

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110268.D
 Acq On : 29 Oct 2018 18:10
 Operator : JU/SJ
 Sample : J5696-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-02

Manual Integrations
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Quant Time: Oct 30 07:53:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127209	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	510010	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	222909	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	351497	20.00	ng	0.00
76) Chrysene-d12	14.16	240	241424	20.00	ng	0.00
87) Perylene-d12	15.69	264	200634	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	755708	96.74	ng	0.00
7) Phenol-d6	6.59	99	963222	96.40	ng	0.00
23) Nitrobenzene-d5	7.53	82	601162	69.91	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	169054	76.56	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	843790	59.44	ng	0.00
79) Terphenyl-d14	13.09	244	508316	43.79	ng	0.00
Target Compounds						
10) Phenol	6.60	94	62612	5.862	ng	Qvalue # 66
50) Dimethylphthalate	9.72	163	186699	11.346	ng	100
71) Phenanthrene	11.53	178	270935	14.731	ng	99
72) Anthracene	11.58	178	56294	3.054	ng	100
75) Fluoranthene	12.72	202	397141	21.276	ng	100
78) Pyrene	12.95	202	337972	19.527	ng	98
81) Benzo(a)anthracene	14.14	228	154684	10.804	ng	100
83) Chrysene	14.18	228	165201	12.149	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	22361	2.202	ng	99
86) Indeno(1,2,3-cd)pyrene	17.25	276	66547	5.899	ng	98
88) Benzo(b)fluoranthene	15.23	252	207692m	17.926	ng	
89) Benzo(k)fluoranthene	15.26	252	51656m	4.535	ng	
90) Benzo(a)pyrene	15.62	252	119040	11.166	ng	98
92) Benzo(a,h,i)perylene	17.73	276	68800	7.590	ng	97

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

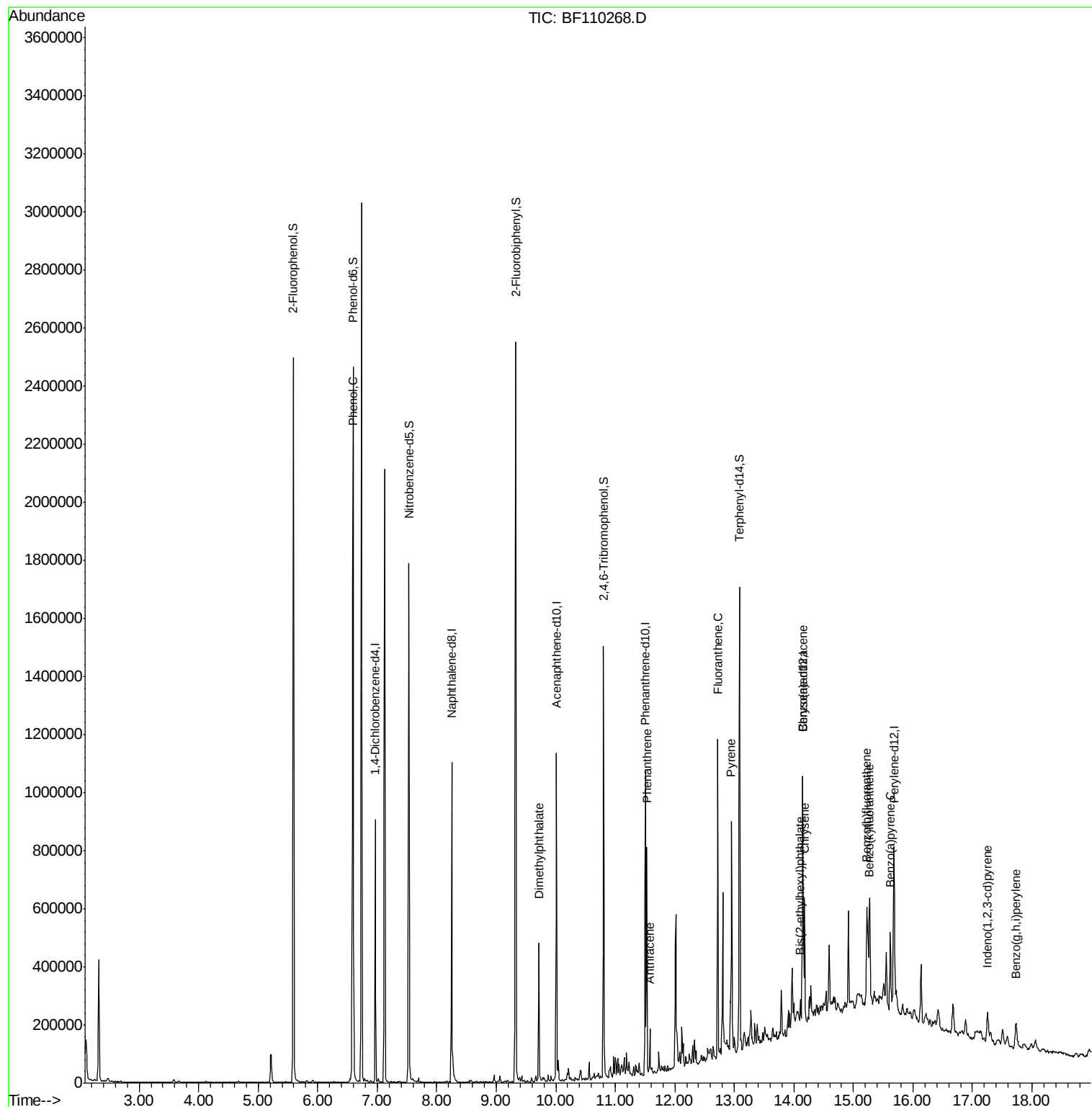
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110268.D
Acq On : 29 Oct 2018 18:10
Operator : JU/SJ
Sample : J5696-04
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#1

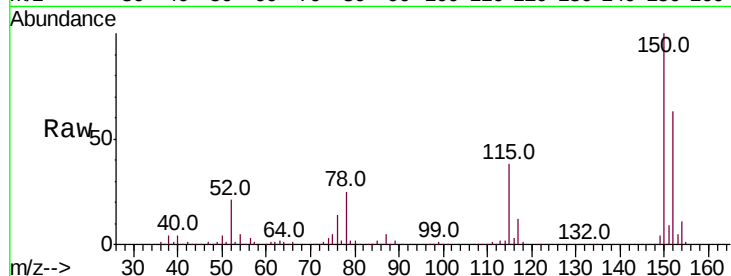
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	60.5	49.1	73.7

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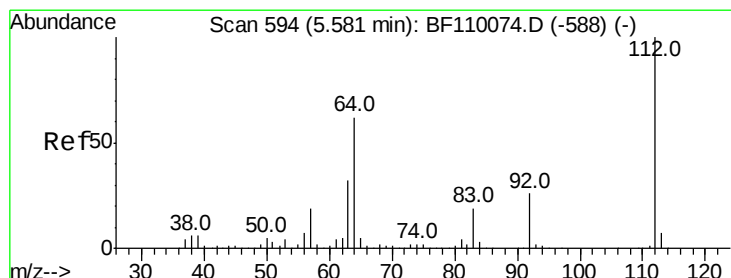
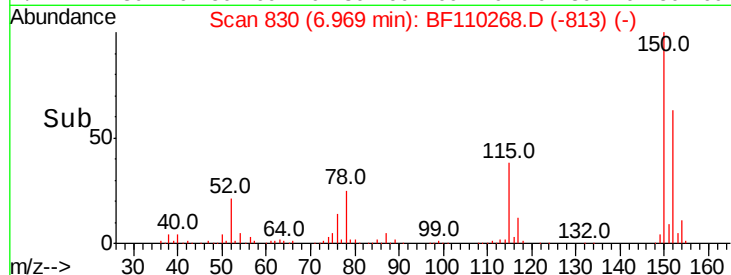
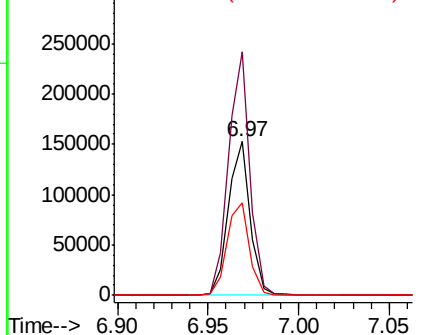


Abundance

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: 96.741 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

