

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110330.D
 Acq On : 31 Oct 2018 14:05
 Operator : JU/SJ
 Sample : J5199-07 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-103018

Manual Integrations
 APPROVED

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 11/1/2018 10:45:56 AM

Quant Time: Oct 31 14:41:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	67626	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	255125	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	102288	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	189251	20.00	ng	0.00
76) Chrysene-d12	14.16	240	203027	20.00	ng	0.00
87) Perylene-d12	15.71	264	154644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	179400	43.20	ng	0.00
7) Phenol-d6	6.59	99	213289	40.15	ng	-0.02
23) Nitrobenzene-d5	7.53	82	130143	30.26	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	42424	41.87	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	215160	33.03	ng	0.00
79) Terphenyl-d14	13.09	244	217815	22.31	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	14185	2.498	ng	Qvalue # 73
50) Dimethylphthalate	9.72	163	30353	4.020	ng	98
71) Phenanthrene	11.53	178	76549	7.730	ng	98
72) Anthracene	11.59	178	22745	2.292	ng	96
75) Fluoranthene	12.73	202	149052	14.831	ng	100
78) Pyrene	12.96	202	137415	9.441	ng	98
81) Benzo(a)anthracene	14.15	228	82959	6.890	ng	97
83) Chrysene	14.19	228	76490m	6.689	ng	
86) Indeno(1,2,3-cd)pyrene	17.29	276	29979	3.160	ng	98
88) Benzo(b)fluoranthene	15.24	252	89895m	10.066	ng	
89) Benzo(k)fluoranthene	15.27	252	31897m	3.633	ng	
90) Benzo(a)pyrene	15.64	252	57983	7.056	ng	# 94
92) Benzo(a,h,i)perylene	17.77	276	29772	4.261	ng	# 84

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

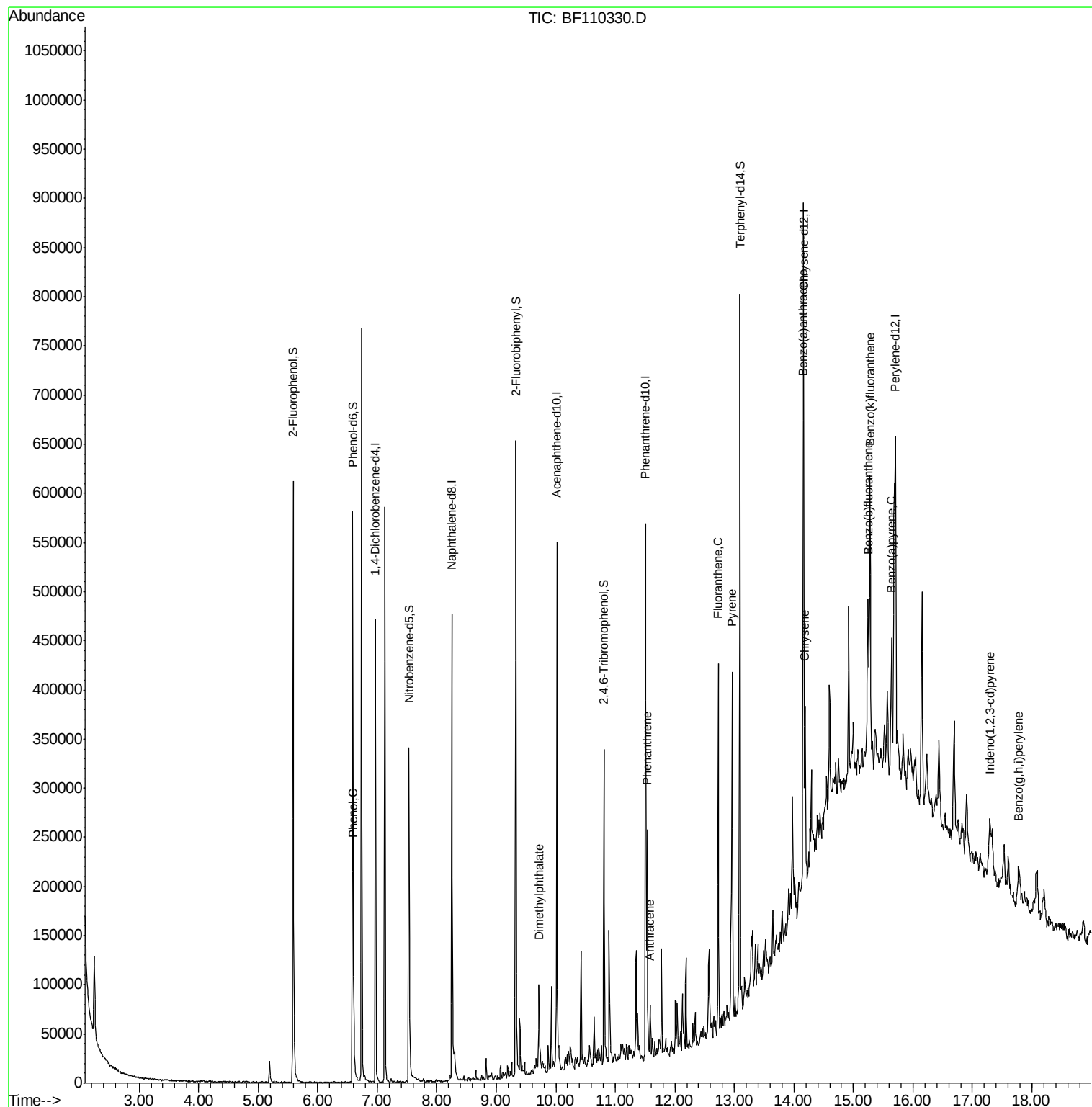
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110330.D
Acq On : 31 Oct 2018 14:05
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

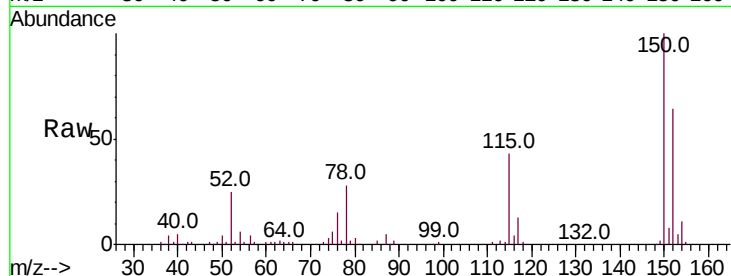
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.7	184.1
115	67.9	49.1	73.7

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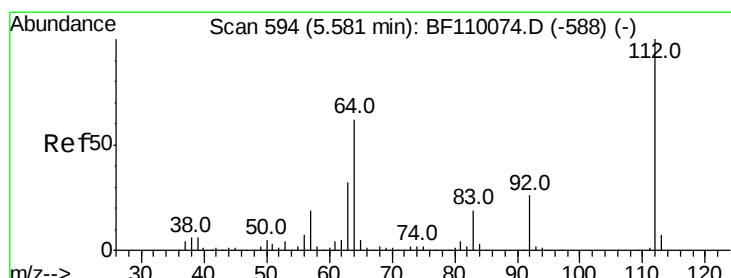
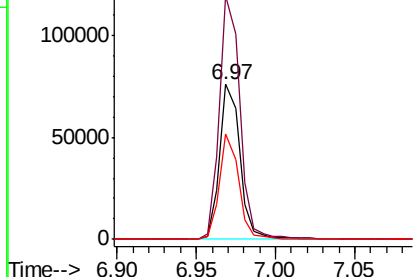
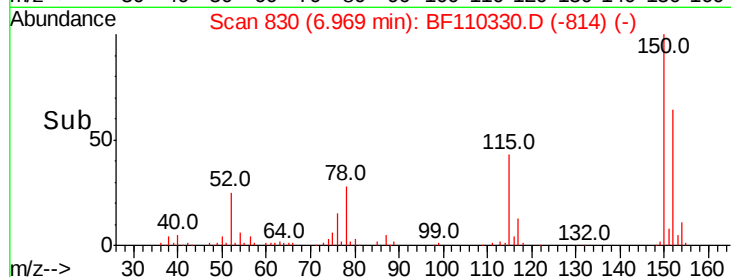


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

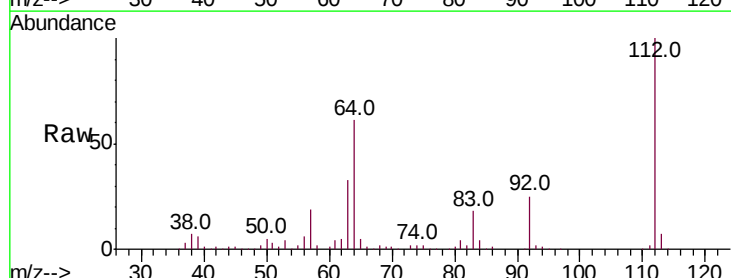
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.200 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.1	66.1
63	32.6	23.7	35.5

