

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103569.D
 Acq On : 9 Mar 2018 20:40
 Operator : SJ/JU
 Sample : J1821-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Manual Integrations
 APPROVED

Sohil
 3/12/2018 3:50:33 PM

Quant Time: Mar 09 23:34:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148126	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	624302	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	241499	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	331516	20.00	ng	0.00
75) Chrysene-d12	14.06	240	244250	20.00	ng	0.00
86) Perylene-d12	15.57	264	205043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	55543	5.67	ng	0.05
7) Phenol-d6	6.52	99	258328	21.56	ng	0.01
23) Nitrobenzene-d5	7.43	82	454414	41.57	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	5639	2.76	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	696958	43.93	ng	0.00
78) Terphenyl-d14	12.99	244	526845	51.85	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.94	149	698728	29.973	ng	99
74) Fluoranthene	12.63	202	73690	4.019	ng	99
77) Pyrene	12.86	202	74038	3.888	ng	98
80) Benzo(a)anthracene	14.05	228	43572	2.749	ng	96
82) Chrysene	14.09	228	34193	2.222	ng	96
83) Bis(2-ethylhexyl)phthalate	14.00	149	38869	2.863	ng	# 99
87) Benzo(b)fluoranthene	15.13	252	41350m	3.067	ng	
89) Benzo(a)pyrene	15.51	252	33023	2.743	ng	# 86

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

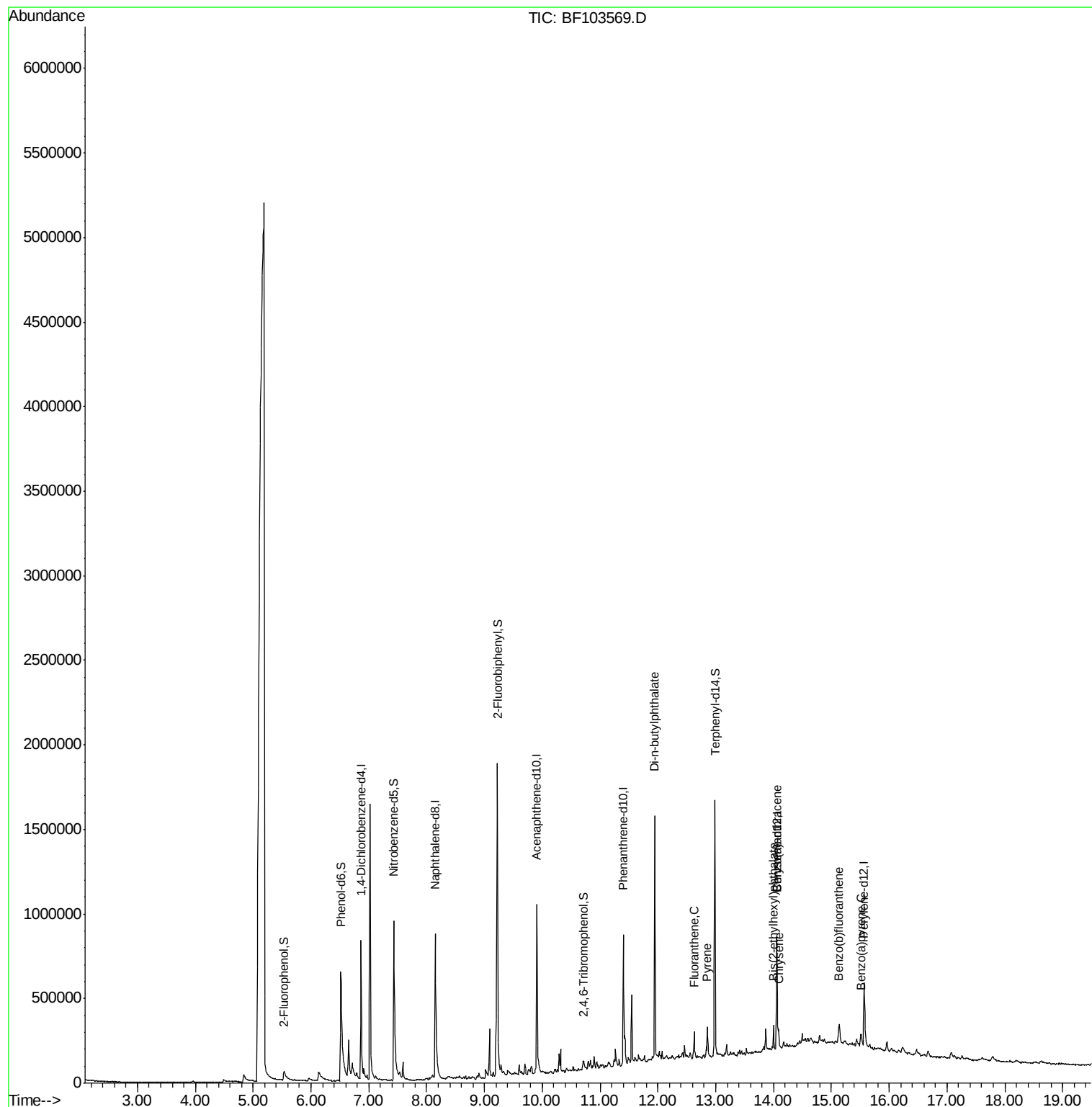
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103569.D
Acq On : 9 Mar 2018 20:40
Operator : SJ/JU
Sample : J1821-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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AMENDED-COMPOSITE-4-5-201802

Manual Integrations
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Quant Time: Mar 09 23:34:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration





