

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110279.D
 Acq On : 29 Oct 2018 23:06
 Operator : JU/SJ
 Sample : J5685-08 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-32

Manual Integrations
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Sohil
 10/30/2018 3:04:22 PM

Quant Time: Oct 30 08:34:58 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	108284	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	430767	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	176534	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	269892	20.00	ng	0.00
76) Chrysene-d12	14.16	240	201455	20.00	ng	0.00
87) Perylene-d12	15.69	264	147149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	149277	22.45	ng	0.00
7) Phenol-d6	6.58	99	186730	21.95	ng	-0.01
23) Nitrobenzene-d5	7.53	82	108156	14.89	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	29891	17.09	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	221121	19.67	ng	0.00
79) Terphenyl-d14	13.09	244	152901	15.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.72	163	35277	2.707	ng	97
71) Phenanthrene	11.53	178	121350	8.593	ng	98
75) Fluoranthene	12.72	202	275034	19.190	ng	99
78) Pyrene	12.96	202	234895	16.264	ng	98
81) Benzo(a)anthracene	14.14	228	118561	9.924	ng	99
83) Chrysene	14.18	228	125387	11.050	ng	98
84) Bis(2-ethylhexyl)phthalate	14.11	149	42469	5.012	ng	96
86) Indeno(1,2,3-cd)pyrene	17.25	276	55057	5.849	ng	97
88) Benzo(b)fluoranthene	15.23	252	138916m	16.348	ng	
89) Benzo(k)fluoranthene	15.26	252	48355m	5.788	ng	
90) Benzo(a)pyrene	15.62	252	88721	11.347	ng	98
91) Dibenzo(a,h)anthracene	17.26	278	13574	2.012	ng	# 88
92) Benzo(a,h,i)perylene	17.73	276	56450	8.491	ng	96

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

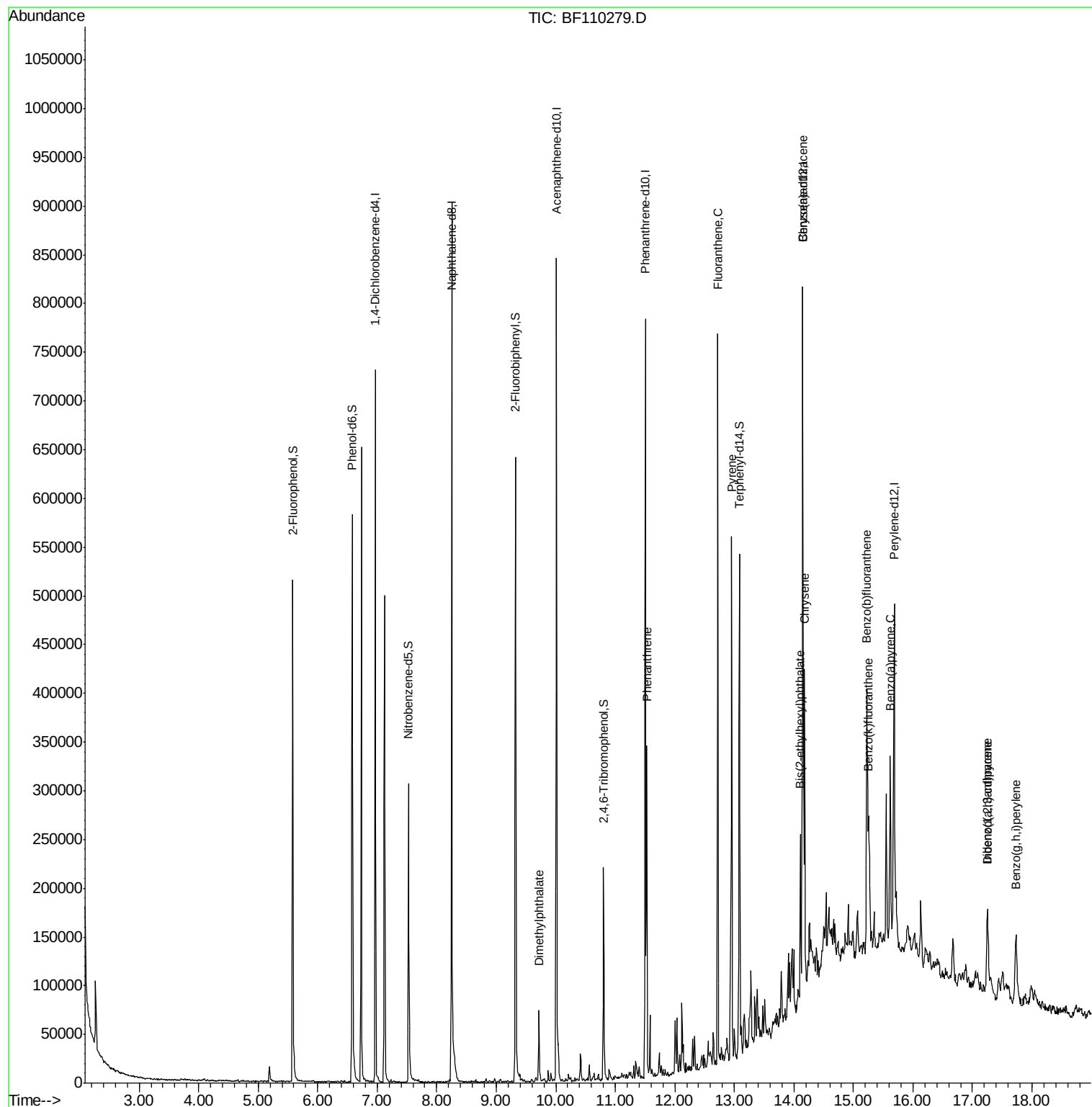
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110279.D
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Operator : JU/SJ
Sample : J5685-08 5X
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ALS Vial : 29 Sample Multiplier: 1

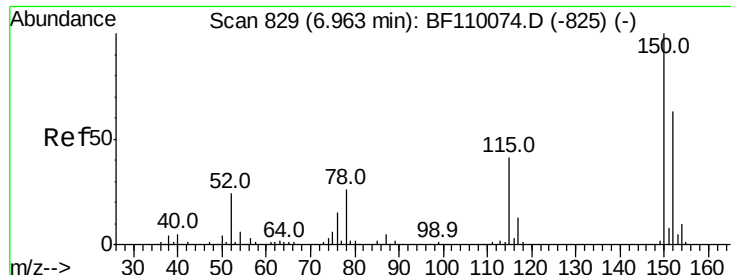
Instrument :
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Quant Time: Oct 30 08:34:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

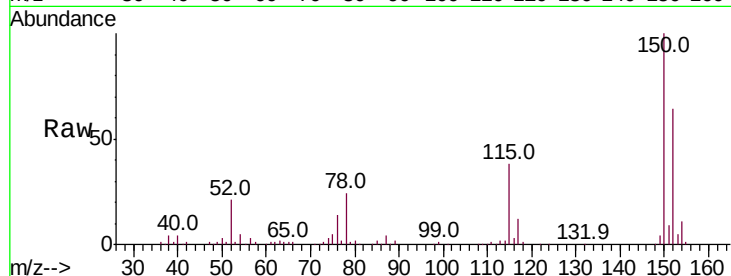
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-32

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	60.3	49.1	73.7

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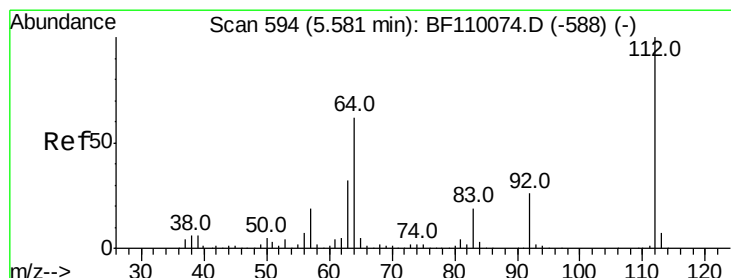
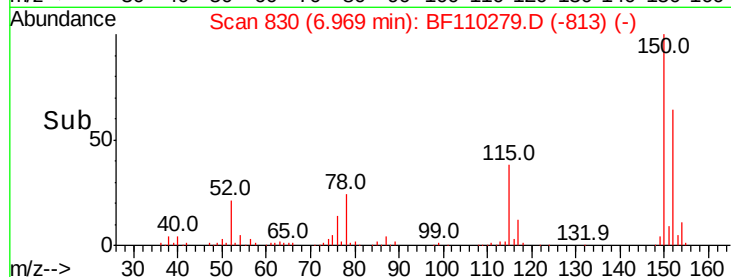
Abundance