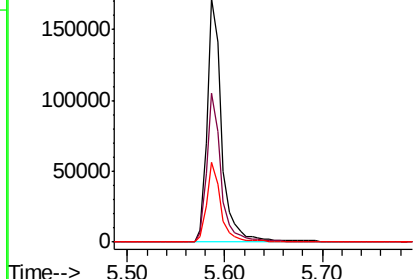
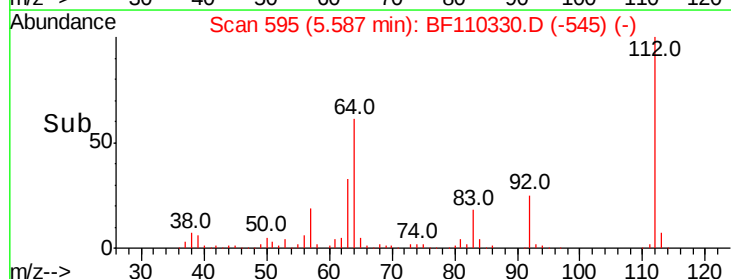


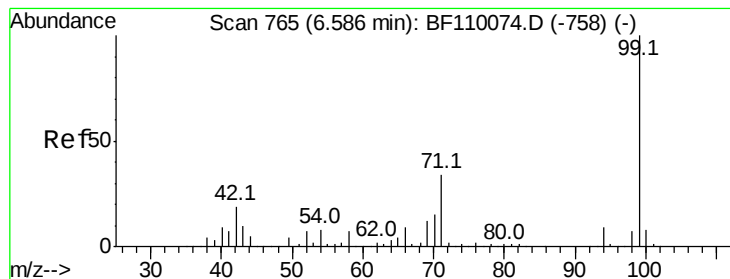
Abundance

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: 40.154 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Instrument :

BNA_F

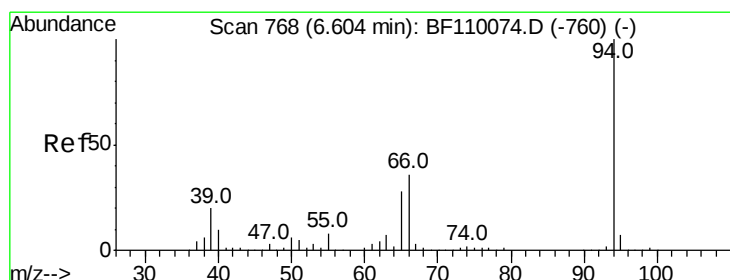
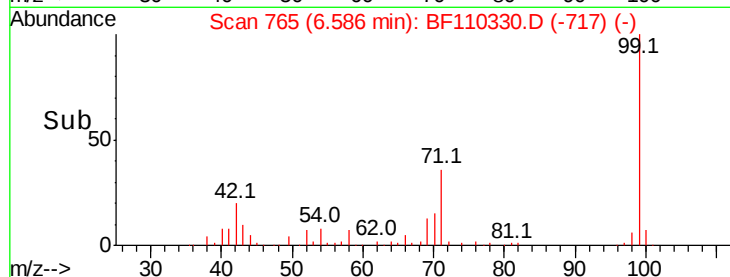
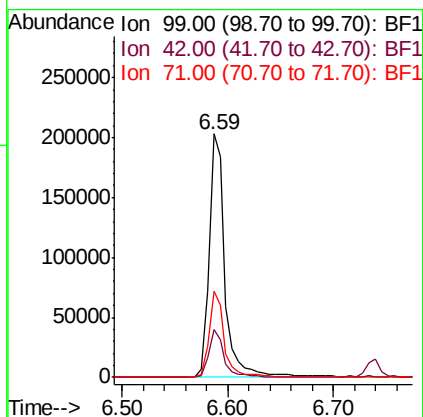
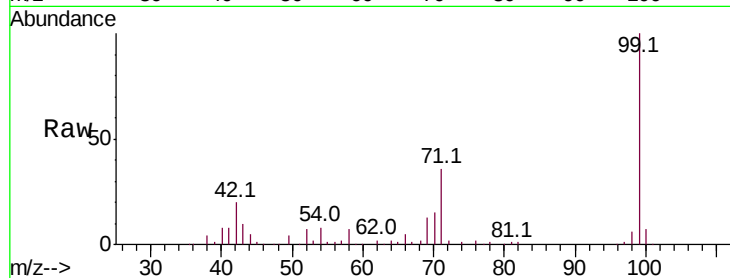
ClientSampleId :

OK-01-103018

Tot Ion	99	Resp	213289
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.6
71	35.6	28.0	42.0

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#10

Phenol

Concen: 2.498 ng

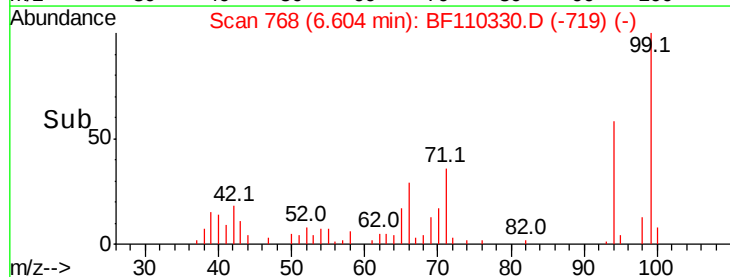
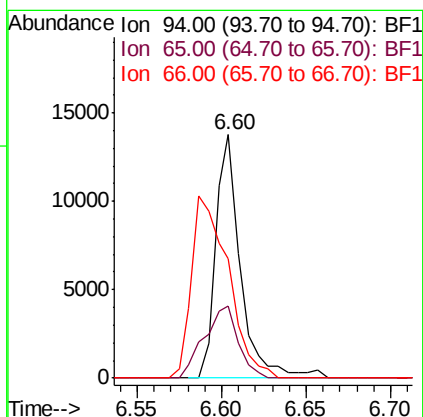
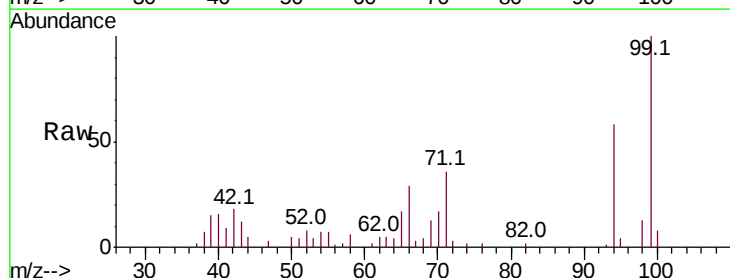
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Tgt Ion	94	Resp	14185
Ion	Ratio	Lower	Upper
94	100		
65	29.6	25.3	65.3
66	49.3	54.5	94.5#





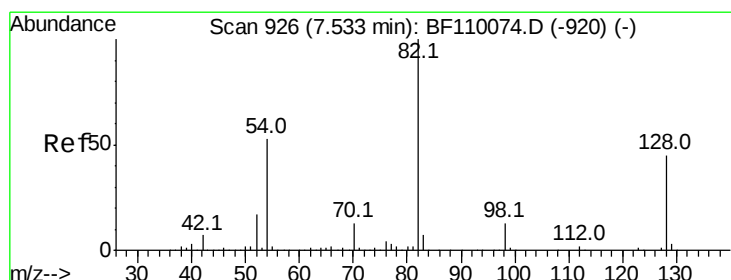
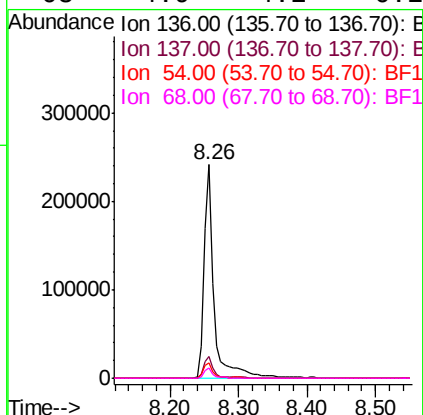
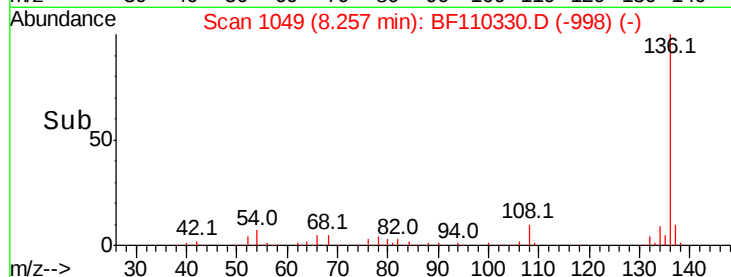
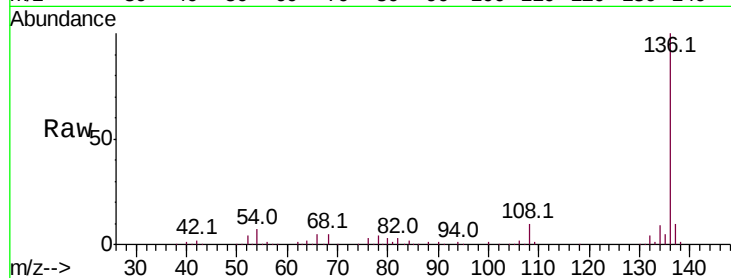
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2

