

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF102992.D
 Acq On : 14 Feb 2018 16:30
 Operator : SJ/JU
 Sample : J1539-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-ST-LINE-3-EW@4.5

Manual Integrations
 APPROVED

Sohil
 2/15/2018 11:06:18 AM

Quant Time: Feb 14 17:40:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169812	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	681279	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	263642	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	364043	20.00	ng	0.00
75) Chrysene-d12	14.04	240	316824	20.00	ng	0.00
86) Perylene-d12	15.52	264	277502	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1062706	95.04	ng	0.01
7) Phenol-d6	6.50	99	1261629	93.71	ng	0.00
23) Nitrobenzene-d5	7.44	82	779520	79.37	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	175606	82.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1065572	67.07	ng	0.00
78) Terphenyl-d14	12.99	244	737250	55.10	ng	0.00
Target Compounds						
10) Phenol	6.52	94	122420	8.485	ng	96
49) Dimethylphthalate	9.62	163	105359	5.125	ng	100
70) Phenanthrene	11.42	178	50882	2.510	ng	98
74) Fluoranthene	12.62	202	76643	3.757	ng	99
77) Pyrene	12.84	202	75754	3.049	ng	96
80) Benzo(a)anthracene	14.03	228	42907m	2.153	ng	
82) Chrysene	14.07	228	45320	2.256	ng	97
87) Benzo(b)fluoranthene	15.09	252	59839m	3.326	ng	
89) Benzo(a)pyrene	15.46	252	35456	2.189	ng	# 87

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

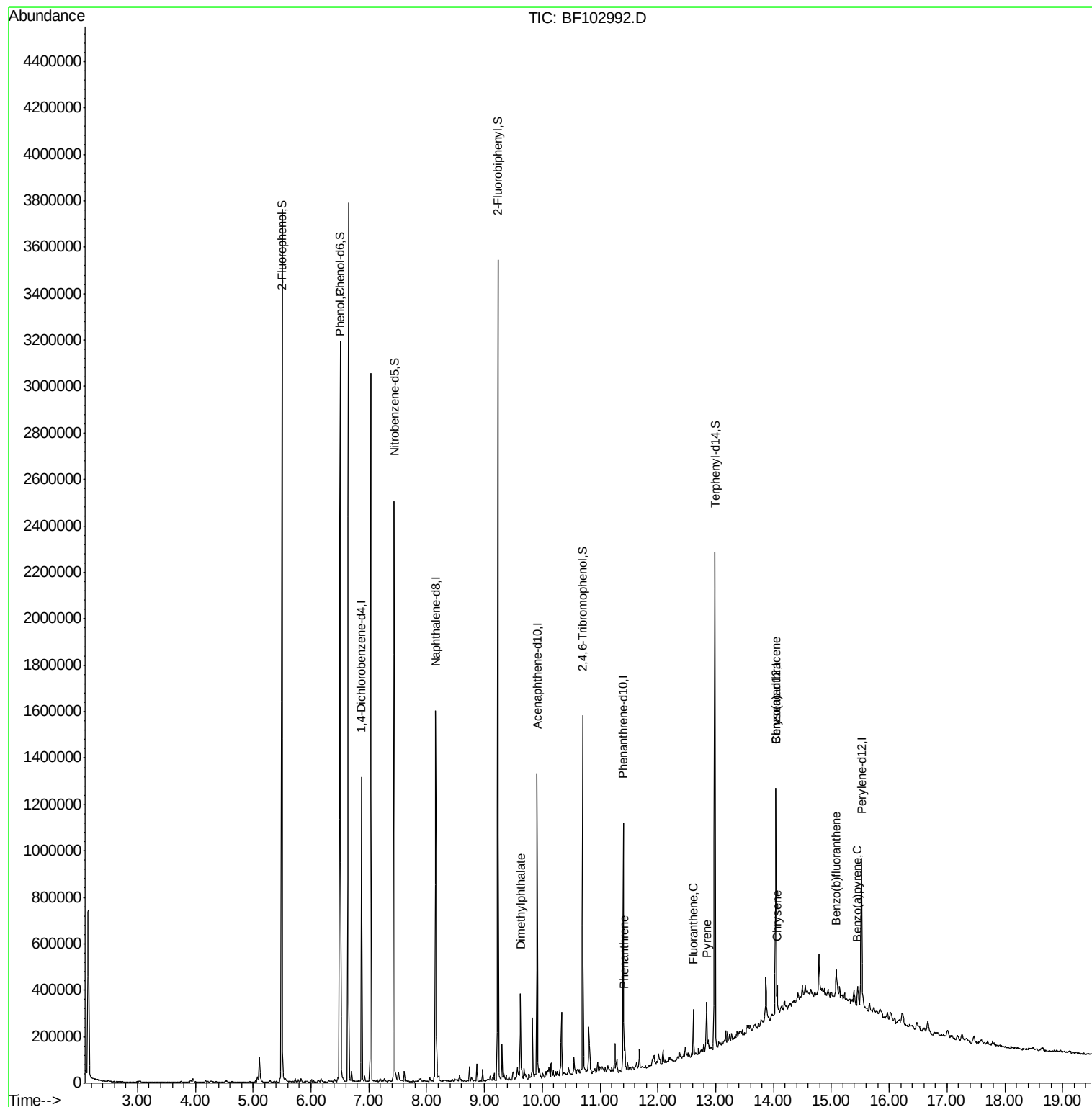
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102992.D
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Sample : J1539-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

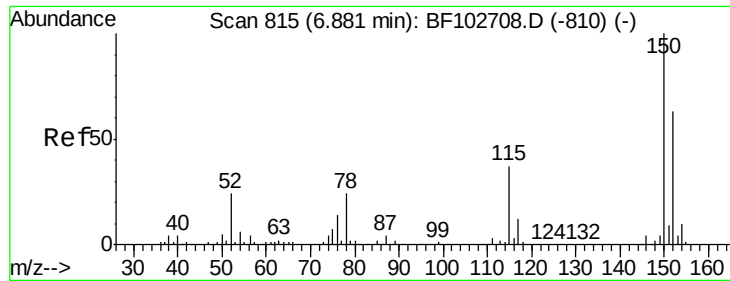
Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Manual Integrations
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2/15/2018 11:06:18 AM

Quant Time: Feb 14 17:40:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

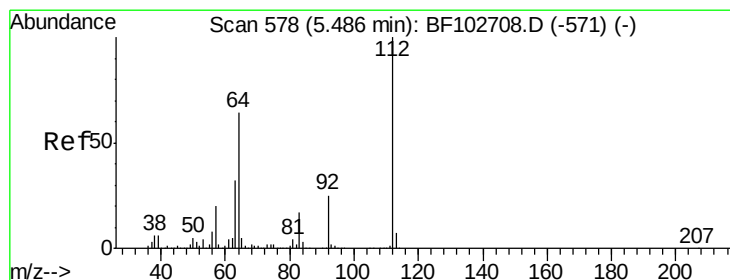
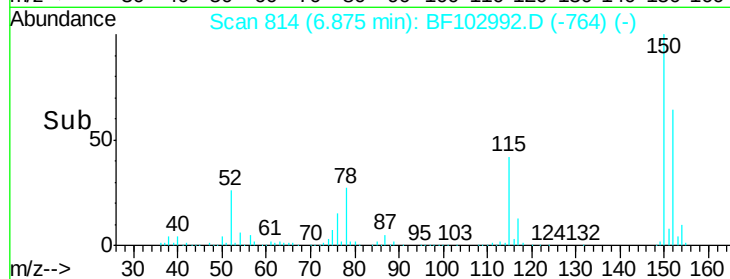
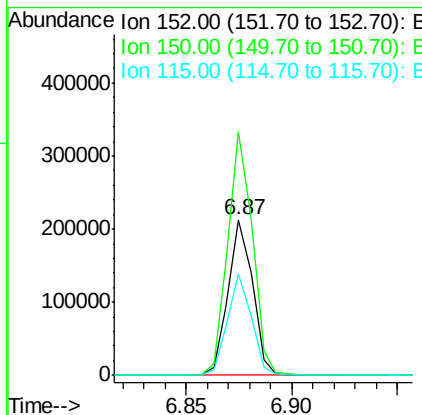
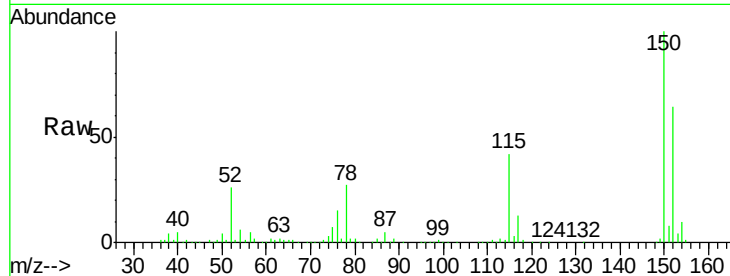
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	64.8	50.1	75.1

