

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102470.D
 Acq On : 26 Jan 2018 16:00
 Operator : SJ/JU
 Sample : J1020-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-012418-D

Manual Integrations
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 1/27/2018 1:46:50 PM

Quant Time: Jan 26 17:14:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164464	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	678469	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	279464	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	408596	20.00	ng	0.00
75) Chrysene-d12	13.89	240	294666	20.00	ng	0.01
86) Perylene-d12	15.33	264	225598	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	592606	54.63	ng	0.01
7) Phenol-d6	6.37	99	709006	54.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	318454	26.97	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	88135	31.83	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	685356	36.06	ng	0.00
78) Terphenyl-d14	12.83	244	454359	34.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	92012	3.983	ng	99
57) Fluorene	10.30	166	46814	2.470	ng	# 98
70) Phenanthrene	11.27	178	391291	16.434	ng	99
71) Anthracene	11.32	178	133654	5.500	ng	98
74) Fluoranthene	12.46	202	600084	24.715	ng	98
77) Pyrene	12.69	202	566893	24.883	ng	100
80) Benzo(a)anthracene	13.88	228	272568	15.024	ng	96
82) Chrysene	13.92	228	222682	12.087	ng	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	69700	4.581	ng	99
87) Benzo(b)fluoranthene	14.92	252	230556m	15.768	ng	
88) Benzo(k)fluoranthene	14.94	252	60284m	4.364	ng	
89) Benzo(a)pyrene	15.27	252	144891	10.987	ng	# 87
91) Benzo(a,h,i)perylene	17.16	276	64446	6.110	ng	# 86

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

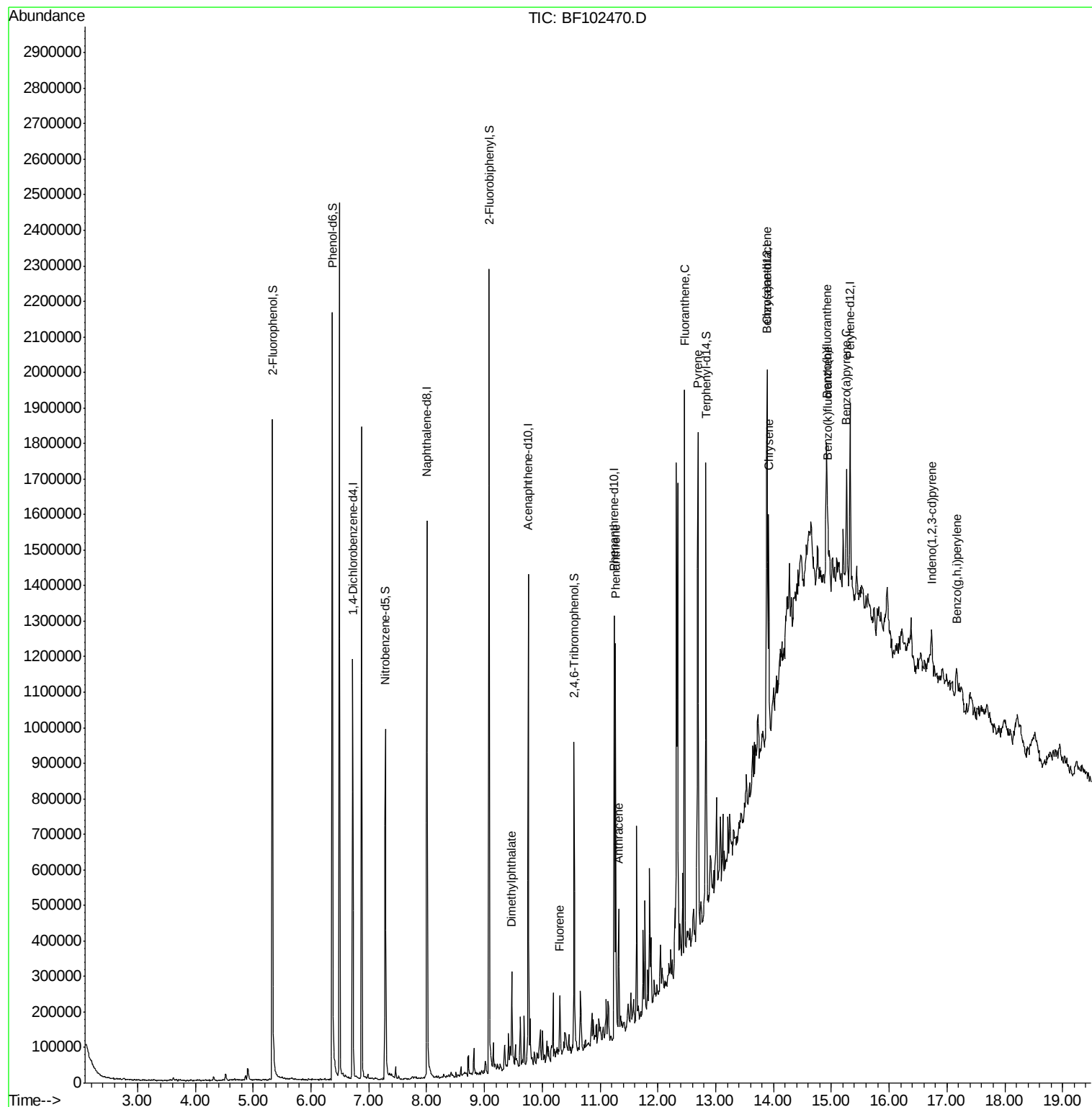
Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
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ALS Vial : 9 Sample Multiplier: 1

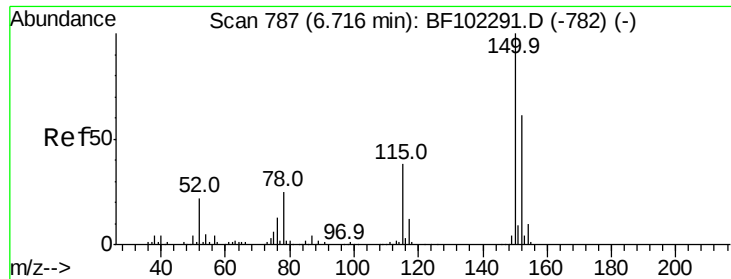
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

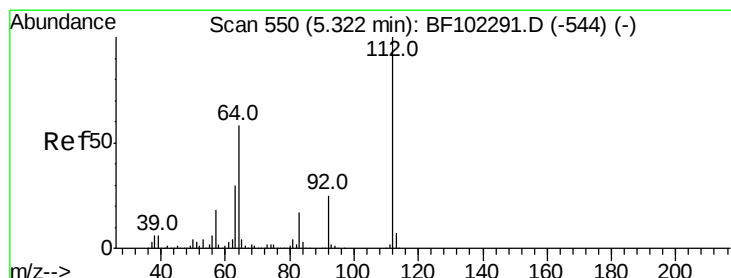
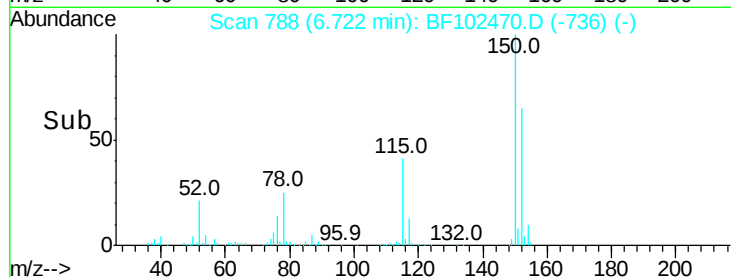
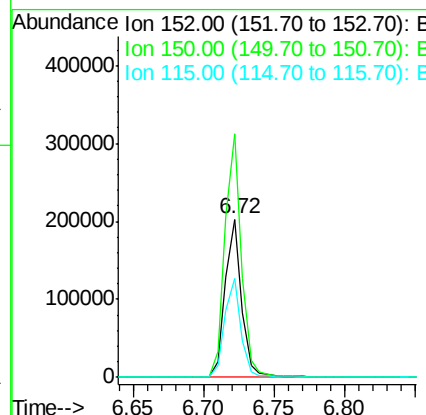
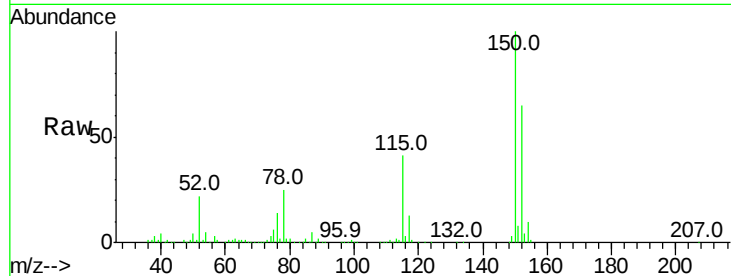
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	62.4	50.1	75.1