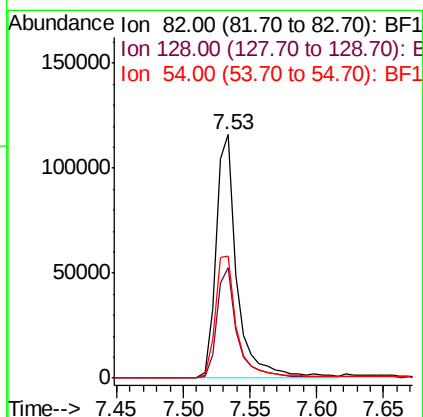
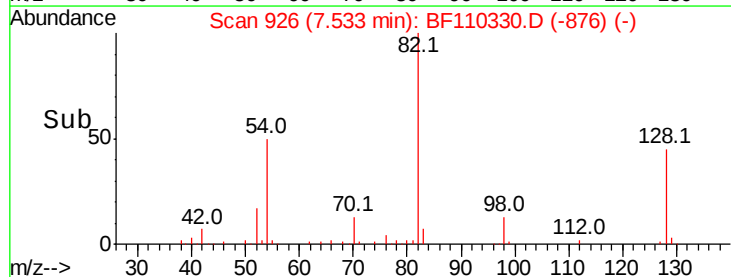
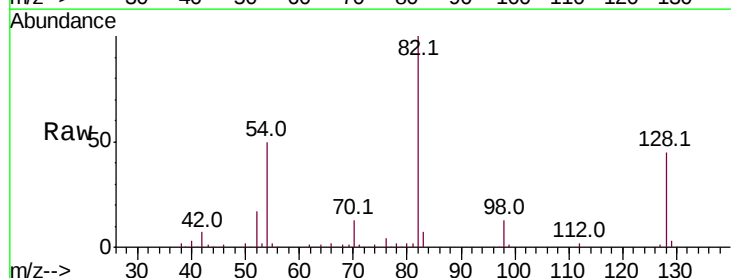
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#23
Nitrobenzene-d5
Concen: 30.257 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.3	34.2	51.2
54	49.9	38.6	58.0





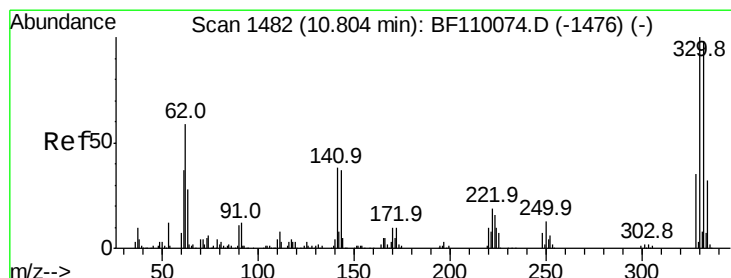
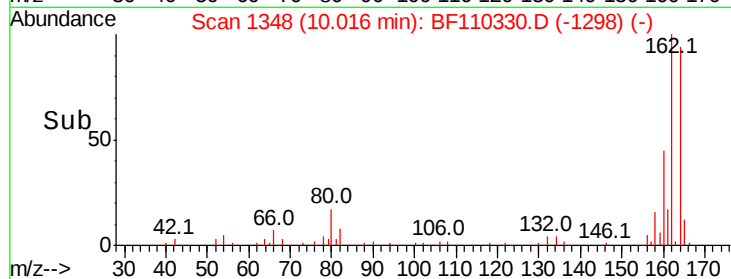
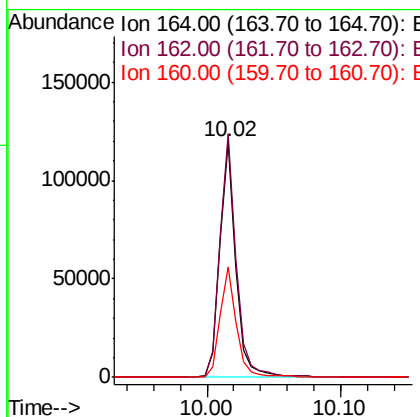
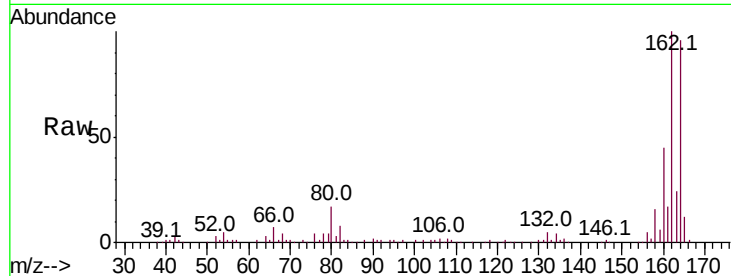
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	46.9	37.0	55.6

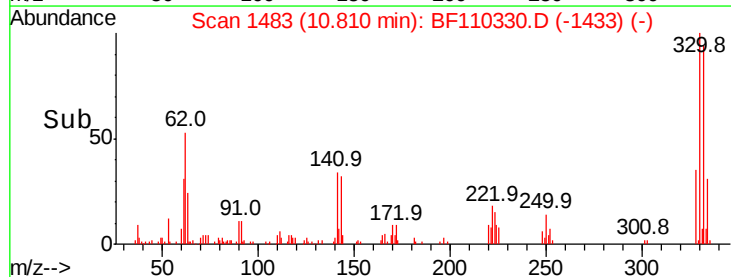
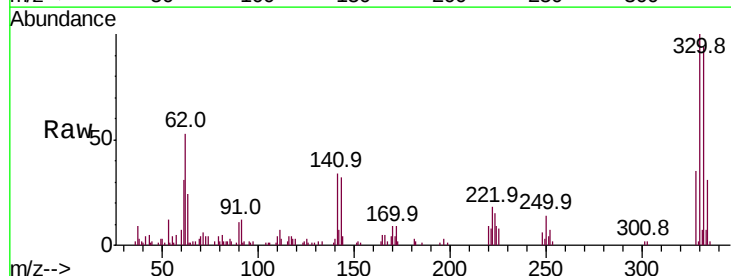
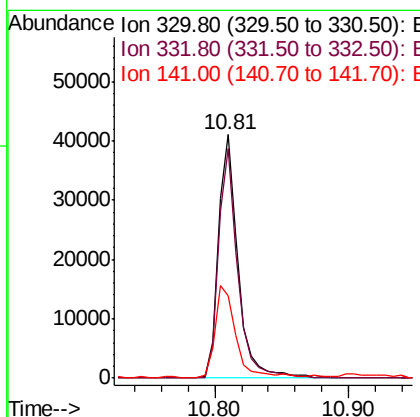
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#42
2,4,6-Tribromophenol
Concen: 41.870 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.1	115.7
141	41.1	27.0	40.4#





