

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103762.D
 Acq On : 19 Mar 2018 18:16
 Operator : JU/SJ
 Sample : J1755-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031618

Manual Integrations
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Sohil
 3/20/2018 6:26:34 PM

Quant Time: Mar 20 01:13:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150173	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	595422	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	258988	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	403920	20.00	ng	0.00
75) Chrysene-d12	14.15	240	304308	20.00	ng	0.00
86) Perylene-d12	15.69	264	249075	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	201520	20.41	ng	0.00
7) Phenol-d6	6.58	99	245083	20.29	ng	0.00
23) Nitrobenzene-d5	7.52	82	138248	16.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	48361	21.72	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	266081	16.39	ng	0.00
78) Terphenyl-d14	13.09	244	253007	19.30	ng	0.00
Target Compounds						
70) Phenanthrene	11.53	178	130827	5.921	ng	96
74) Fluoranthene	12.72	202	139343	6.121	ng	98
77) Pyrene	12.95	202	155640	6.964	ng	99
80) Benzo(a)anthracene	14.14	228	69901	3.629	ng	93
82) Chrysene	14.18	228	71559	3.897	ng	97
87) Benzo(b)fluoranthene	15.23	252	65218m	4.145	ng	
89) Benzo(a)pyrene	15.62	252	45880	3.215	ng	# 86

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

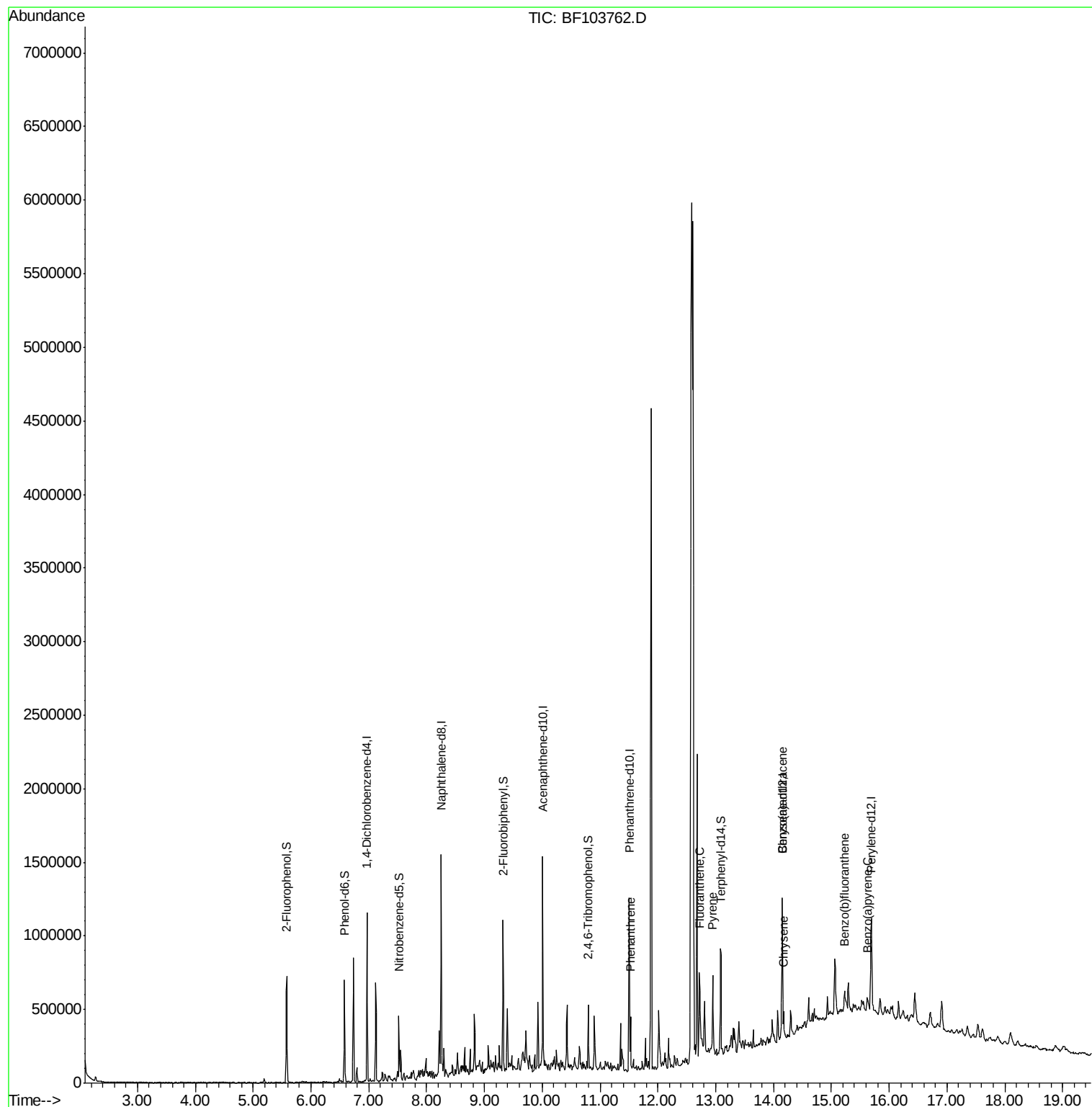
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103762.D
Acq On : 19 Mar 2018 18:16
Operator : JU/SJ
Sample : J1755-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

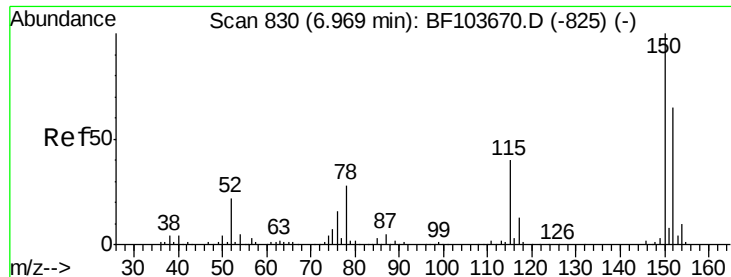
Instrument :
BNA_F
ClientSampleId :
OK-01-031618

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Quant Time: Mar 20 01:13:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