#1

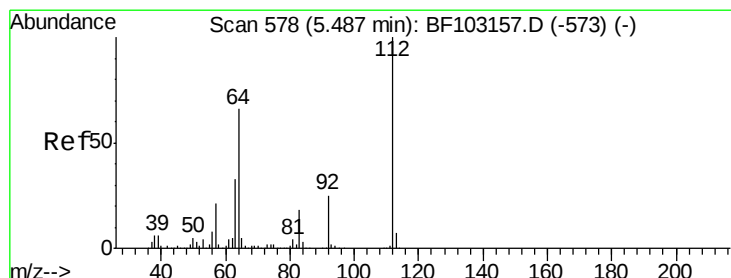
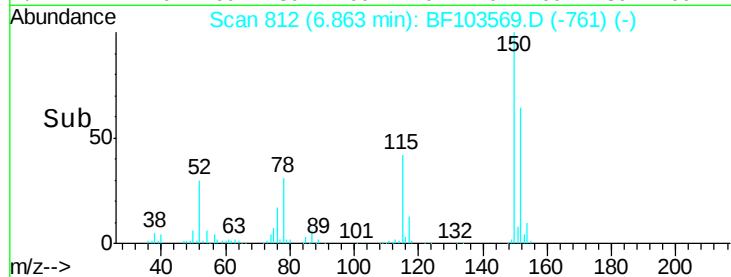
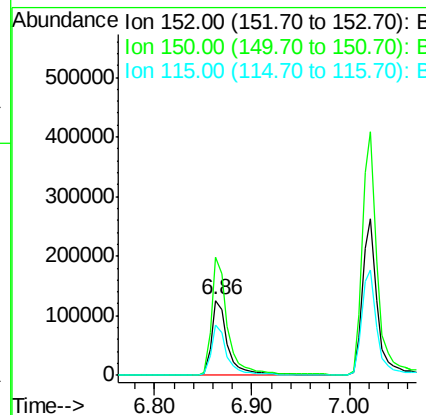
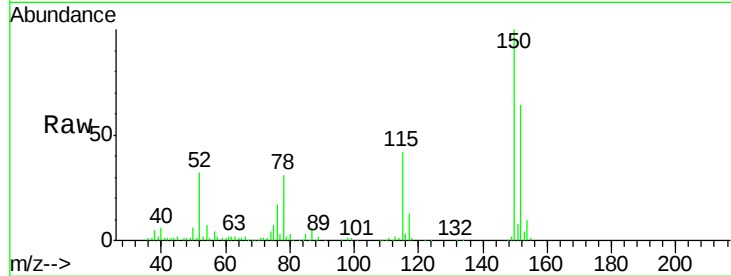
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	66.7	50.1	75.1

Manual Integrations
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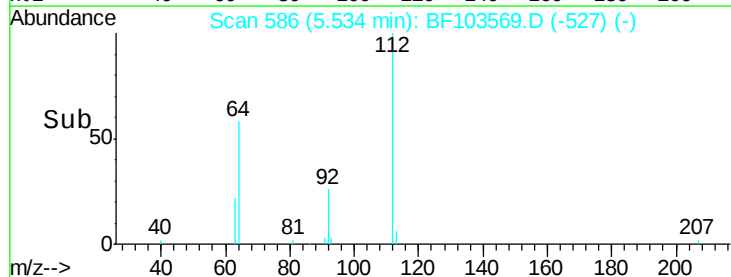
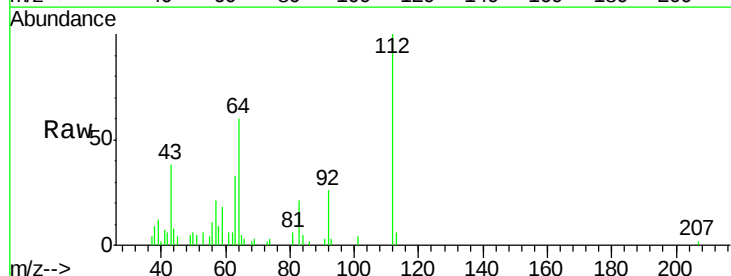
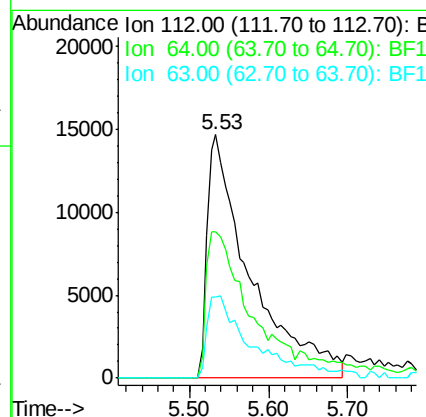
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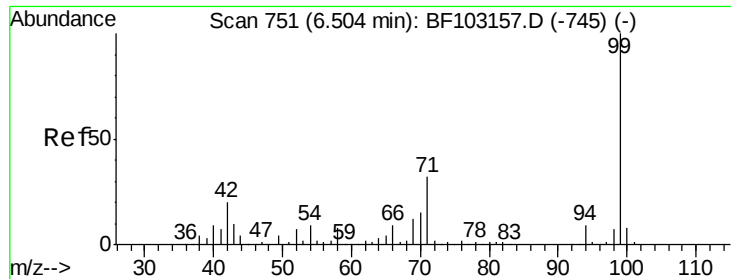


#5

2-Fluorophenol
Concen: 5.671 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.05 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	33.2	23.7	35.5





#7

Phenol-d6

Concen: 21.555 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion: 99 Resp: 258328