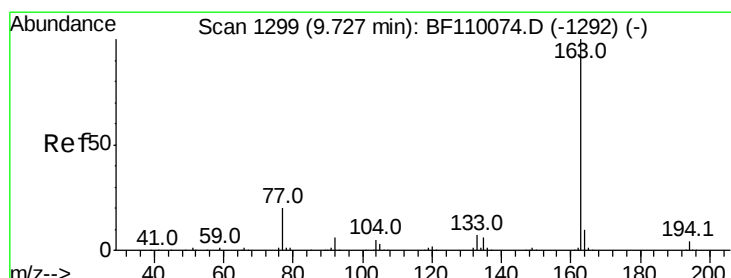
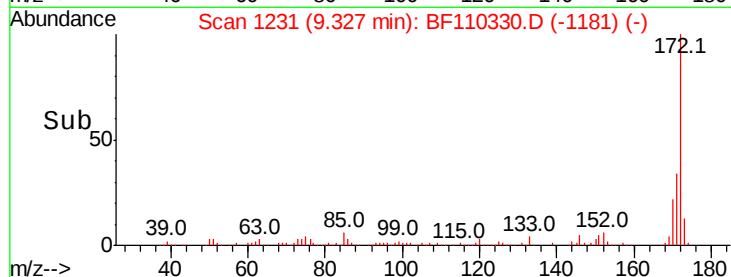
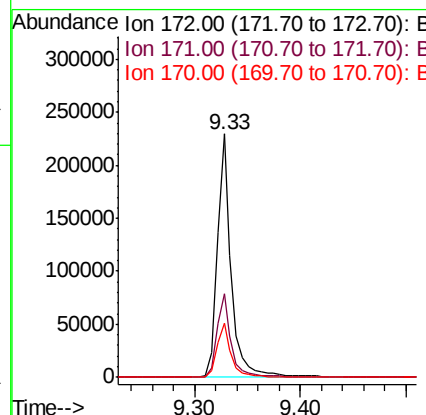
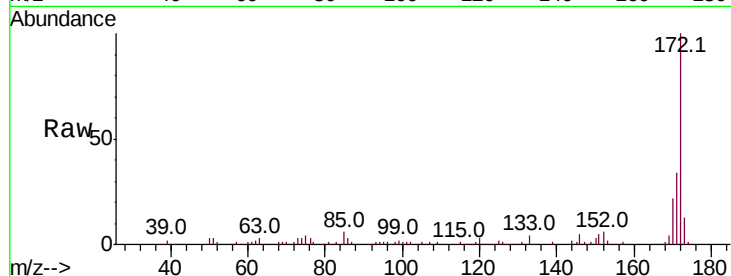
#45
2-Fluorobiphenyl
Concen: 33.030 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Resp	Lower	Upper
172	100	215160		
171	34.2		28.6	43.0
170	22.1		19.7	29.5

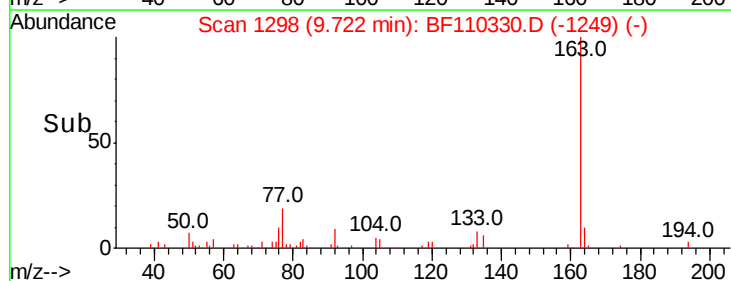
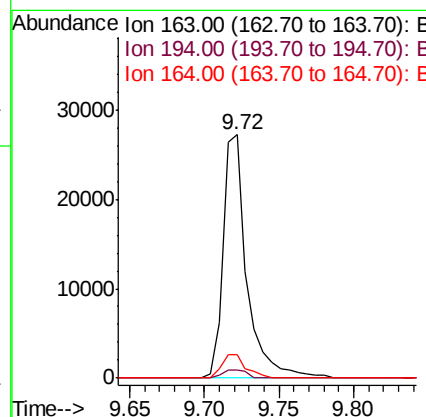
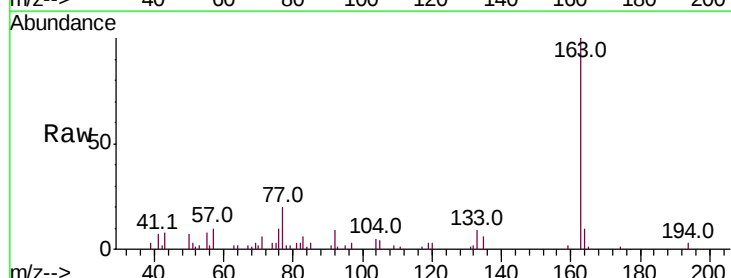
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#50
Dimethylphthalate
Concen: 4.020 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	30353		
194	3.4		3.2	4.8
164	9.5		8.1	12.1





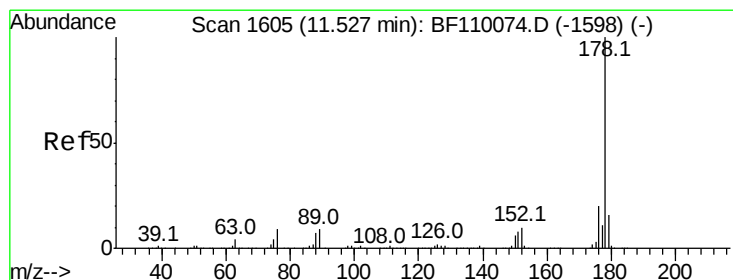
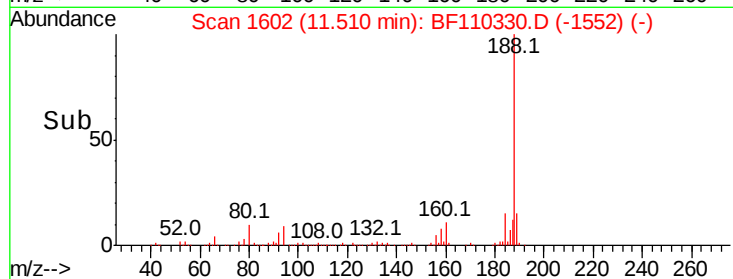
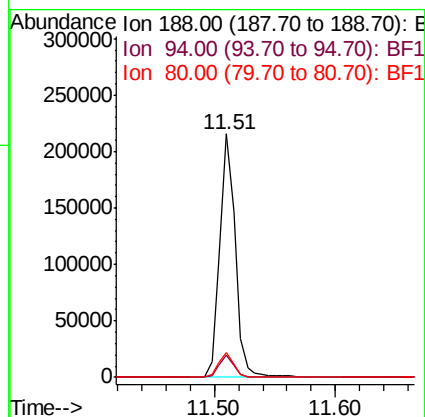
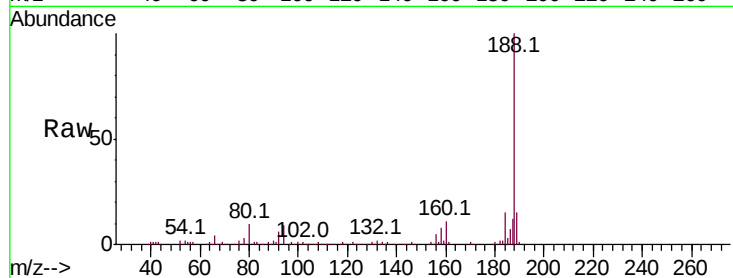
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	189251		
94	9.3		7.2	10.8
80	10.0		7.9	11.9

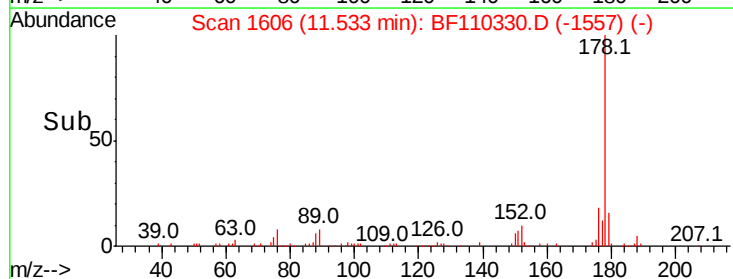
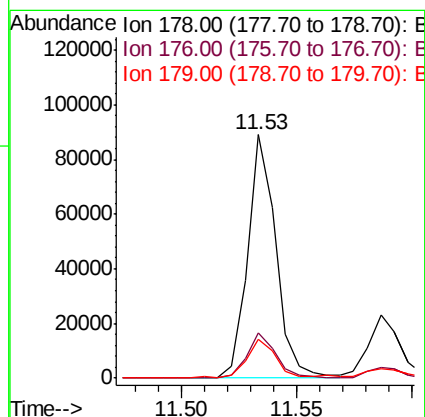
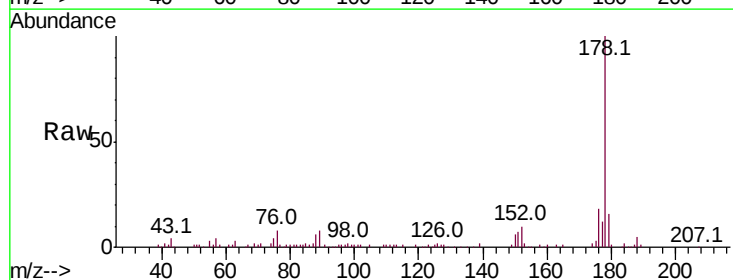
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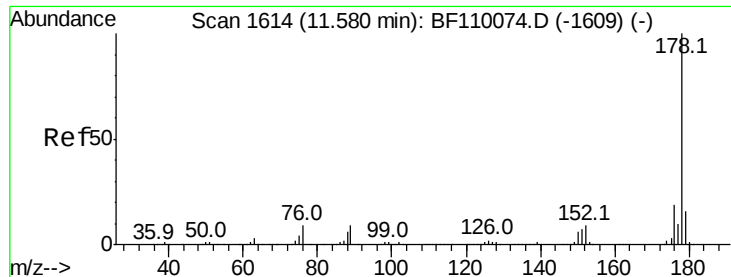
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#71
Phenanthrene
Concen: 7.730 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	76549		
176	18.4		15.5	23.3
179	16.0		12.5	18.7





