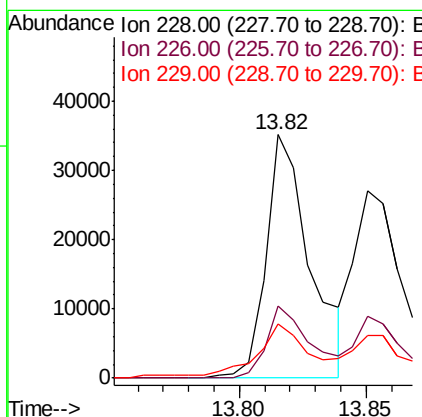
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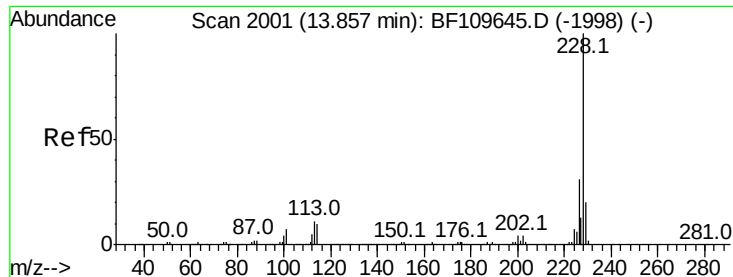
Sohil
 10/10/2018 11:37:23 AM



#80
 Benzo(a)anthracene
 Concen: 3.689 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.5	22.1	33.1
229	22.4	15.6	23.4





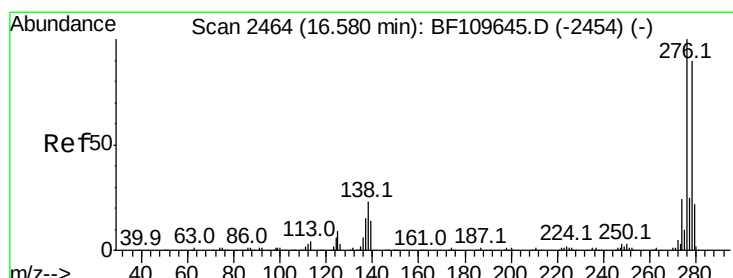
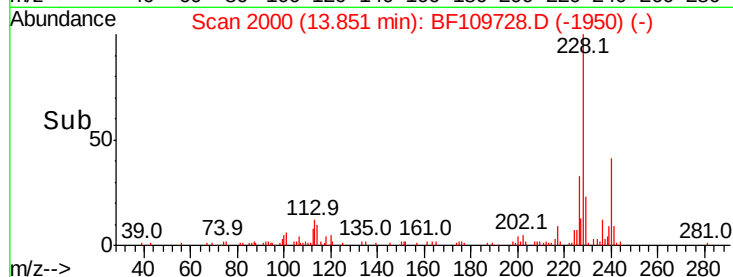
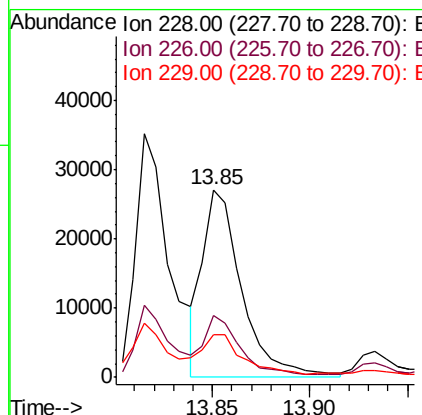
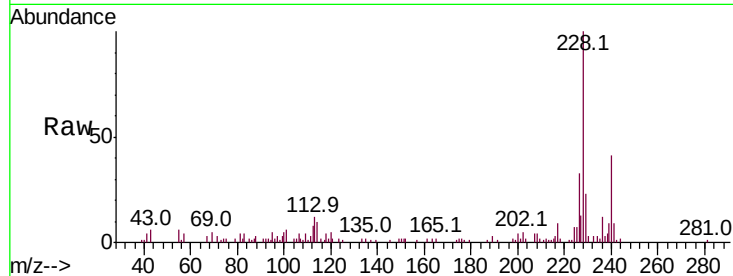
#82
Chrysene
Concen: 3.138 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampled :
S-30