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

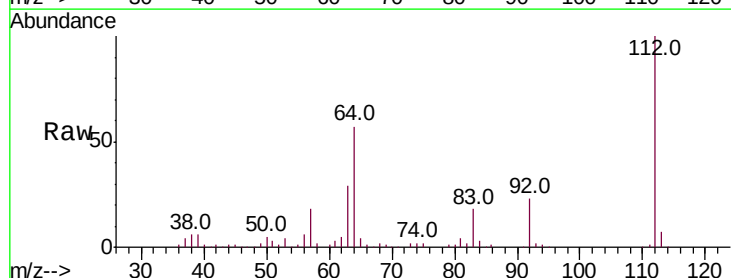
Time-->



#5

2-Fluorophenol
Concen: 22.449 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	29.1	23.7	35.5



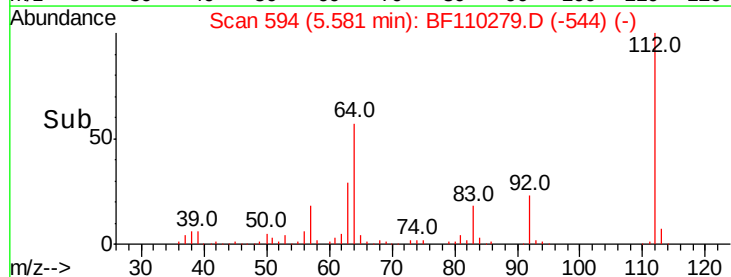
Abundance

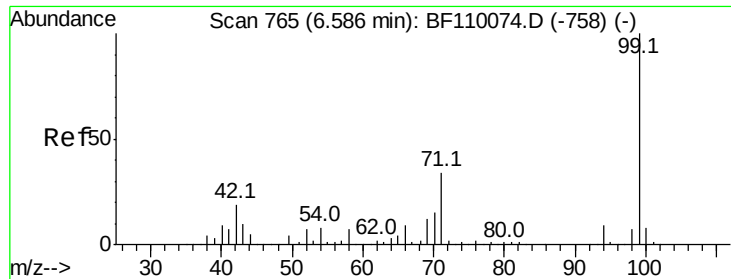
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 21.955 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Instrument :

BNA_F

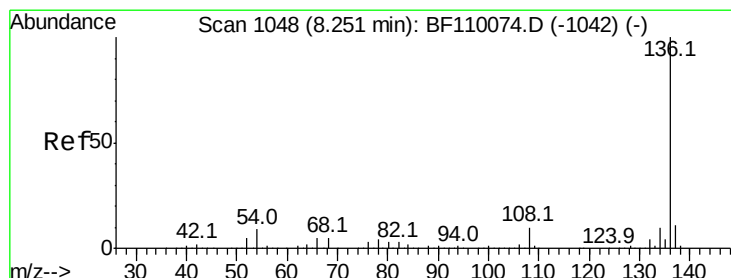
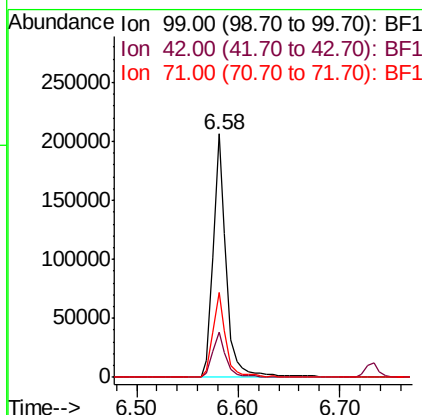
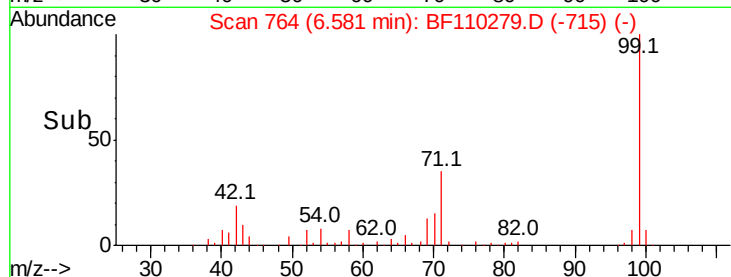
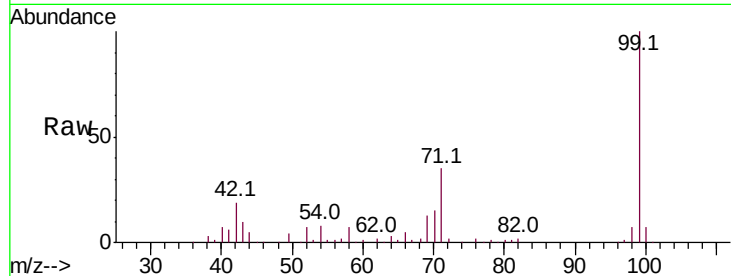
ClientSampleId :

DOCUMENTATION-32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		186730		
42	18.8	15.8	23.6		
71	34.8	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

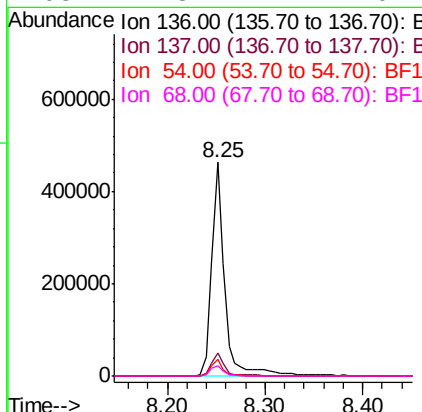
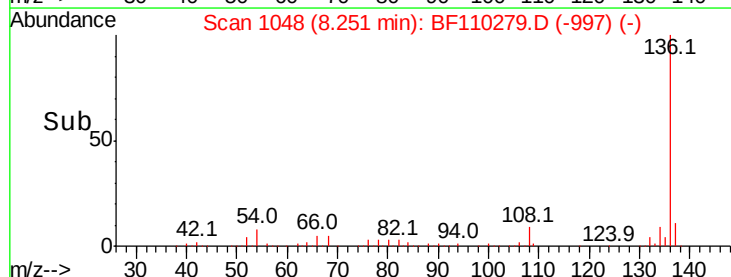
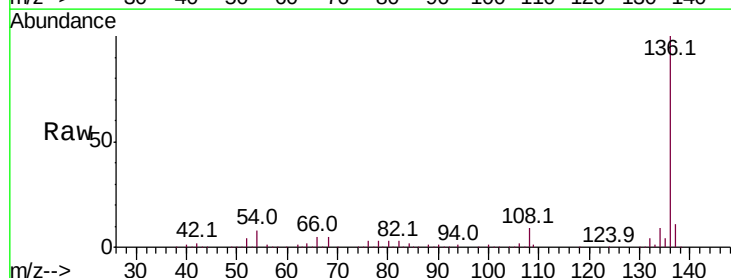
RT: 8.25 min Scan# 1048

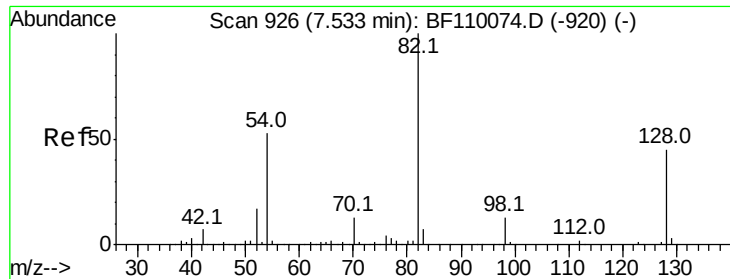
Delta R.T. 0.00 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		430767		
137	10.6	8.8	13.2		
54	7.6	5.4	8.2		
68	4.8	4.2	6.2		





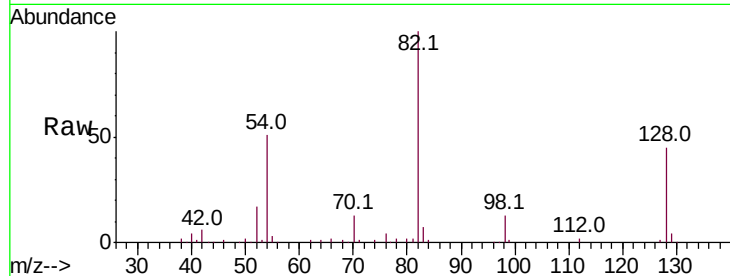
#23
 Nitrobenzene-d5
 Concen: 14.892 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110279.D
 Acq: 29 Oct 2018 23:06