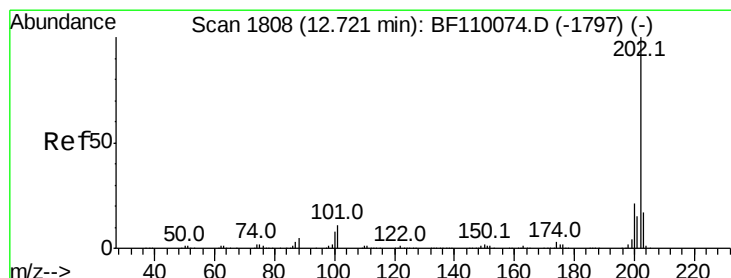
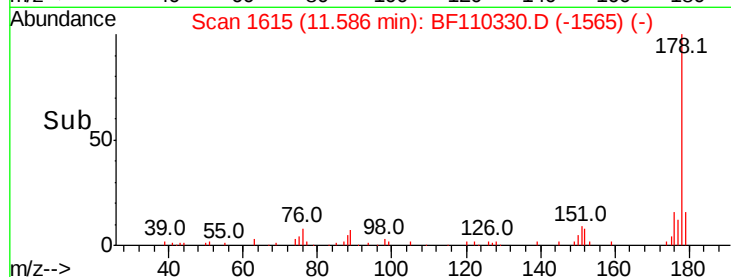
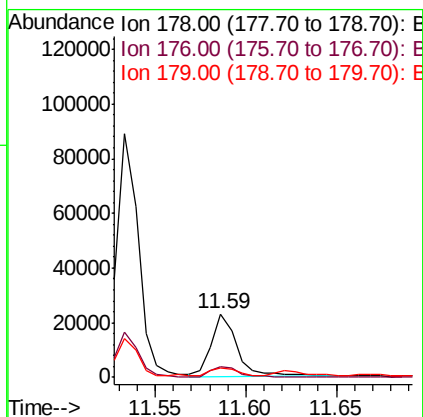
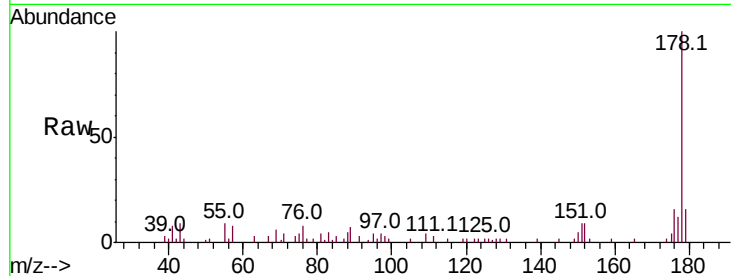
#72
 Anthracene
 Concen: 2.292 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF110330.D
 Acq: 31 Oct 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-103018

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.4	23.2
179	15.6	12.6	18.8

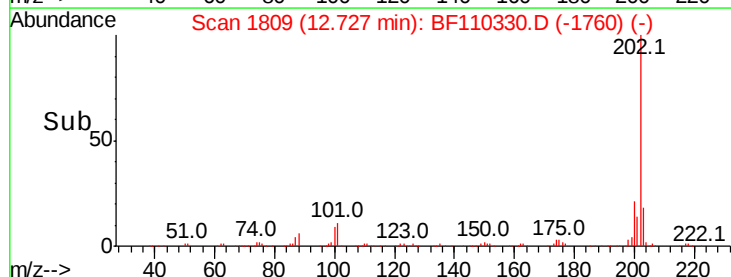
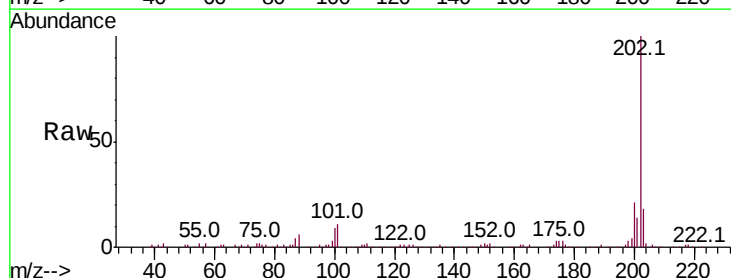
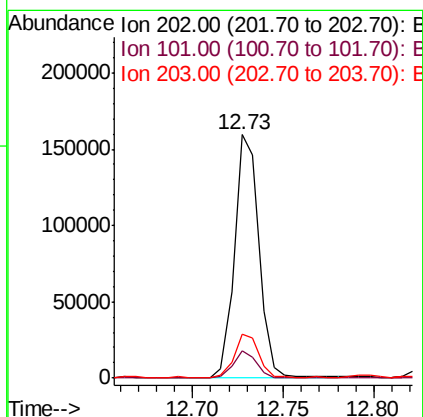
Manual Integrations
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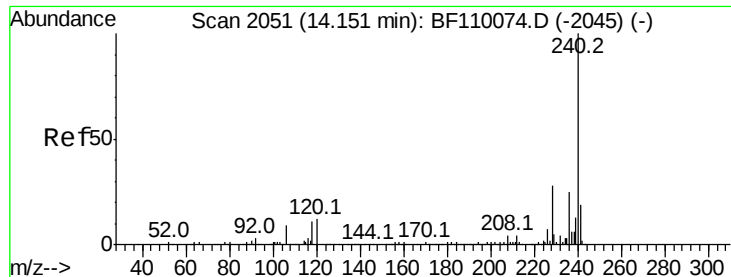
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#75
 Fluoranthene
 Concen: 14.831 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF110330.D
 Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.8	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Instrument :

BNA_F

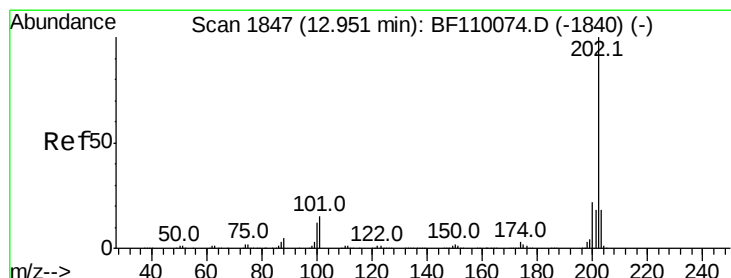
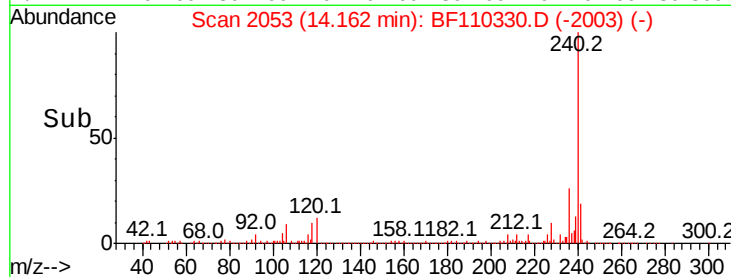
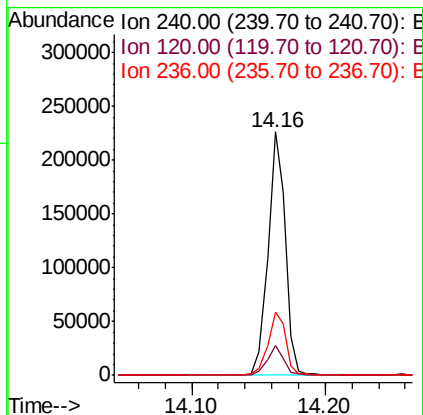
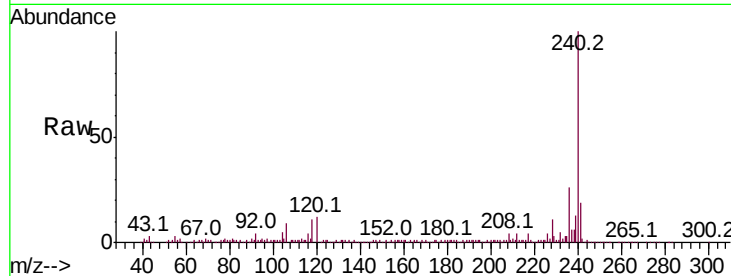
ClientSampleId :