#1

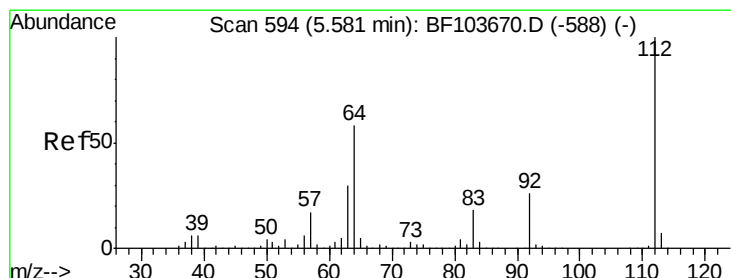
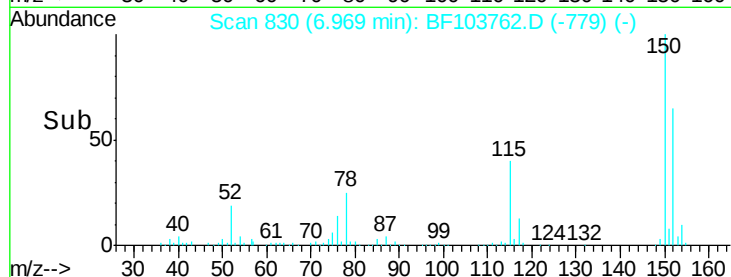
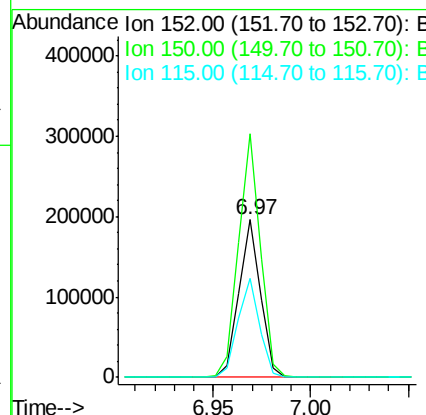
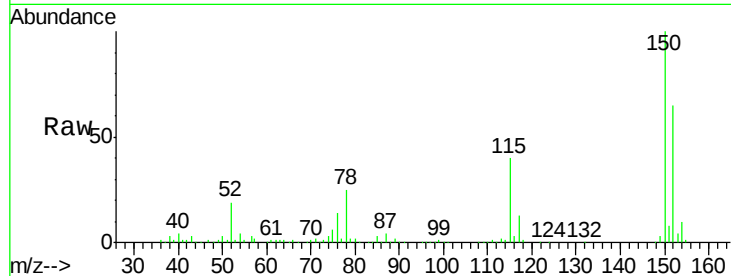
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :
OK-01-031618

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	62.5	50.1	75.1

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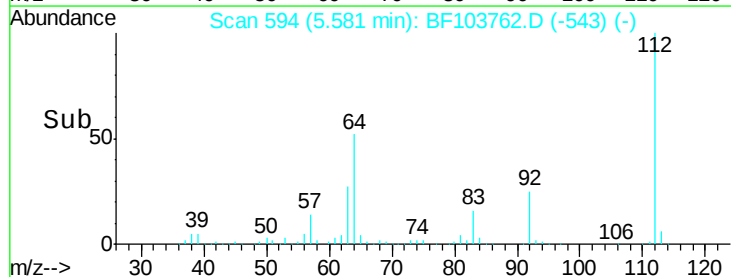
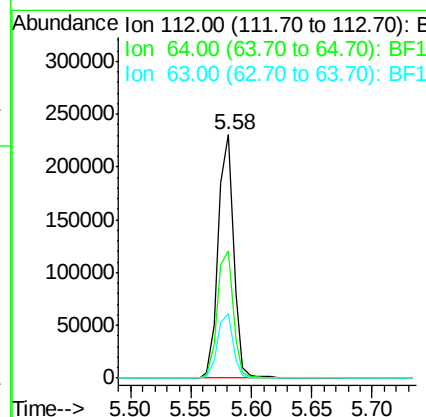
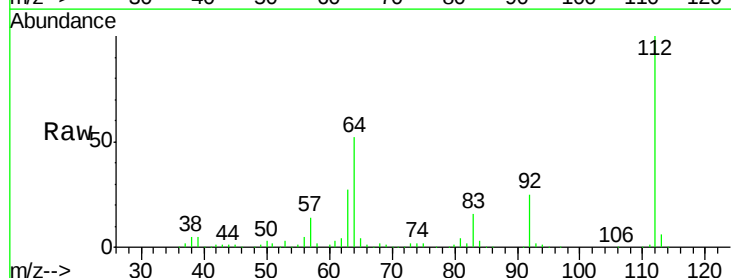
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#5

2-Fluorophenol
Concen: 20.411 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.6	23.7	35.5





#7

Phenol-d6

Concen: 20.289 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Instrument :

BNA_F

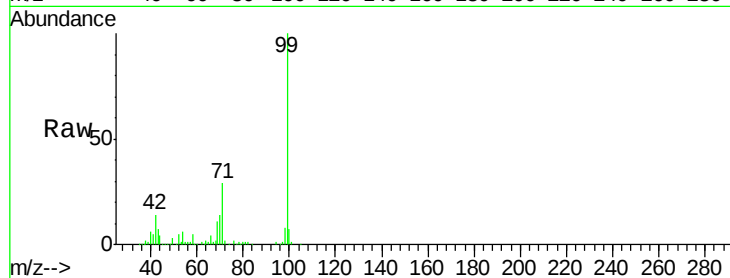
ClientSampleId :

OK-01-031618

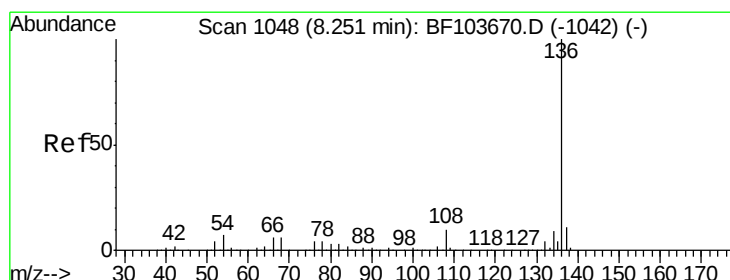
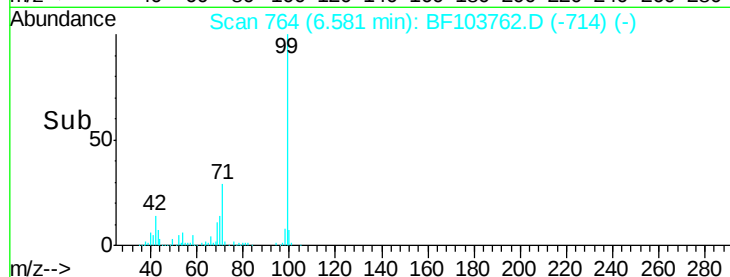
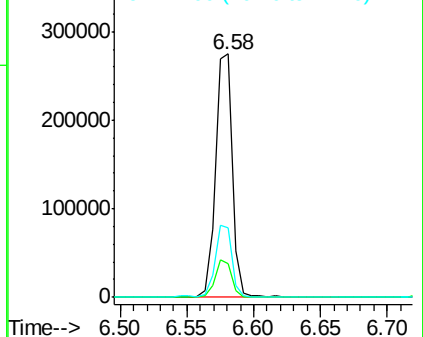
Tot Ion:	99	Resp:	245083
Ion Ratio	Lower	Upper	
99	100		
42	13.7	14.5	21.7#
71	28.7	25.4	38.0