Ion Ratio Lower Upper

99 100

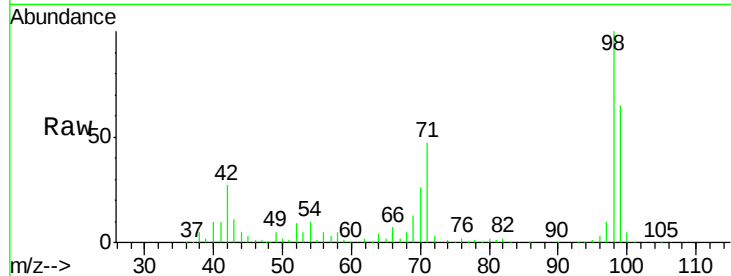
42 40.7 14.5 21.7#

71 72.2 25.4 38.0#

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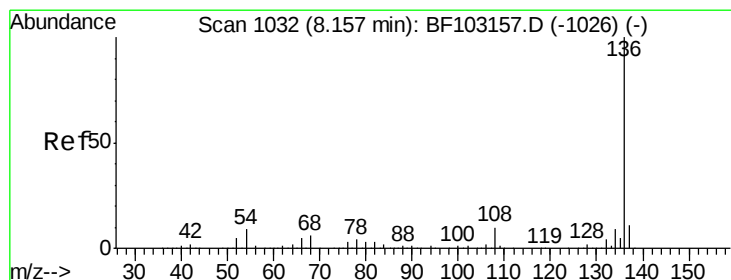
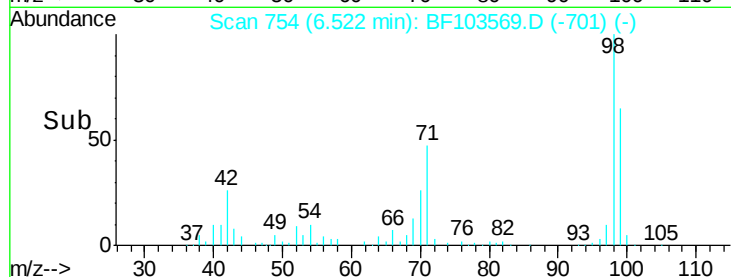
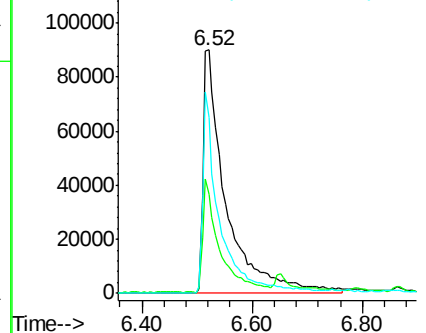
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Tgt Ion: 136 Resp: 624302

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

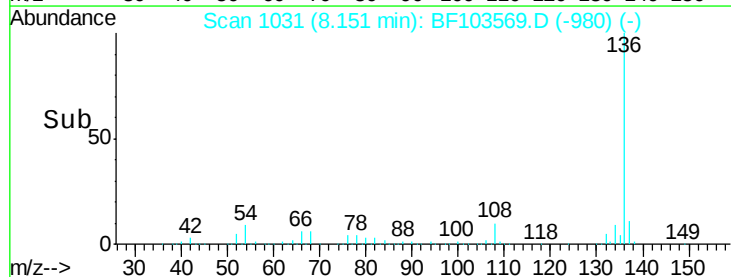
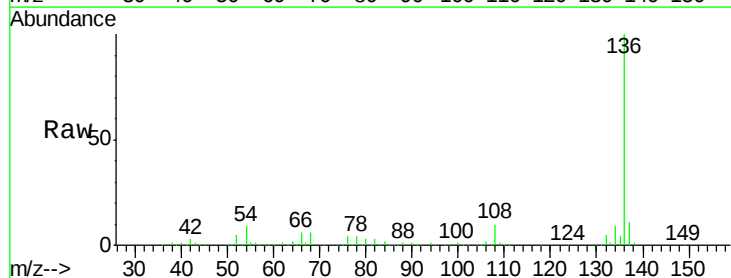
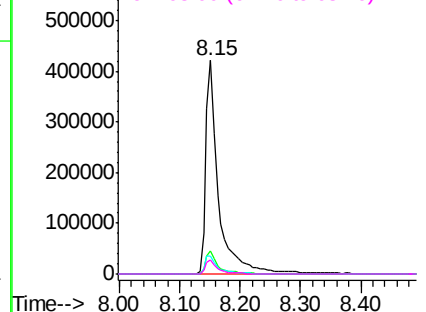
68 6.4 5.0 7.4

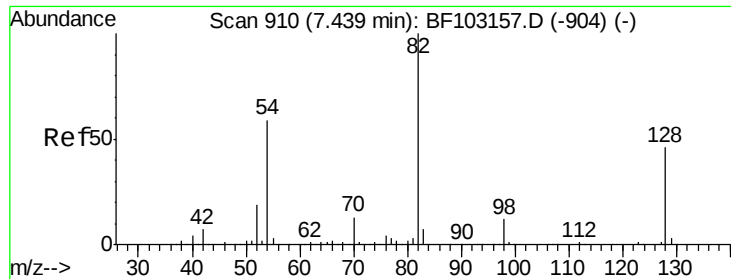
Abundance Ion 136.00 (135.70 to 136.70): E

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





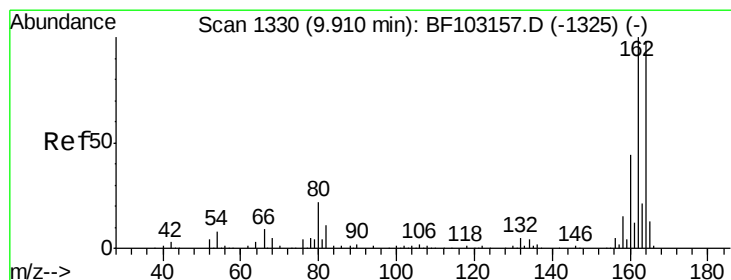
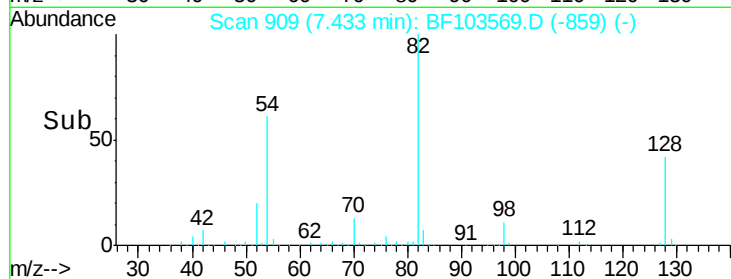
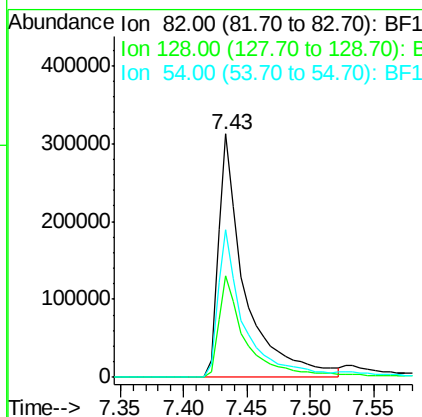
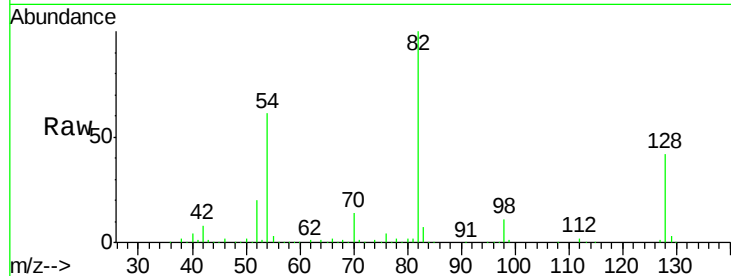
#23
 Nitrobenzene-d5
 Concen: 41.568 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103569.D
 Acq: 9 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Resp	Lower	Upper
82	100	454414		
128	41.5	36.1	54.1	
54	60.7	41.4	62.2	