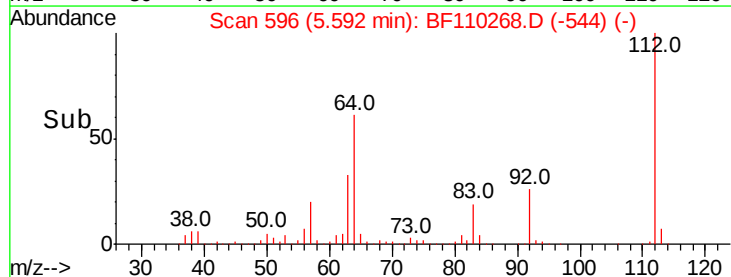
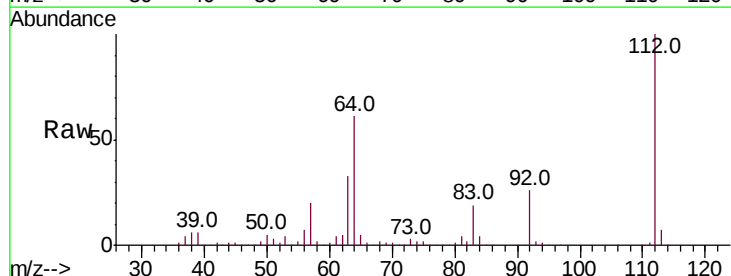
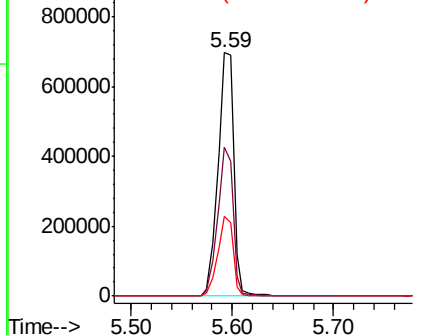
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.7	23.7	35.5

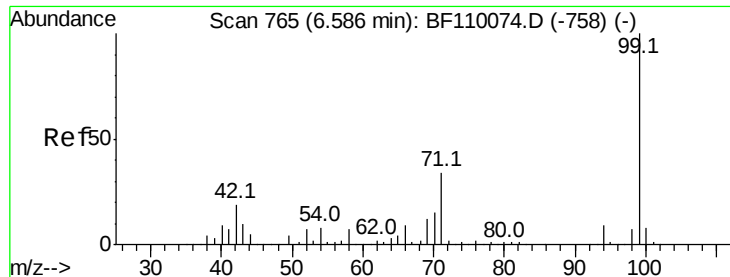
Abundance

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: 96.402 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

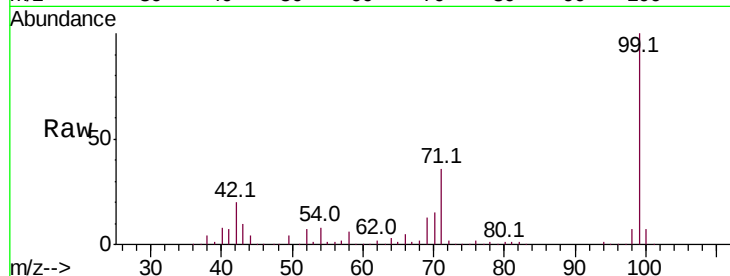
ClientSampleId :

DL-SED-02

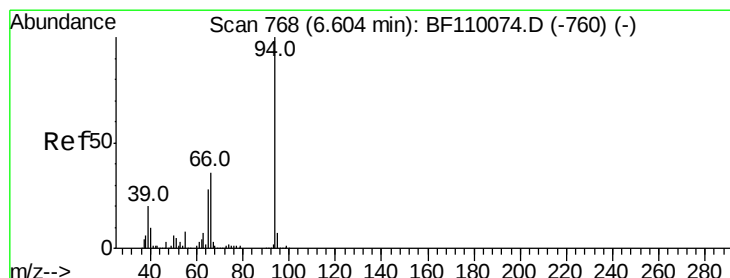
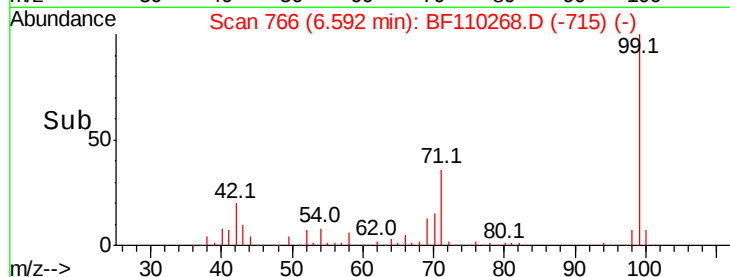
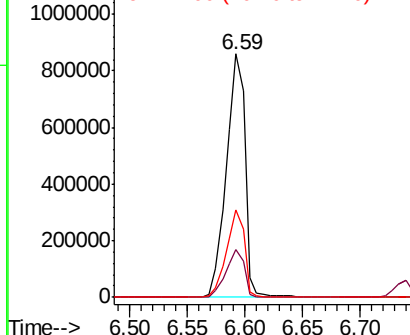
Tot Ion:	99	Resp:	963222
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	35.7	28.0	42.0

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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



#10

Phenol

Concen: 5.862 ng

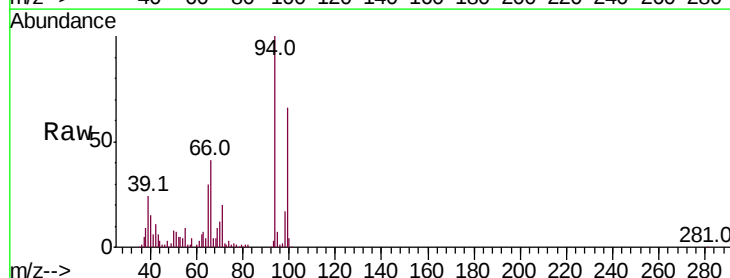
RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

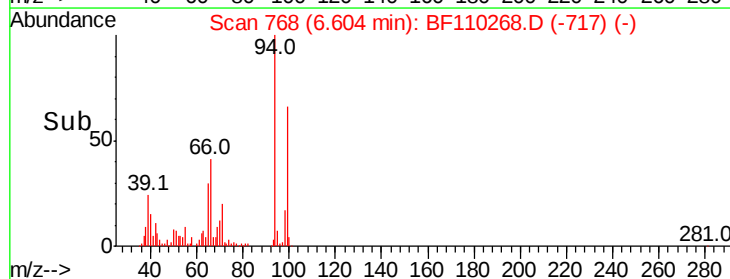
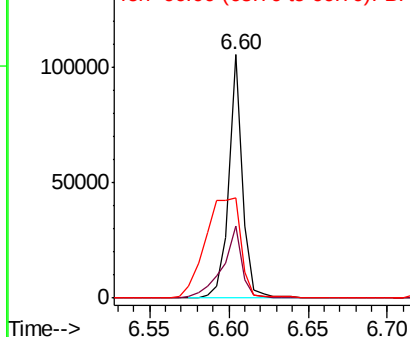
Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Tgt Ion:	94	Resp:	62612
Ion Ratio	Lower	Upper	
94	100		
65	29.5	25.3	65.3
66	41.2	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

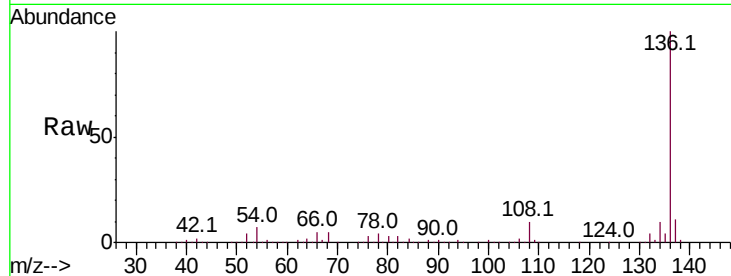
ClientSampleId :

DL-SED-02

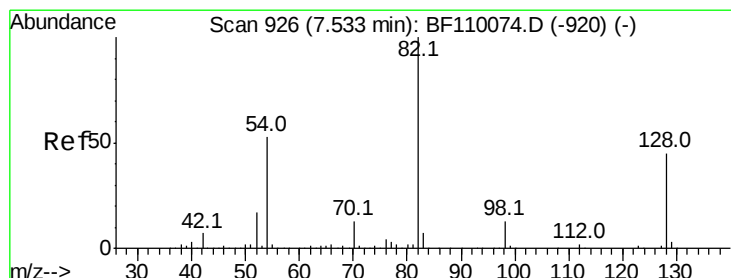
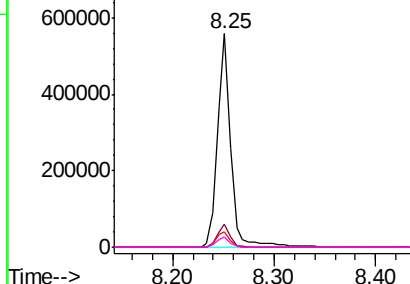
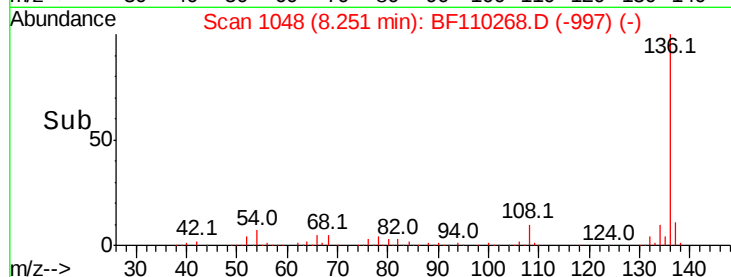
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.5	5.4	8.2	
68	4.7	4.2	6.2	