Instrument :
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 ClientSampleId :
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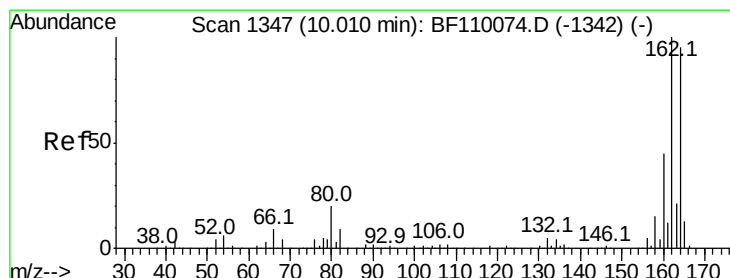
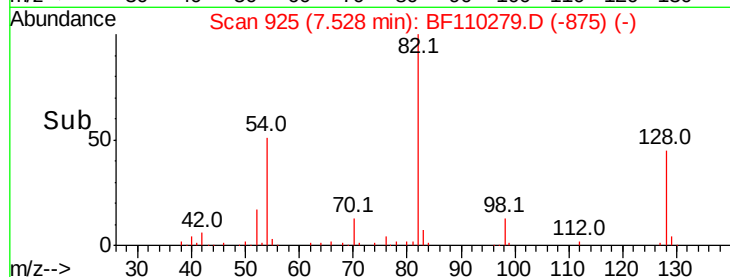
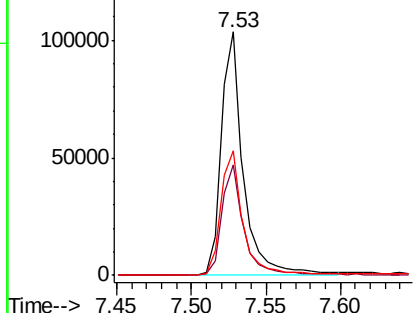
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	51.4	38.6	58.0

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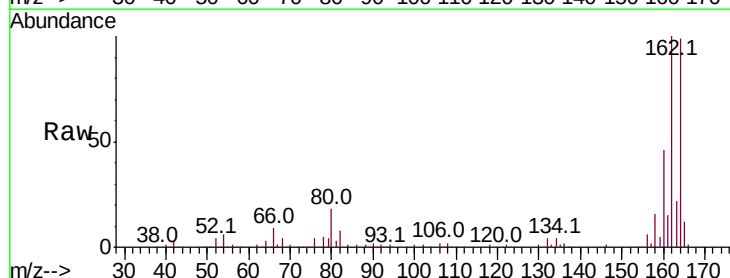


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

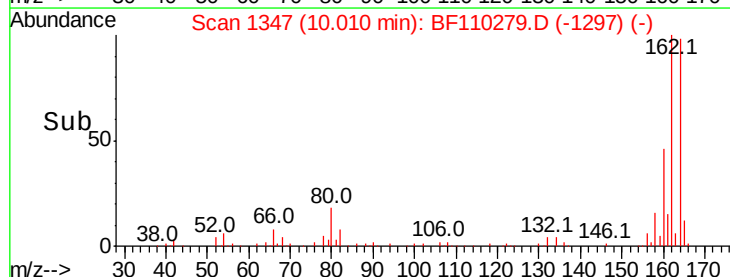
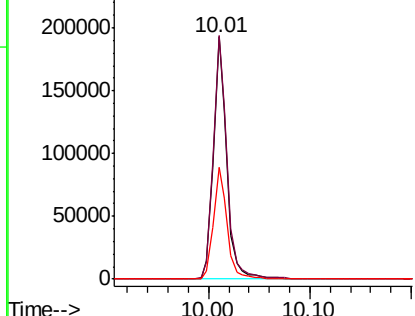


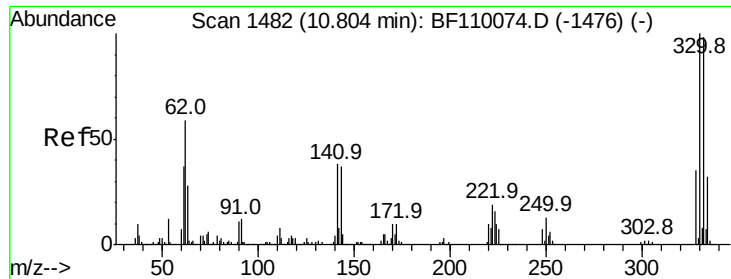
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF110279.D
 Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.6
160	46.1	37.0	55.6



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: 17.093 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Instrument :

BNA_F

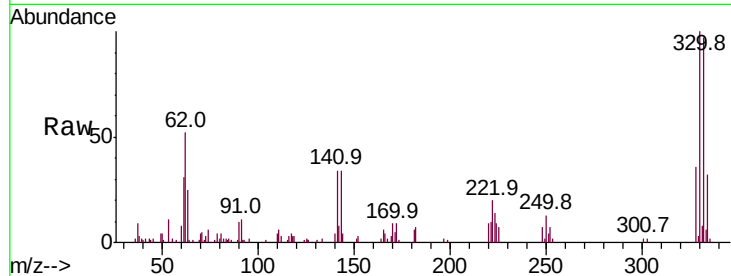
ClientSampleId :

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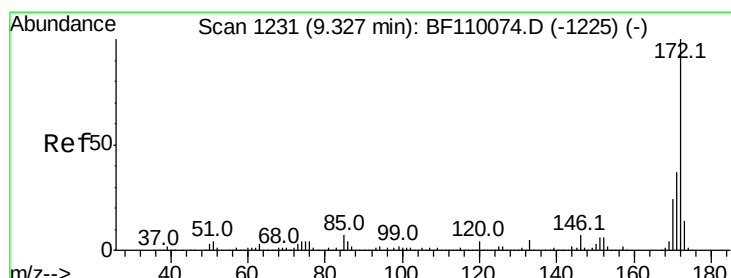
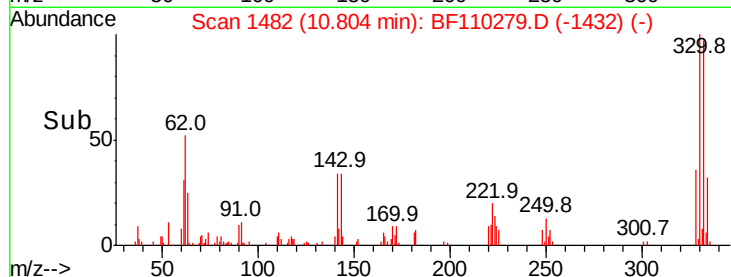
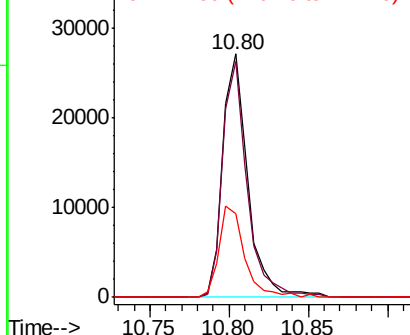
Tot Ion:	330	Resp:	29891
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.1	115.7
141	38.3	27.0	40.4

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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



#45

2-Fluorobiphenyl

Concen: 19.669 ng

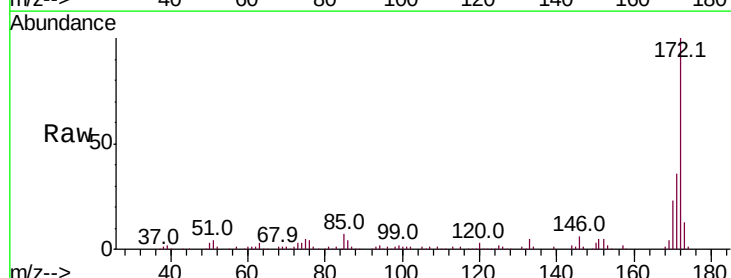
RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

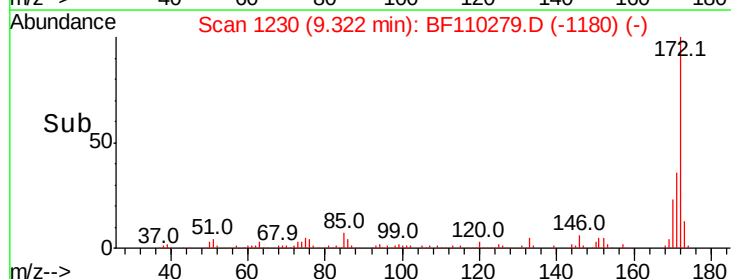
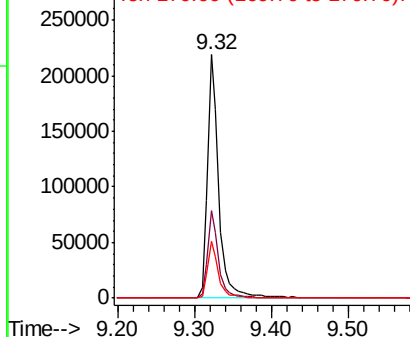
Lab File: BF110279.D