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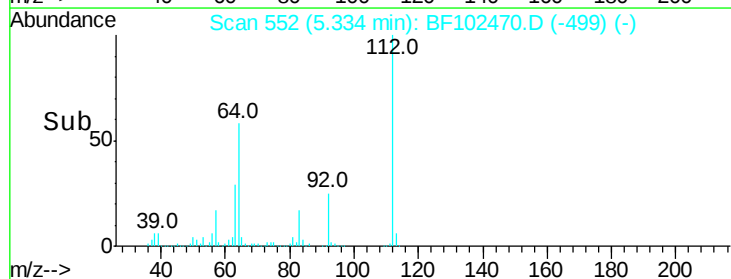
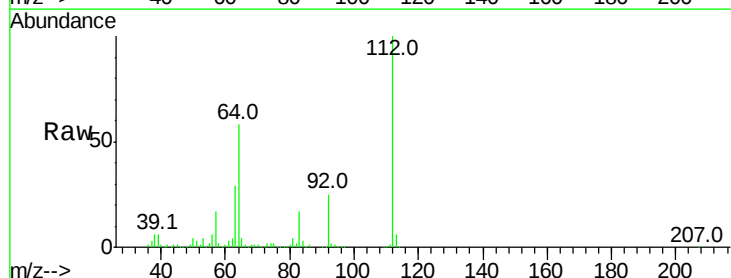
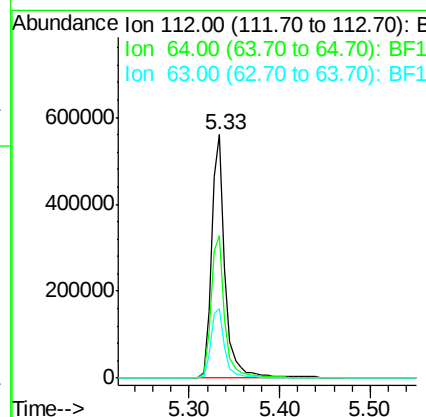
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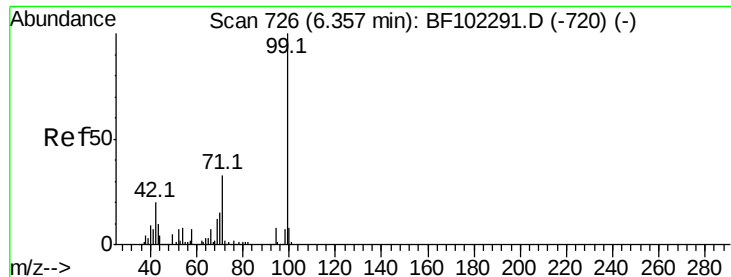


#5

2-Fluorophenol
Concen: 54.635 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 54.219 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Instrument :

BNA_F

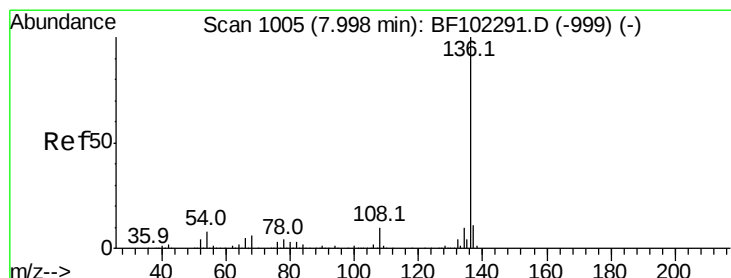
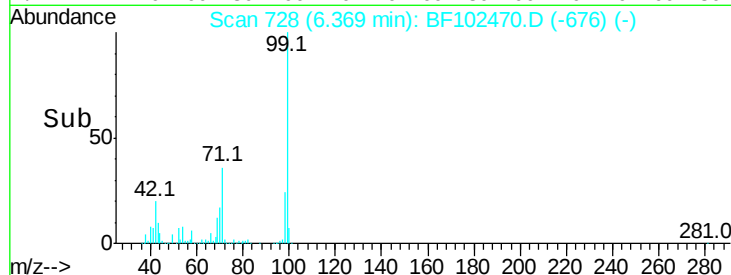
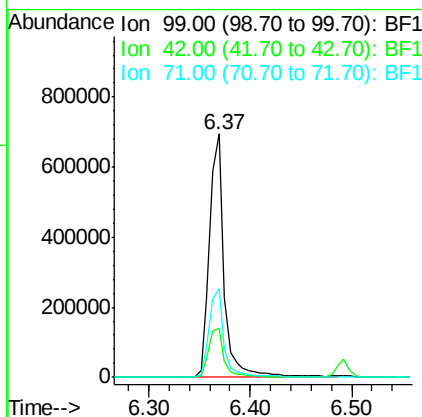
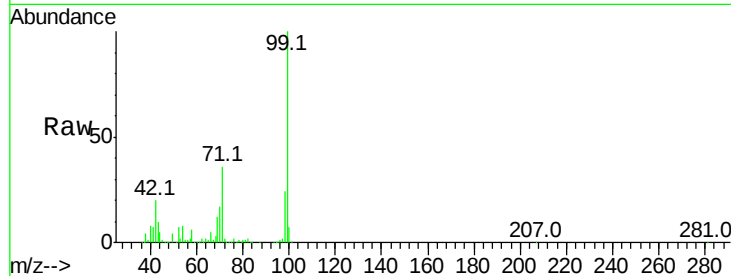
ClientSampleId :

PL-01-012418-D

Tot Ion:	99	Resp:	709006
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	36.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

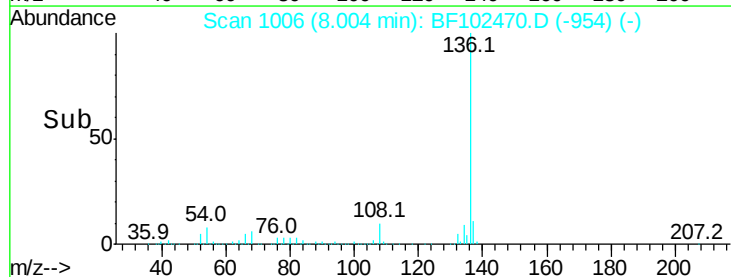
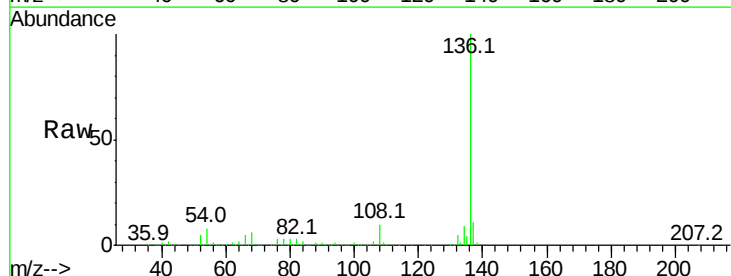
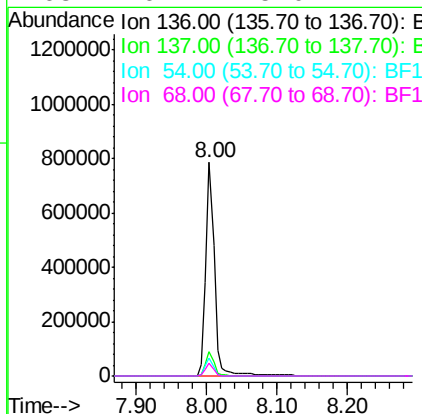
RT: 8.00 min Scan# 1006

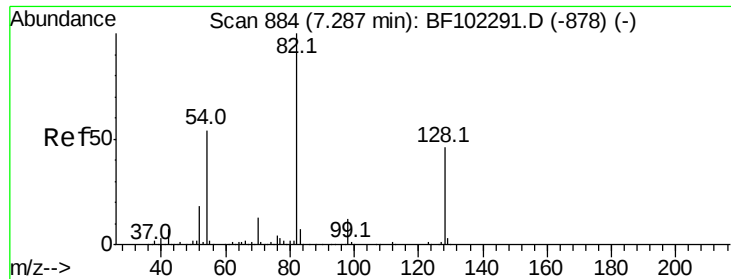
Delta R.T. 0.01 min

Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Tgt Ion:	136	Resp:	678469
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.1	5.0	7.4