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



#23

Nitrobenzene-d5

Concen: 69.914 ng

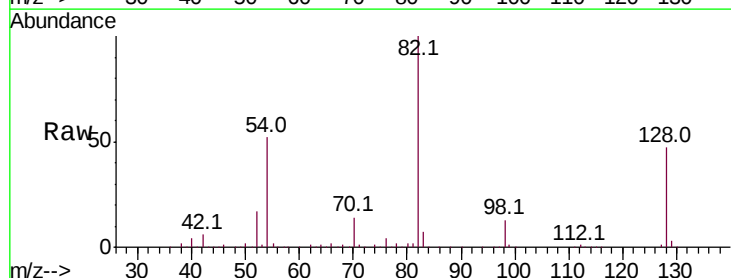
RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

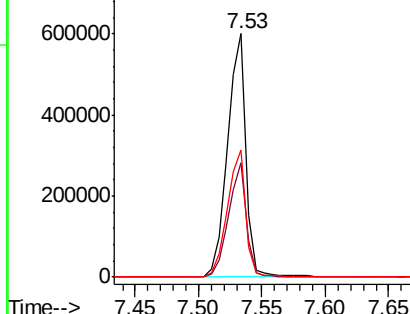
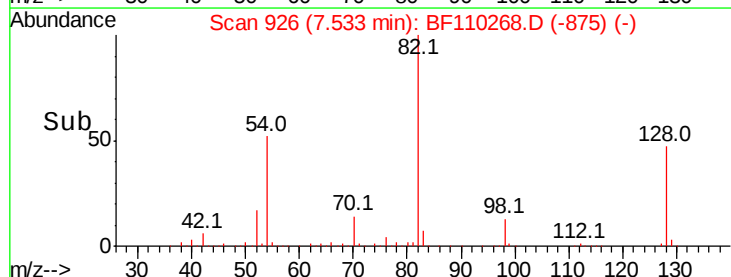
Lab File: BF110268.D

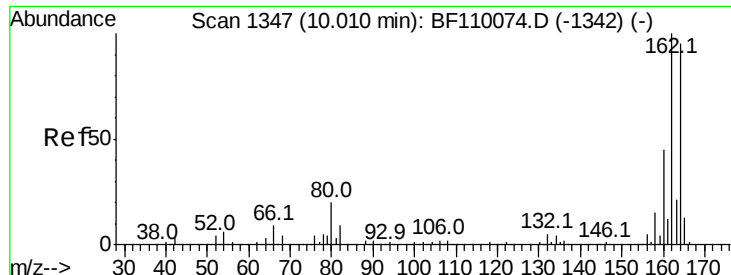
Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.2	51.2	
54	52.4	38.6	58.0	



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





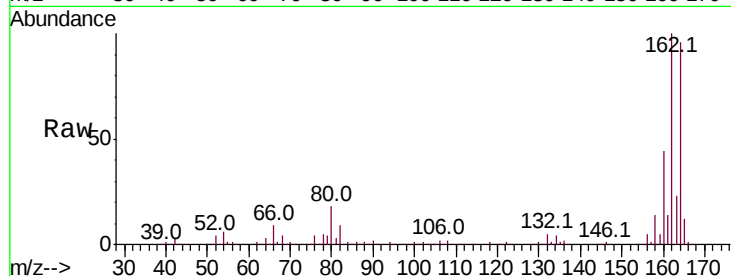
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

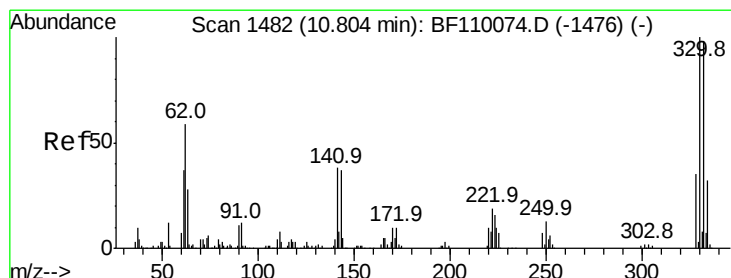
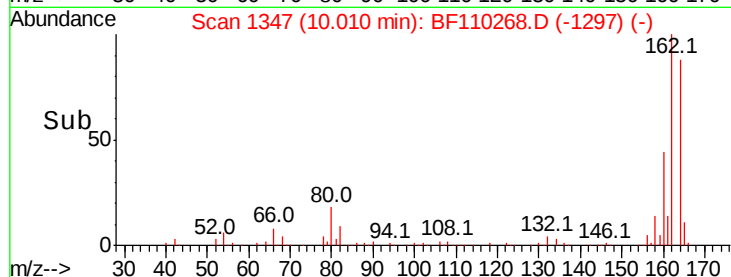
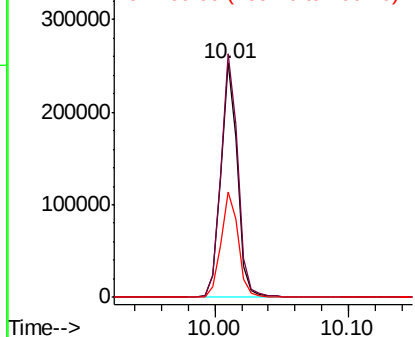
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.0	124.6	
160	45.2	37.0	55.6	

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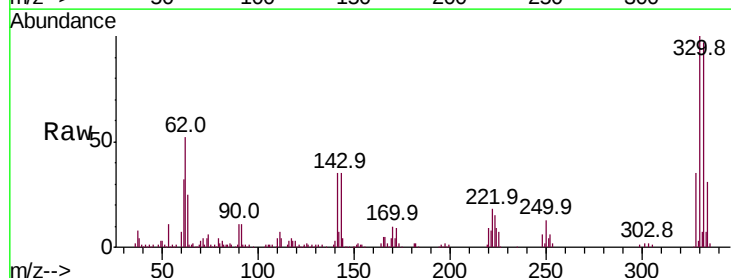


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

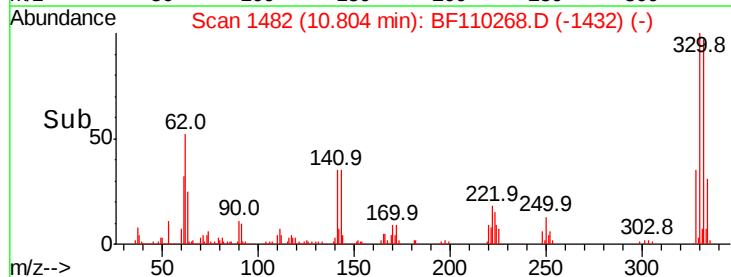
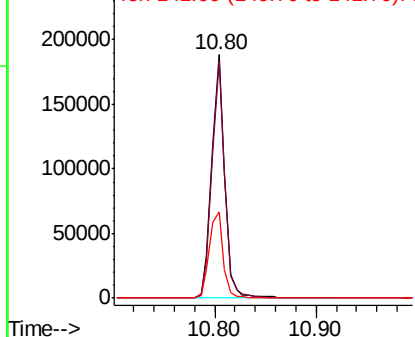


#42
2,4,6-Tribromophenol
Concen: 76.562 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.1	115.7	
141	38.0	27.0	40.4	



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





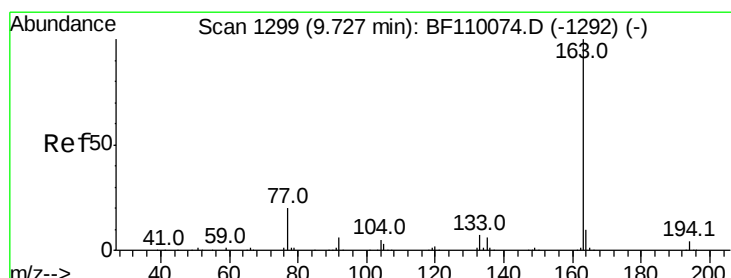
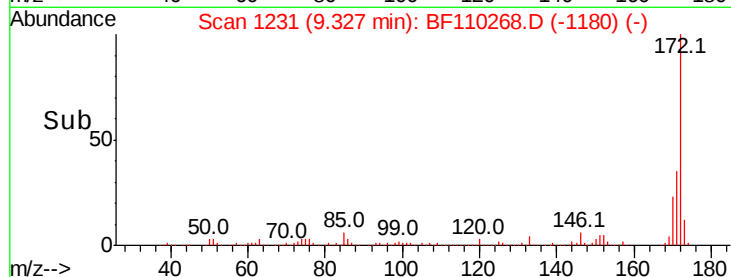
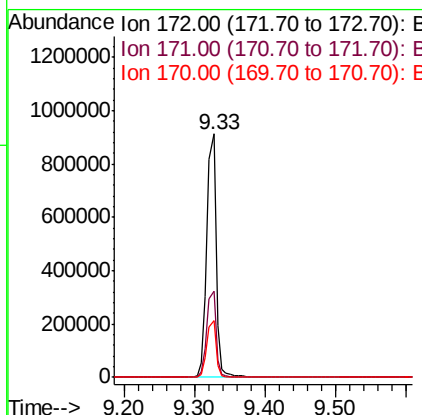
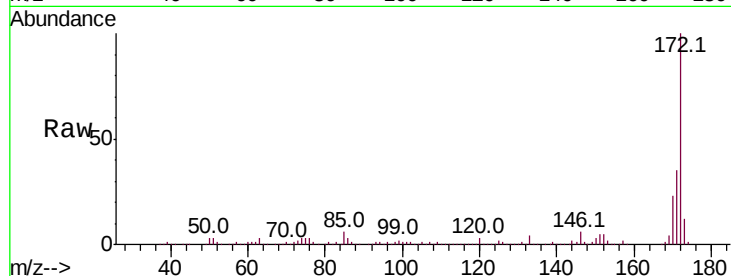
#45
 2-Fluorobiphenyl
 Concen: 59.440 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110268.D
 Acq: 29 Oct 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	19.7	29.5