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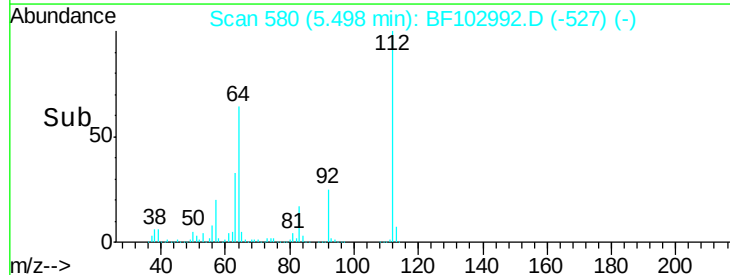
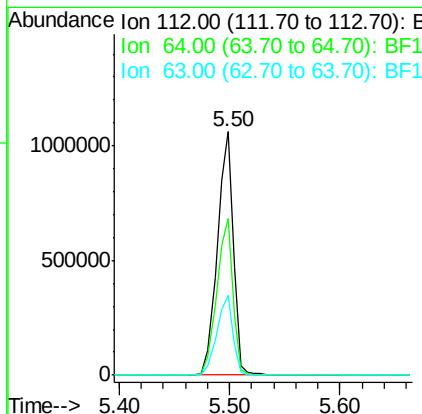
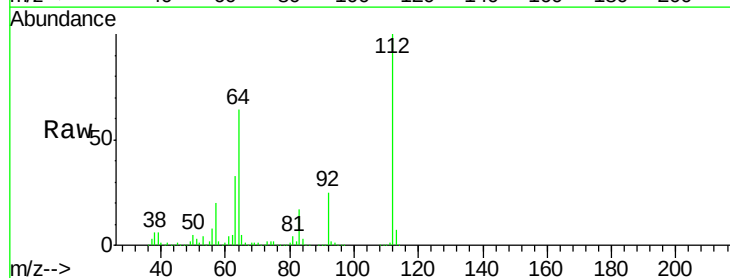
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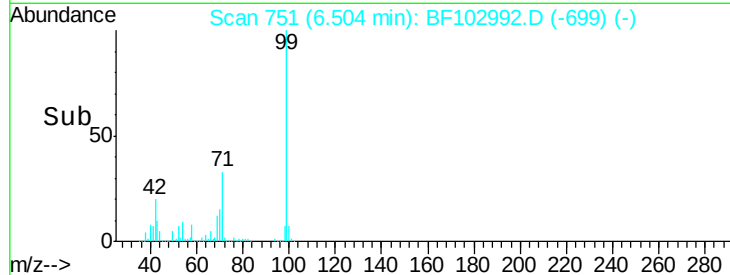
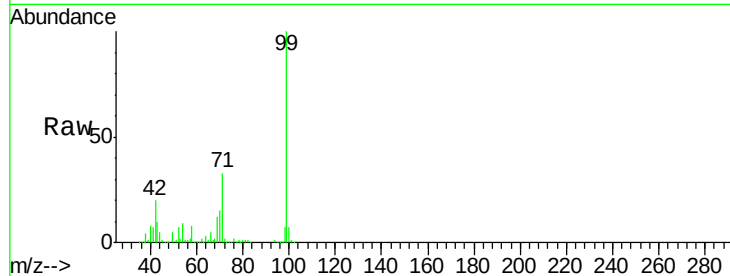
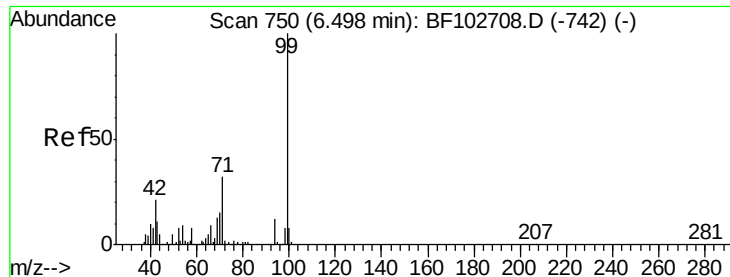


#5

2-Fluorophenol
Concen: 95.040 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	32.6	23.7	35.5





#7

Phenol-d6

Concen: 93.708 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Tot Ion:	99	Resp:	1261629
Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.8	25.4	38.0

Instrument :

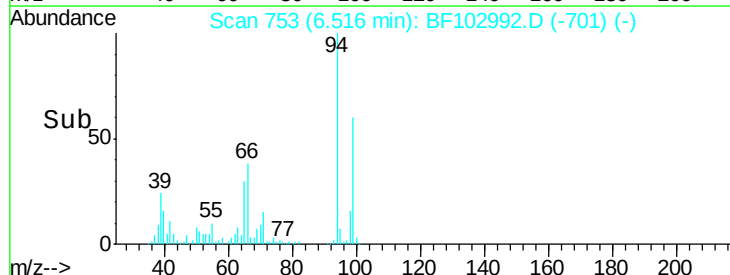
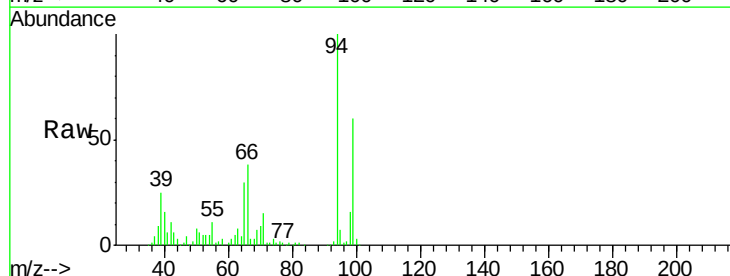
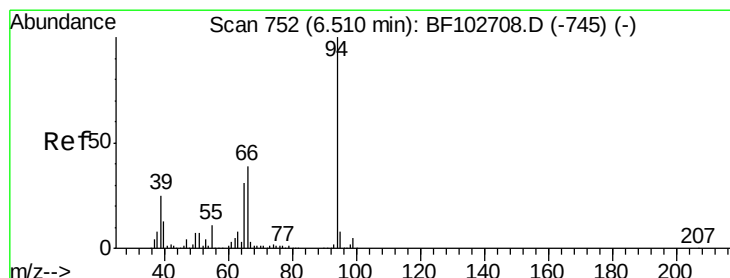
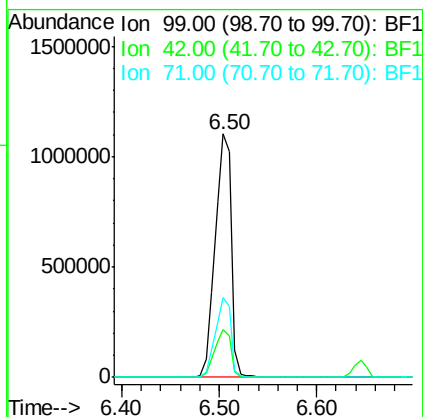
BNA_F

ClientSampleId :