OK-01-103018

Tot Ion:	240	Resp:	203027
Ion Ratio	Lower	Upper	
240	100		
120	12.3	8.3	12.5
236	25.7	21.2	31.8

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#78

Pyrene

Concen: 9.441 ng

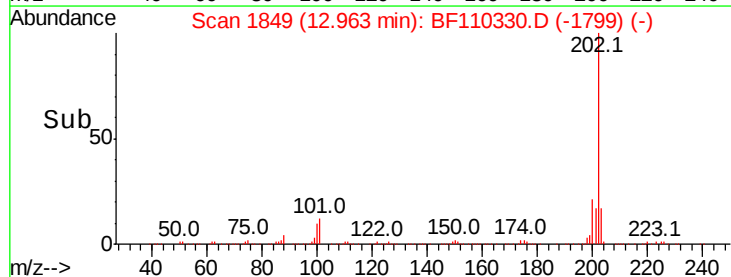
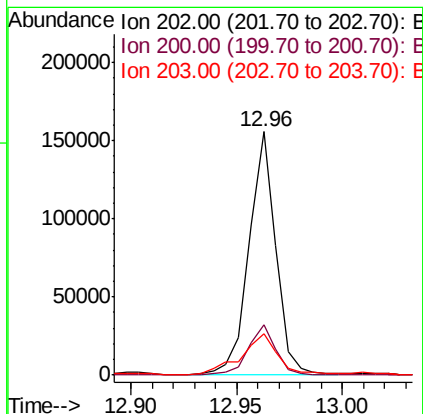
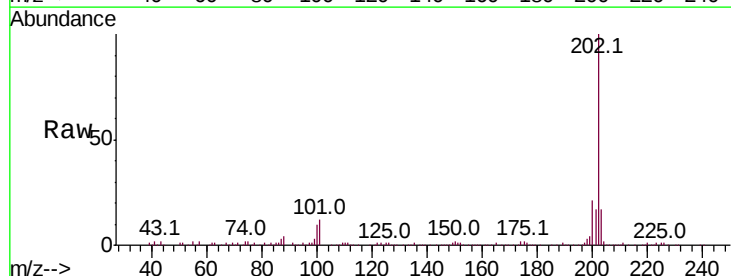
RT: 12.96 min Scan# 1849

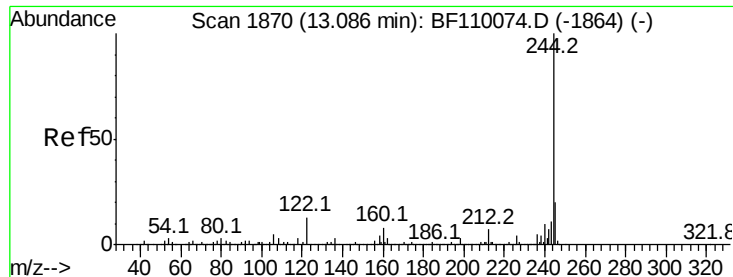
Delta R.T. -0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Tgt Ion:	202	Resp:	137415
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.8	26.6
203	17.2	14.2	21.4





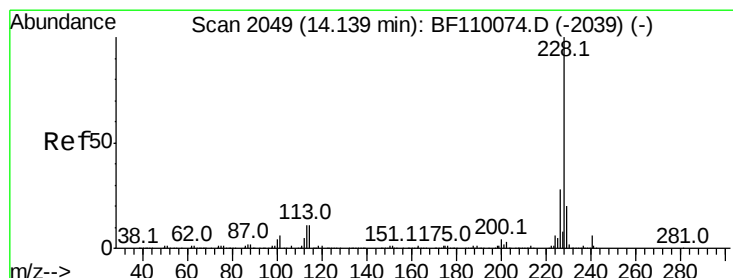
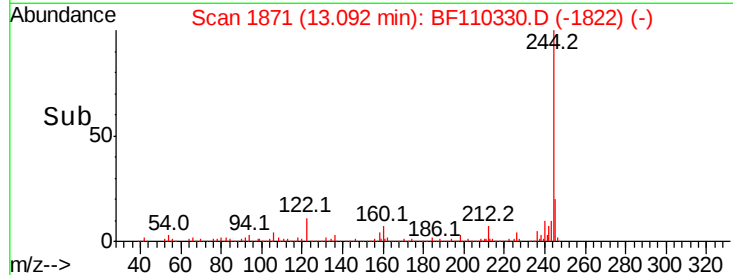
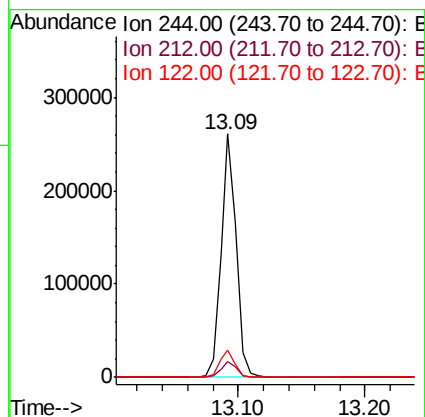
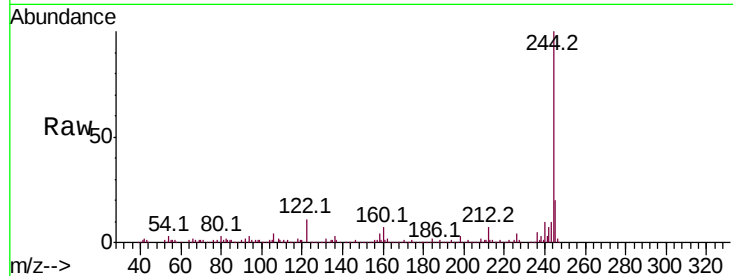
#79
 Terphenyl-d14
 Concen: 22.312 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110330.D
 Acq: 31 Oct 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-103018

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.4	8.7	13.1

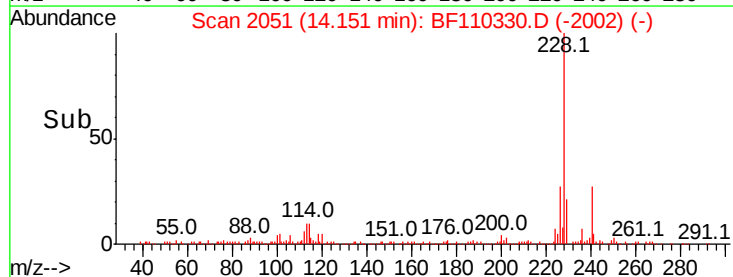
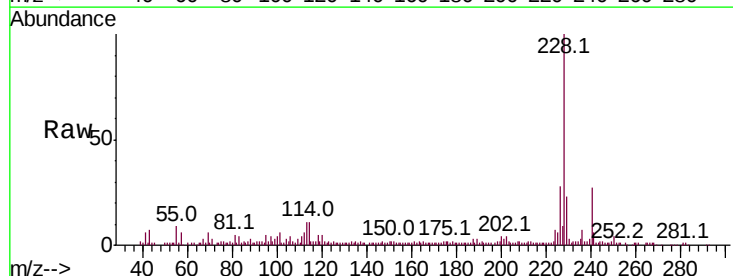
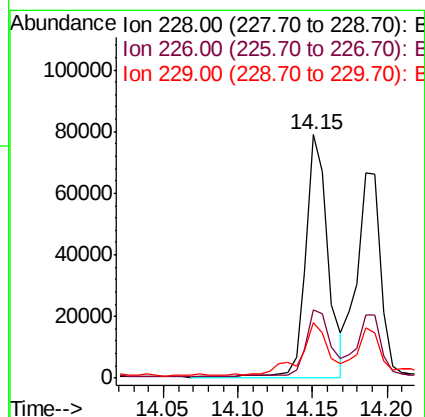
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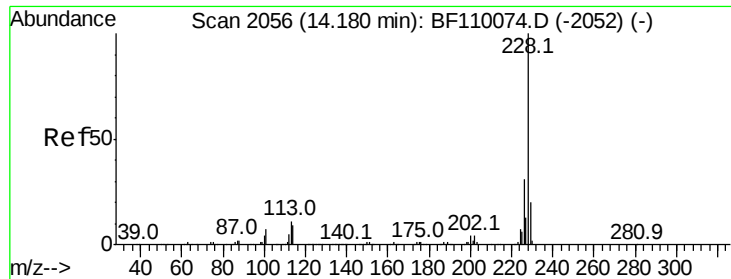
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#81
 Benzo(a)anthracene
 Concen: 6.890 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110330.D
 Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.1	33.1
229	22.6	15.6	23.4