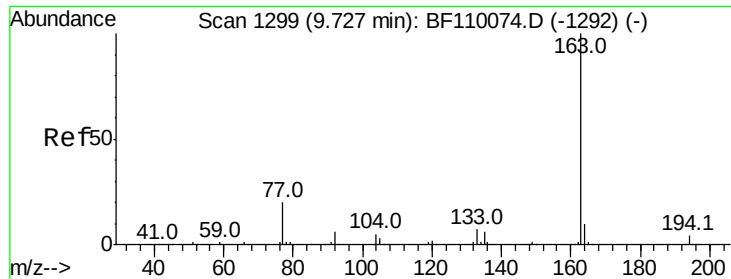
Acq: 29 Oct 2018 23:06

Tgt Ion:	172	Resp:	221121
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	23.4	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





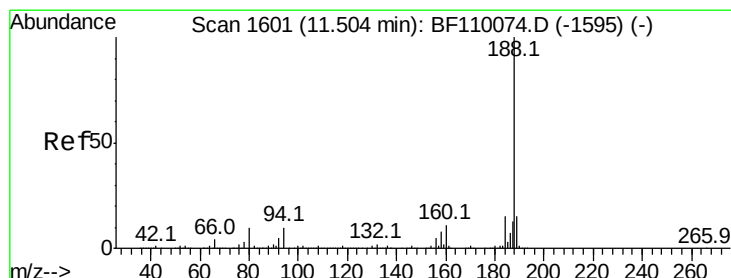
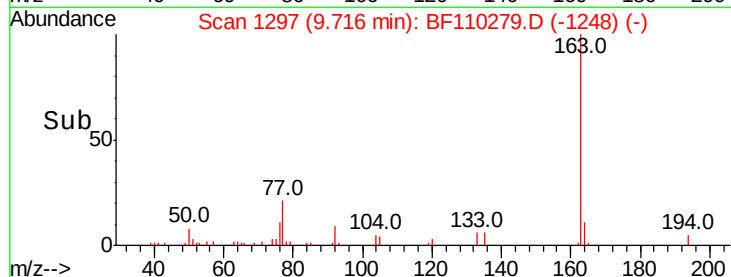
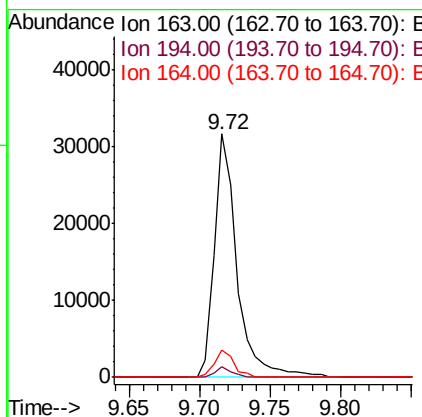
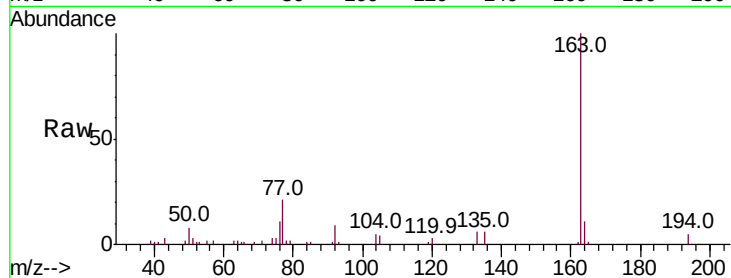
#50
Dimethylphthalate
Concen: 2.707 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	163	Resp:	35277
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.2	4.8
164	11.4	8.1	12.1

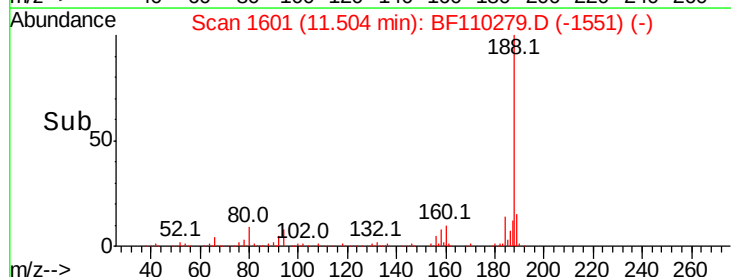
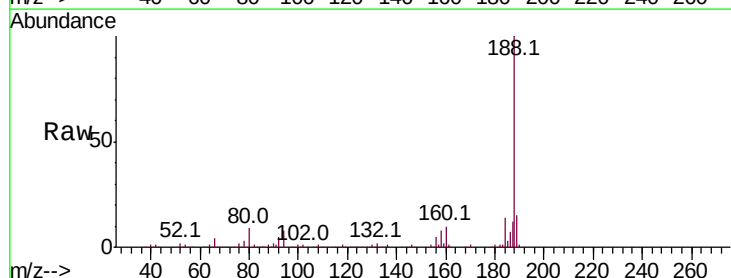
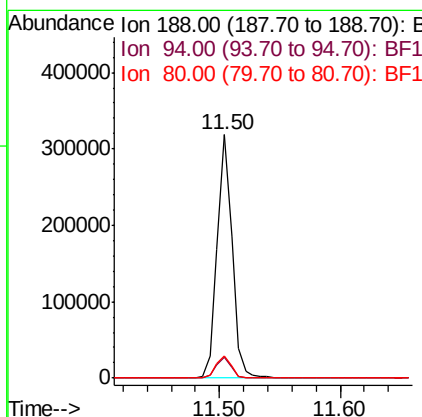
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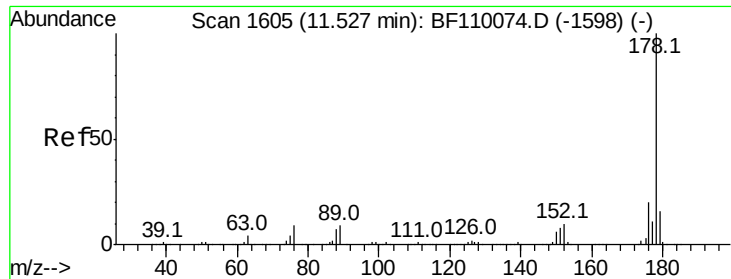
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:	188	Resp:	269892
Ion Ratio	Lower	Upper	
188	100		
94	8.3	7.2	10.8
80	9.0	7.9	11.9





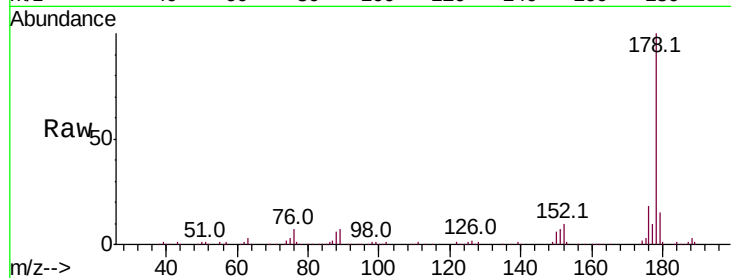
#71
Phenanthrene
Concen: 8.593 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.5	12.5	18.7

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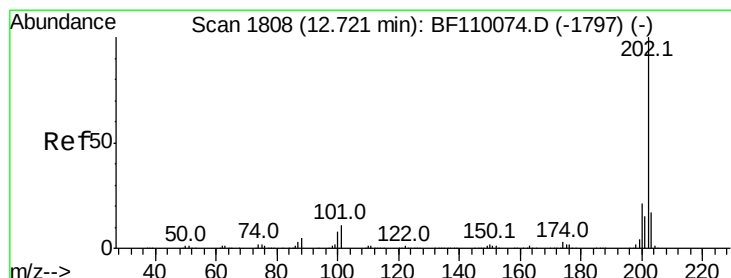
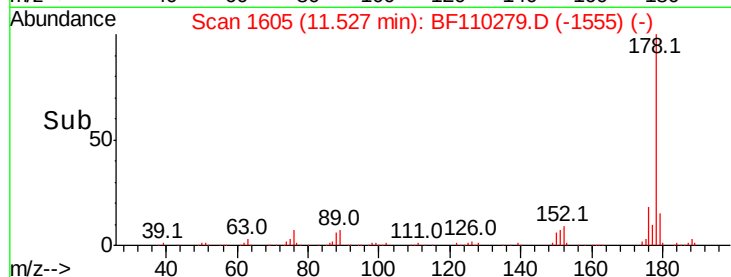
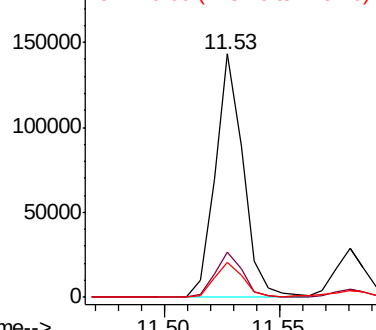


Abundance

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: 19.190 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