MAIN-ST-LINE-3-EW@4.5

Manual Integrations
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#10

Phenol

Concen: 8.485 ng

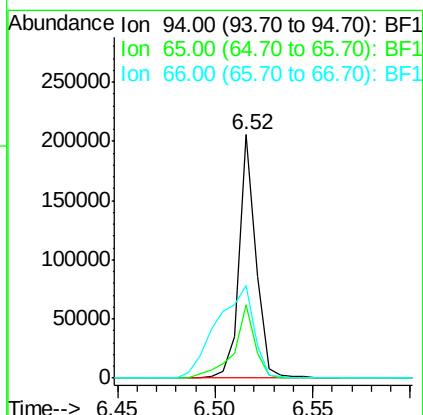
RT: 6.52 min Scan# 753

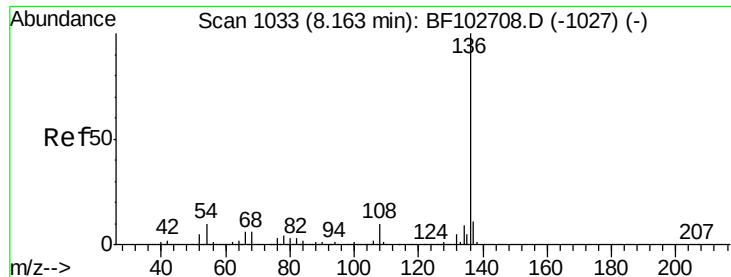
Delta R.T. 0.01 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Tgt Ion:	94	Resp:	122420
Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	38.2	16.2	56.2





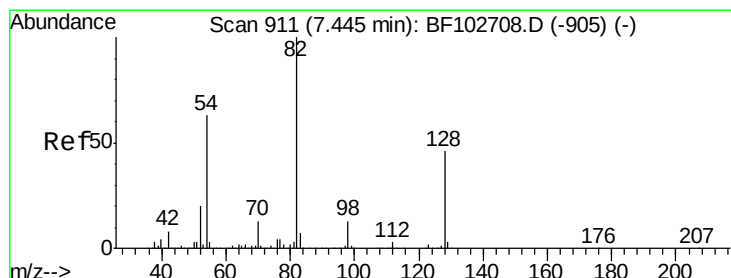
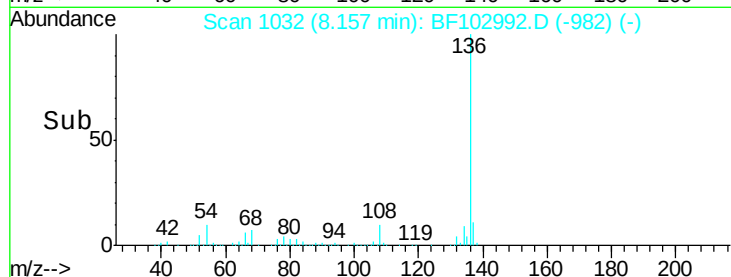
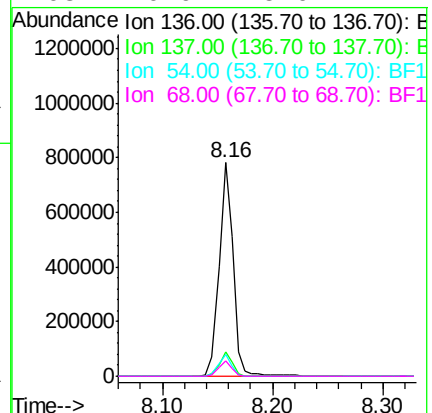
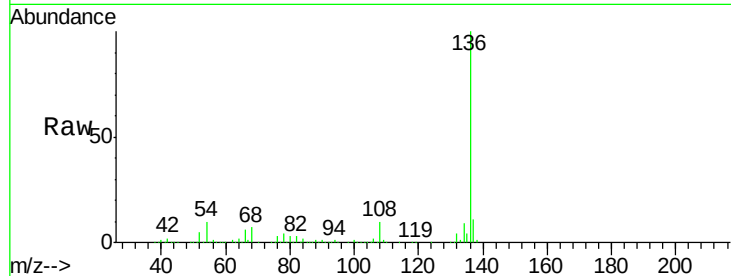
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		681279		
137	11.1		8.9	13.3	
54	10.1		6.6	9.8	
68	6.9		5.0	7.4	

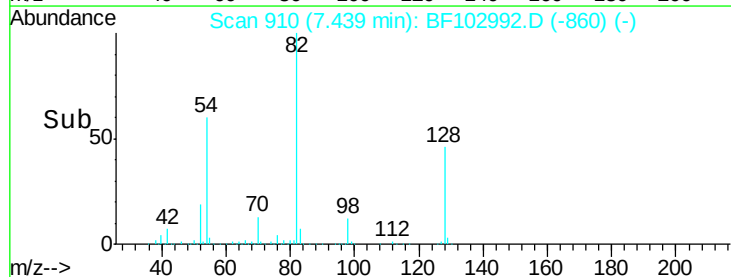
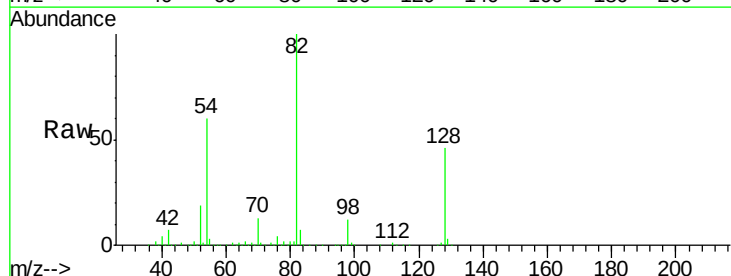
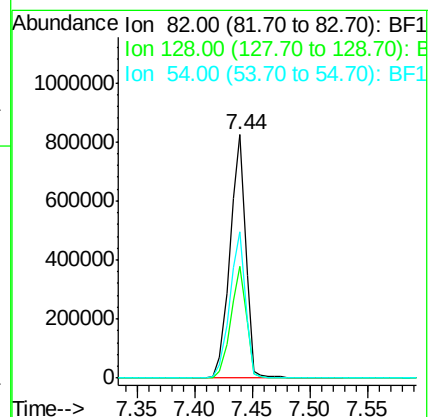
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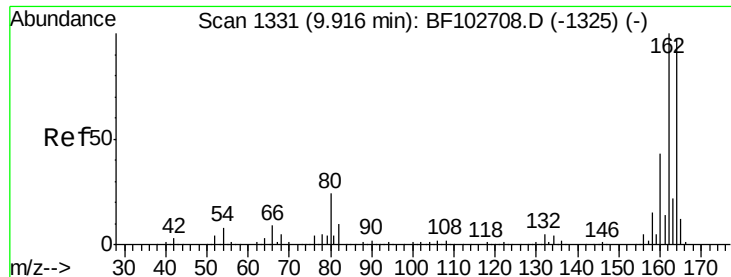
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#23
Nitrobenzene-d5
Concen: 79.374 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		779520		
128	45.9		36.1	54.1	
54	60.1		41.4	62.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Instrument :