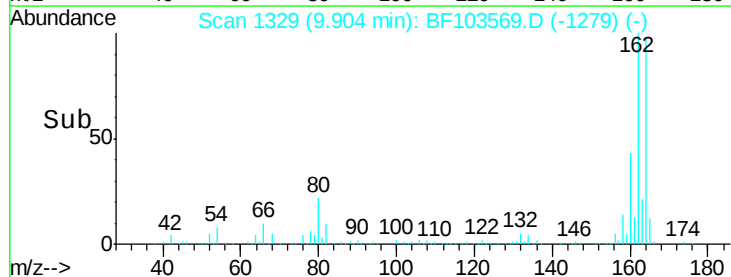
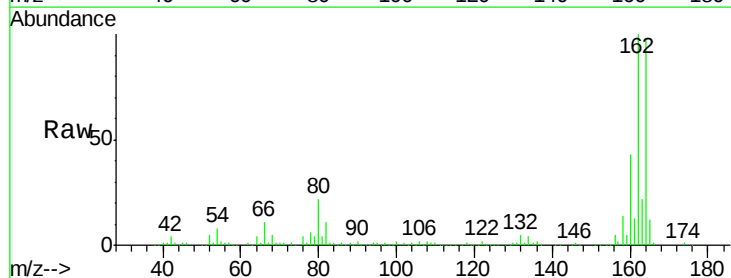
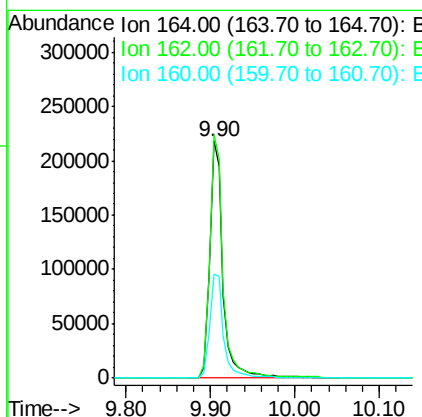
Manual Integrations
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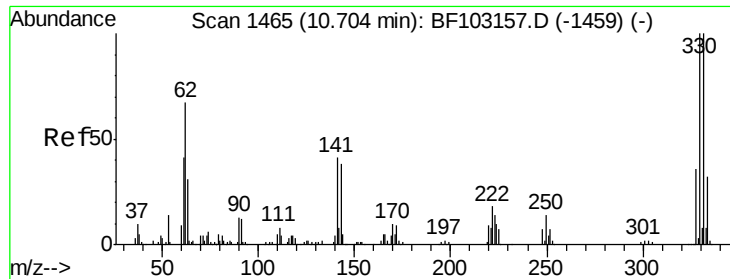
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF103569.D
 Acq: 9 Mar 2018 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	241499		
162	102.8	86.1	129.1	
160	44.1	38.3	57.5	





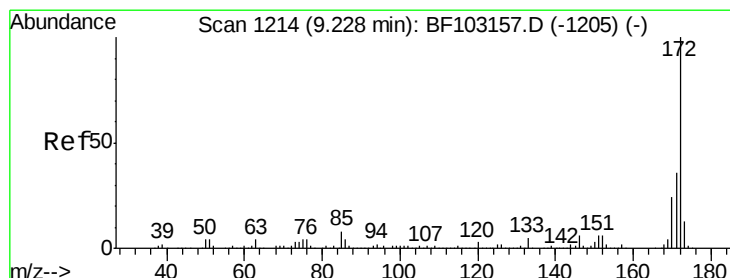
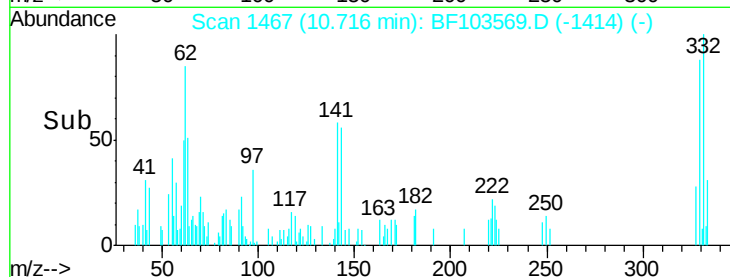
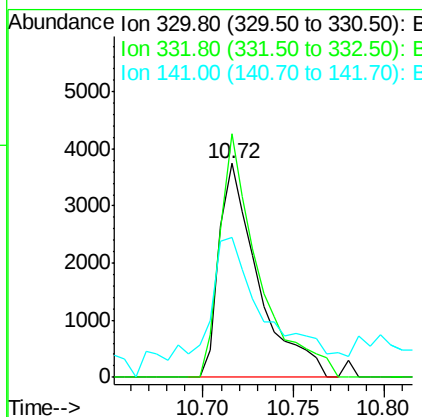
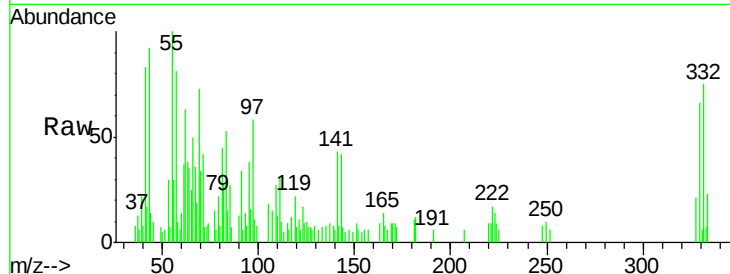
#41
 2,4,6-Tribromophenol
 Concen: 2.759 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103569.D
 Acq: 9 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
330	100		
332	113.1	77.0	115.6
141	71.4	29.9	44.9