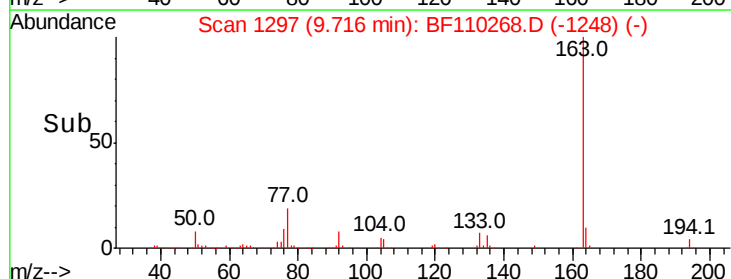
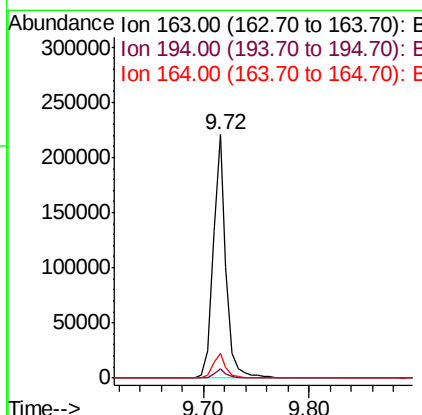
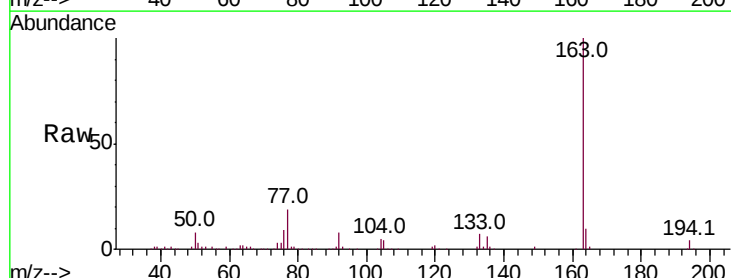
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#50
 Dimethylphthalate
 Concen: 11.346 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF110268.D
 Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.3	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

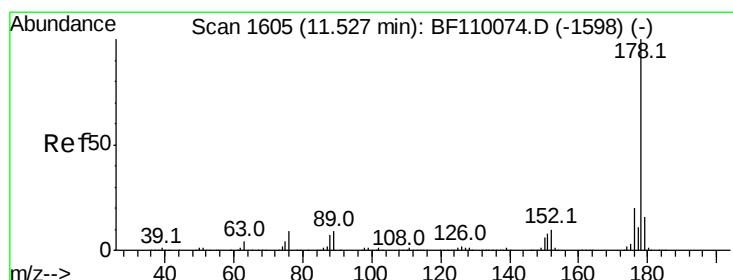
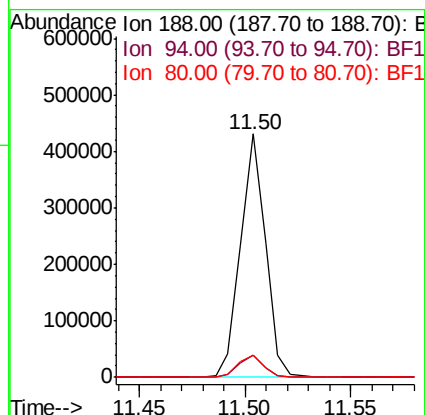
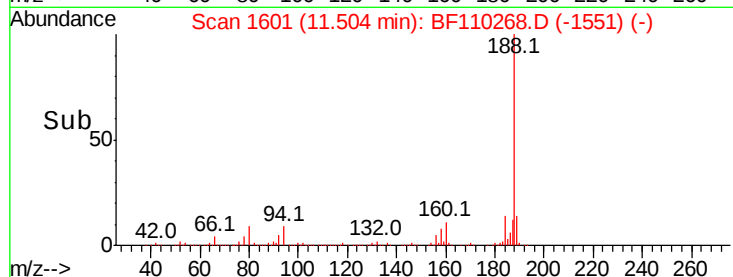
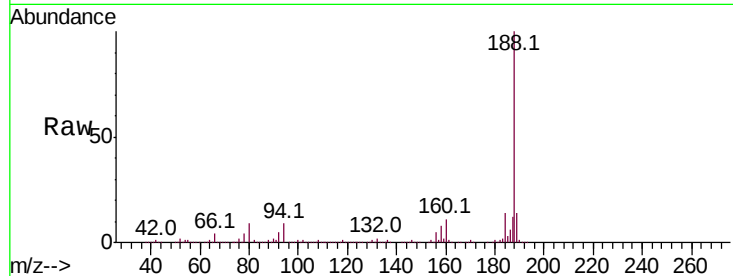
ClientSampleId :

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Tot Ion:188	Resp:	351497
Ion Ratio	Lower	Upper
188 100		
94 8.9	7.2	10.8
80 9.2	7.9	11.9

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#71

Phenanthrene

Concen: 14.731 ng

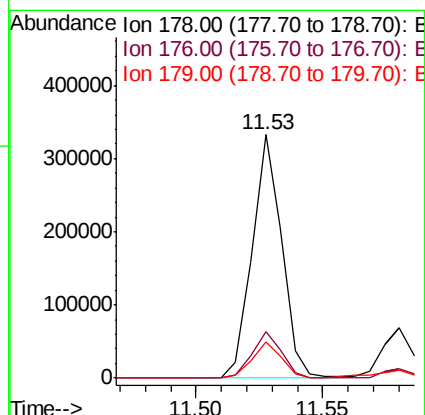
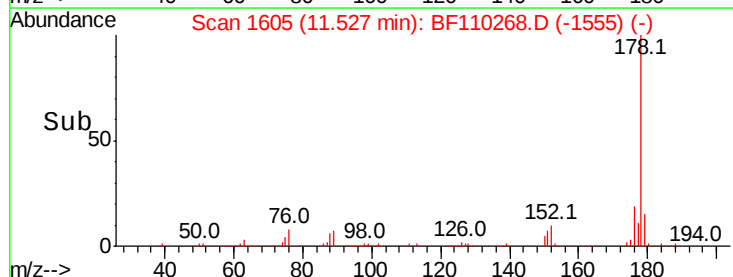
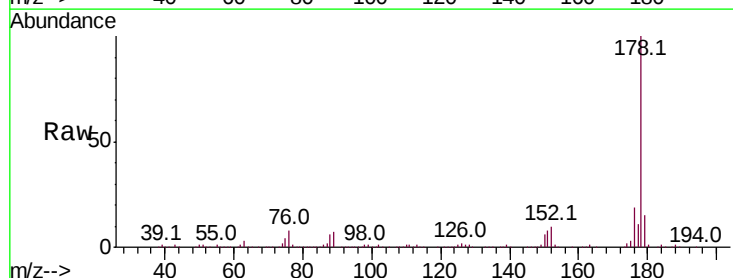
RT: 11.53 min Scan# 1605

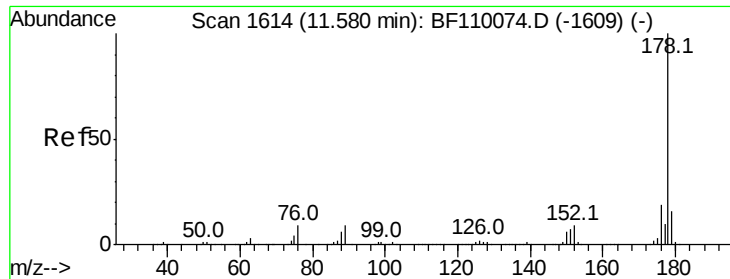
Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Tgt Ion:178	Resp:	270935
Ion Ratio	Lower	Upper
178 100		
176 18.9	15.5	23.3
179 15.1	12.5	18.7