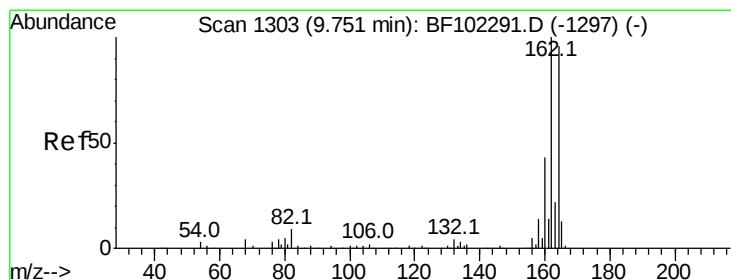
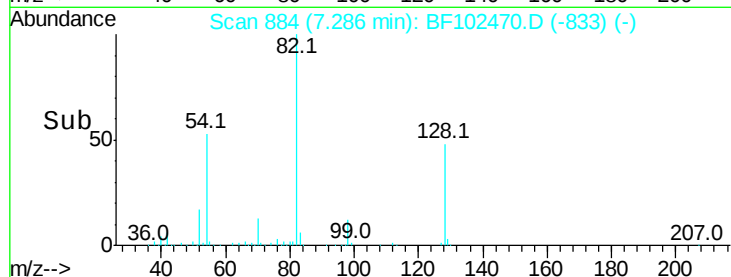
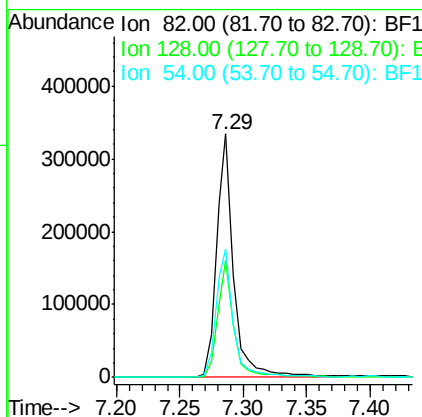
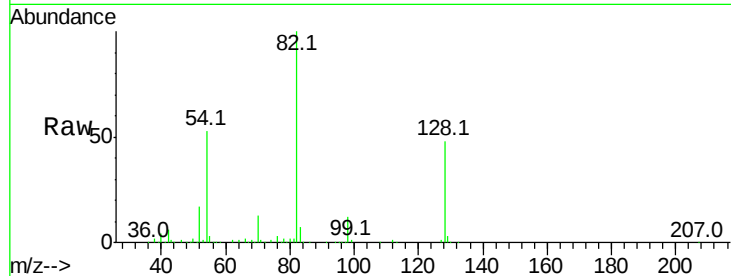
#23
 Nitrobenzene-d5
 Concen: 26.973 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102470.D
 Acq: 26 Jan 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	52.7	41.4	62.2

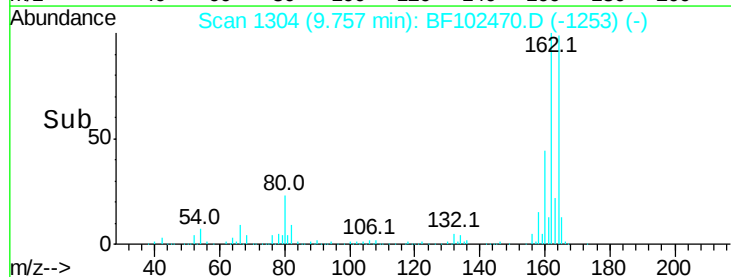
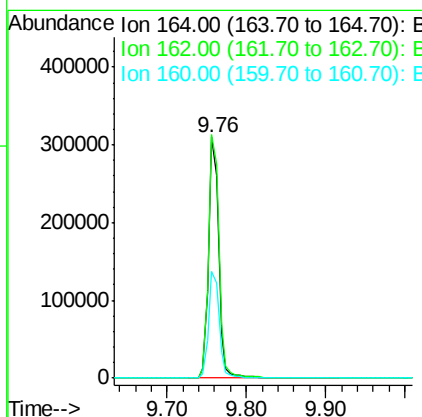
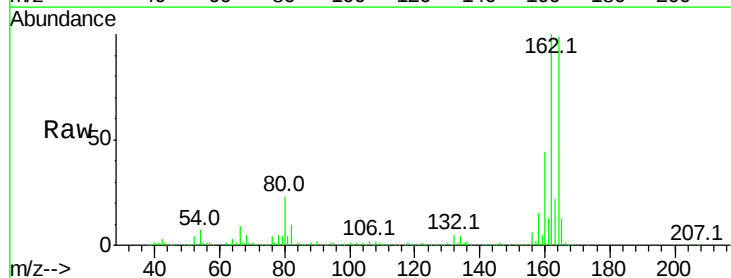
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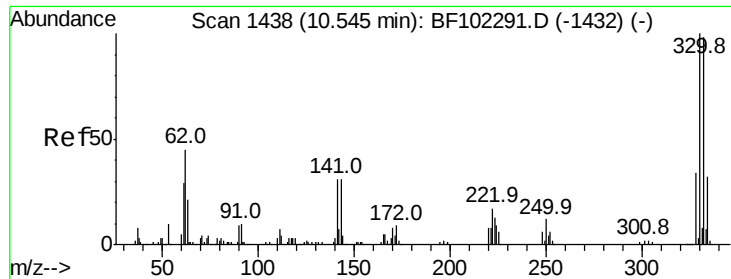
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102470.D
 Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	44.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 31.828 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Instrument :

BNA_F

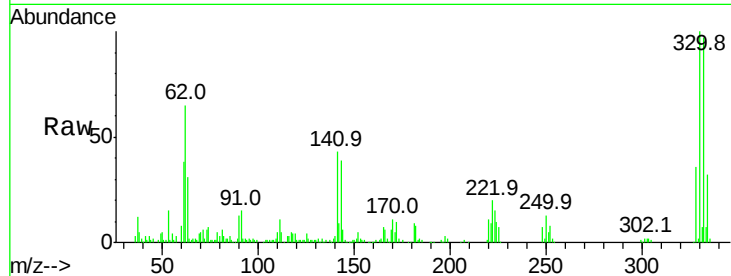
ClientSampleId :

PL-01-012418-D

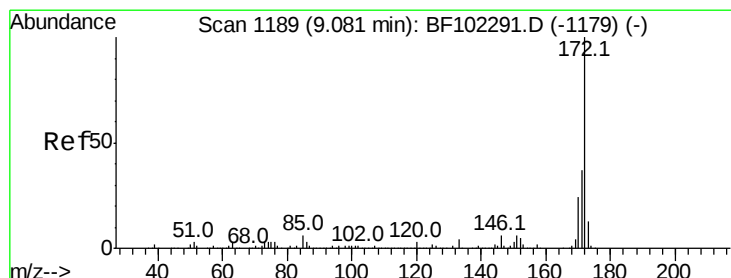
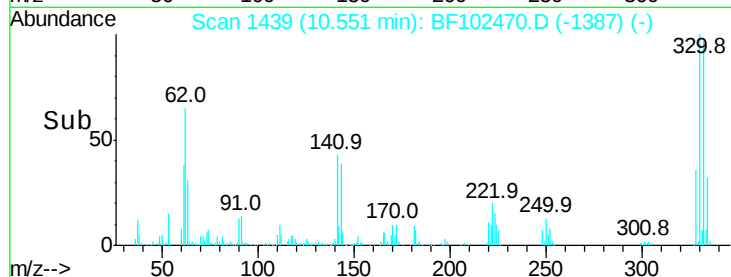
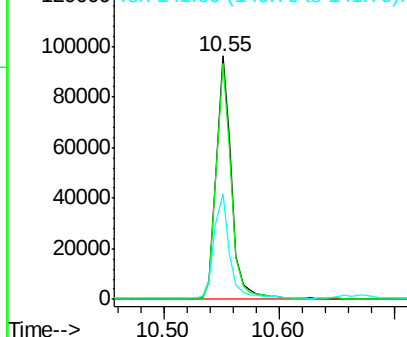
Tot Ion:	330	Resp:	88135
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.6
141	44.2	29.9	44.9

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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



#44

2-Fluorobiphenyl

Concen: 36.059 ng

RT: 9.08 min Scan# 1189

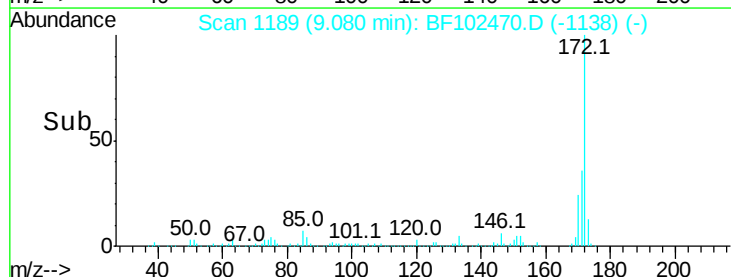
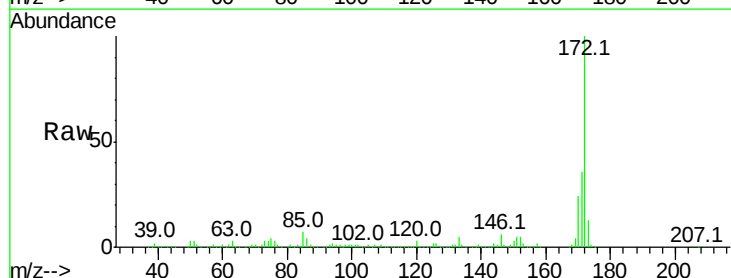
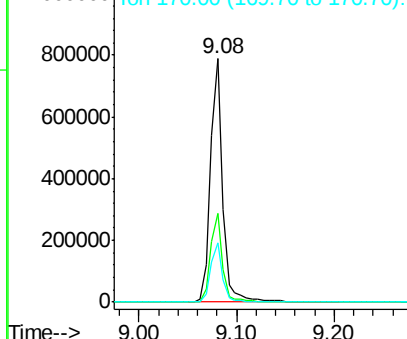
Delta R.T. -0.00 min