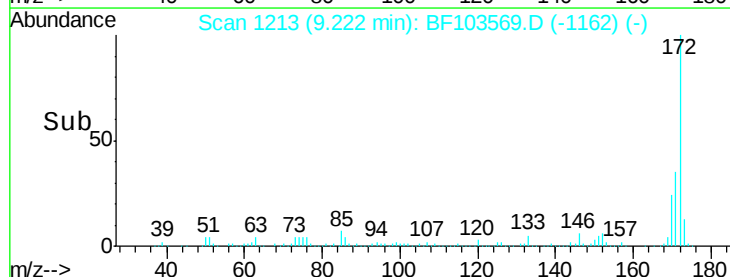
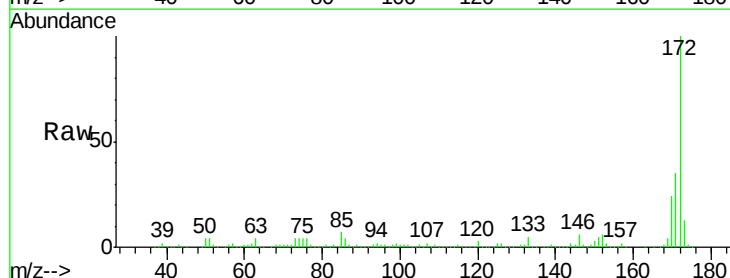
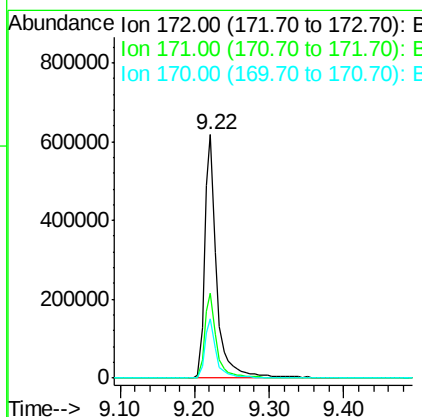
Manual Integrations
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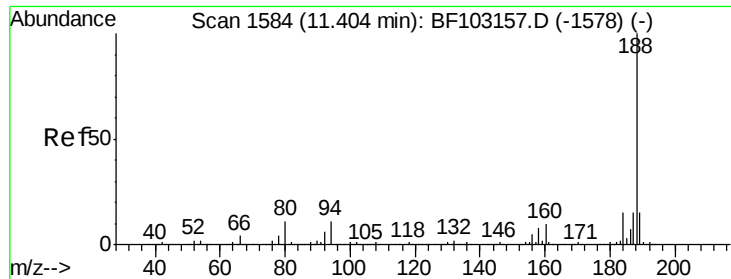
Sohil
 3/12/2018 3:50:33 PM



#44
 2-Fluorobiphenyl
 Concen: 43.933 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103569.D
 Acq: 9 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.1	19.6	29.4





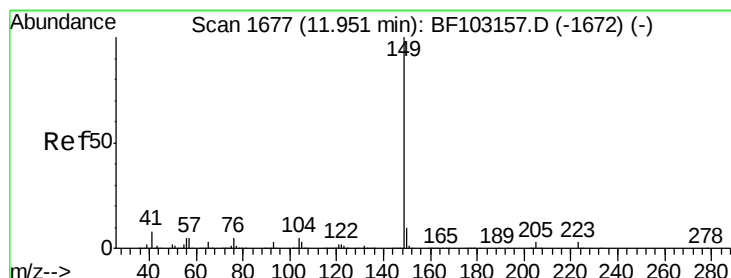
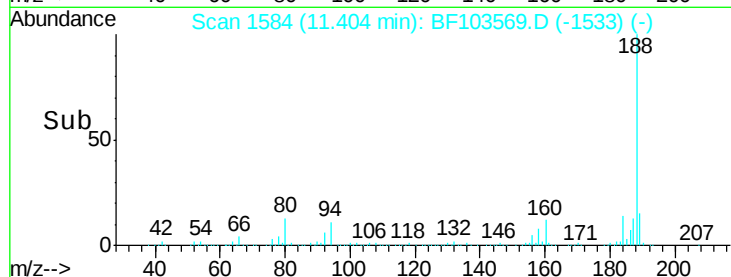
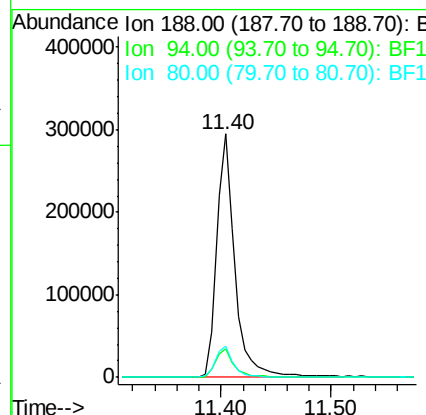
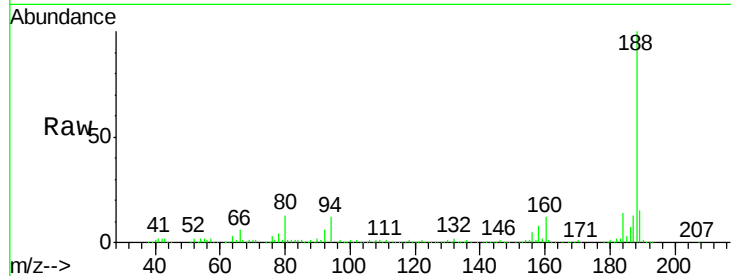
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion:	188	Resp:	331516
Ion Ratio	Lower	Upper	
188	100		
94	11.5	8.5	12.7
80	12.6	9.2	13.8