BNA_F

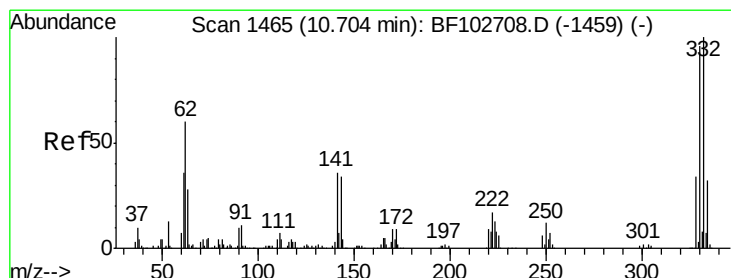
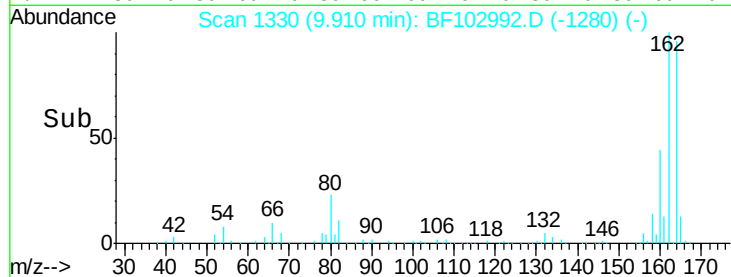
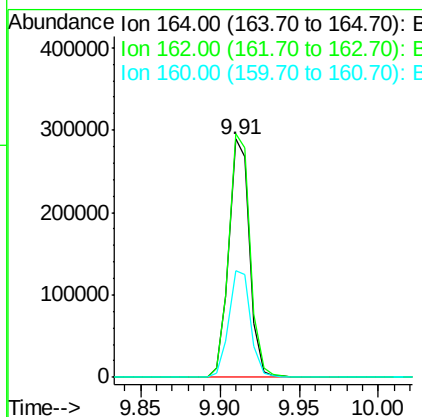
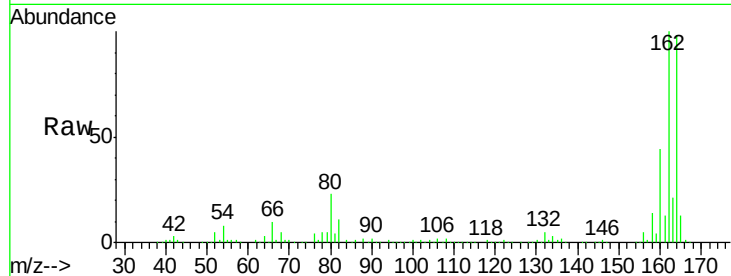
ClientSampleId :

MAIN-ST-LINE-3-EW@4.5

Tot Ion:	164	Resp:	263642
Ion Ratio	Lower	Upper	
164	100		
162	102.2	86.1	129.1
160	45.0	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 82.755 ng

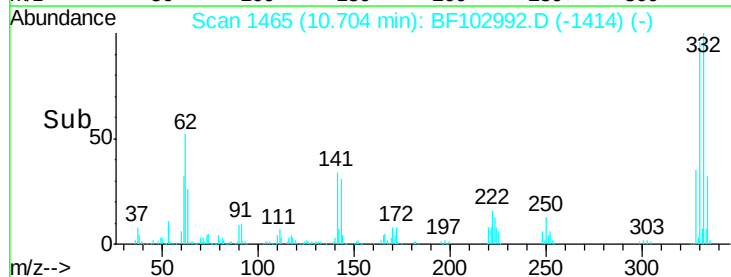
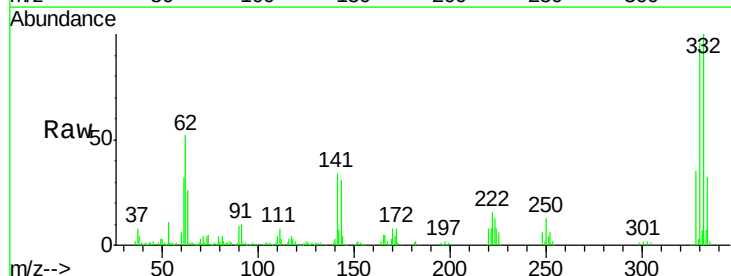
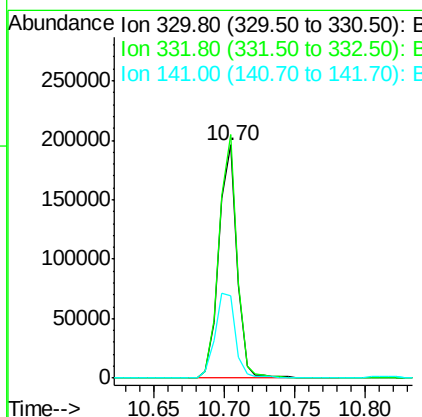
RT: 10.70 min Scan# 1465

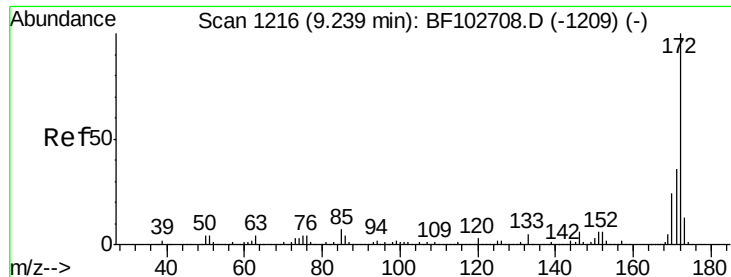
Delta R.T. 0.00 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Tgt Ion:	330	Resp:	175606
Ion Ratio	Lower	Upper	
330	100		
332	103.5	77.0	115.6
141	40.6	29.9	44.9





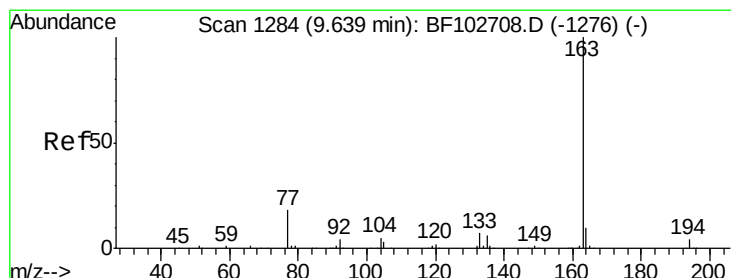
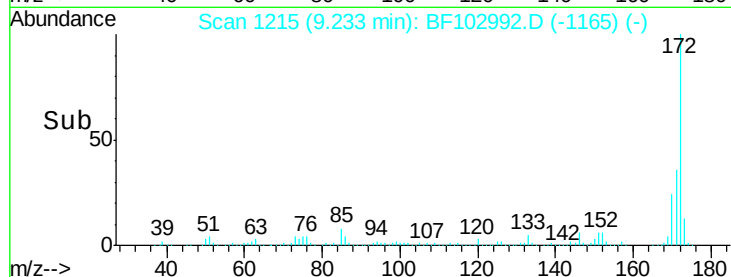
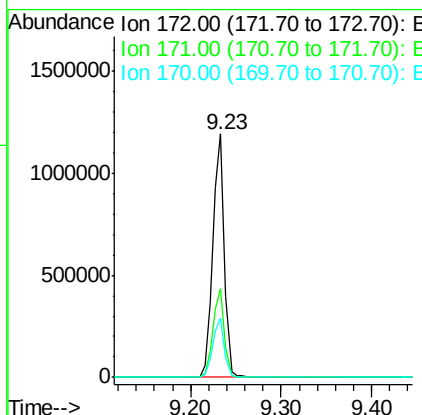
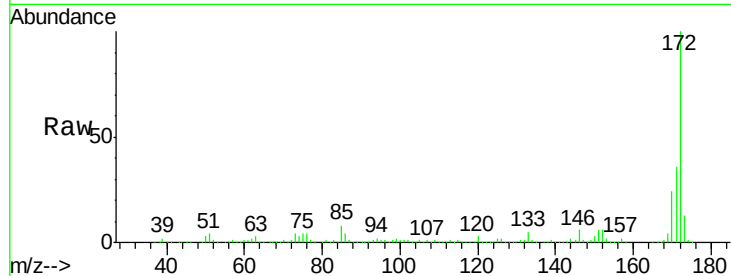
#44
2-Fluorobiphenyl
Concen: 67.067 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