#72

Anthracene

Concen: 3.054 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

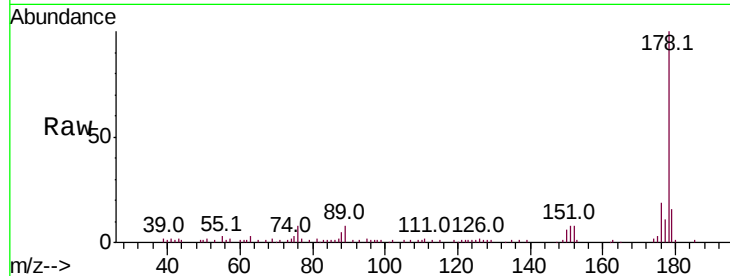
ClientSampleId :

DL-SED-02

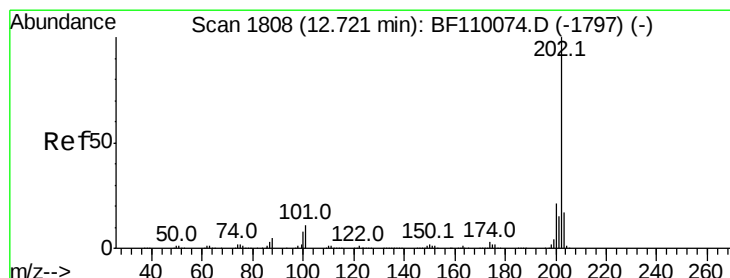
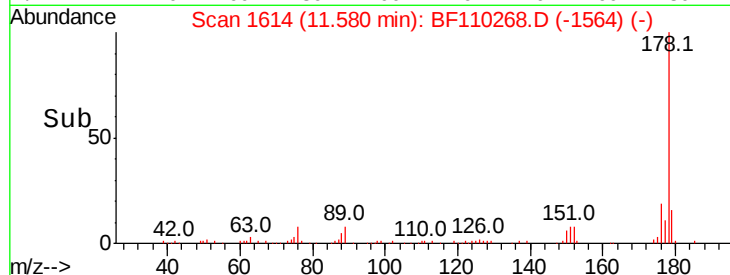
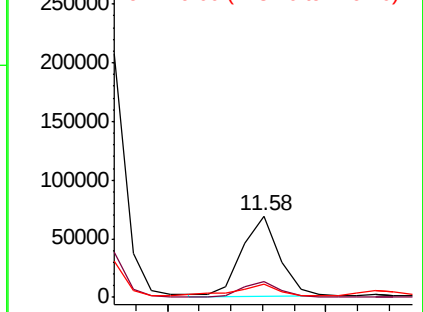
Tot Ion:	178	Resp:	56294
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	18.8

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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



#75

Fluoranthene

Concen: 21.276 ng

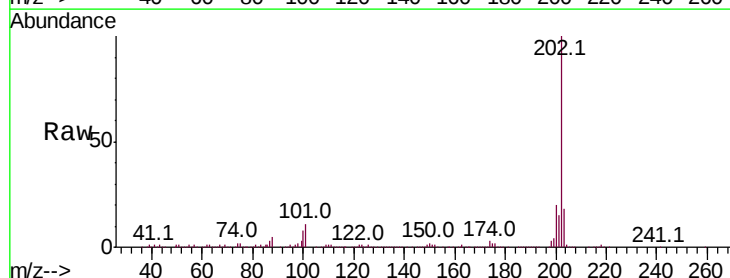
RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

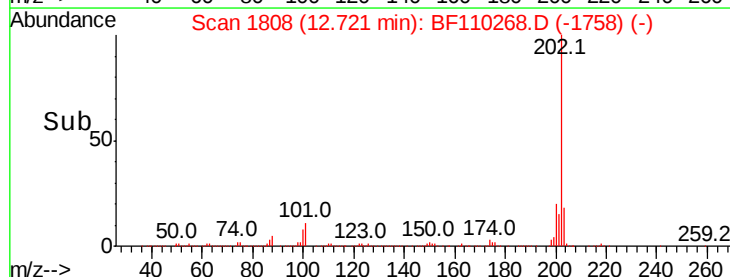
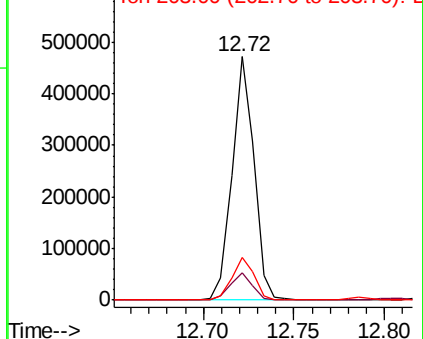
Lab File: BF110268.D

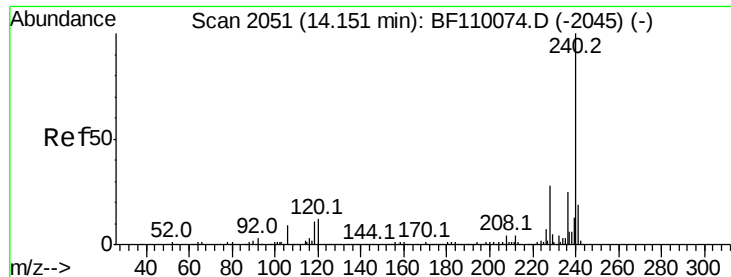
Acq: 29 Oct 2018 18:10

Tgt Ion:	202	Resp:	397141
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.4
203	17.6	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





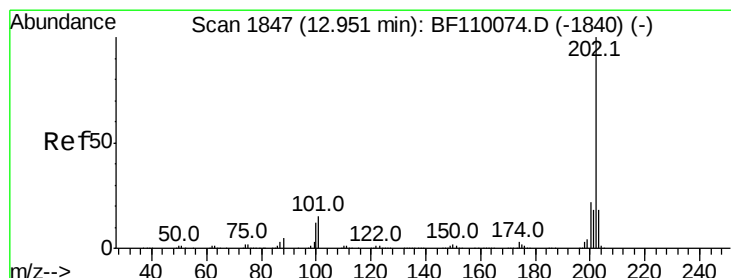
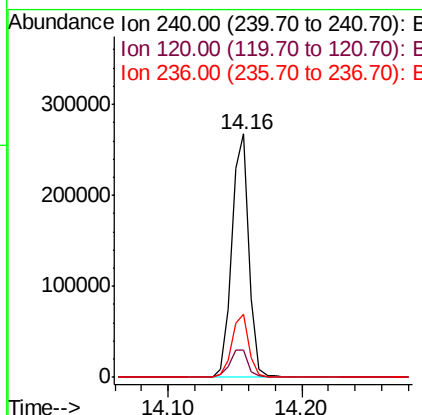
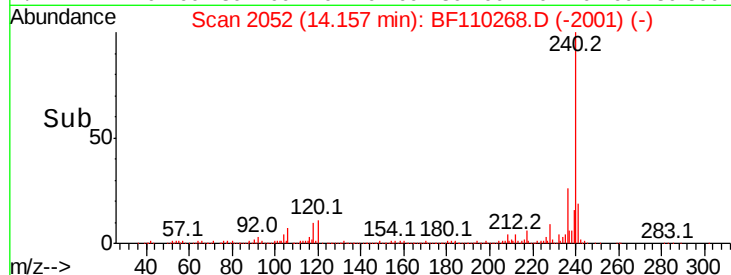
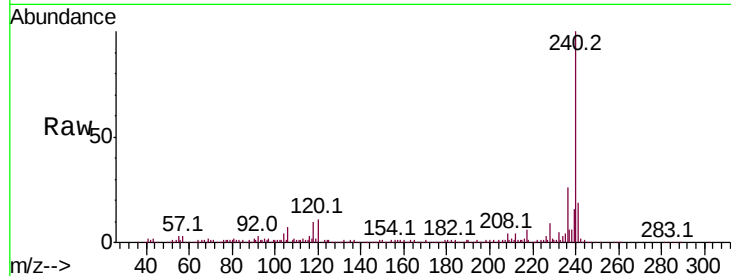
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.1	21.2	31.8