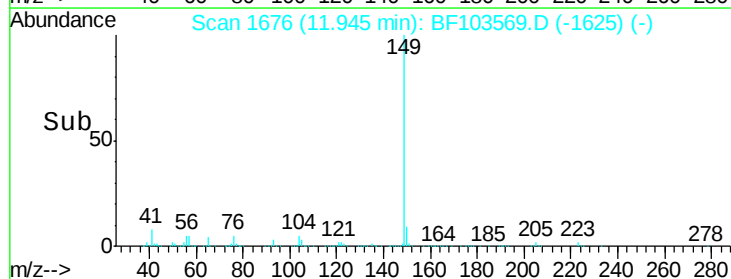
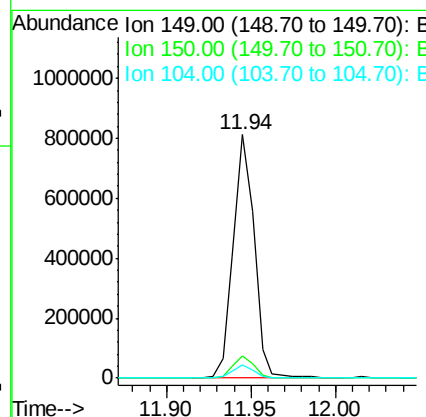
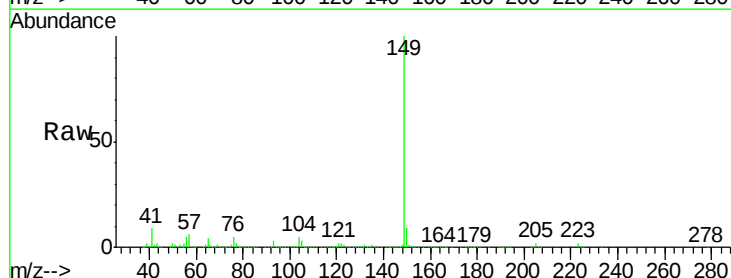
Manual Integrations
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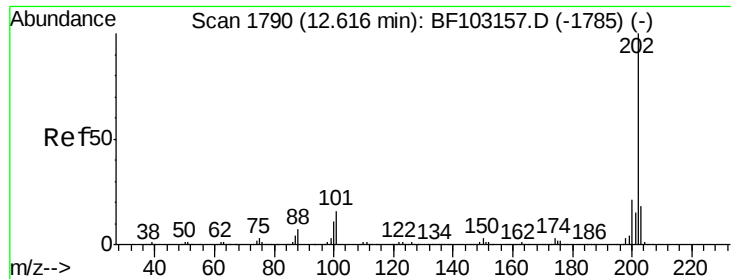
Sohil
3/12/2018 3:50:33 PM



#73
Di-n-butylphthalate
Concen: 29.973 ng
RT: 11.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Tgt Ion:	149	Resp:	698728
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.2	3.8	5.8





#74

Fluoranthene

Concen: 4.019 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Instrument :

BNA_F

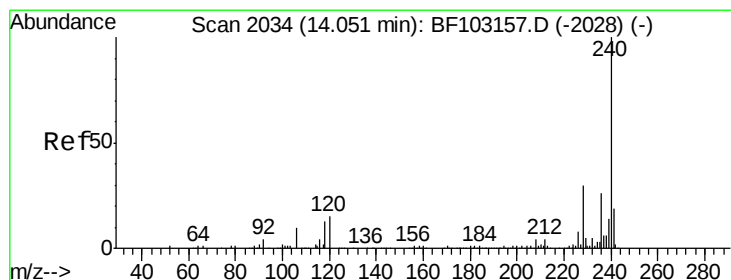
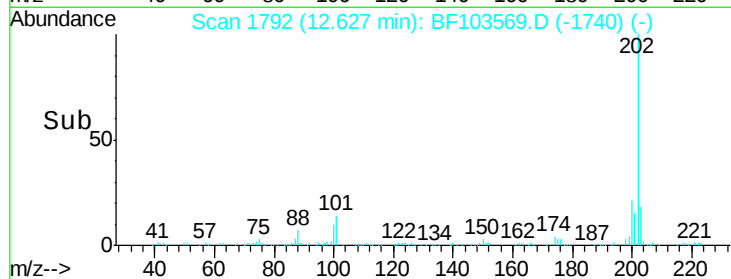
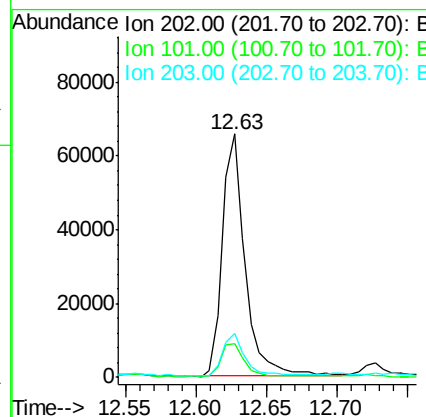
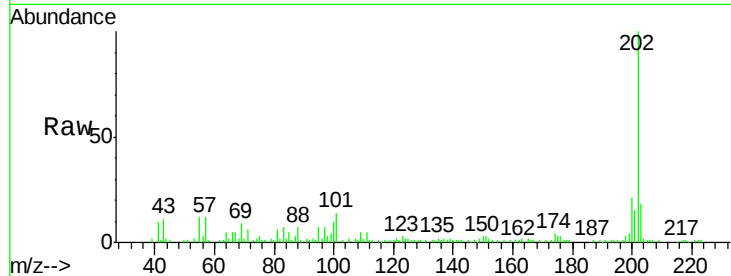
ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion:	202	Resp:	73690
Ion Ratio		Lower	Upper
202	100		
101	13.8	0.0	34.1
203	18.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

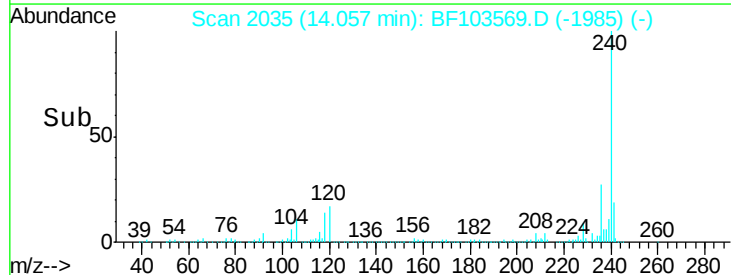
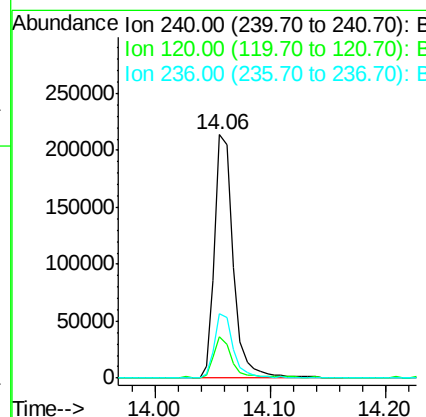
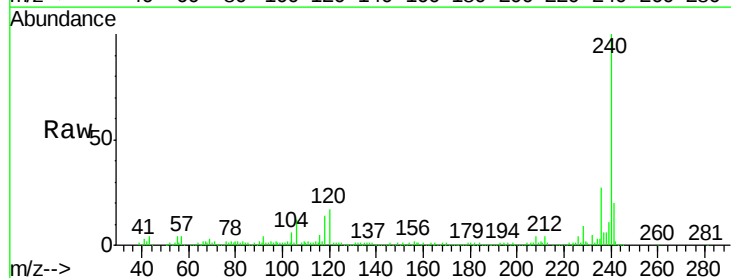
RT: 14.06 min Scan# 2035