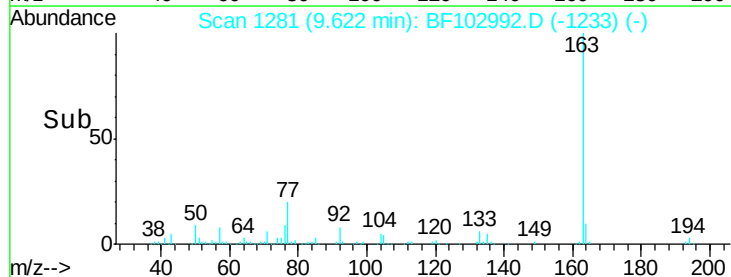
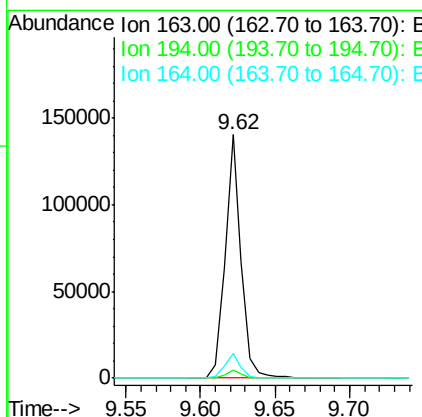
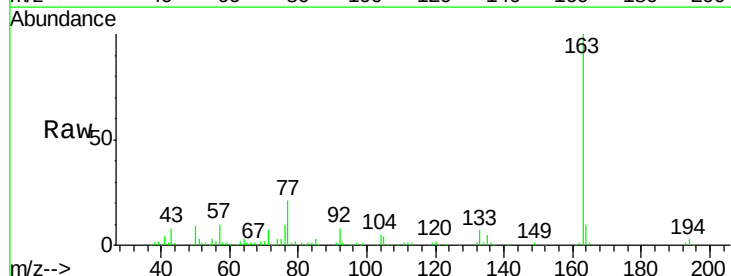
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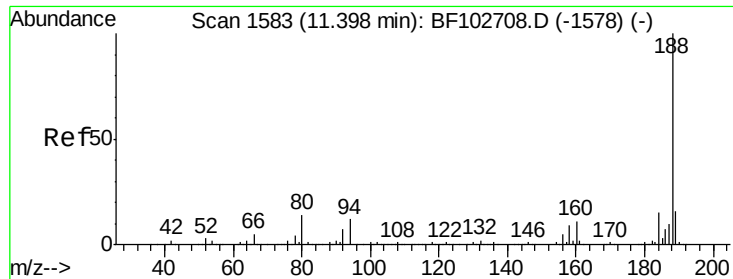
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#49
Dimethylphthalate
Concen: 5.125 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2





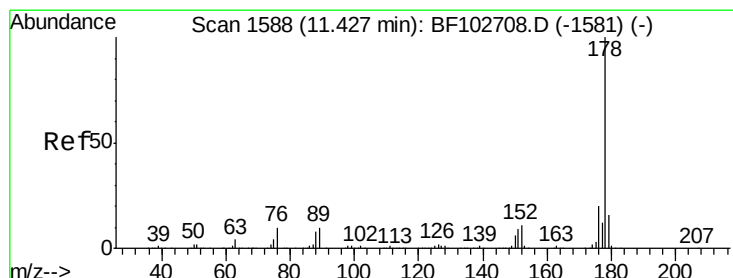
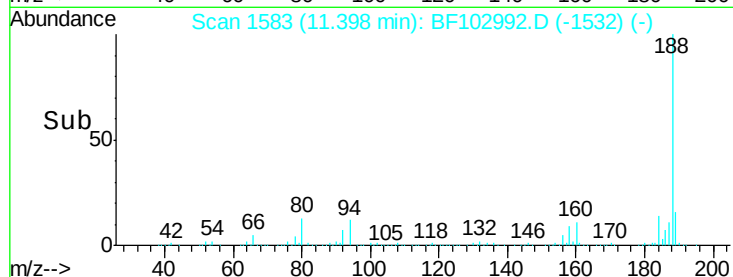
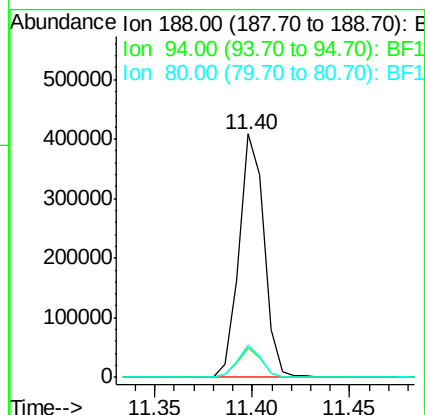
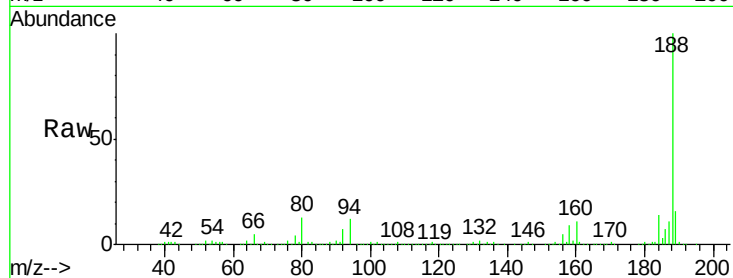
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	364043		
94	12.3		8.5	12.7
80	13.4		9.2	13.8

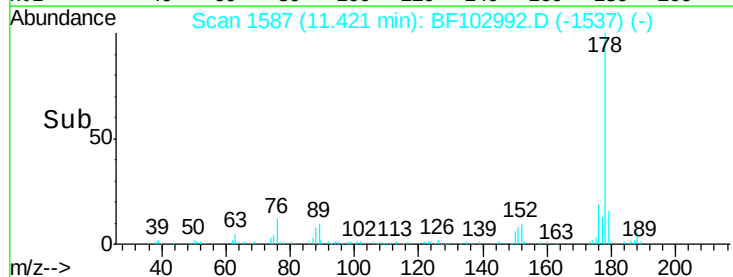
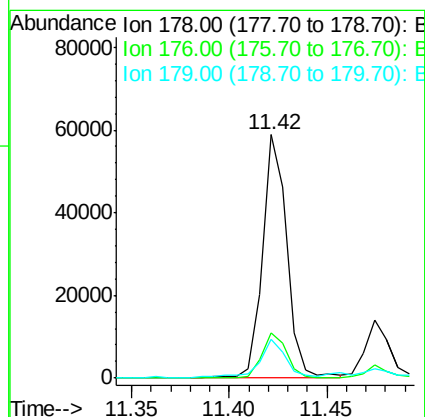
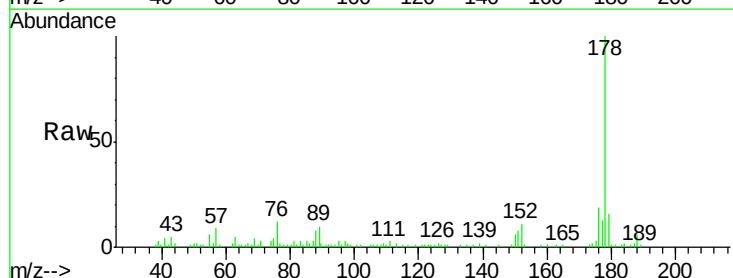
Manual Integrations
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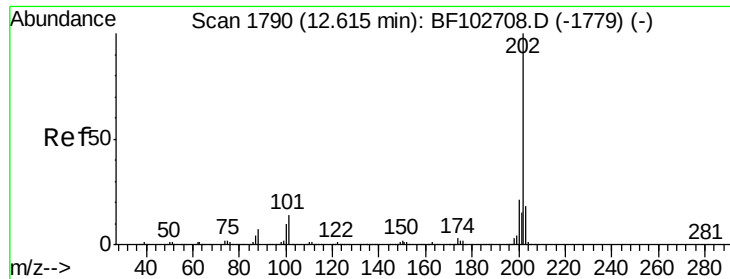
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#70
Phenanthrene
Concen: 2.510 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	50882		
176	18.8		15.8	23.8
179	15.9		13.0	19.6