#83

Chrysene

Concen: 6.689 ng/mL

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Instrument :

BNA_F

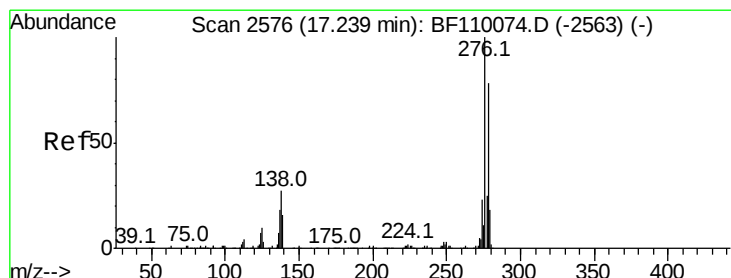
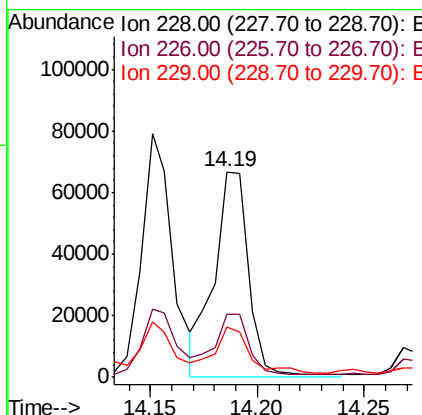
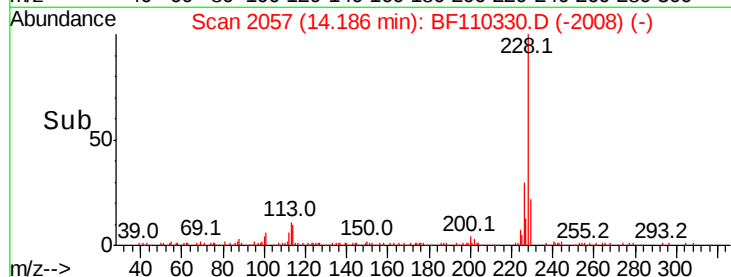
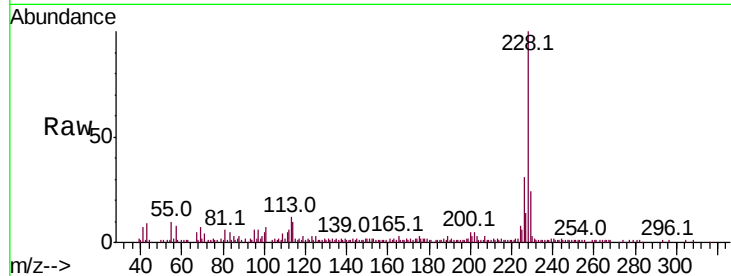
ClientSampleID :

OK-01-103018

Tot Ion:	228	Resp:	76490
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	24.2	15.9	23.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.160 ng/mL

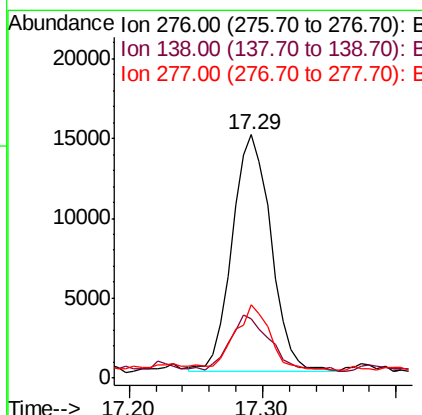
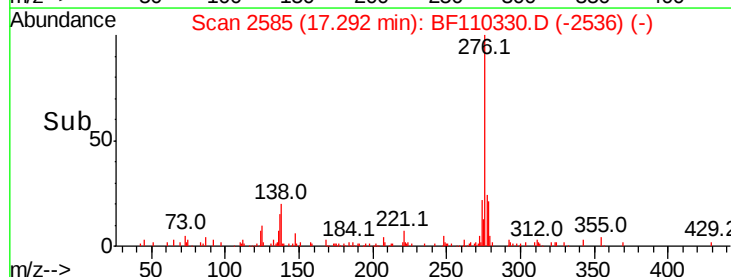
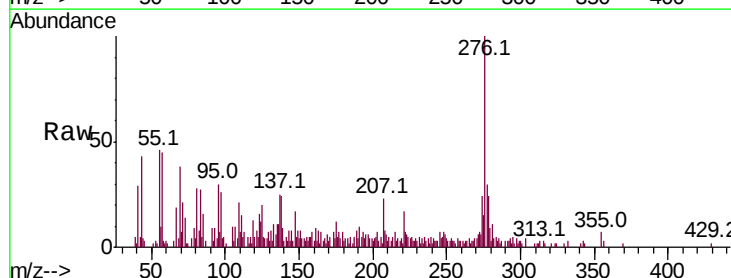
RT: 17.29 min Scan# 2585

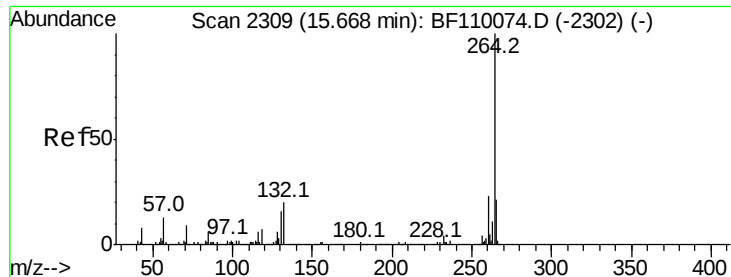
Delta R.T. -0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Tgt Ion:	276	Resp:	29979
Ion Ratio	Lower	Upper	
276	100		
138	25.2	18.5	27.7
277	25.0	20.0	30.0





#87

Pervlène-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110330.D

Acq: 31 Oct 2018 14:05

Instrument :

BNA_F

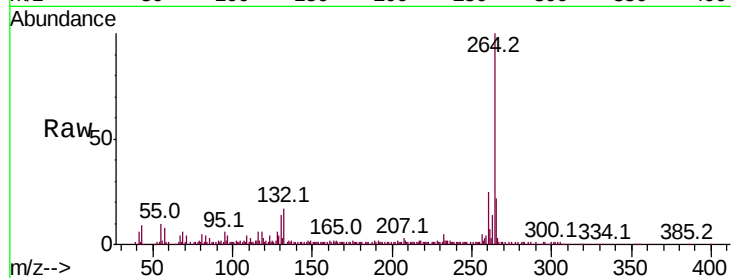
ClientSampleId :

OK-01-103018

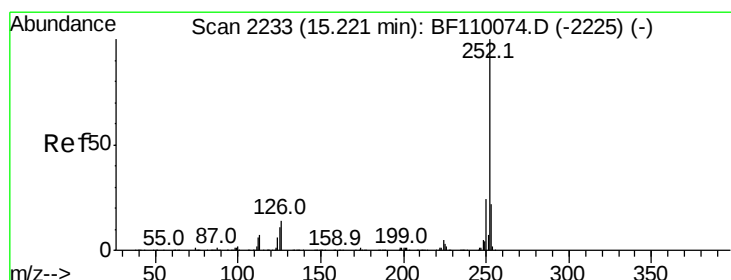
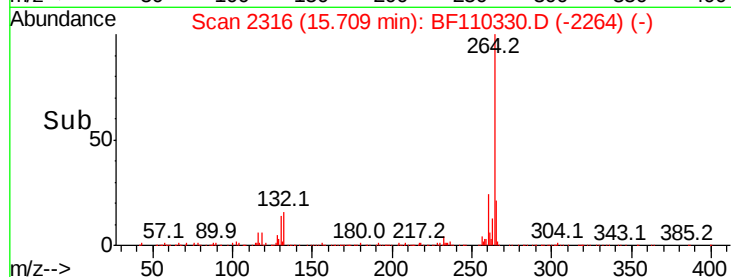
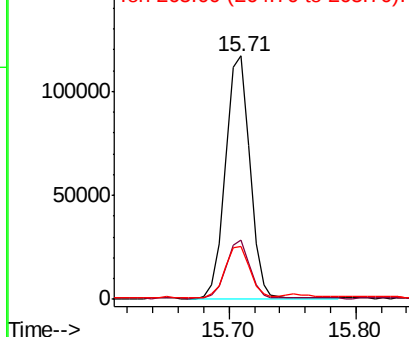
Tot Ion:	264	Resp:	154644
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	21.9	16.7	25.1