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

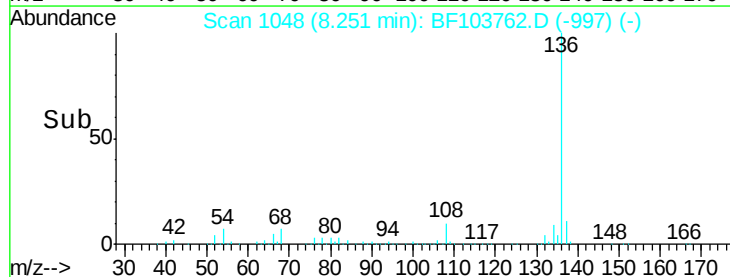
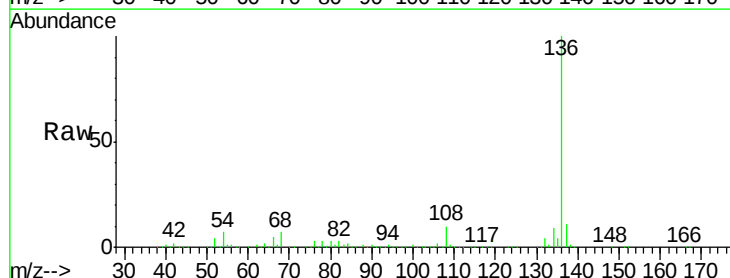
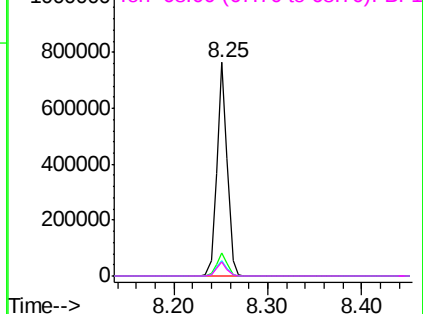
Delta R.T. 0.00 min

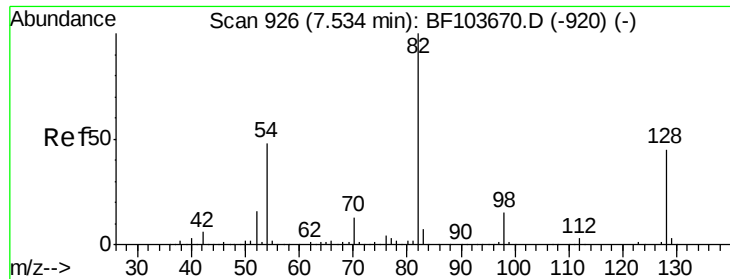
Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Tgt Ion:	136	Resp:	595422
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.6	5.0	7.4

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





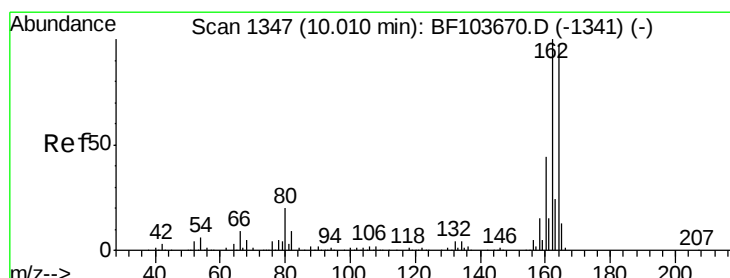
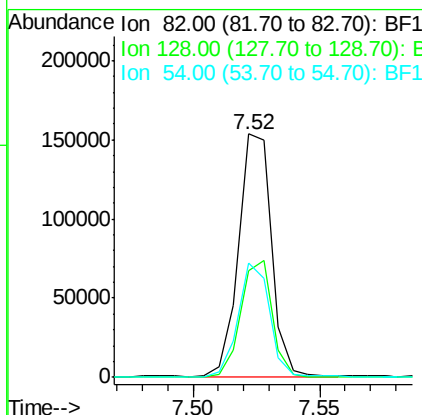
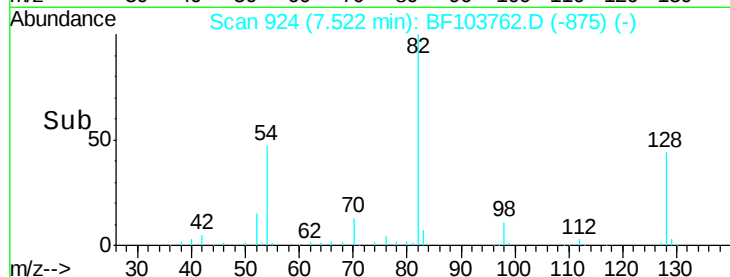
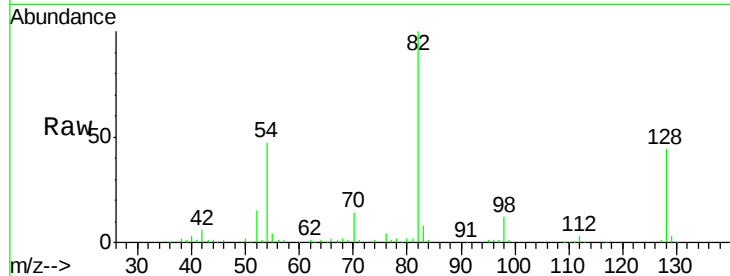
#23
Nitrobenzene-d5
Concen: 16.192 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :
OK-01-031618

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	47.2	41.4	62.2

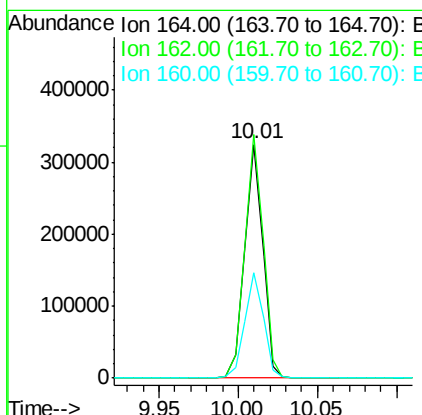
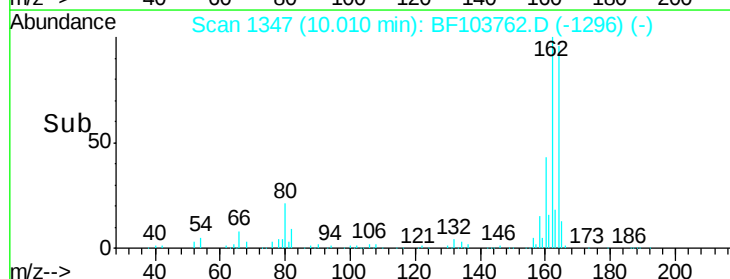
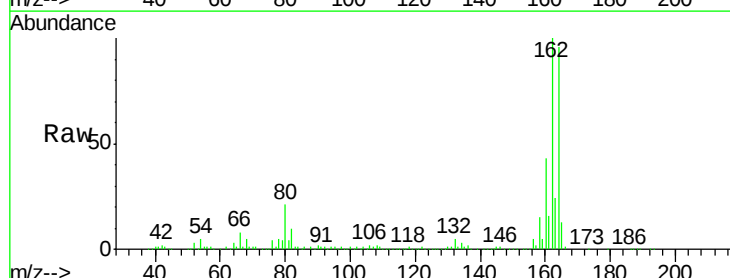
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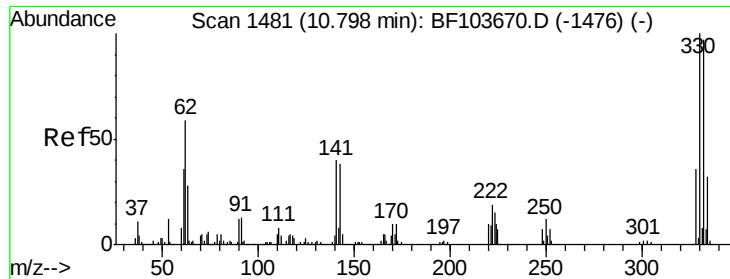
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.2	38.3	57.5