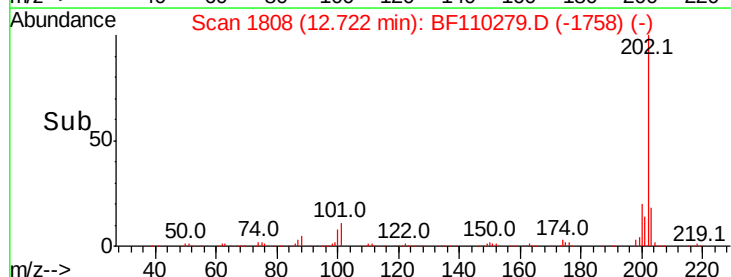
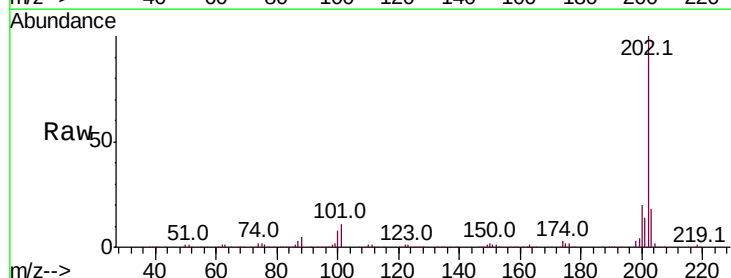
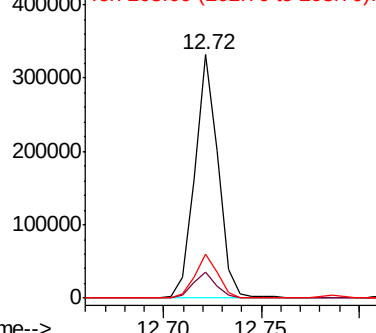
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	18.1	0.0	37.7

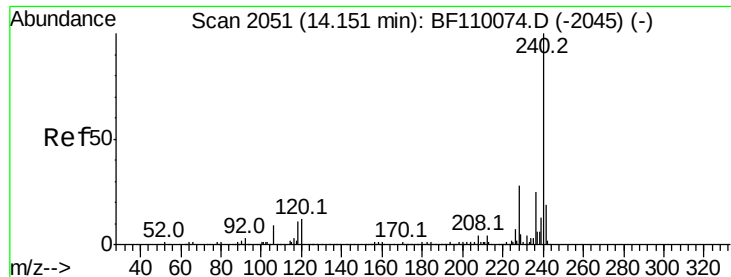
Abundance

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





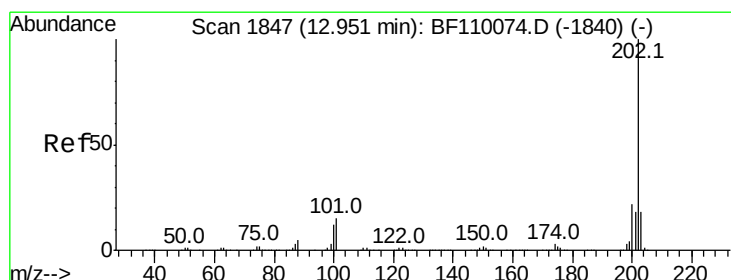
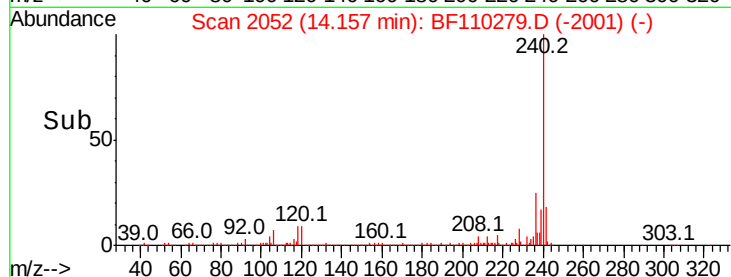
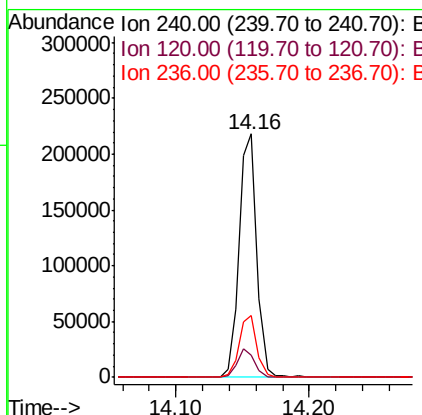
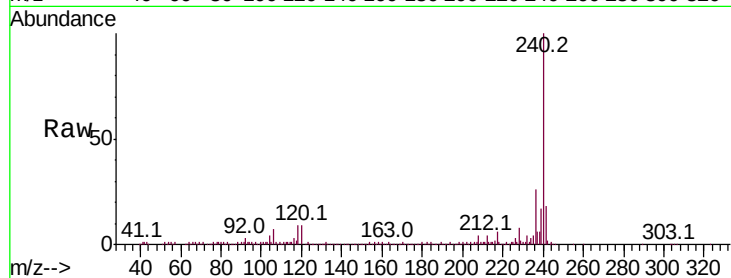
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.5	21.2	31.8

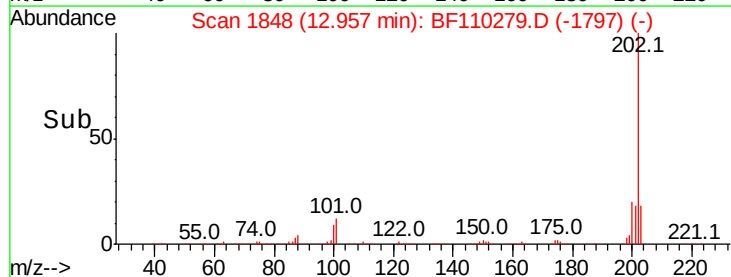
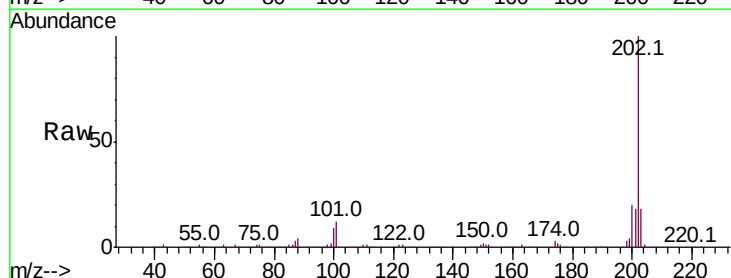
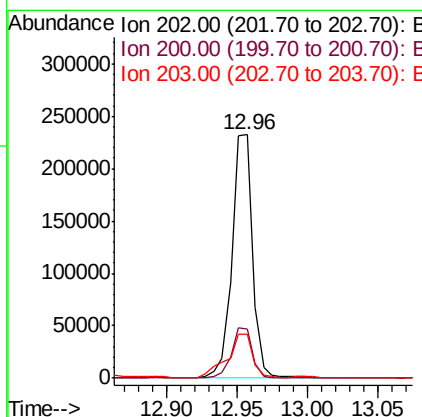
Manual Integrations
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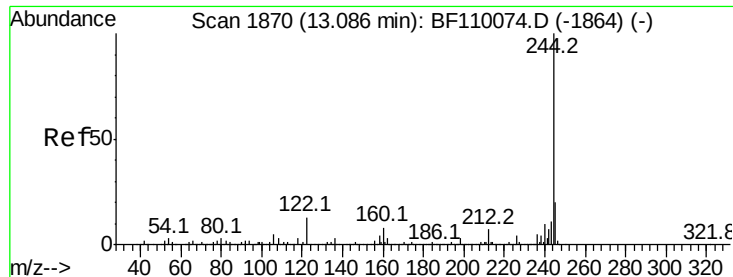
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#78
Pyrene
Concen: 16.264 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.9	14.2	21.4





#79

Terphenyl-d14

Concen: 15.785 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Instrument :