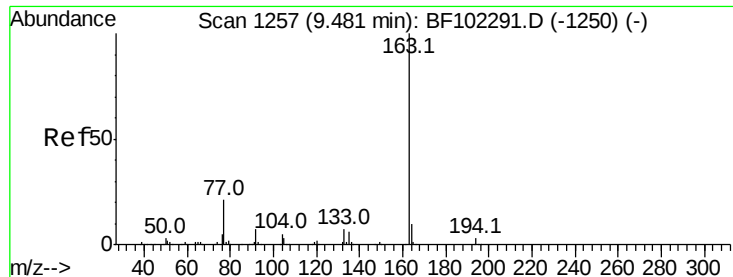
Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Tgt Ion:	172	Resp:	685356
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

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





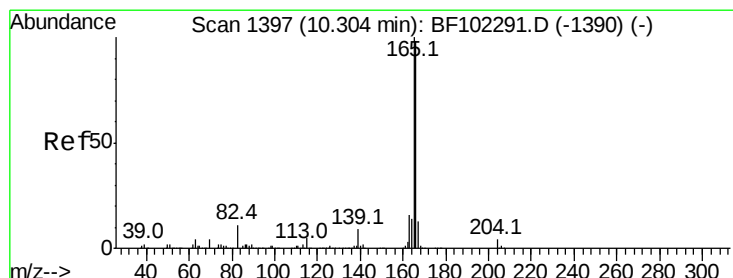
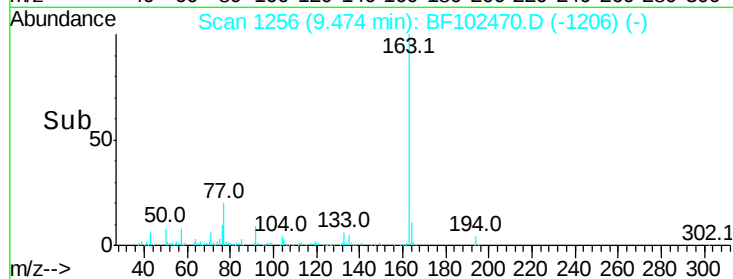
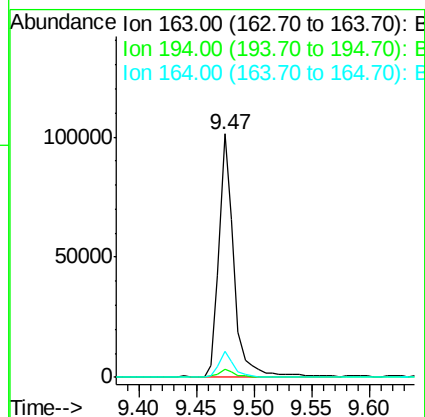
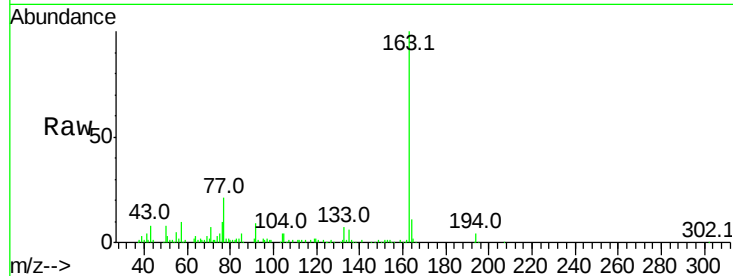
#49
Dimethylphthalate
Concen: 3.983 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.5	8.2	12.2	

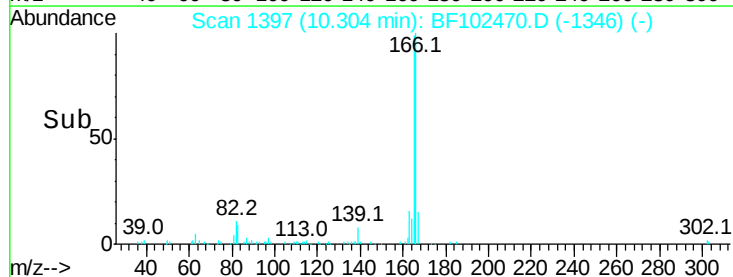
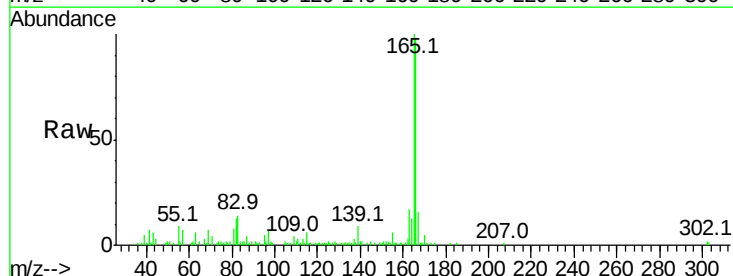
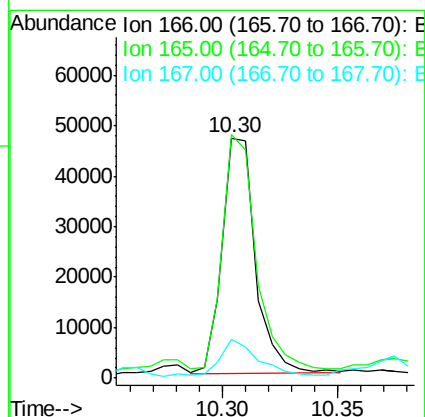
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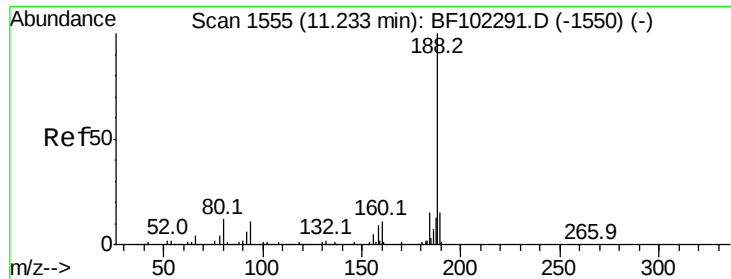
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#57
Fluorene
Concen: 2.470 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.6	79.8	119.8	
167	16.4	10.6	16.0	





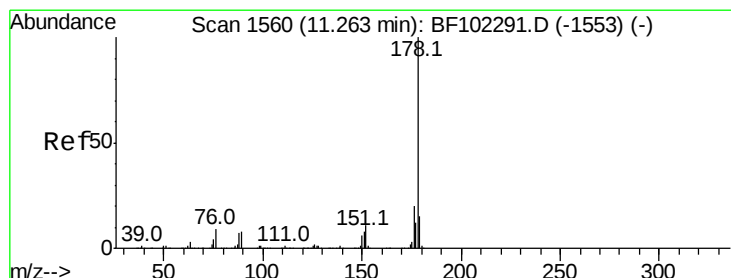
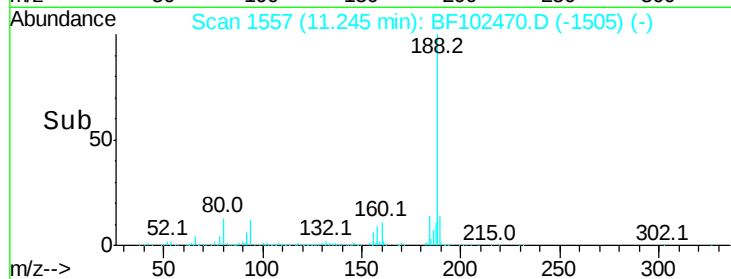
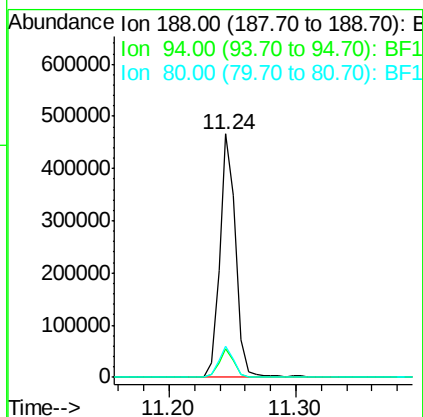
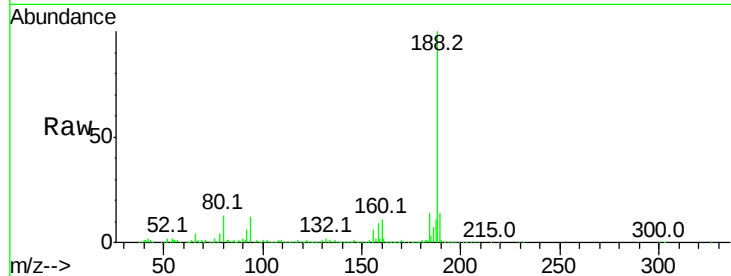
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.8	8.5	12.7	
80	12.6	9.2	13.8	