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.7	37.1
229	23.0	15.9	23.9

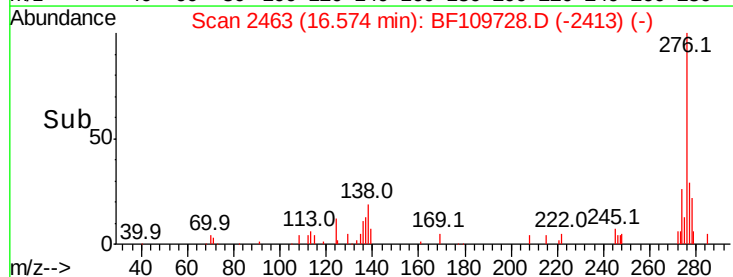
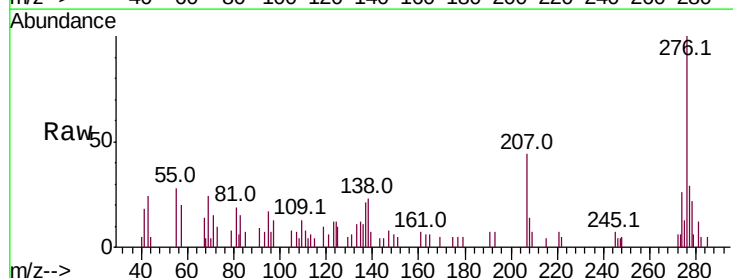
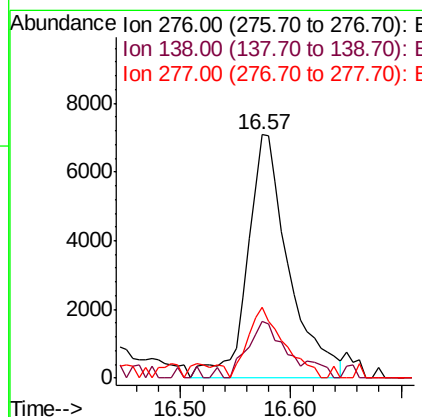
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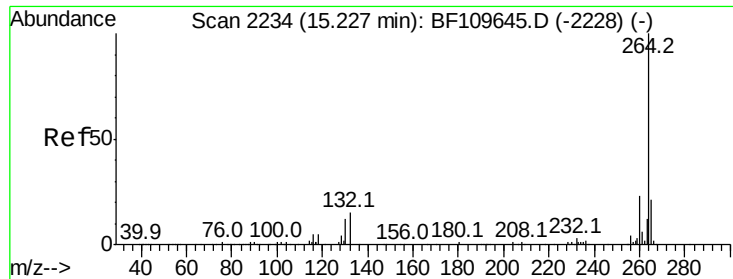
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.123 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.5	27.7
277	25.3	20.0	30.0





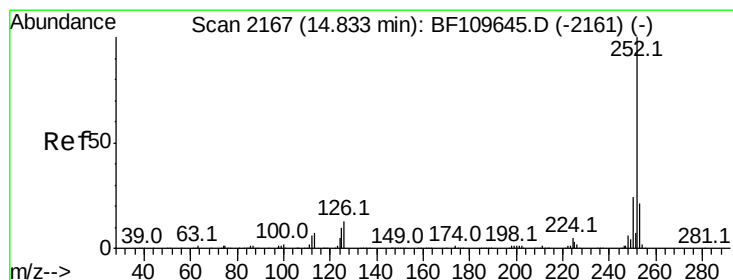
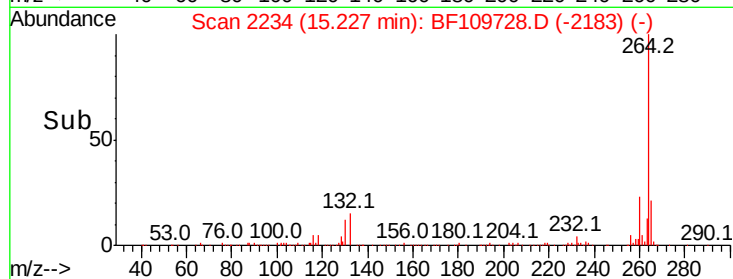
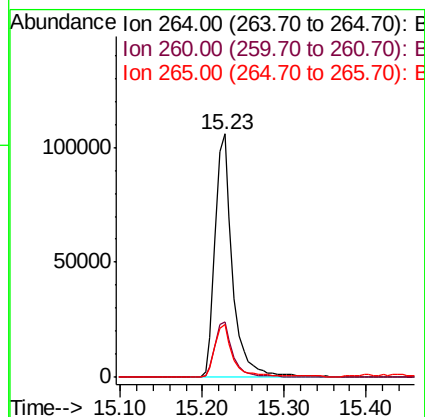
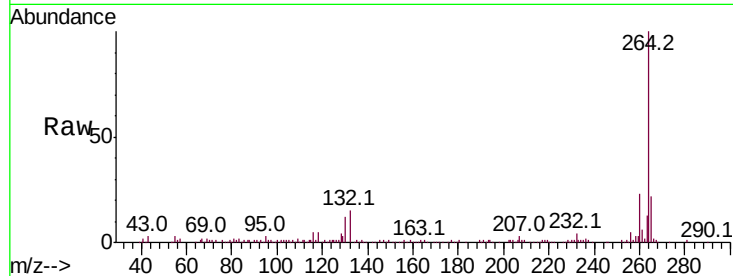
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampleId :
S-30