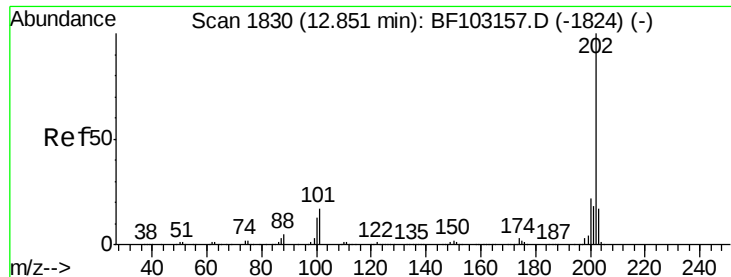
Delta R.T. -0.01 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Tgt Ion:	240	Resp:	244250
Ion Ratio		Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	26.6	20.7	31.1





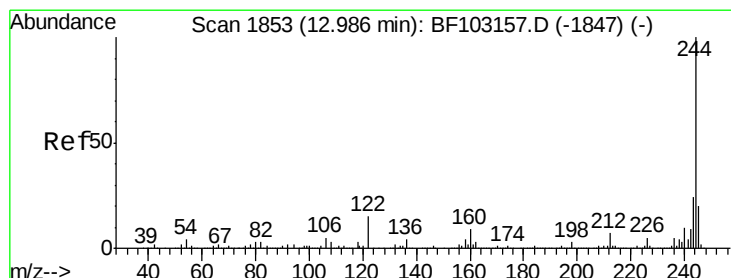
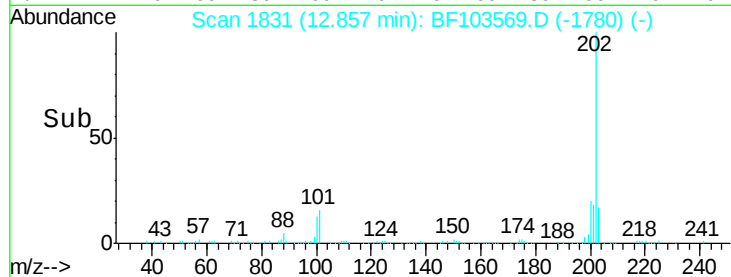
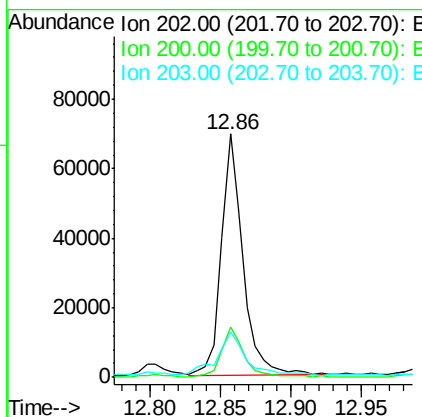
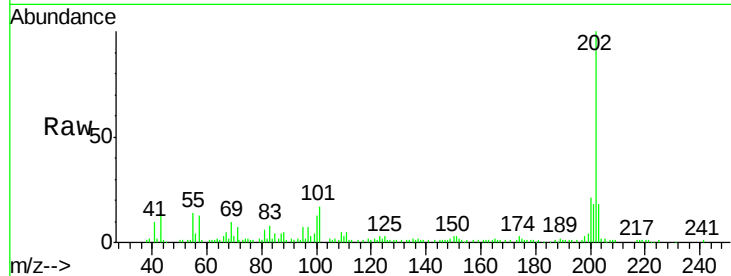
#77
Pvrene
Concen: 3.888 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.5	14.3	21.5

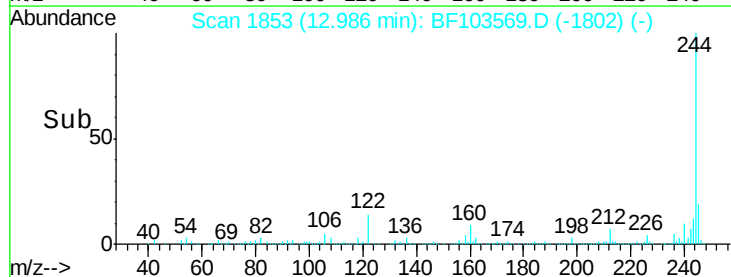
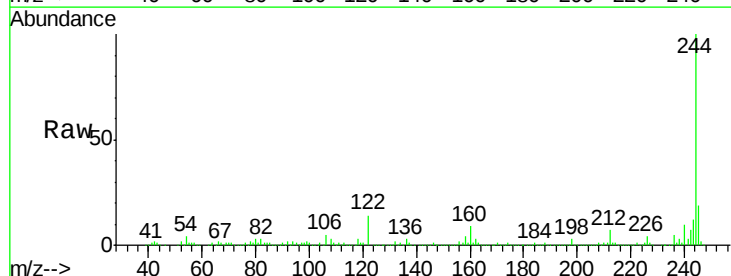
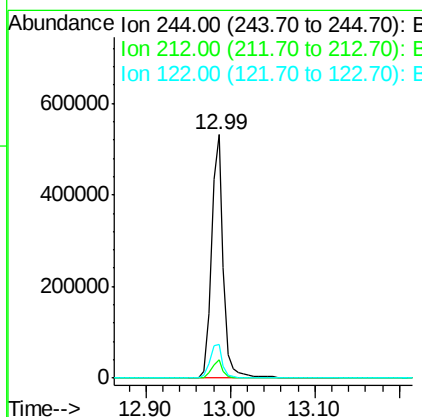
Manual Integrations
APPROVED