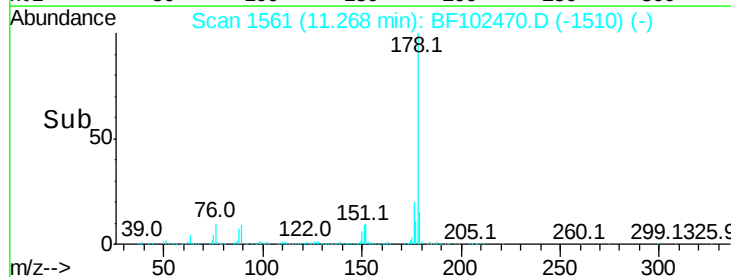
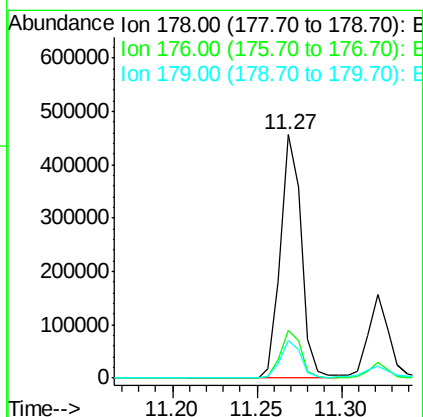
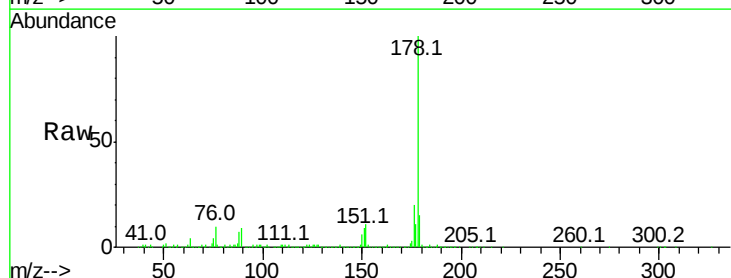
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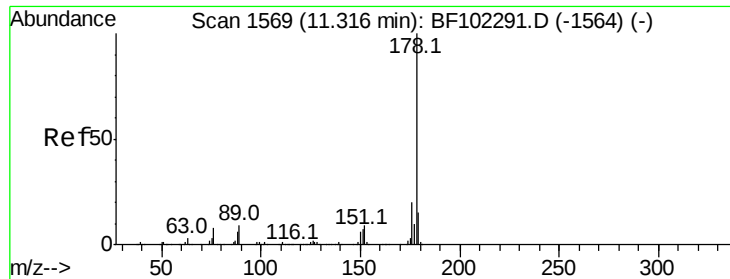
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#70
Phenanthrene
Concen: 16.434 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	15.2	13.0	19.6	





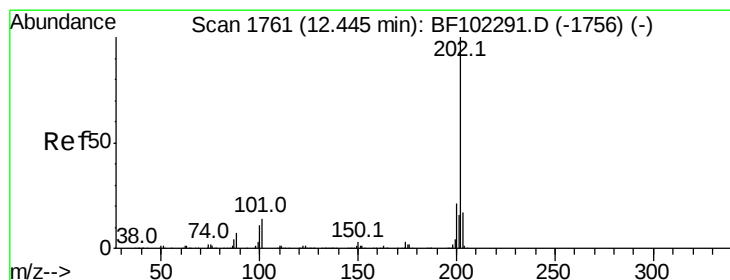
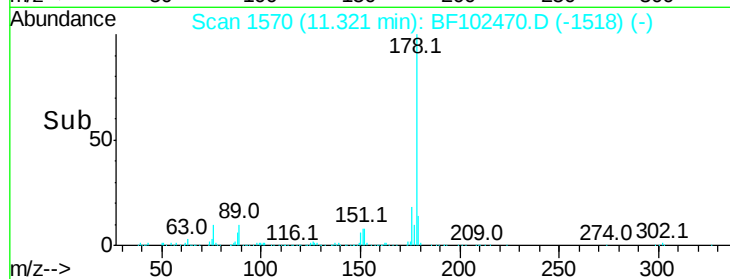
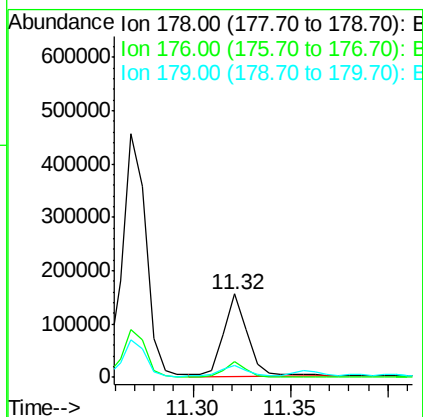
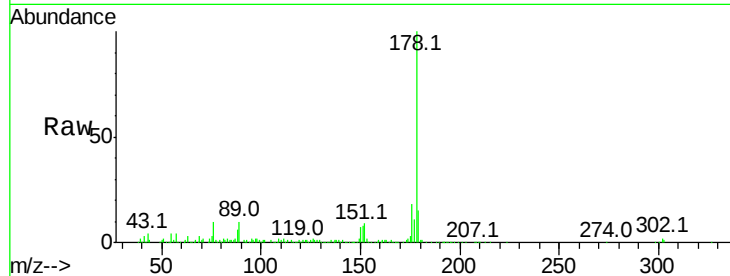
#71
 Anthracene
 Concen: 5.500 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF102470.D
 Acq: 26 Jan 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.7	12.6	19.0

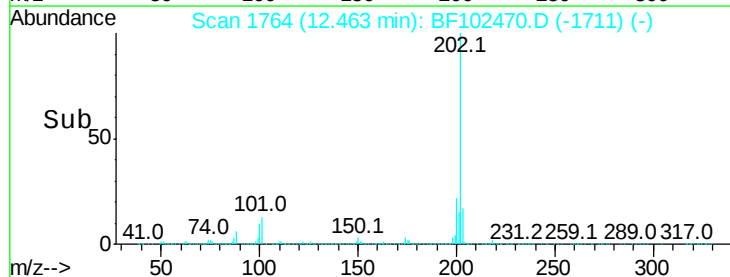
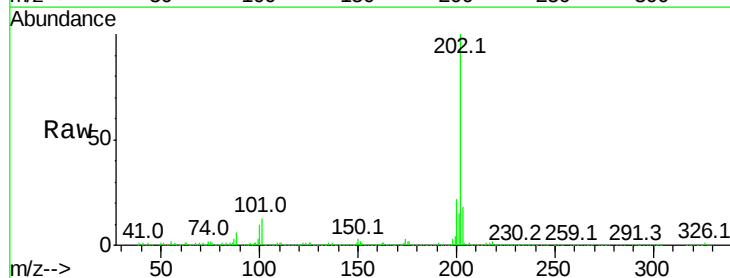
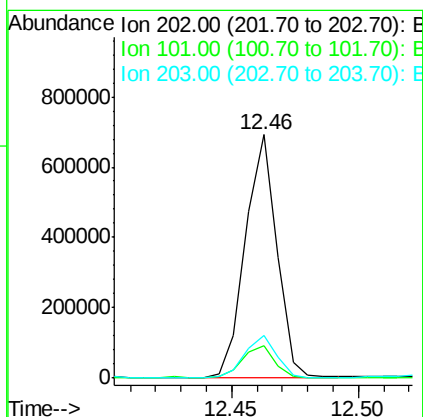
Manual Integrations
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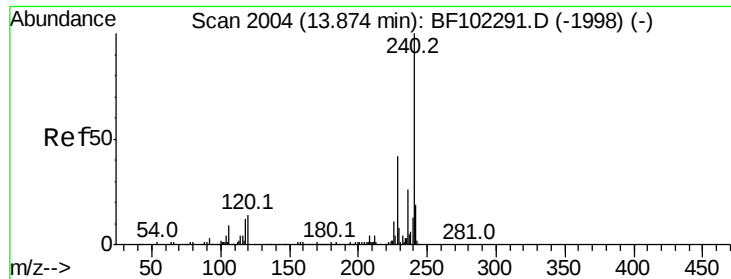
Sohil
 1/27/2018 1:46:50 PM



#74
 Fluoranthene
 Concen: 24.715 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF102470.D
 Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1