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.6	16.7	25.1

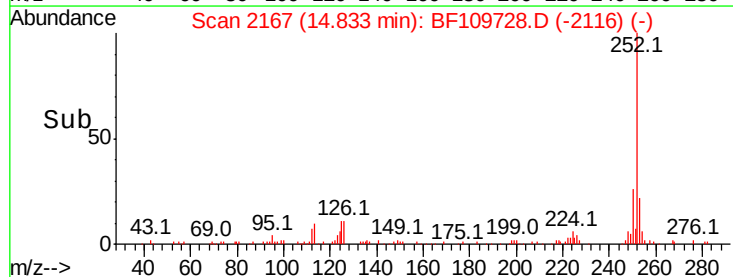
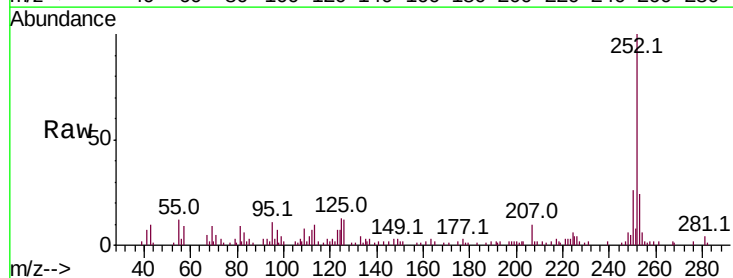
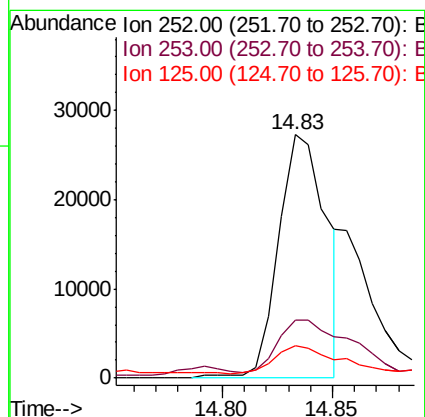
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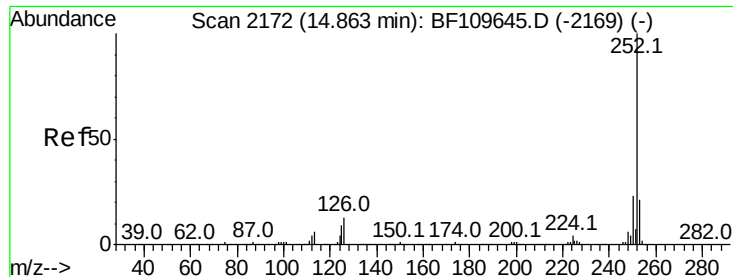
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#87
Benzo(b)fluoranthene
Concen: 4.698 ng m
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	13.5	8.2	12.4#