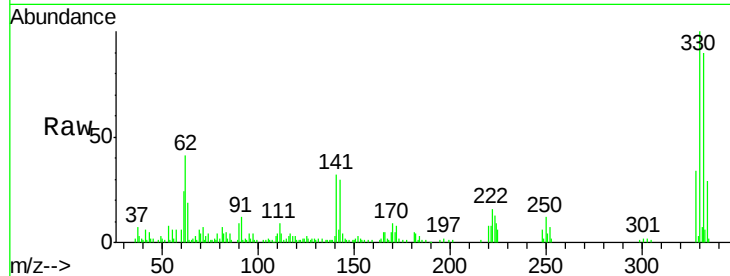
#41
 2,4,6-Tribromophenol
 Concen: 21.718 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103762.D
 Acq: 19 Mar 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031618

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	33.9	29.9	44.9

Manual Integrations
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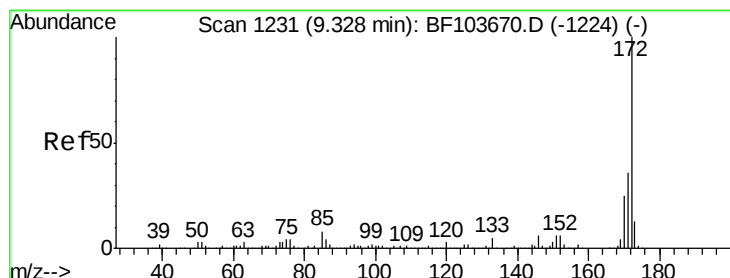
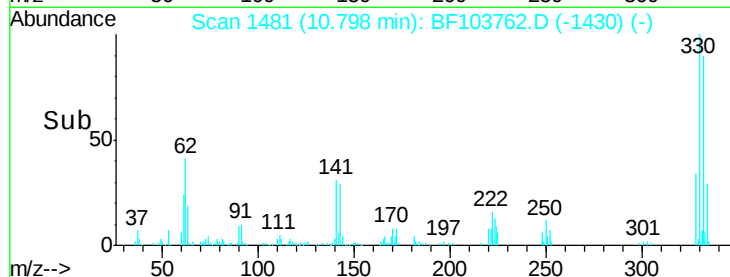
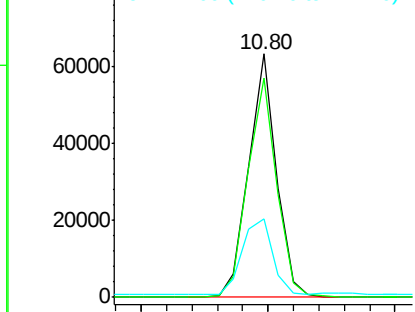


Abundance

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: 16.388 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103762.D
 Acq: 19 Mar 2018 18:16

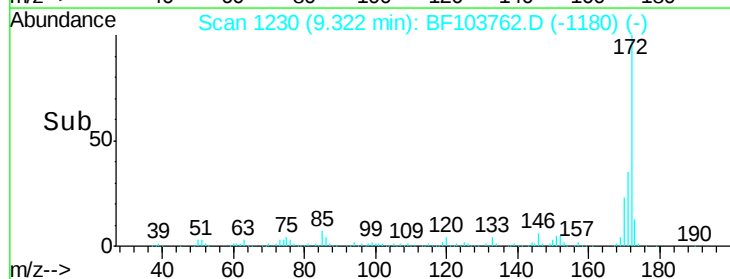
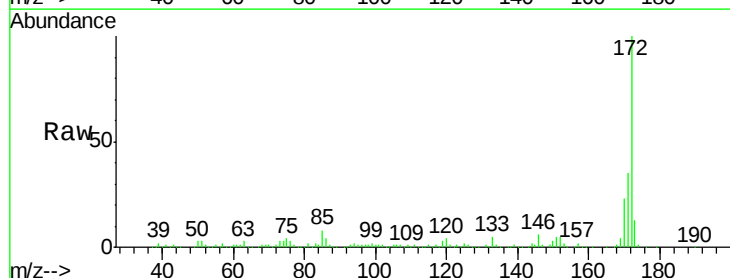
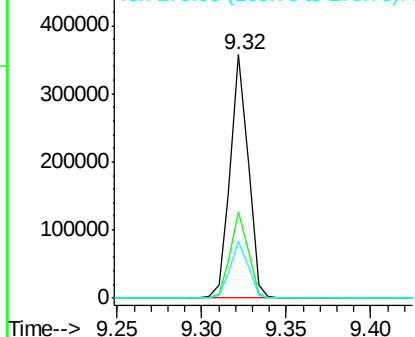
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.1	19.6	29.4