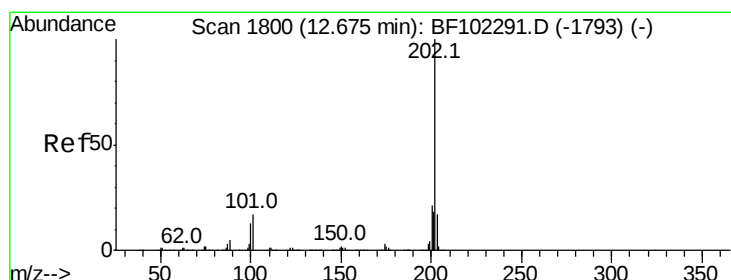
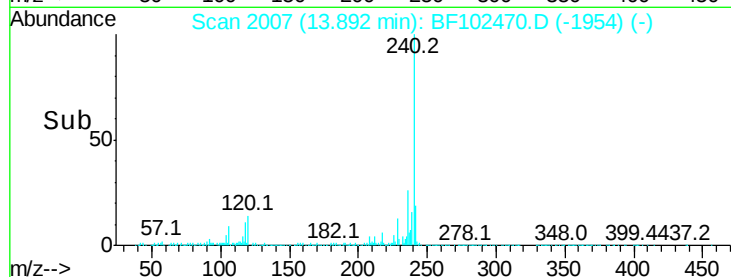
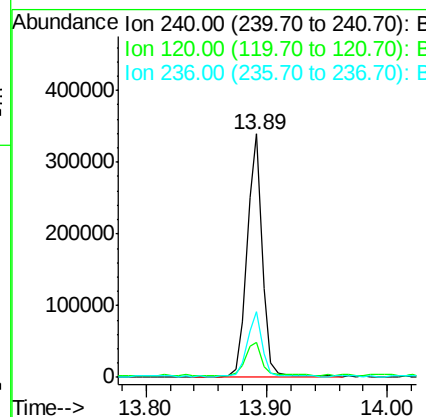
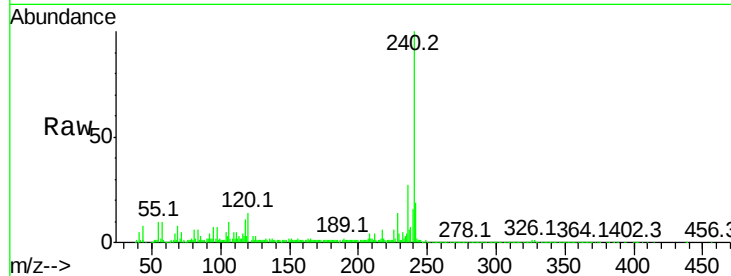
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.8	20.7	31.1

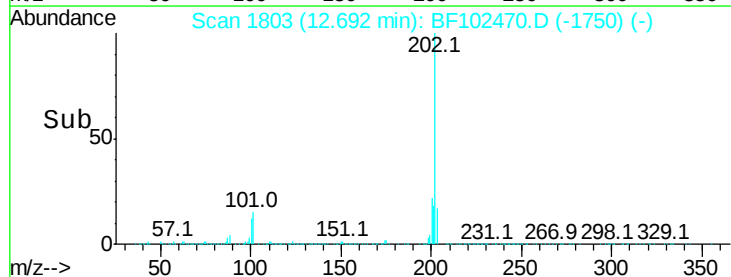
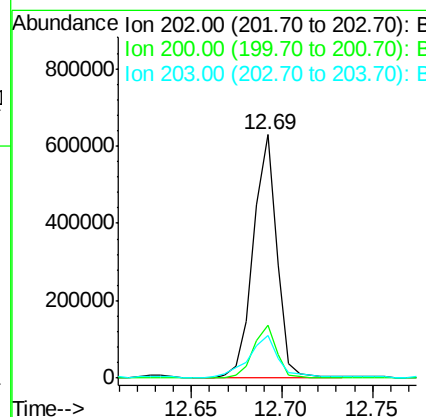
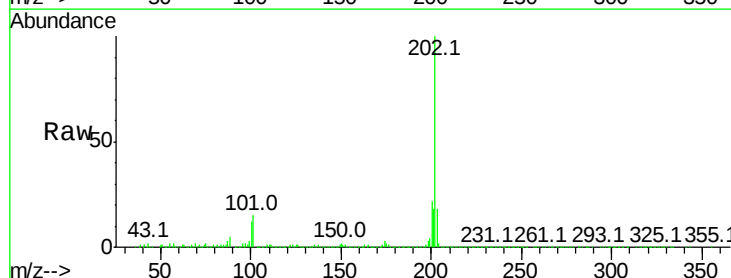
Manual Integrations
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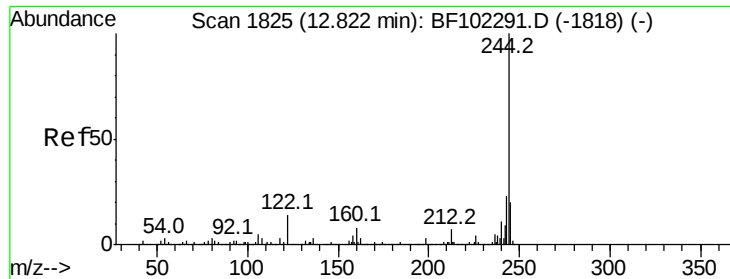
Sohil
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#77
Pyrene
Concen: 24.883 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 34.761 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Instrument :

BNA_F

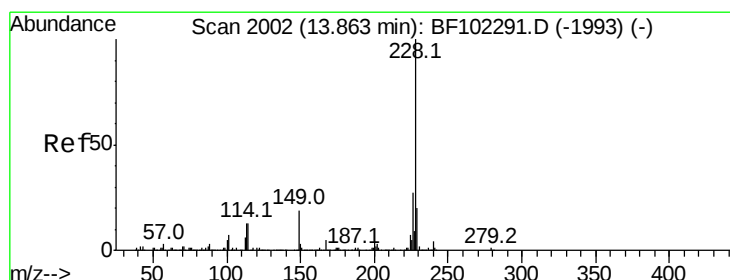
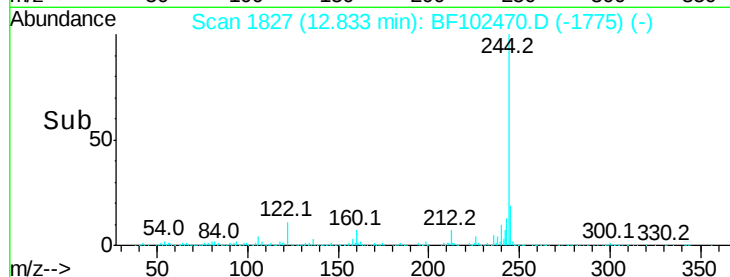
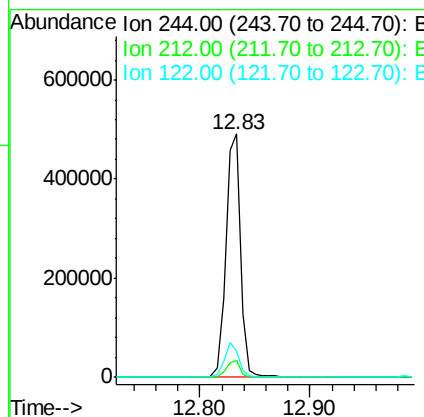
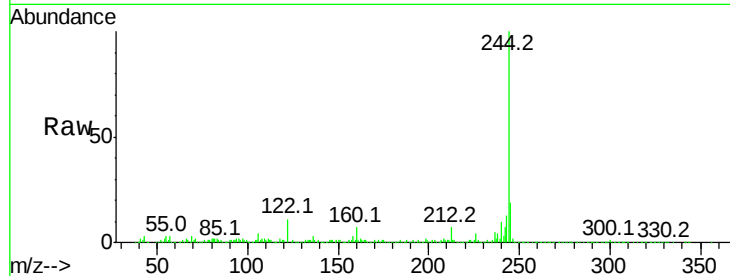
ClientSampleId :

PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.9	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 15.024 ng

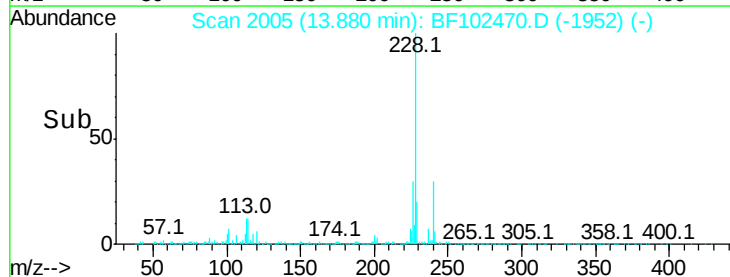
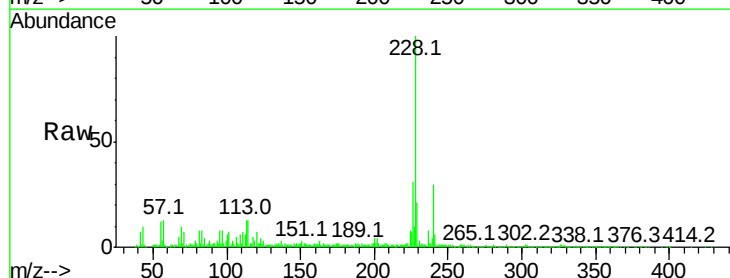
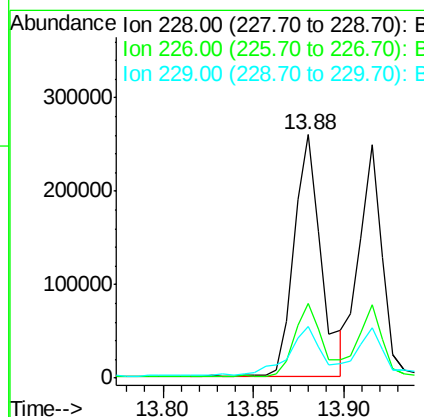
RT: 13.88 min Scan# 2005