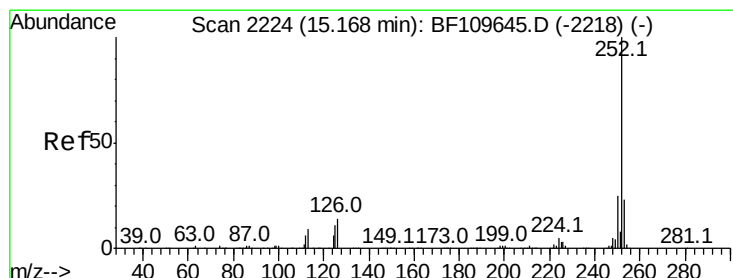
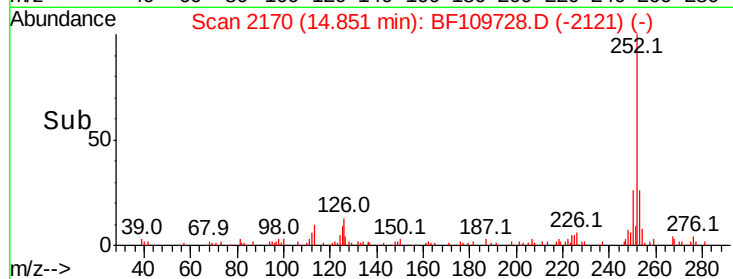
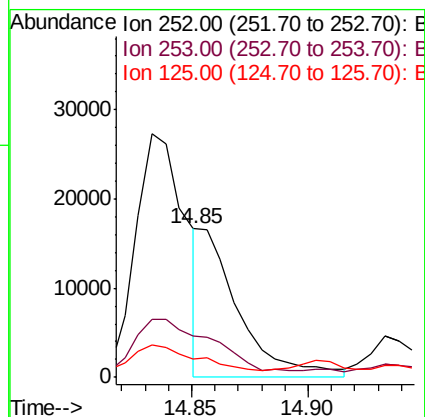
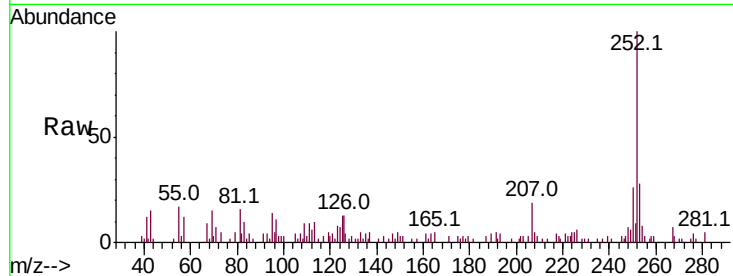
#88
Benzo(k)fluoranthene
Concen: 2.181 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Instrument :
BNA_F
ClientSampled :
S-30

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.2	25.8#
125	12.5	7.4	11.0#

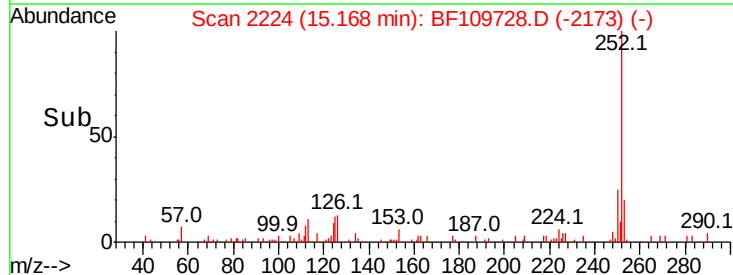
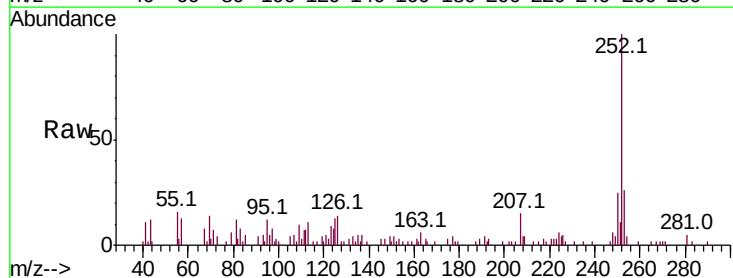
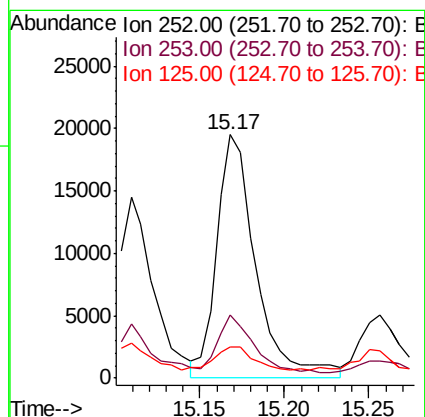
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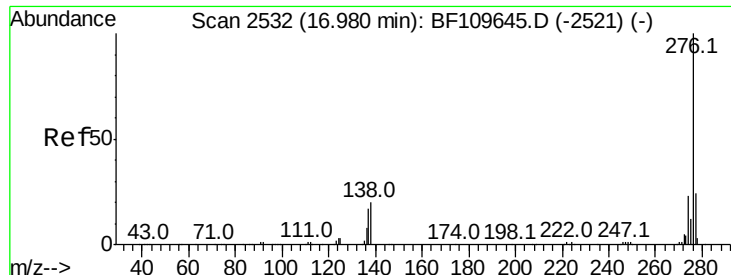
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#89
Benzo(a)pyrene
Concen: 3.968 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF109728.D
Acq: 10 Oct 2018 6:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	12.9	9.0	13.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.672 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF109728.D
 Acq: 10 Oct 2018 6:44

Instrument :
 BNA_F
 ClientSampleId :
 S-30

Tot Ion:	276	Resp:	17414
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.8	28.2
138	20.5	16.0	24.0

Manual Integrations
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Sohil
 10/10/2018 11:37:23 AM