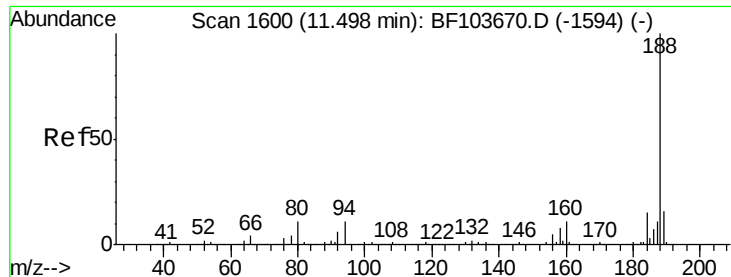
Abundance

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





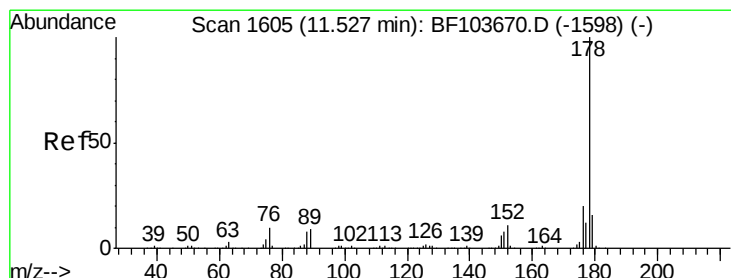
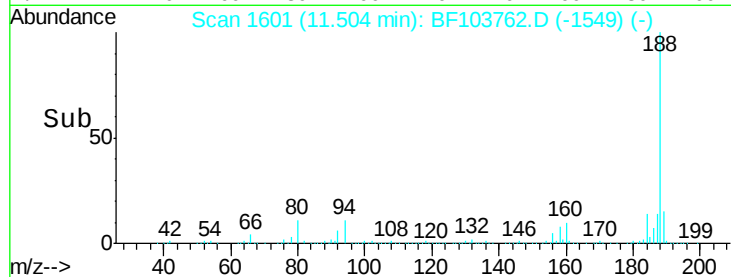
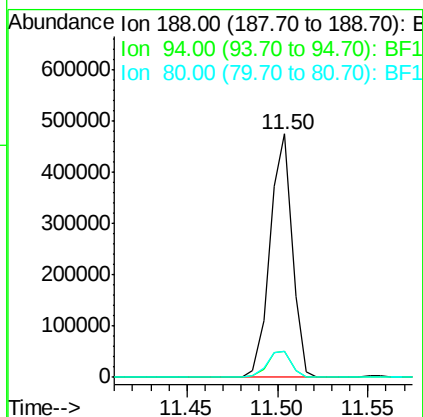
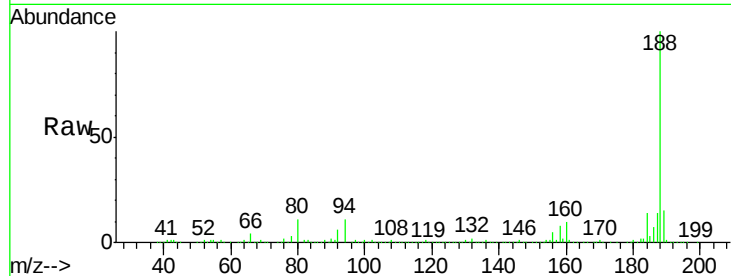
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :
OK-01-031618

Tot Ion	Ratio	Resp	Lower	Upper
188	100	403920		
94	10.6		8.5	12.7
80	10.9		9.2	13.8

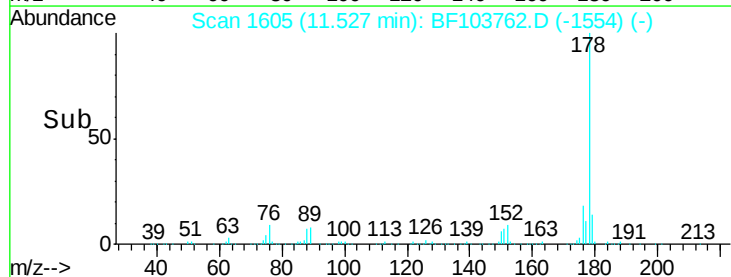
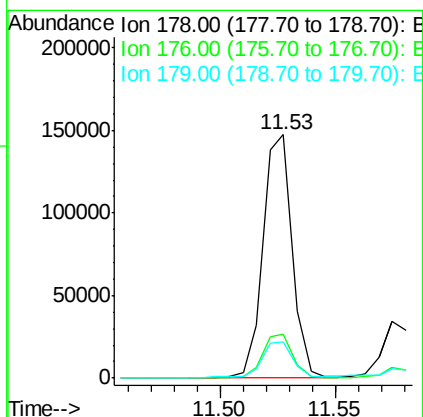
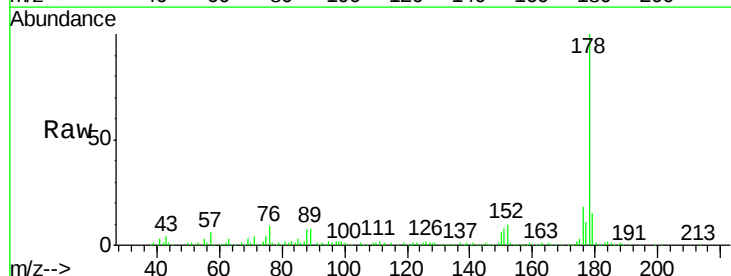
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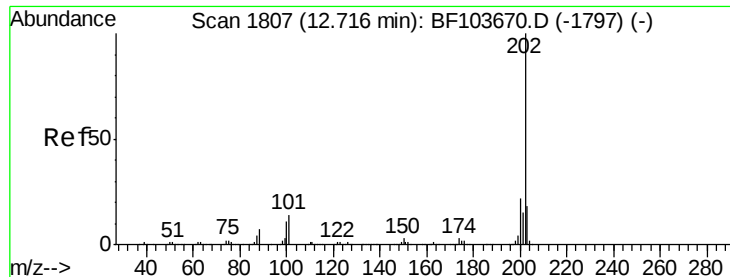
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#70
Phenanthrene
Concen: 5.921 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	130827		
176	18.1		15.8	23.8
179	14.9		13.0	19.6





#74

Fluoranthene

Concen: 6.121 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Instrument :

BNA_F

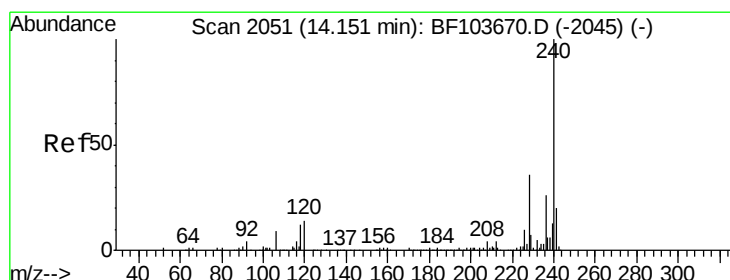
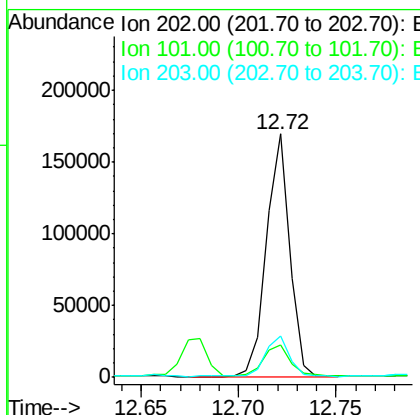
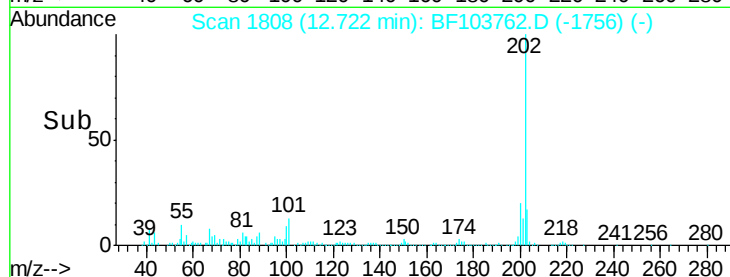
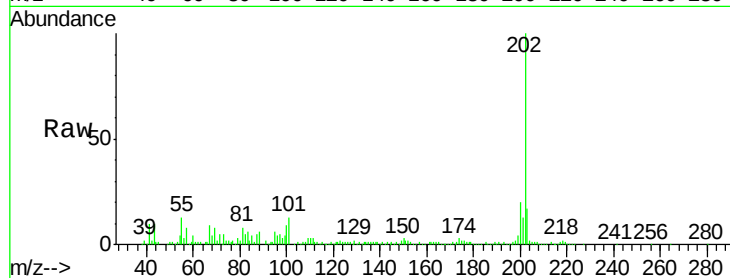
ClientSampleId :