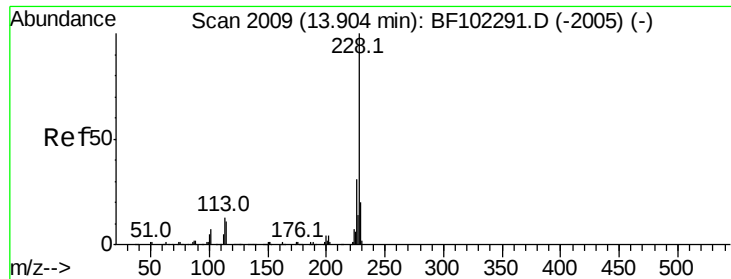
Delta R.T. 0.01 min

Lab File: BF102470.D

Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	21.1	15.8	23.6





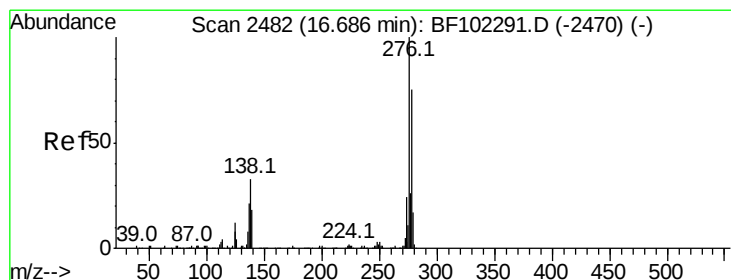
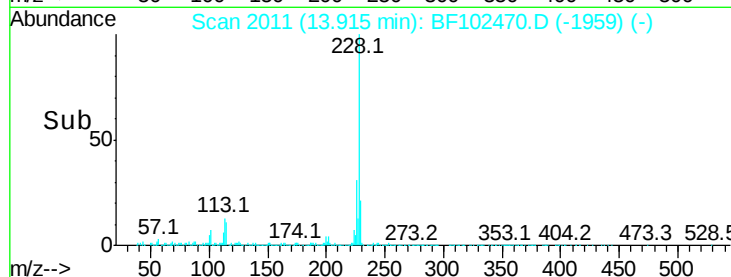
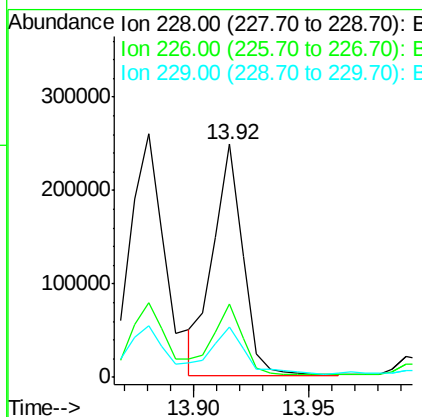
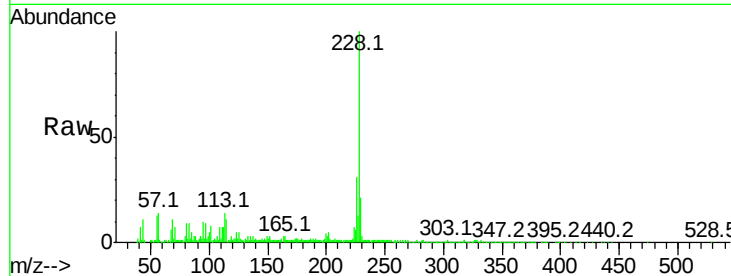
#82
Chrysene
Concen: 12.087 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.5	16.2	24.4

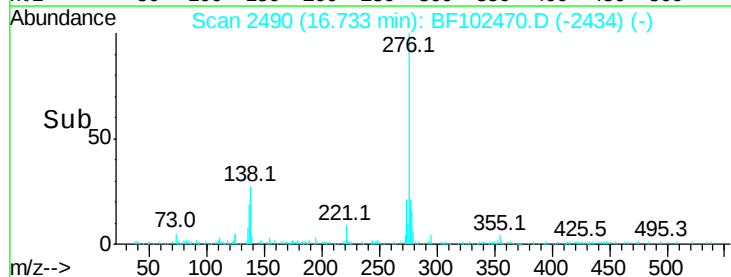
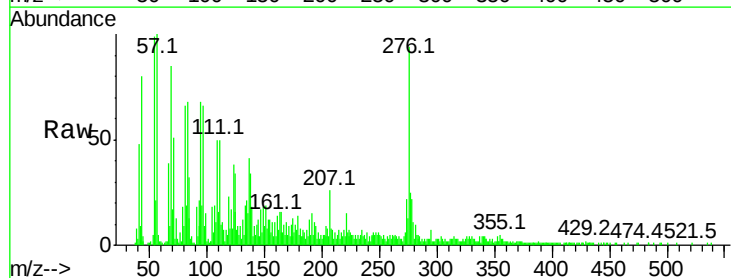
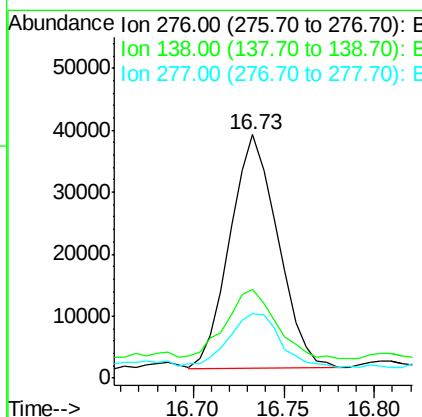
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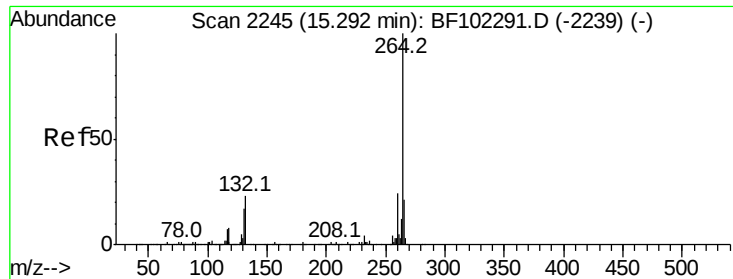
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.581 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.03 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.0	37.6
277	25.5	20.1	30.1





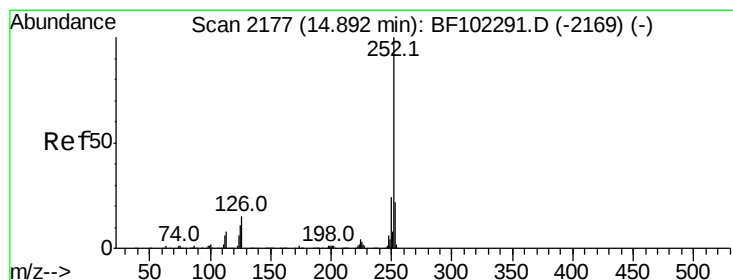
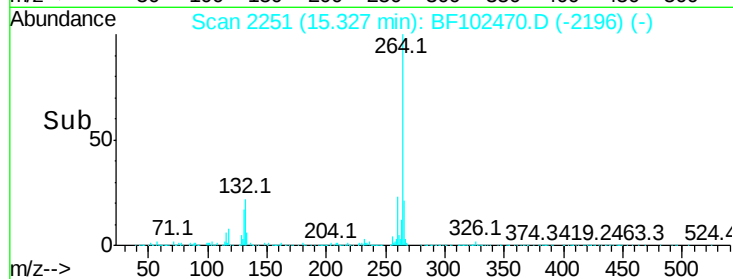
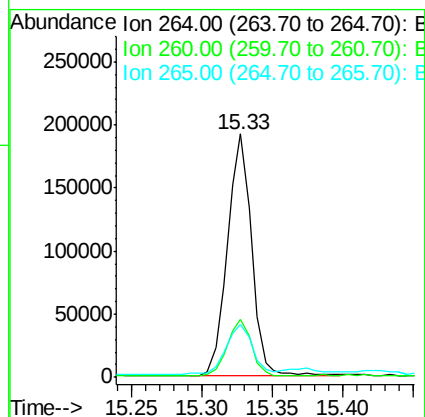
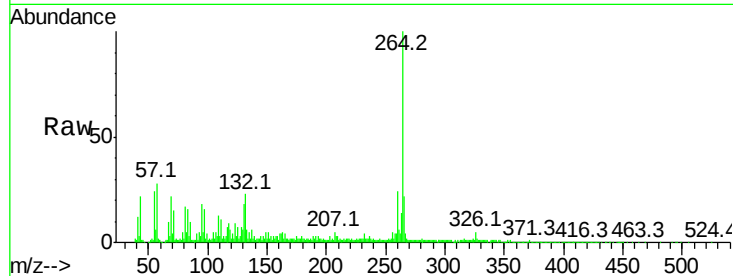
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