BNA_F

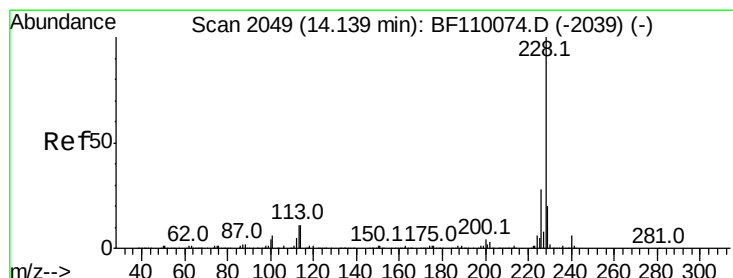
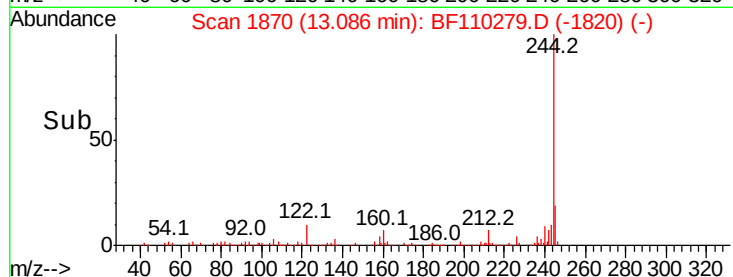
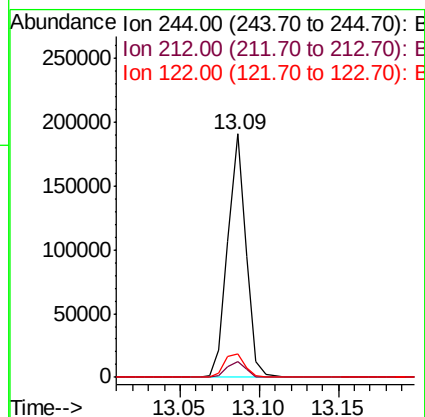
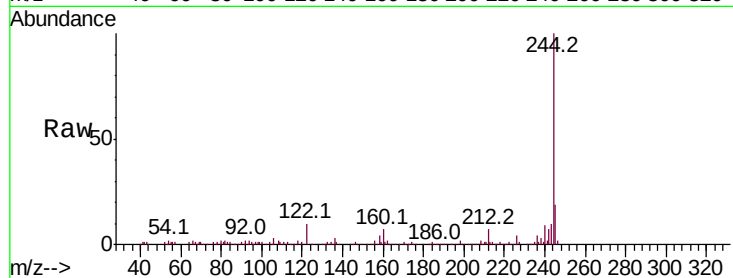
ClientSampleId :

DOCUMENTATION-32

Tot Ion:	244	Resp:	152901
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.8	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 9.924 ng

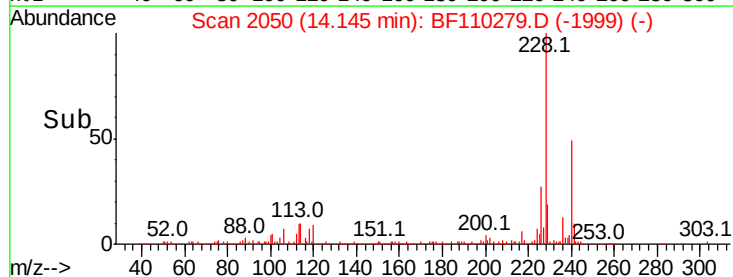
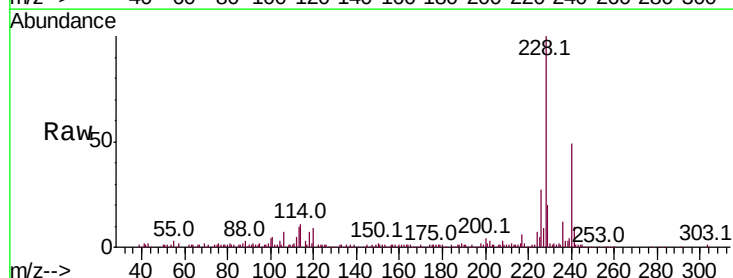
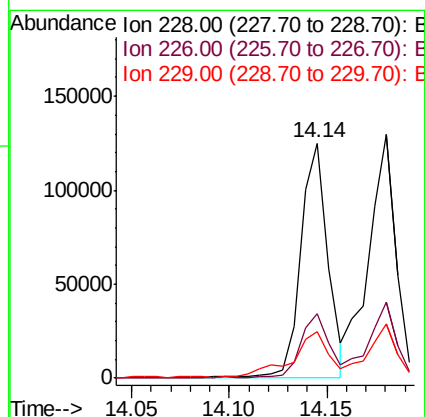
RT: 14.14 min Scan# 2050

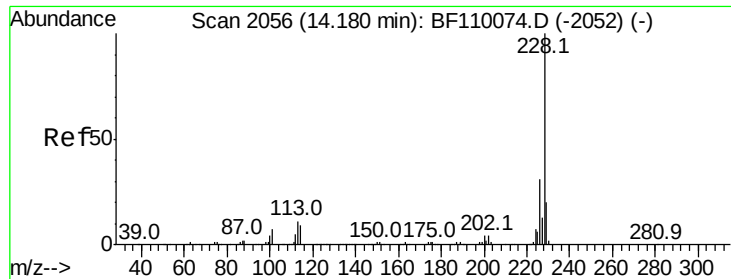
Delta R.T. 0.00 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Tgt Ion:	228	Resp:	118561
Ion Ratio		Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.0	15.6	23.4





#83

Chrysene

Concen: 11.050 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Instrument :

BNA_F

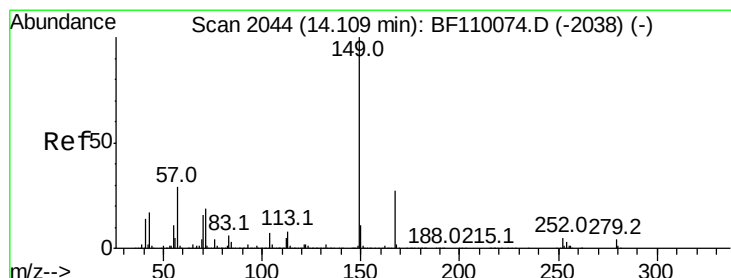
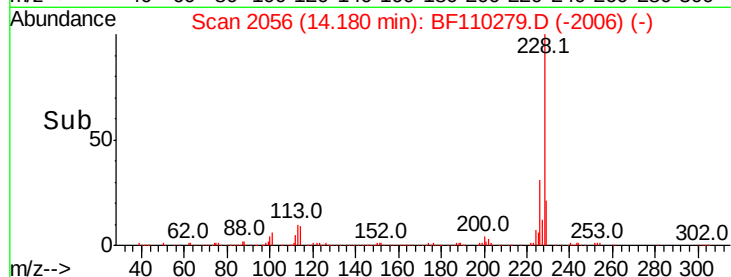
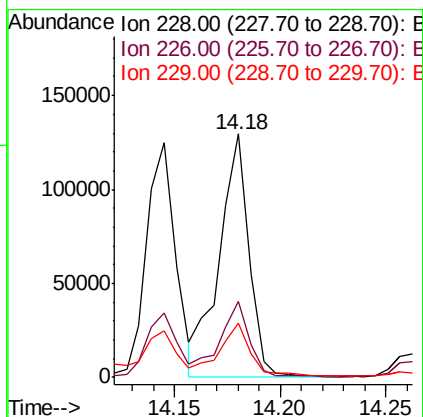
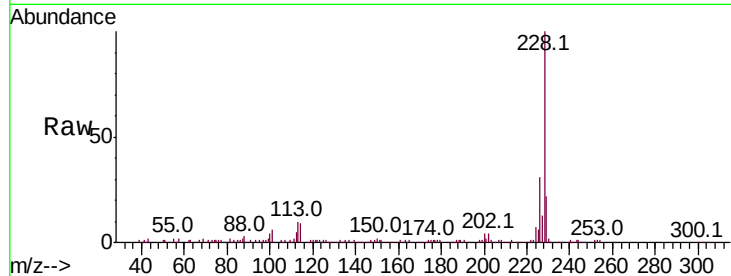
ClientSampleId :

DOCUMENTATION-32

Tot Ion:	228	Resp:	125387
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.7	37.1
229	22.0	15.9	23.9

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.012 ng

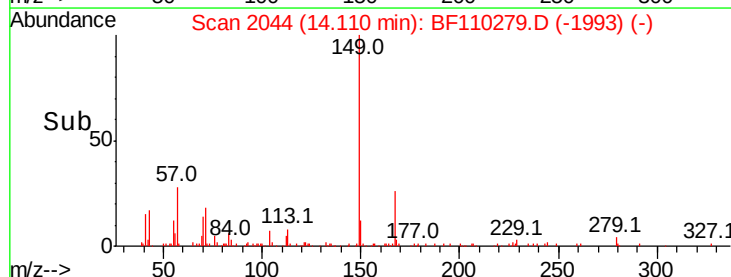
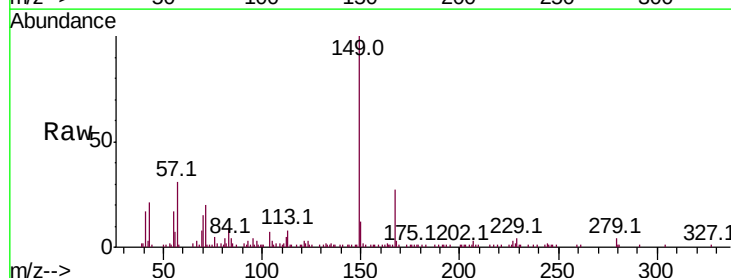
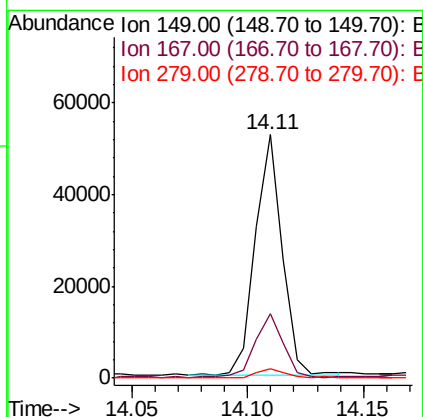
RT: 14.11 min Scan# 2044