OK-01-031618

Tot Ion	Ratio	Resp	Lower	Upper
202	100	139343		
101	13.3	0.0	34.1	
203	17.1	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

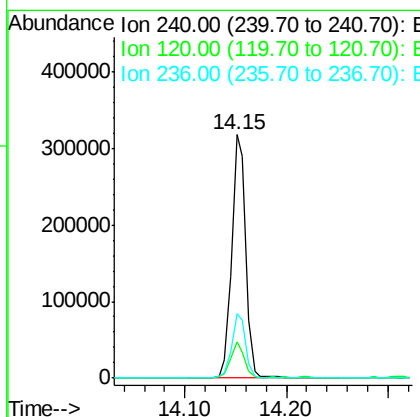
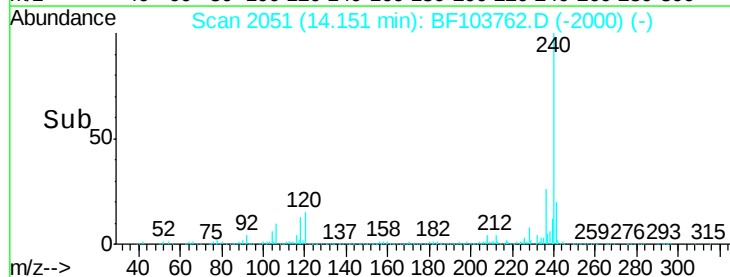
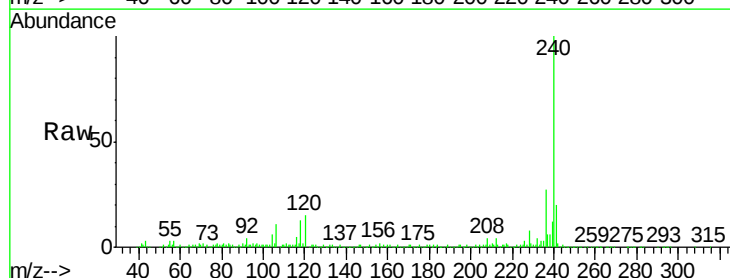
RT: 14.15 min Scan# 2051

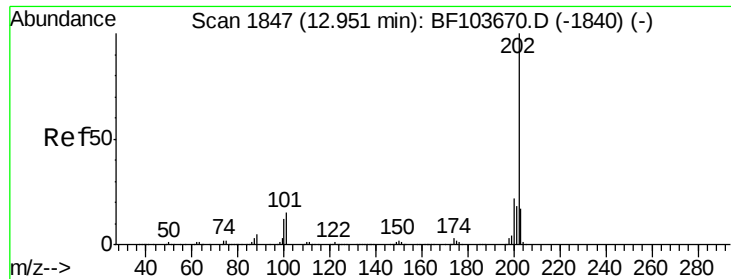
Delta R.T. 0.00 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	304308		
120	14.8	9.5	14.3#	
236	26.6	20.7	31.1	





#77

Pvrene

Concen: 6.964 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Instrument :

BNA_F

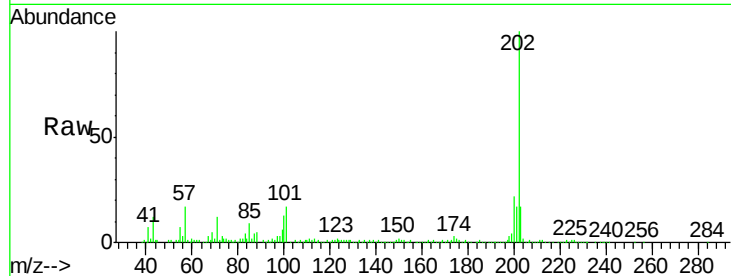
ClientSampled :

OK-01-031618

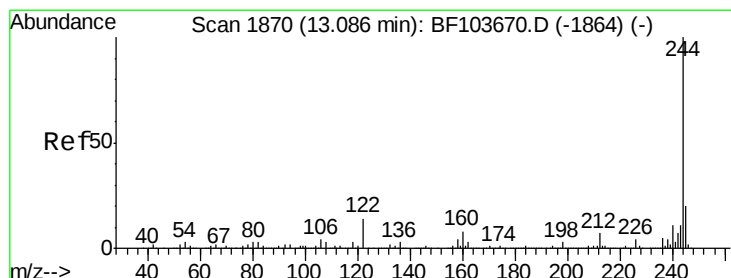
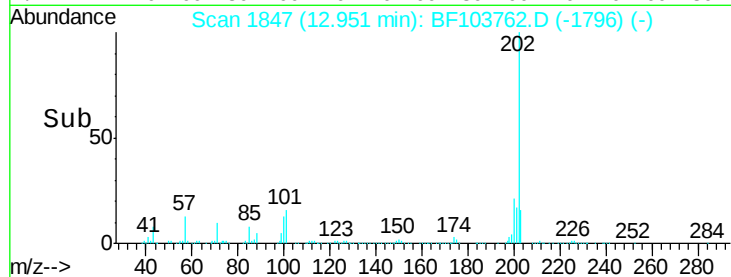
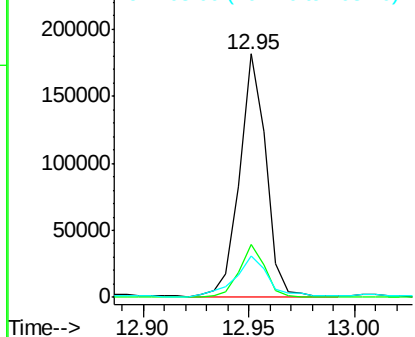
Tot Ion:	202	Resp:	155640
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 19.298 ng

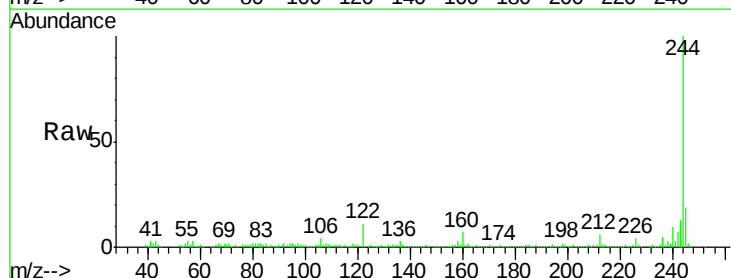
RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