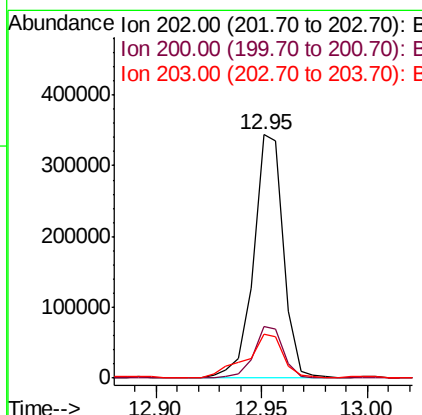
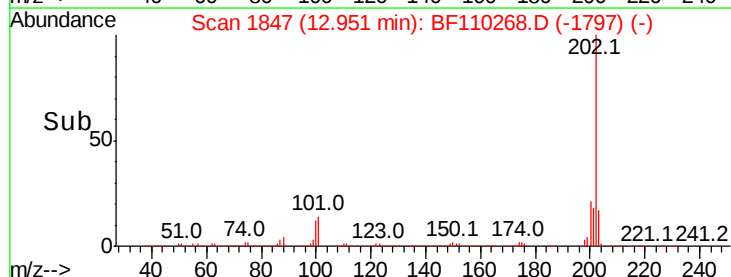
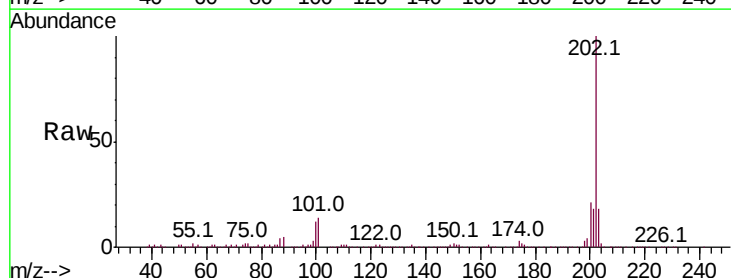
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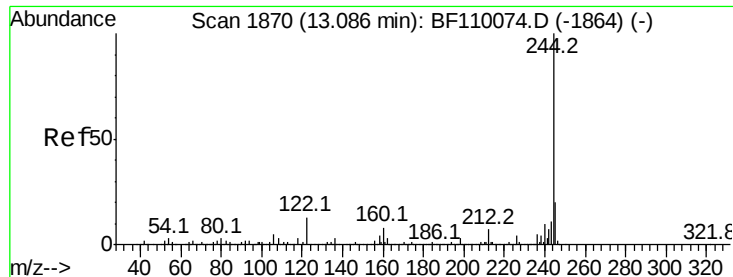
Sohil
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#78
Pyrene
Concen: 19.527 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	18.0	14.2	21.4





#79

Terphenyl-d14

Concen: 43.788 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

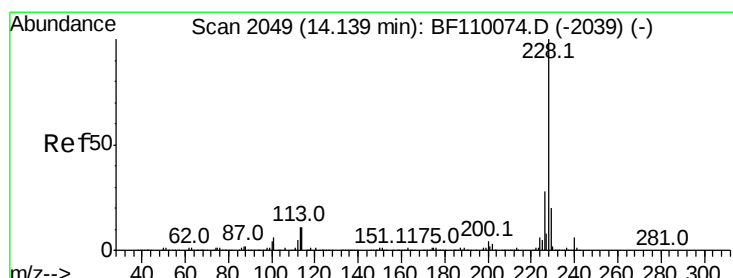
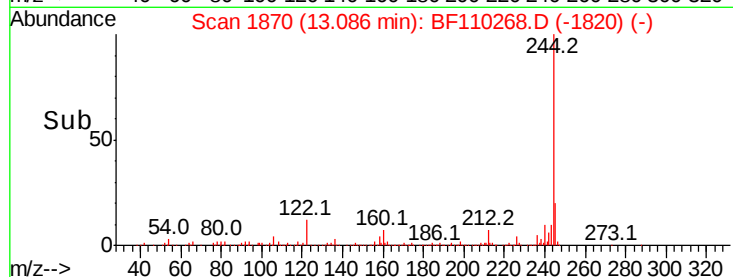
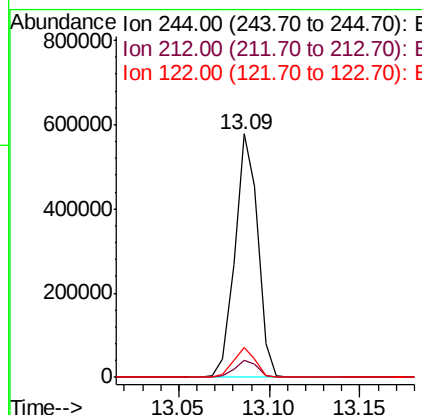
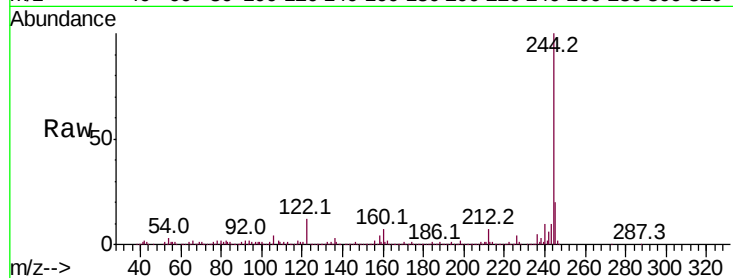
ClientSampleId :

DL-SED-02

Tot Ion:	244	Resp:	508316
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.3	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 10.804 ng

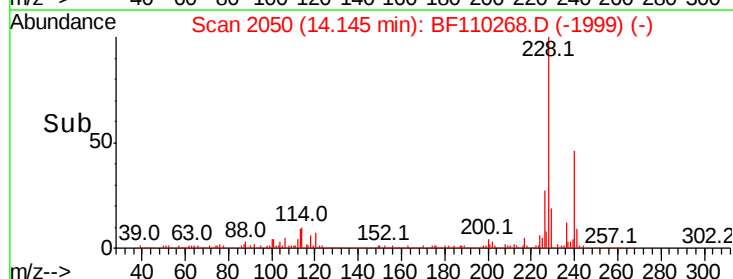
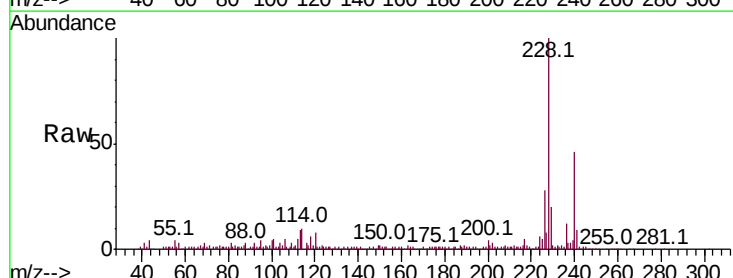
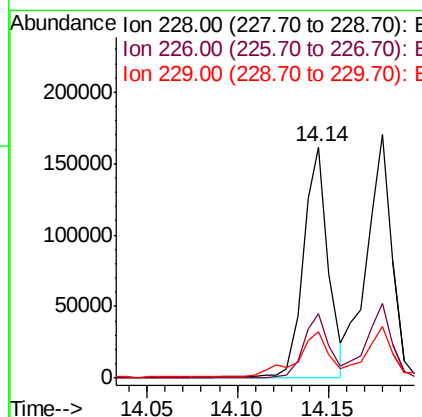
RT: 14.14 min Scan# 2050

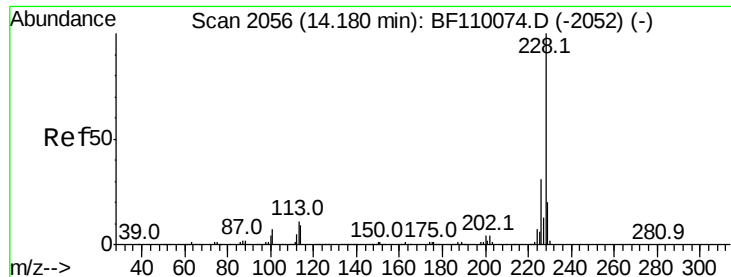
Delta R.T. -0.00 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Tgt Ion:	228	Resp:	154684
Ion Ratio		Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.9	15.6	23.4





#83

Chrysene

Concen: 12.149 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Instrument :

BNA_F

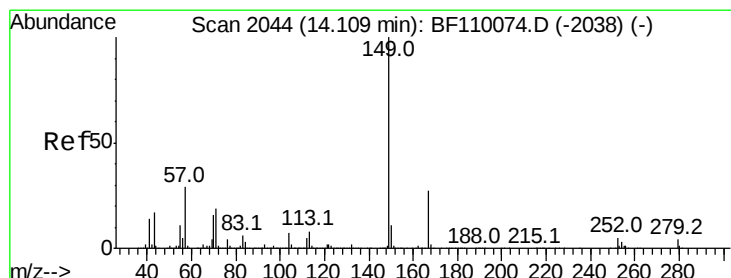
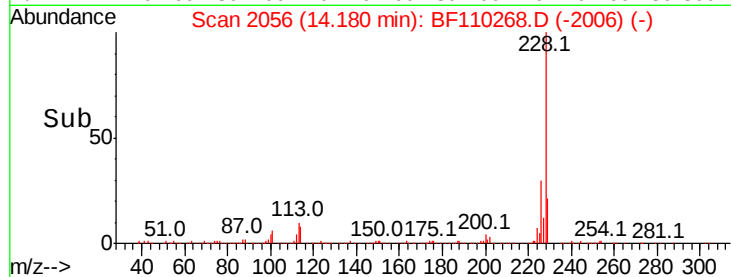
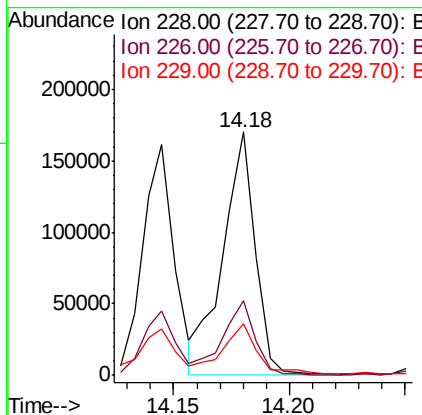
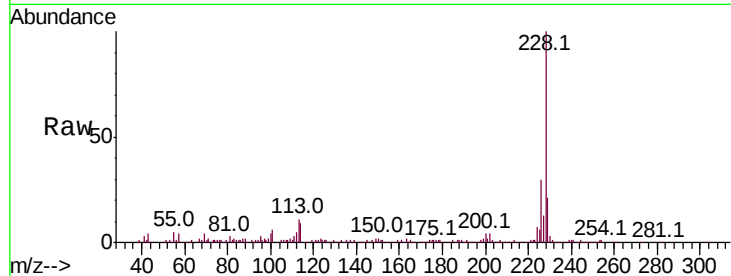
ClientSampled :