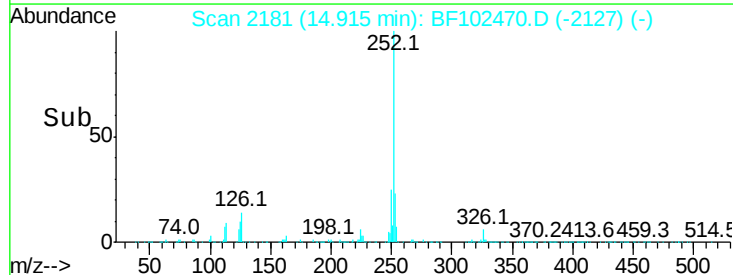
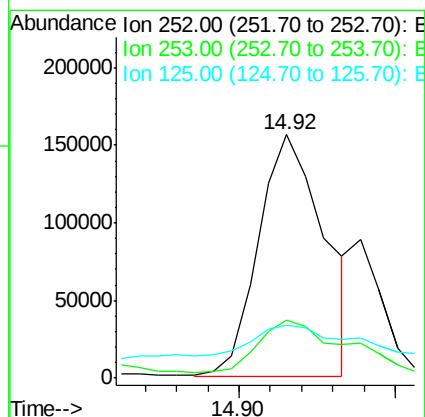
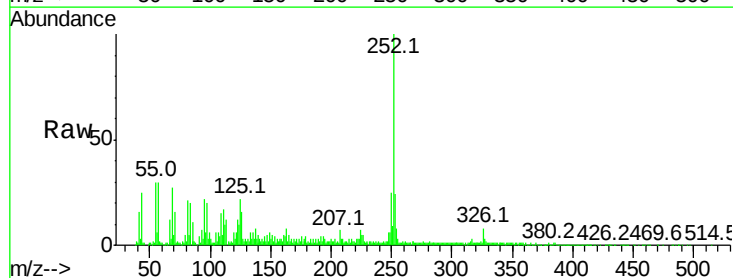
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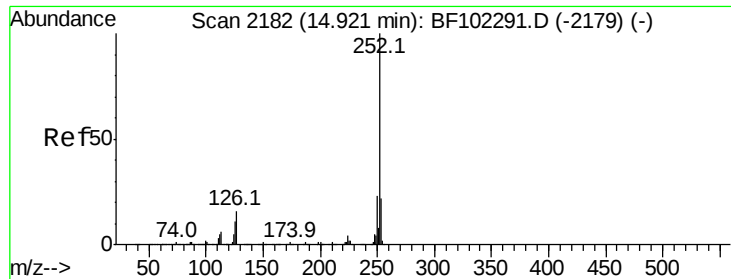
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#87
Benzo(b)fluoranthene
Concen: 15.768 ng m
RT: 14.92 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	21.6	9.0	13.6





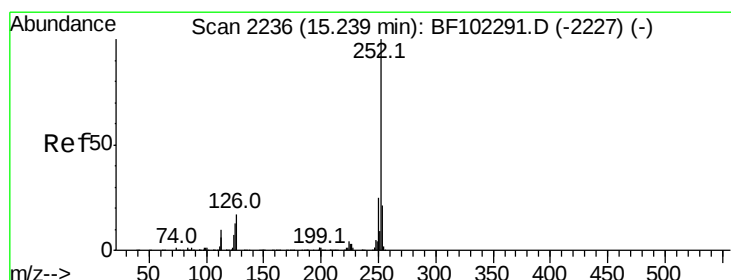
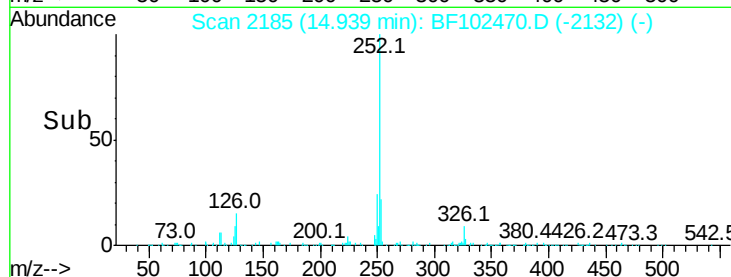
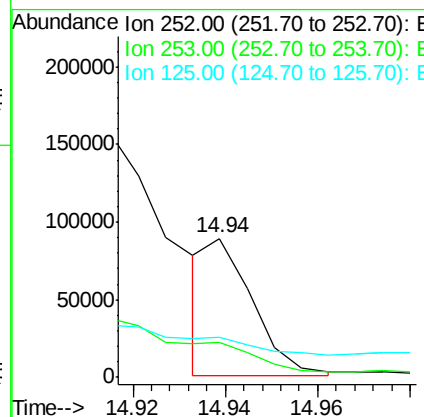
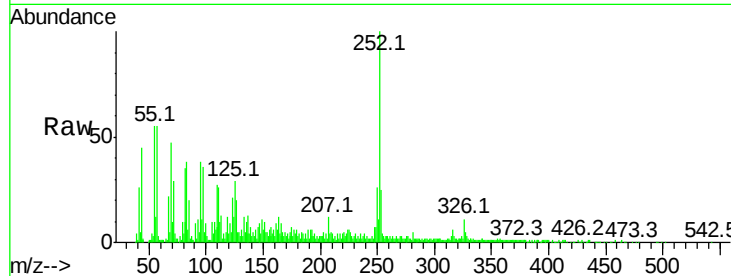
#88
Benzo(k)fluoranthene
Concen: 4.364 ng m
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Instrument :
BNA_F
ClientSampleId :
PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	28.9	10.2	15.2#

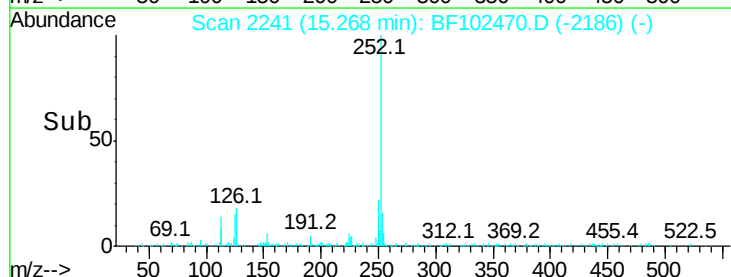
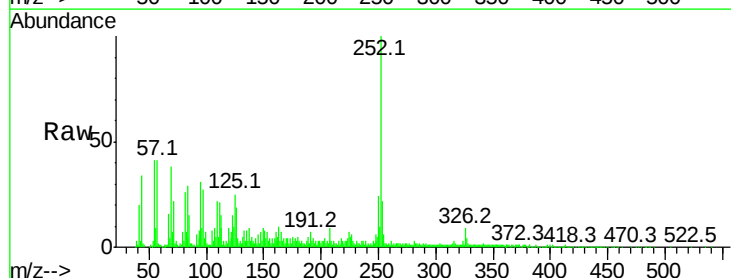
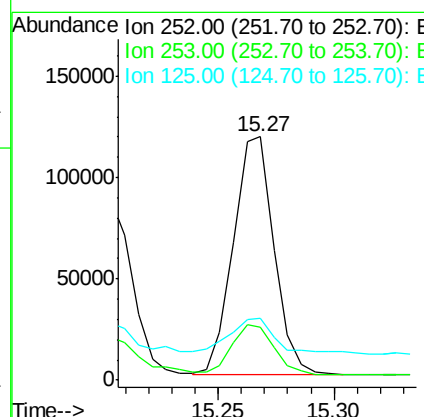
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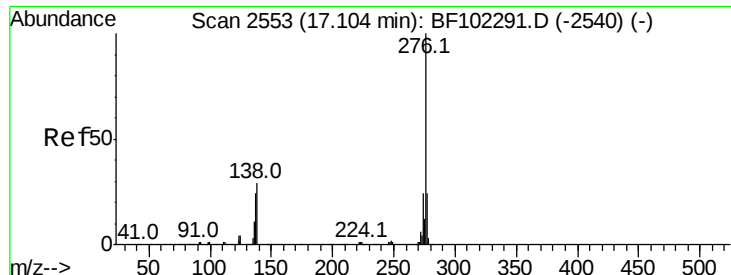
Sohil
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#89
Benzo(a)pyrene
Concen: 10.987 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102470.D
Acq: 26 Jan 2018 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	25.3	9.8	14.6#





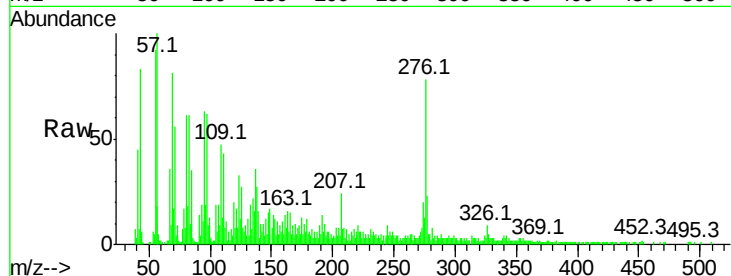
#91
 Benzo(a,h,i)perylene
 Concen: 6.110 ng
 RT: 17.16 min Scan# 2563
 Delta R.T. 0.04 min
 Lab File: BF102470.D
 Acq: 26 Jan 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-012418-D

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.4	17.9	26.9#
138	34.4	21.8	32.8#

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