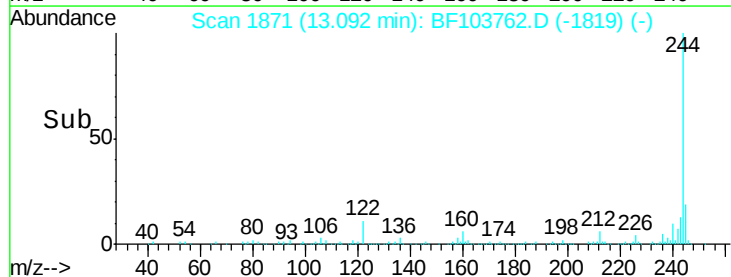
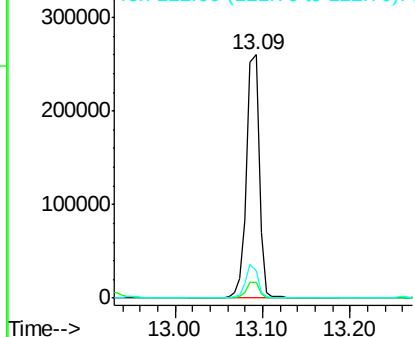
Lab File: BF103762.D

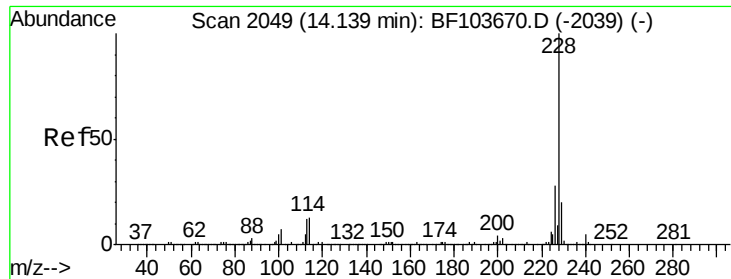
Acq: 19 Mar 2018 18:16

Tgt Ion:	244	Resp:	253007
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.2	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





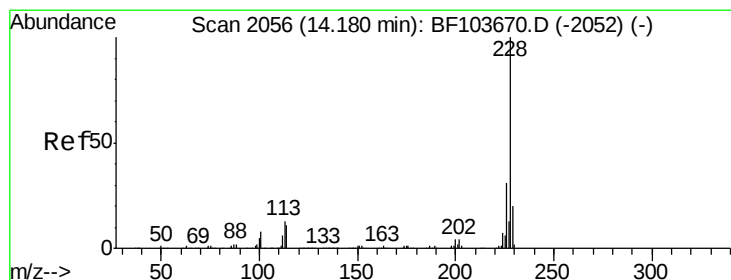
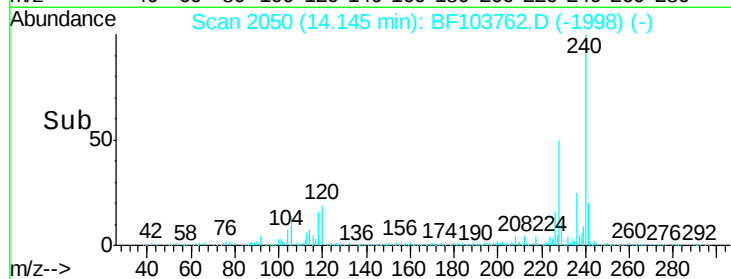
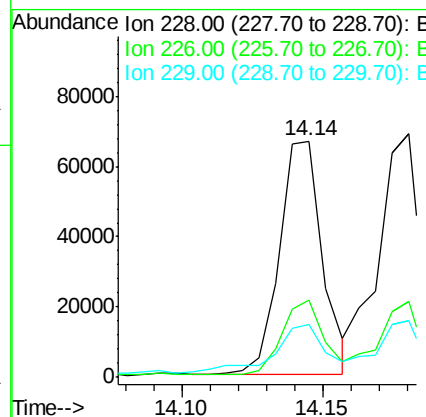
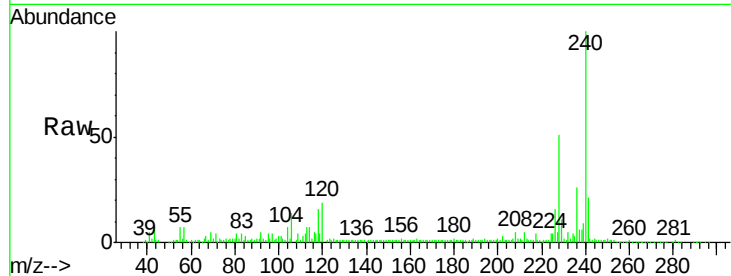
#80
Benzo(a)anthracene
Concen: 3.629 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :
OK-01-031618

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	22.4	15.8	23.6

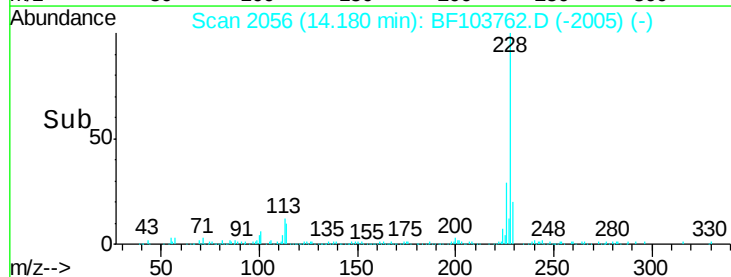
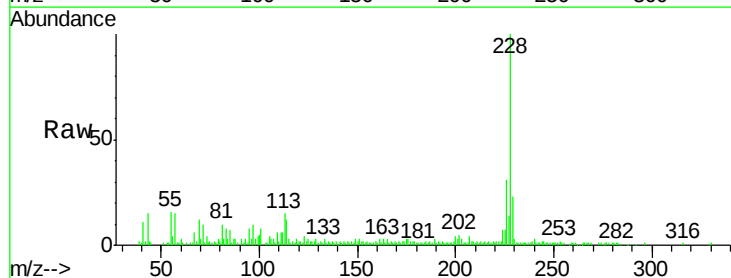
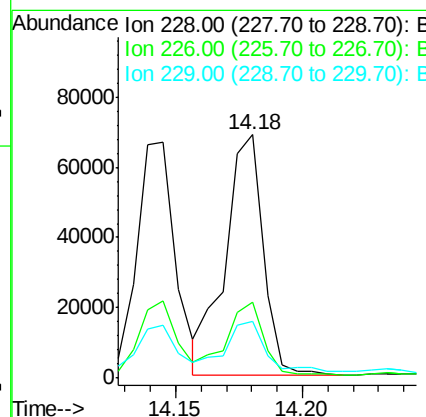
Manual Integrations
APPROVED