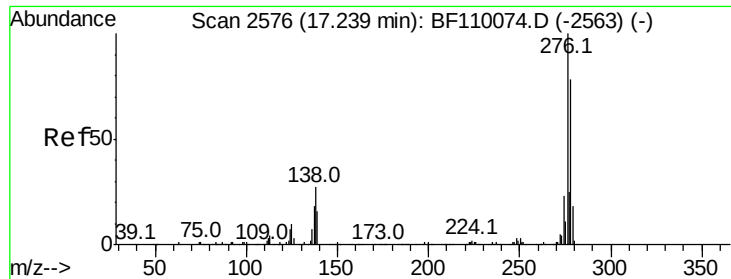
Delta R.T. 0.00 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Tgt Ion:	149	Resp:	42469
Ion Ratio	Lower	Upper	
149	100		
167	26.7	19.8	29.8
279	4.0	2.7	4.1





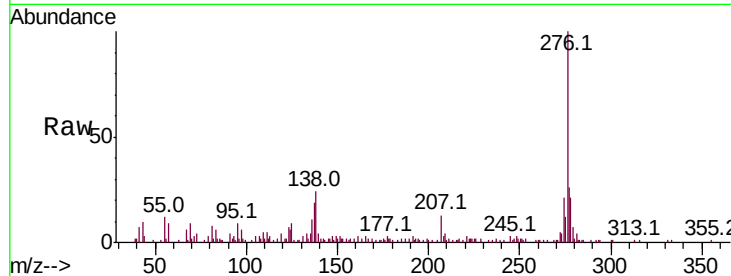
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.849 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-32

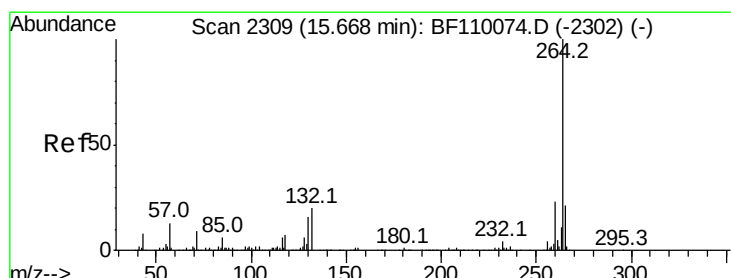
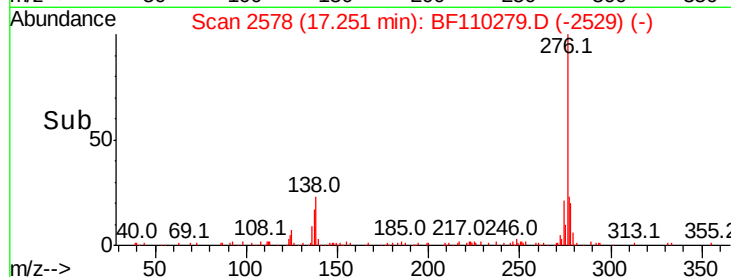
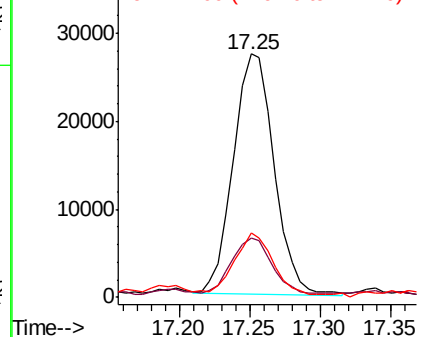
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.5	27.7
277	23.1	20.0	30.0

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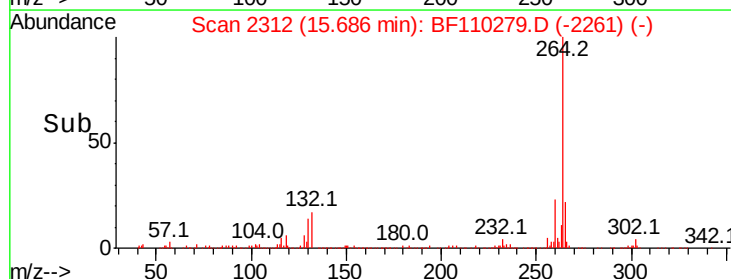
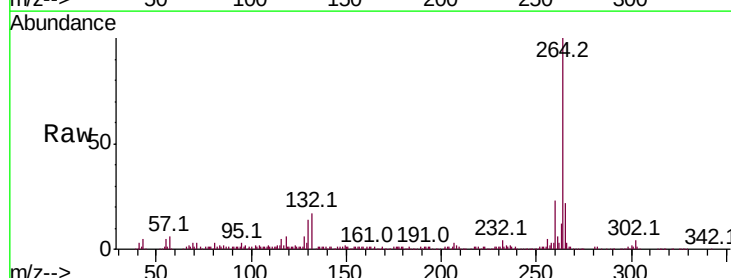
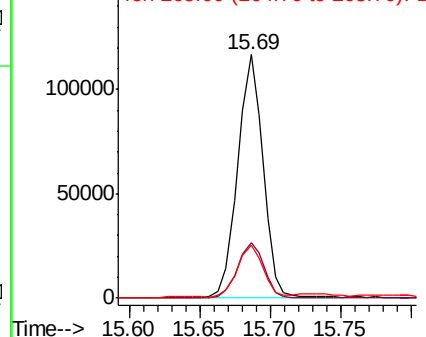
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

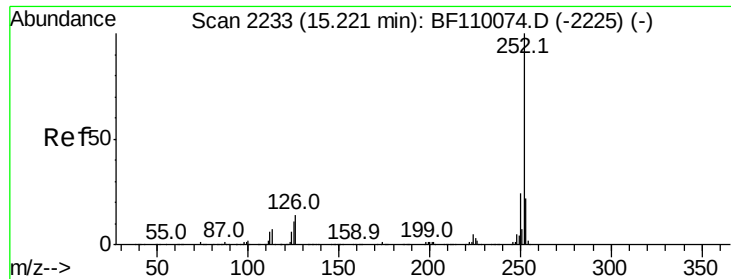


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.0	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: 16.348 ng m

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF110279.D

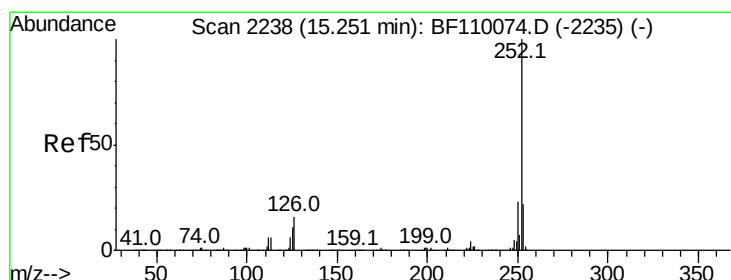
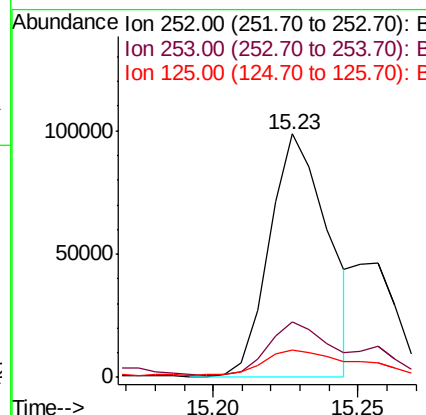
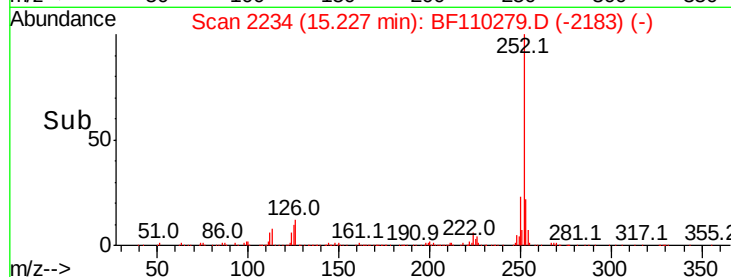
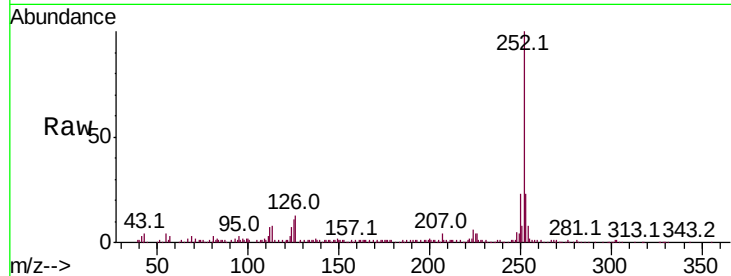
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-32