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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: 10.066 ng m

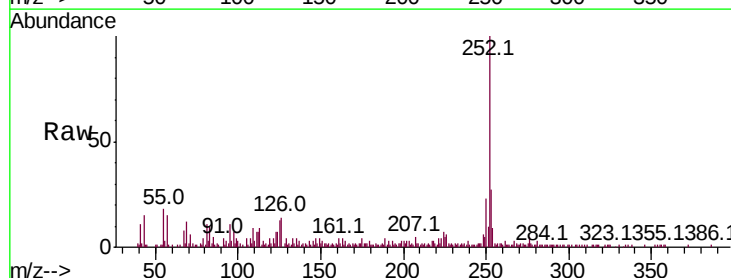
RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

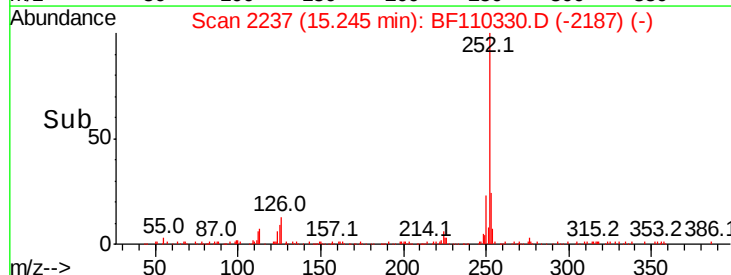
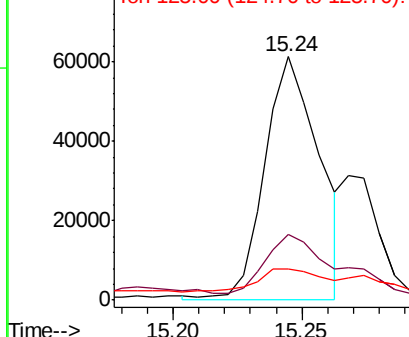
Lab File: BF110330.D

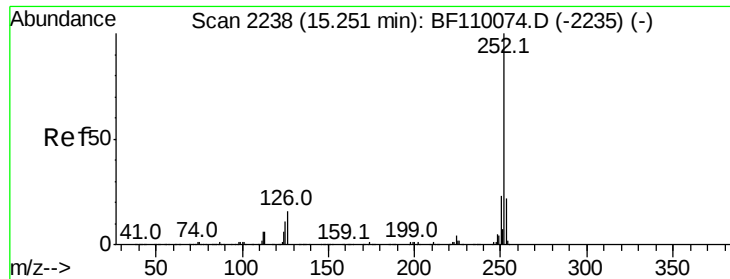
Acq: 31 Oct 2018 14:05

Tgt Ion:	252	Resp:	89895
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.2	25.8#
125	12.5	8.2	12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





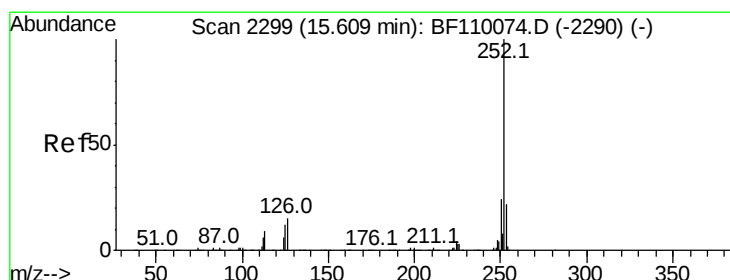
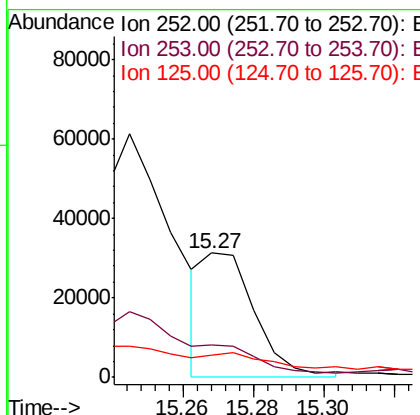
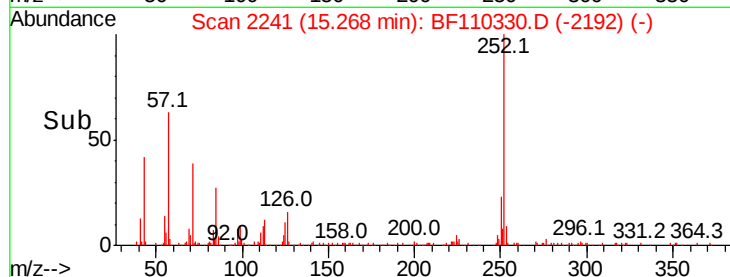
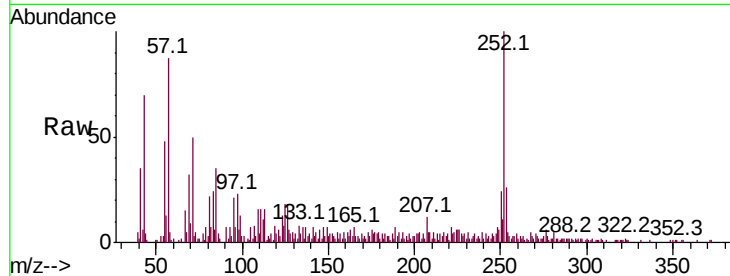
#89
Benzo(k)fluoranthene
Concen: 3.633 ng/mL
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Instrument :
BNA_F
ClientSampleId :
OK-01-103018

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.2	25.8
125	18.0	7.4	11.0

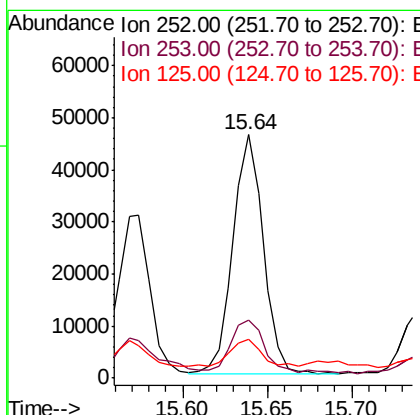
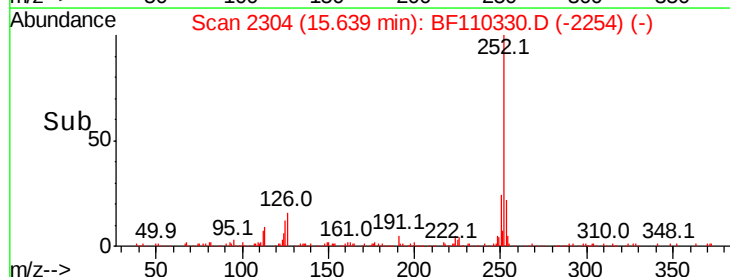
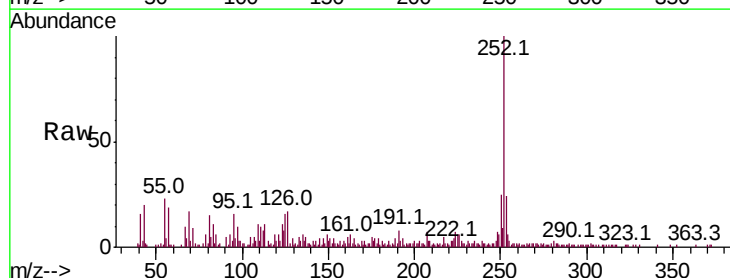
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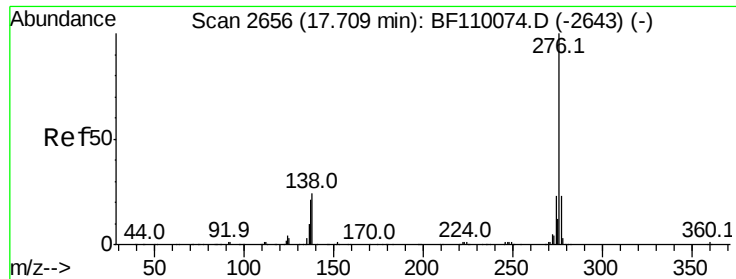
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#90
Benzo(a)pyrene
Concen: 7.056 ng/mL
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF110330.D
Acq: 31 Oct 2018 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	16.1	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.261 ng
 RT: 17.77 min Scan# 2667
 Delta R.T. -0.02 min
 Lab File: BF110330.D
 Acq: 31 Oct 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-103018

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.8	28.2
138	31.2	16.0	24.0

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