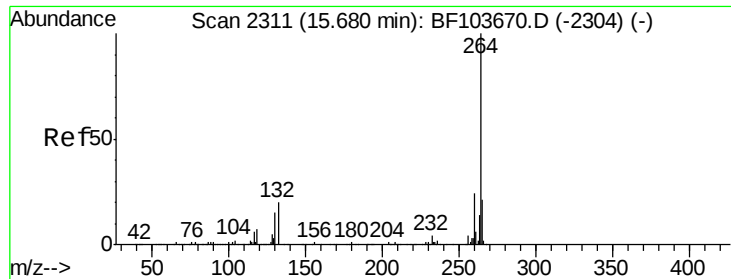
Sohil
3/20/2018 6:26:34 PM



#82
Chrysene
Concen: 3.897 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.3	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Instrument :

BNA_F

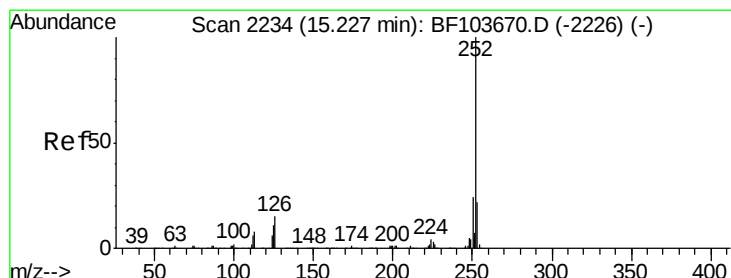
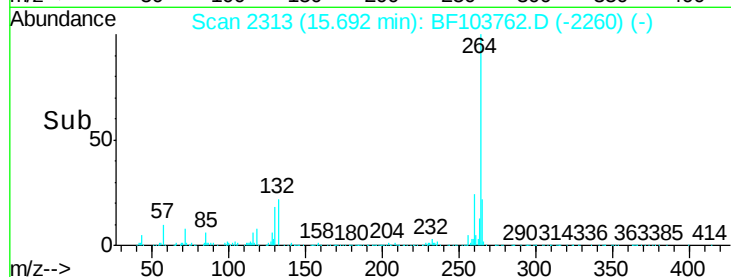
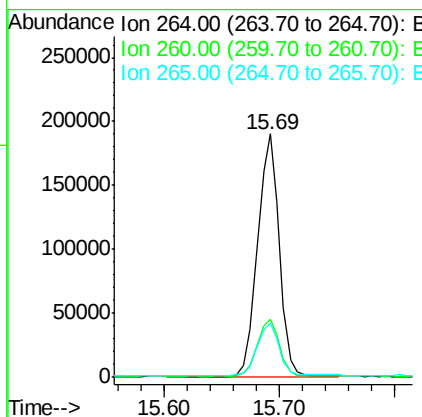
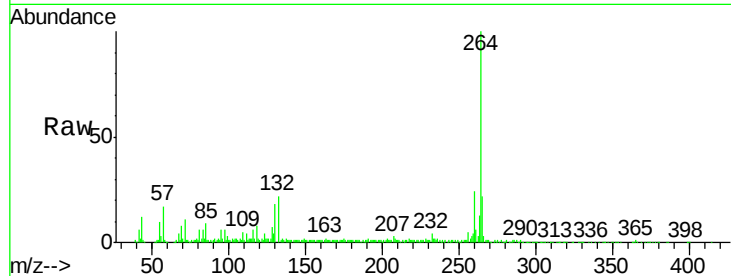
ClientSampleId :

OK-01-031618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.0		19.2	28.8	
265	22.4		17.5	26.3	

Manual Integrations
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3/20/2018 6:26:34 PM



#87

Benzo(b)fluoranthene

Concen: 4.145 ng m

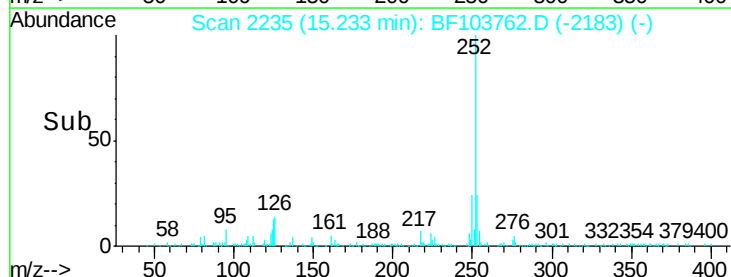
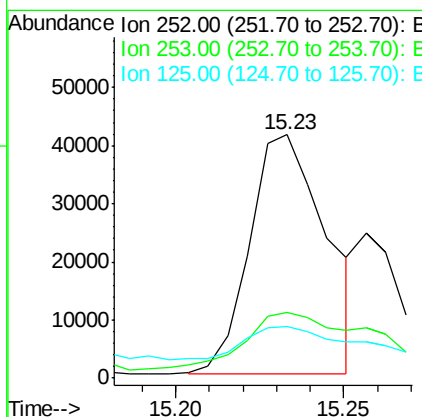
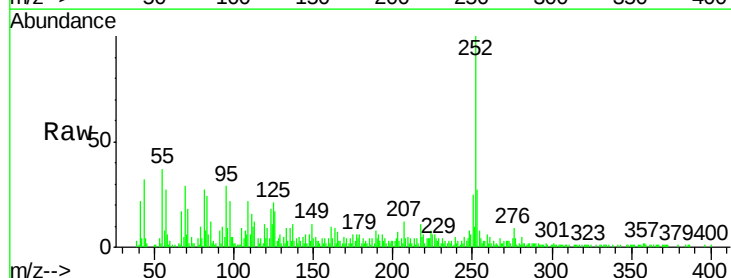
RT: 15.23 min Scan# 2235

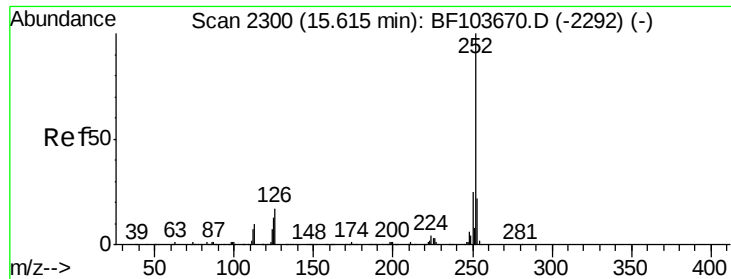
Delta R.T. 0.01 min

Lab File: BF103762.D

Acq: 19 Mar 2018 18:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	27.1		17.0	25.6#	
125	21.2		9.0	13.6#	





#89
 Benzo(a)pyrene
 Concen: 3.215 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BF103762.D
 Acq: 19 Mar 2018 18:16

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-031618

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	21.5	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:26:34 PM