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	8.2	12.4

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#89

Benzo(k)fluoranthene

Concen: 5.788 ng m

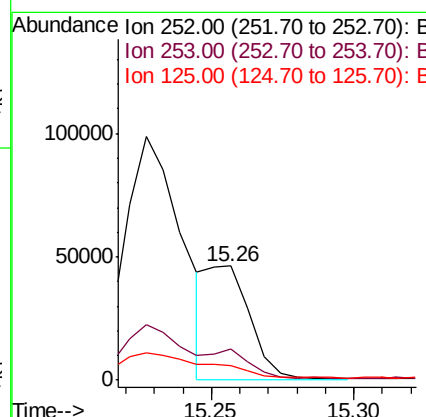
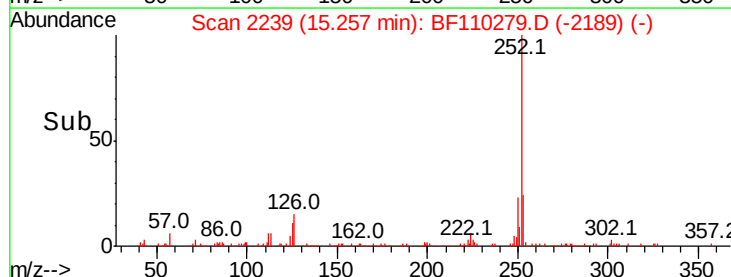
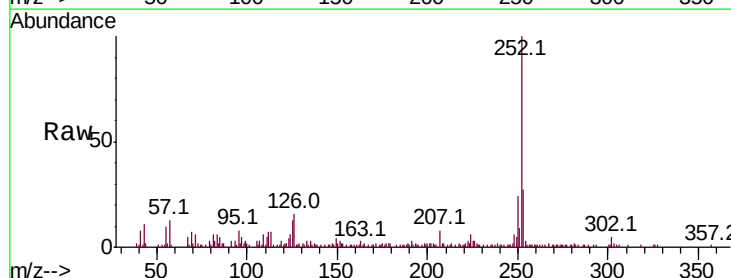
RT: 15.26 min Scan# 2239

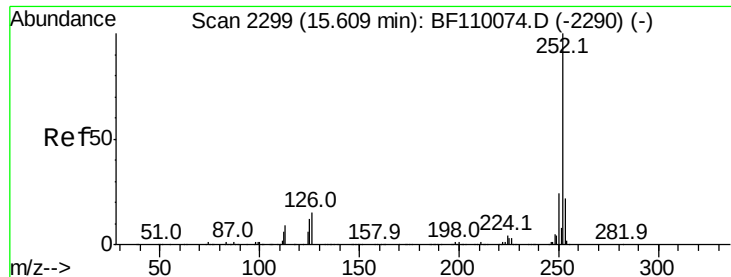
Delta R.T. -0.01 min

Lab File: BF110279.D

Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.2	25.8#
125	13.2	7.4	11.0#





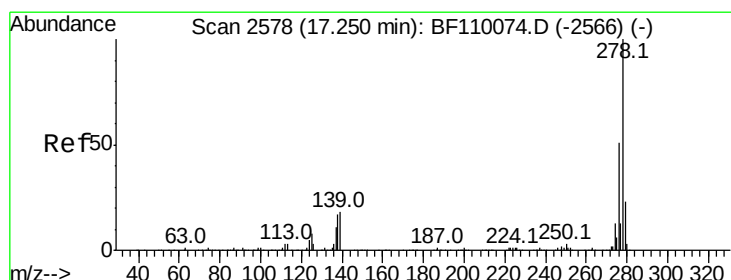
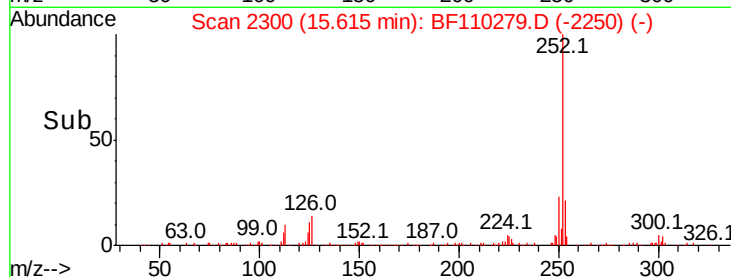
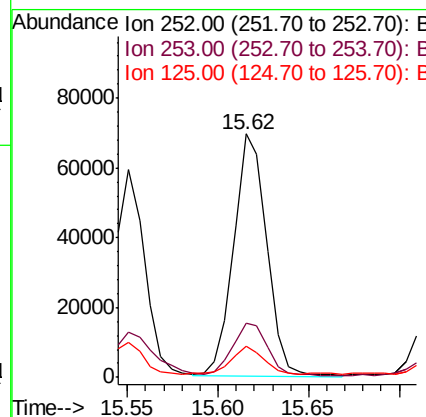
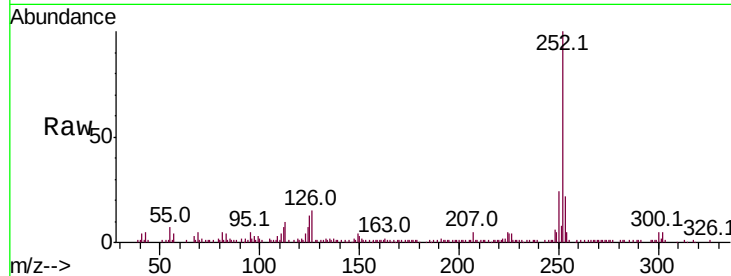
#90
Benzo(a)pyrene
Concen: 11.347 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-32

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.8	9.0	13.6

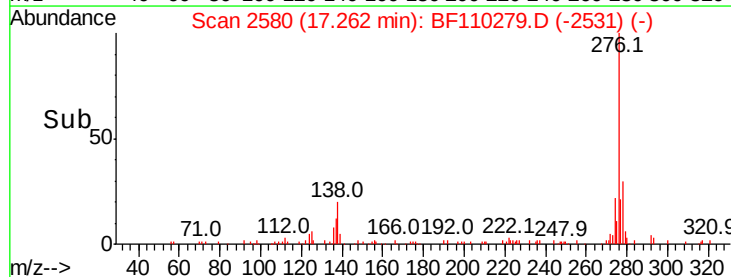
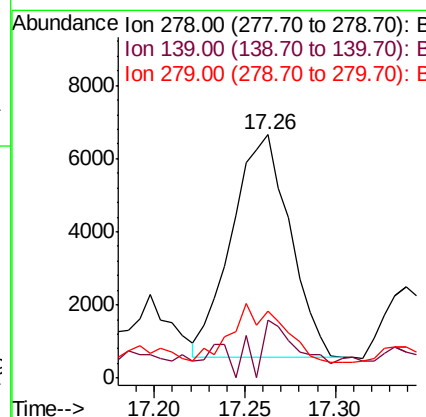
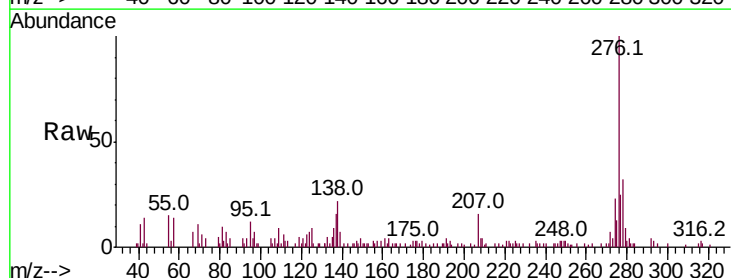
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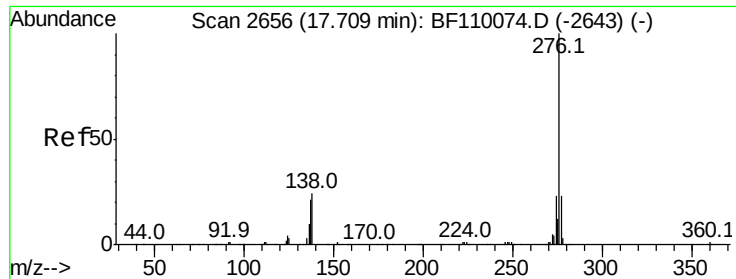
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#91
Dibenzo(a,h)anthracene
Concen: 2.012 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	12.7	19.1#
279	27.4	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 8.491 ng
 RT: 17.73 min Scan# 2660
 Delta R.T. -0.01 min
 Lab File: BF110279.D
 Acq: 29 Oct 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-32

Tot Ion:	276	Resp:	56450
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.8	28.2
138	22.9	16.0	24.0

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