#74

Fluoranthene

Concen: 3.757 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Instrument :

BNA_F

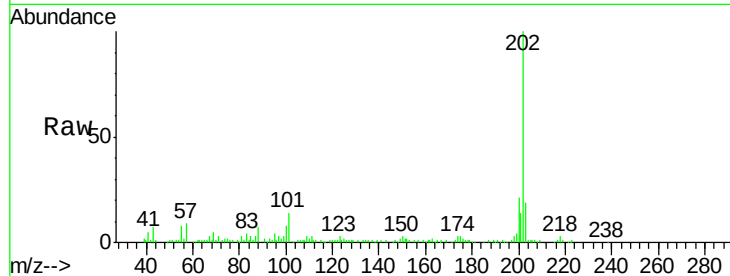
ClientSampleId :

MAIN-ST-LINE-3-EW@4.5

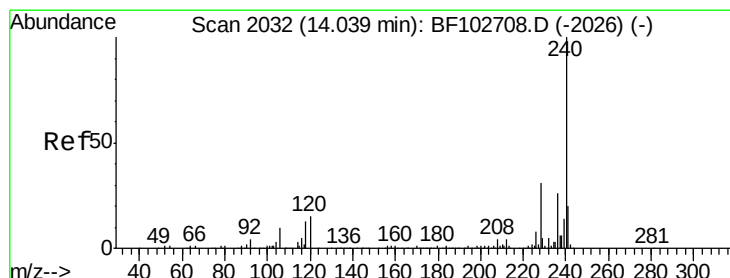
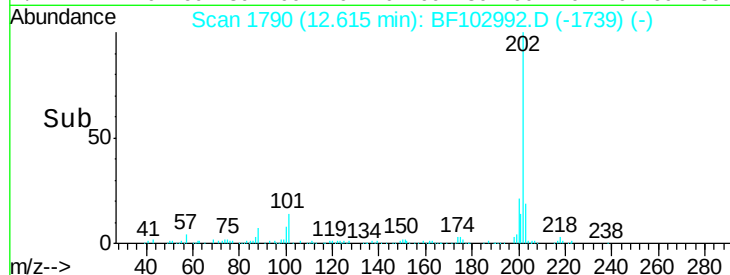
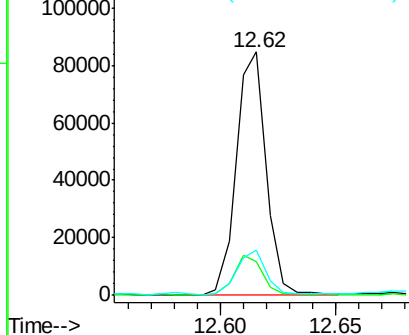
Tot Ion:	202	Resp:	76643
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	18.6	0.0	38.1

Manual Integrations
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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



#75

Chrysene-d12

Concen: 20.000 ng

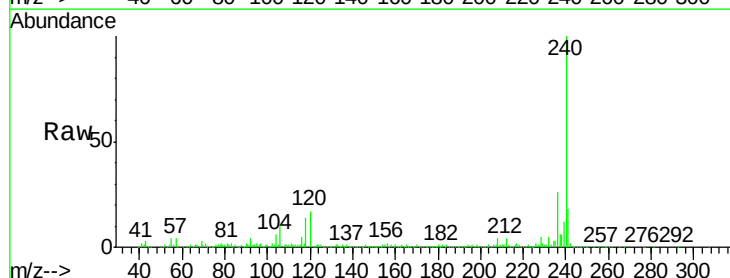
RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

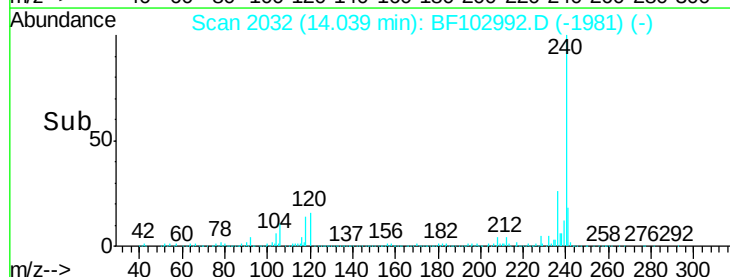
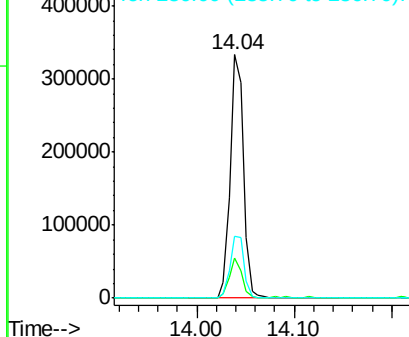
Lab File: BF102992.D

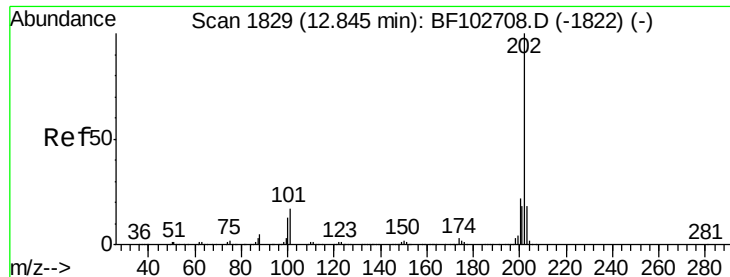
Acq: 14 Feb 2018 16:30

Tgt Ion:	240	Resp:	316824
Ion Ratio	Lower	Upper	
240	100		
120	16.5	9.5	14.3#
236	25.6	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.049 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Instrument :

BNA_F

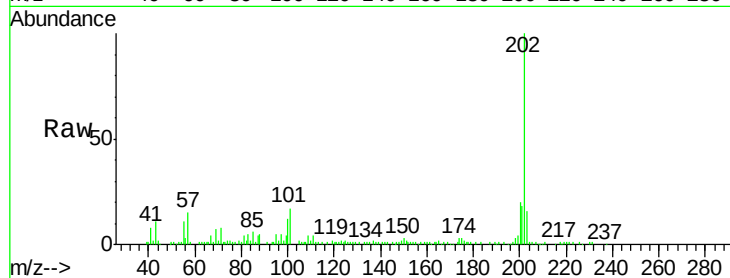
ClientSampleId :

MAIN-ST-LINE-3-EW@4.5

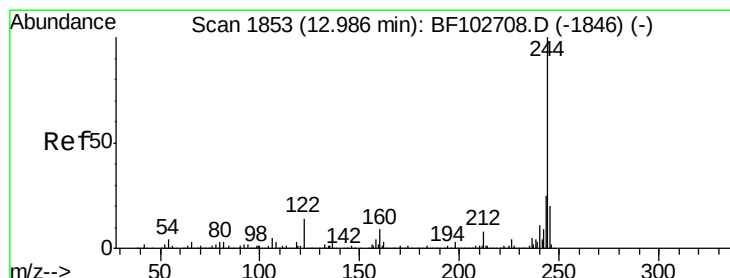
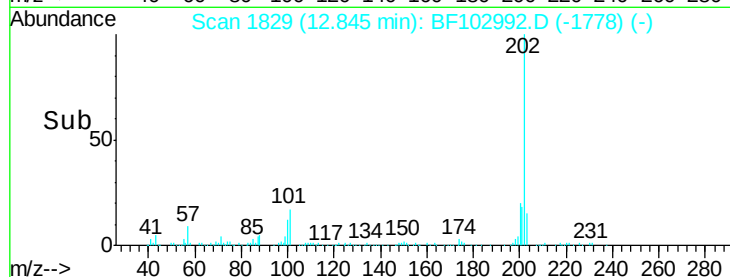
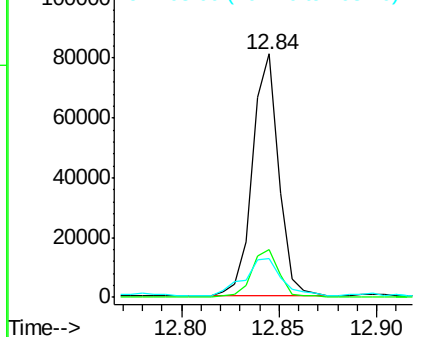
Tot Ion:	202	Resp:	75754
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	16.0	14.3	21.5