DL-SED-02

Tot Ion:	228	Resp:	165201
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	21.5	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.202 ng

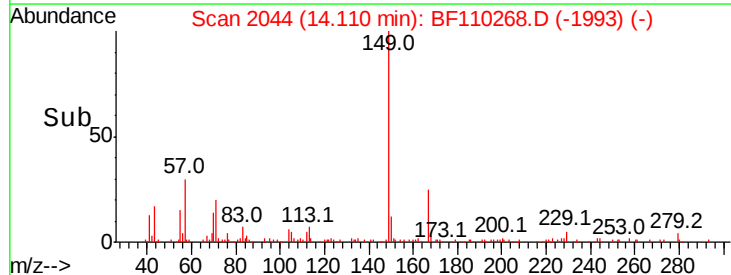
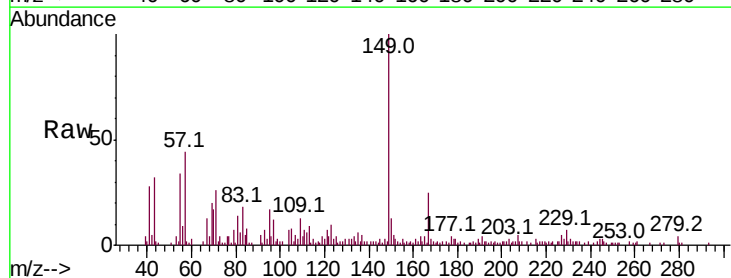
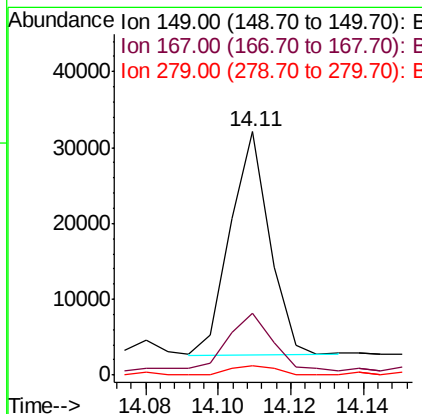
RT: 14.11 min Scan# 2044

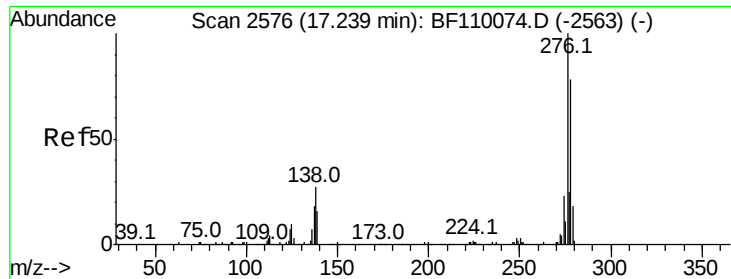
Delta R.T. -0.00 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Tgt Ion:	149	Resp:	22361
Ion Ratio	Lower	Upper	
149	100		
167	25.5	19.8	29.8
279	3.7	2.7	4.1





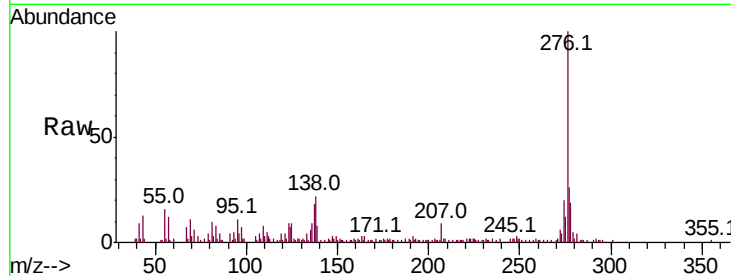
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.899 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

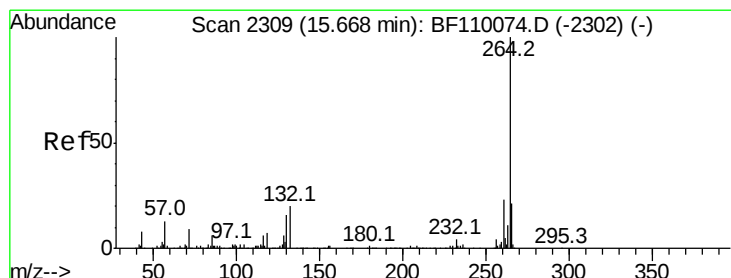
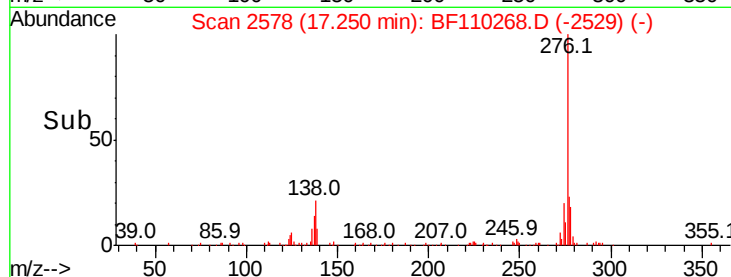
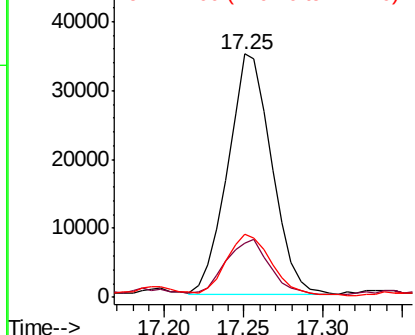
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.5	27.7
277	26.6	20.0	30.0

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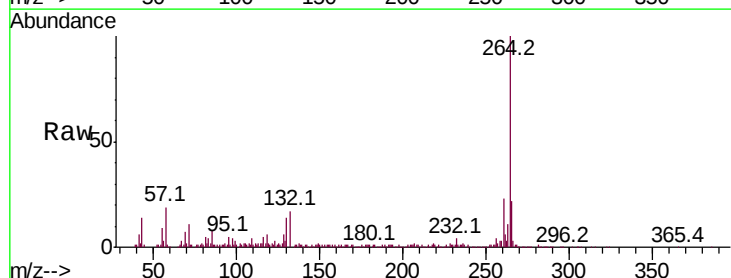


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

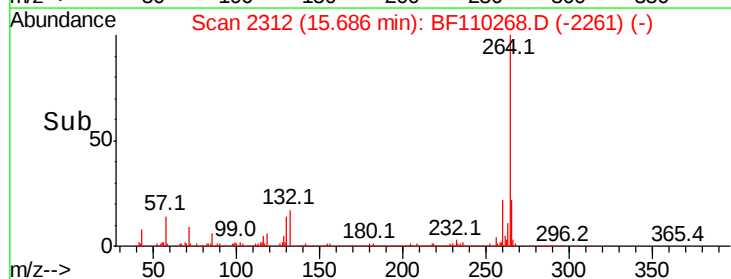
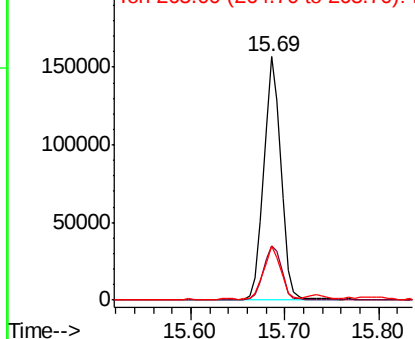


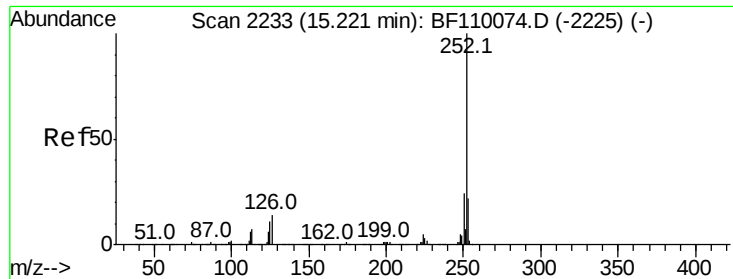
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	22.1	16.7	25.1



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: 17.926 ng m

RT: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF110268.D

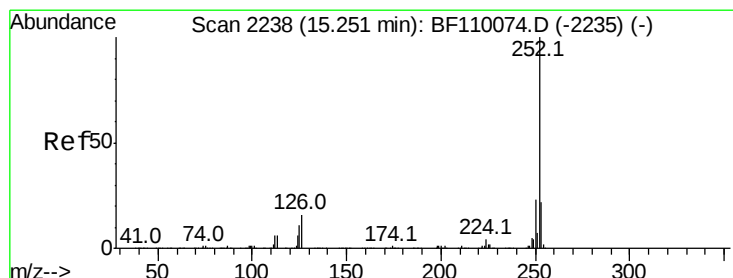
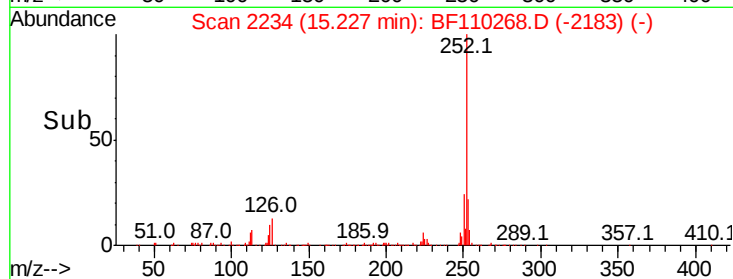
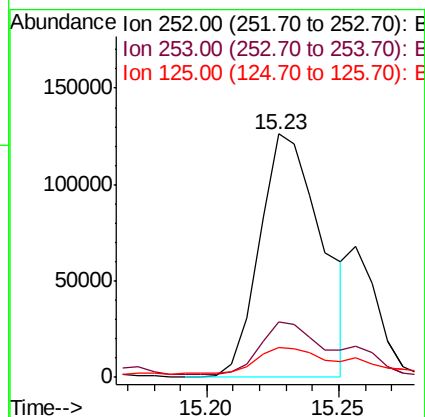
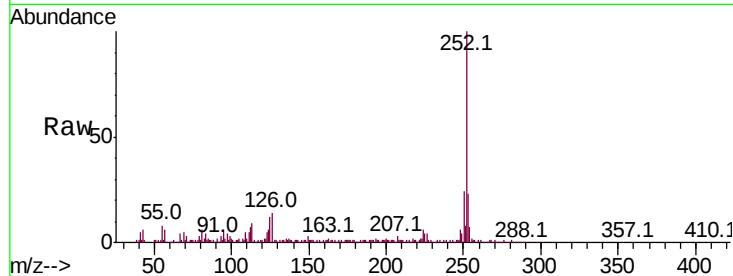
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.1	8.2	12.4

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#89

Benzo(k)fluoranthene

Concen: 4.535 ng m

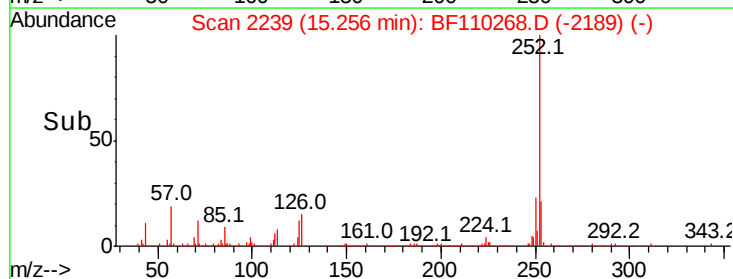
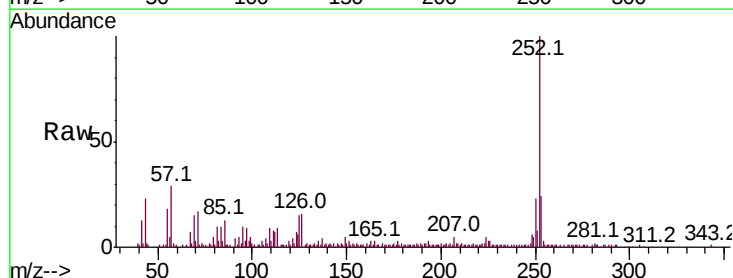
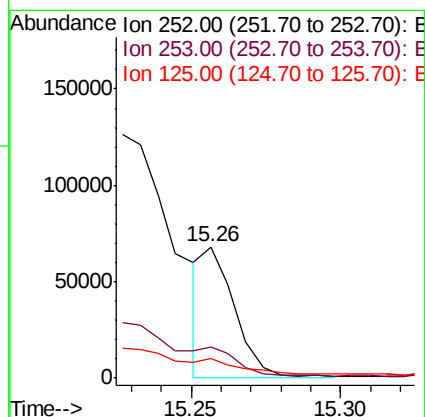
RT: 15.26 min Scan# 2239

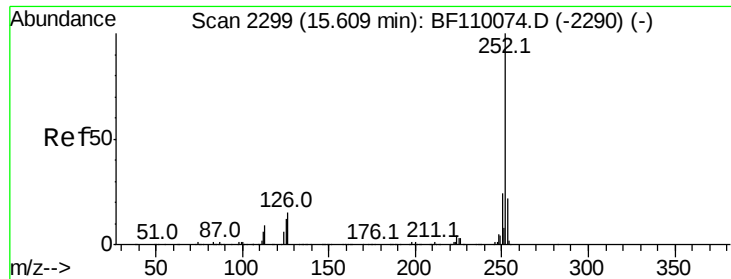
Delta R.T. -0.01 min

Lab File: BF110268.D

Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	14.8	7.4	11.0





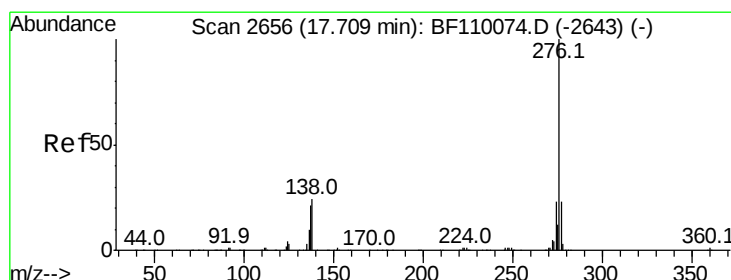
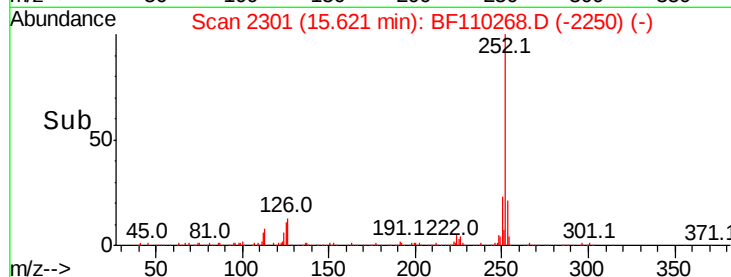
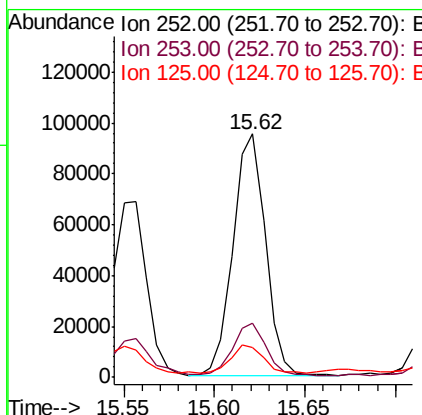
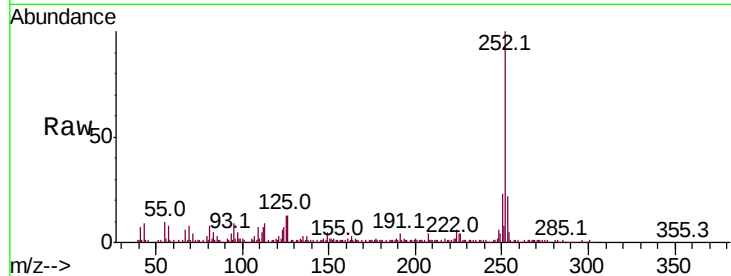
#90
Benzo(a)pyrene
Concen: 11.166 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Instrument :
BNA_F
ClientSampleId :
DL-SED-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	12.5	9.0	13.6

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#92
Benzo(g,h,i)perylene
Concen: 7.590 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110268.D
Acq: 29 Oct 2018 18:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.6	16.0	24.0