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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: 55.098 ng

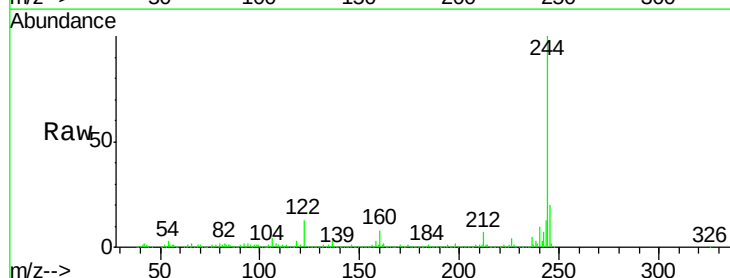
RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

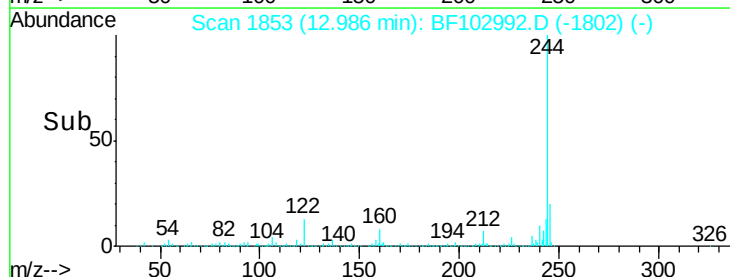
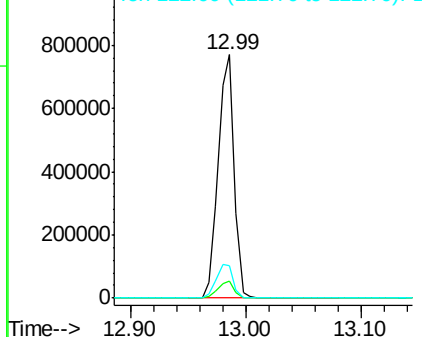
Lab File: BF102992.D

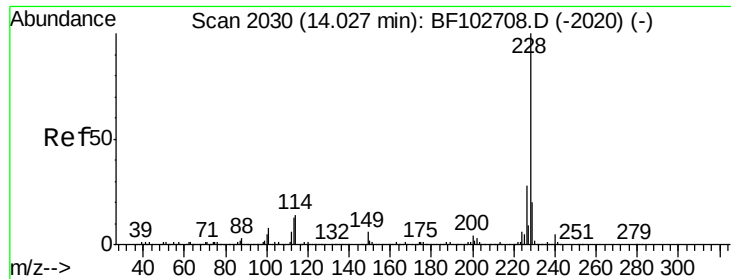
Acq: 14 Feb 2018 16:30

Tgt Ion:	244	Resp:	737250
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	13.2	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





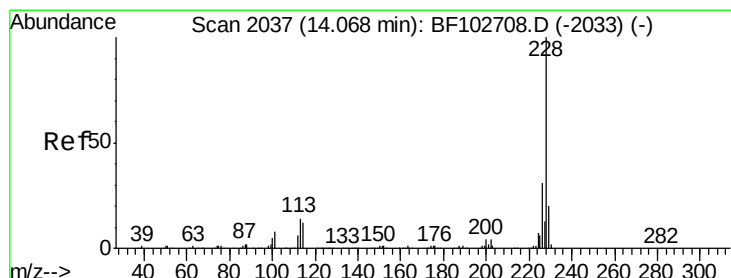
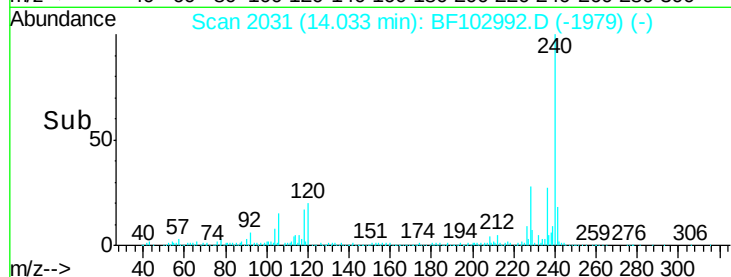
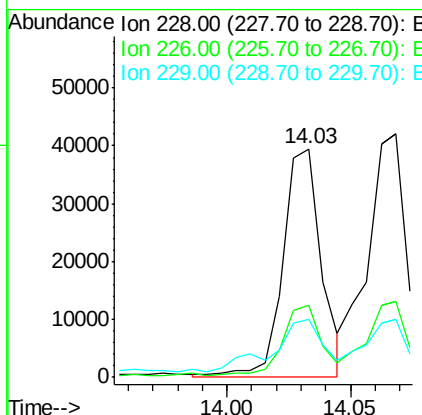
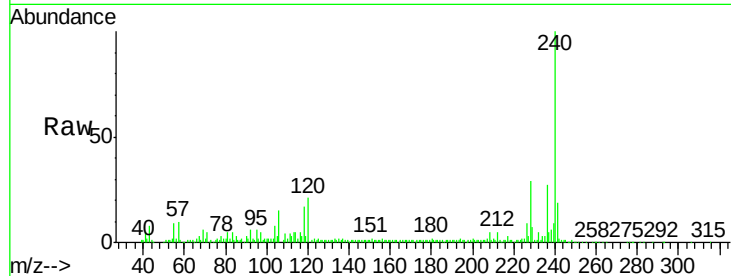
#80
Benzo(a)anthracene
Concen: 2.153 ng m
RT: 14.03 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	25.4	15.8	23.6

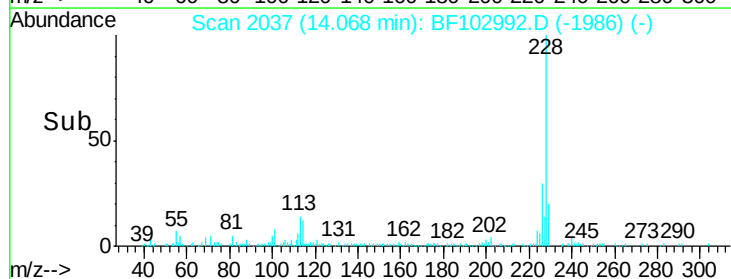
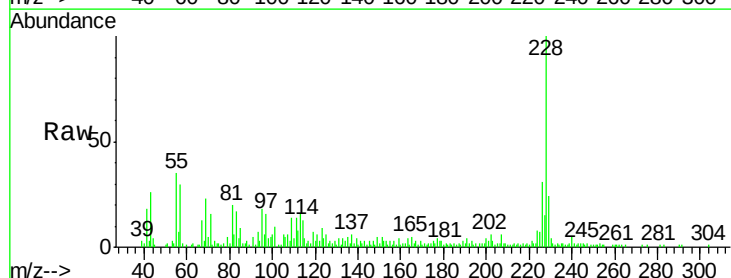
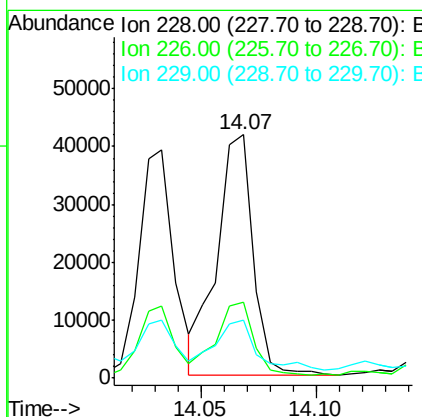
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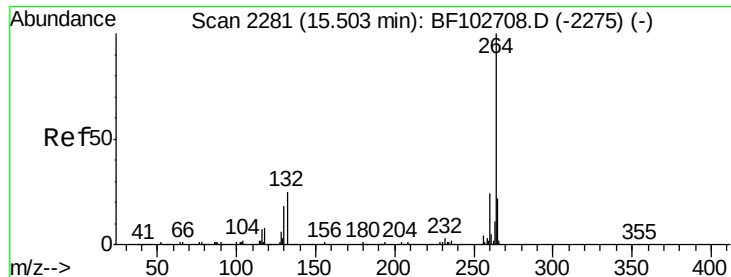
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#82
Chrysene
Concen: 2.256 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	23.6	16.2	24.4





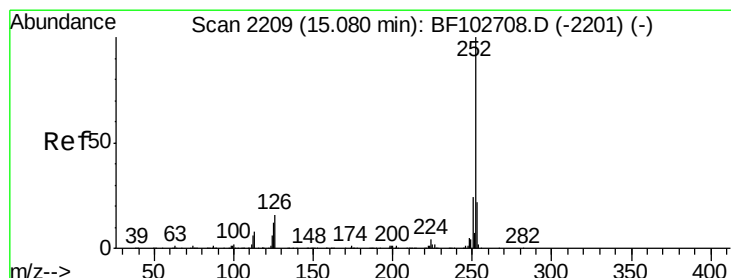
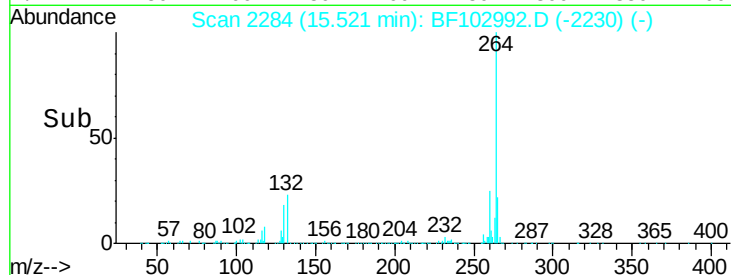
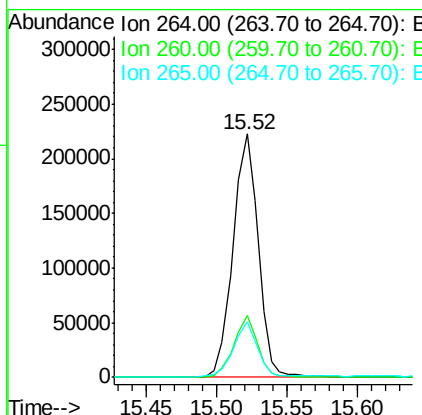
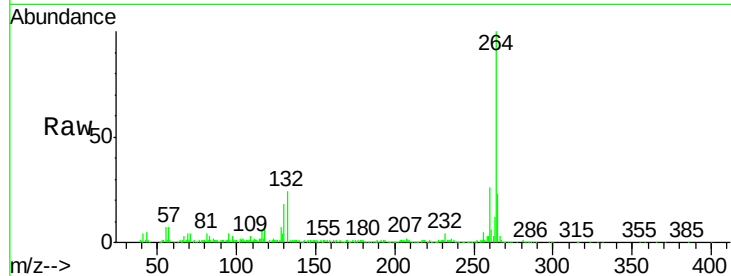
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Instrument :
BNA_F
ClientSampleId :
MAIN-ST-LINE-3-EW@4.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.6	17.5	26.3

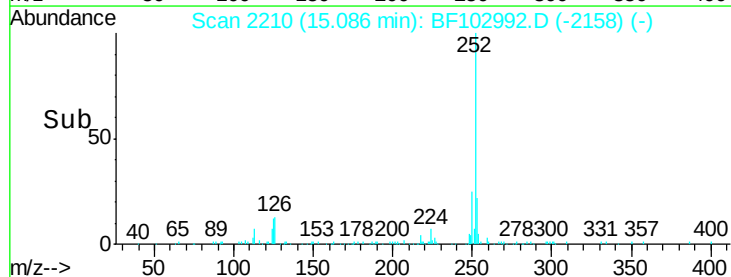
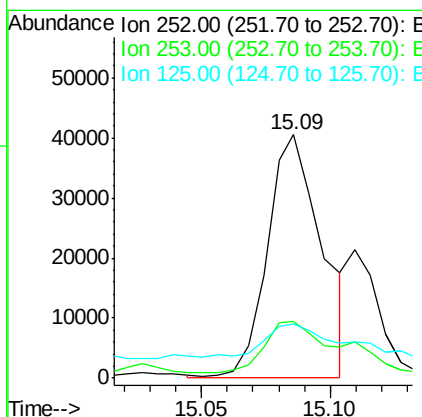
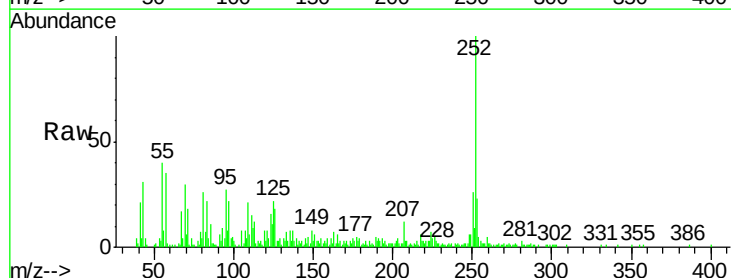
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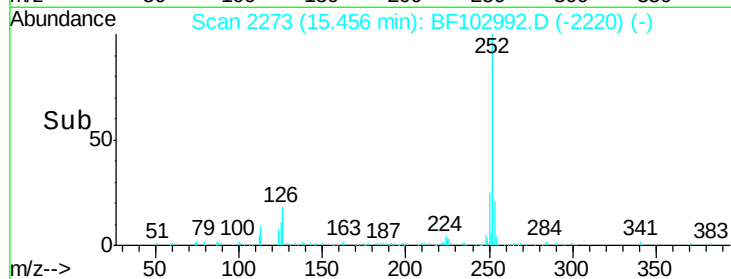
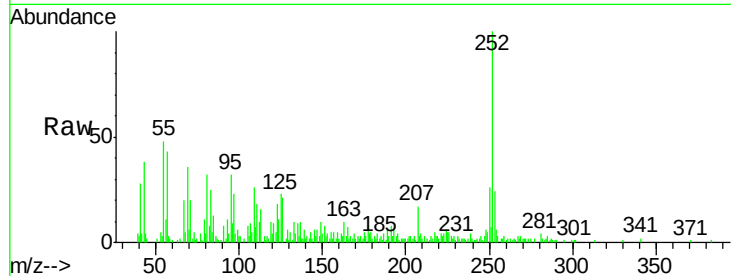
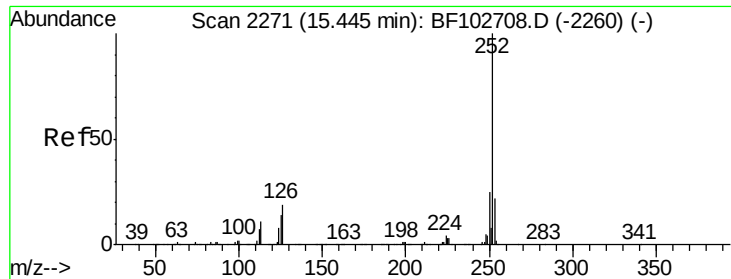
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#87
Benzo(b)fluoranthene
Concen: 3.326 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF102992.D
Acq: 14 Feb 2018 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	22.1	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.189 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF102992.D

Acq: 14 Feb 2018 16:30

Instrument :

BNA_F

ClientSampleId :

MAIN-ST-LINE-3-EW@4.5

Tot Ion:	252	Resp:	35456
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	22.6	9.8	14.6

Manual Integrations
APPROVED

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2/15/2018 11:06:18 AM