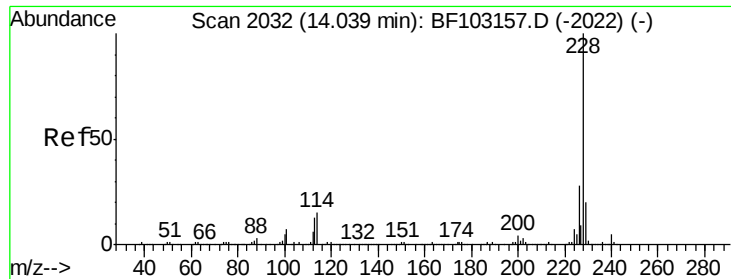
Sohil
3/12/2018 3:50:33 PM



#78
Terphenyl-d14
Concen: 51.851 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.7	11.0	16.4





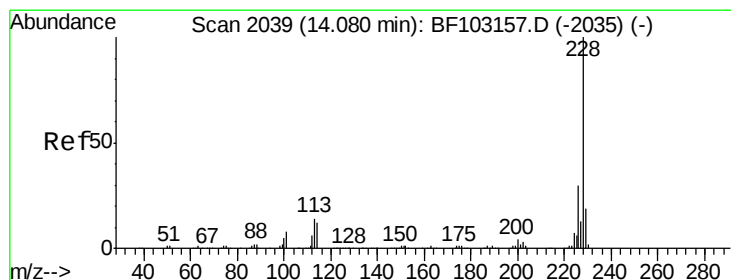
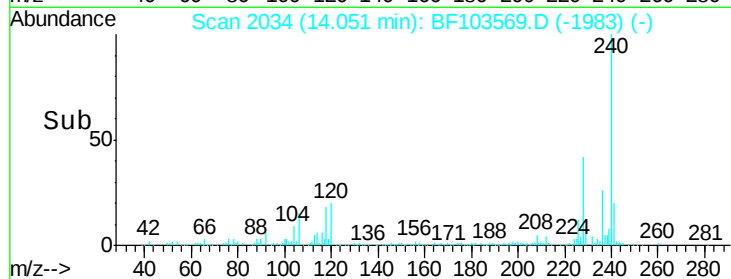
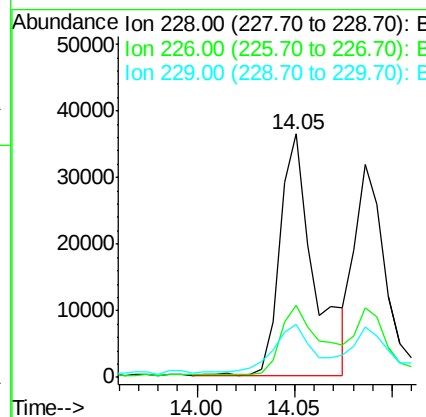
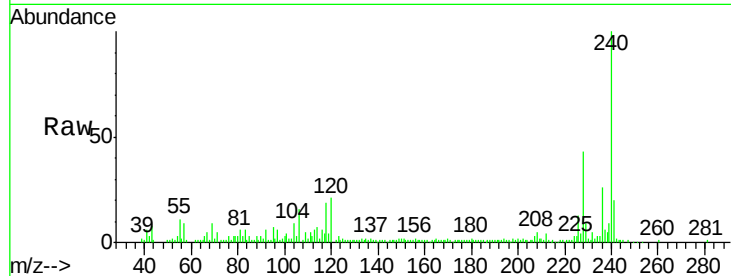
#80
Benzo(a)anthracene
Concen: 2.749 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	21.7	15.8	23.6

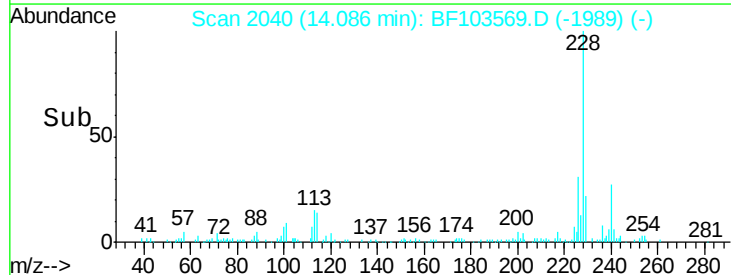
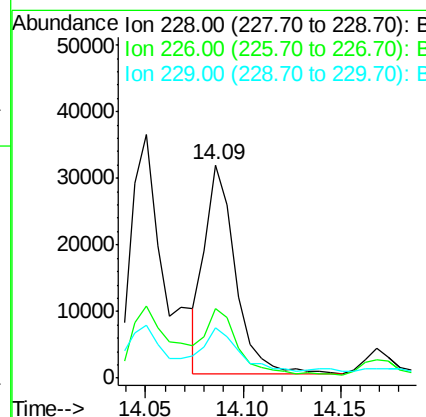
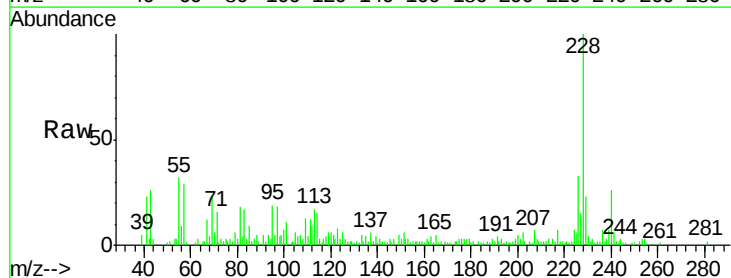
Manual Integrations
APPROVED

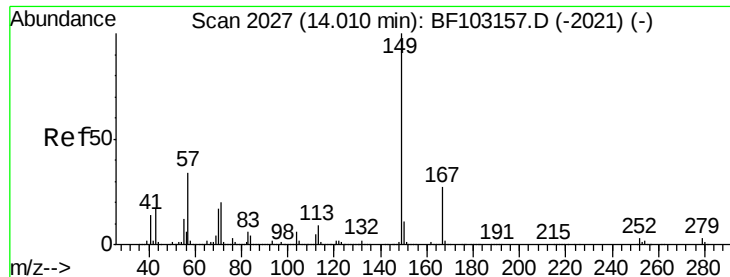
Sohil
3/12/2018 3:50:33 PM



#82
Chrysene
Concen: 2.222 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF103569.D
Acq: 9 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	23.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.863 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Instrument :

BNA_F

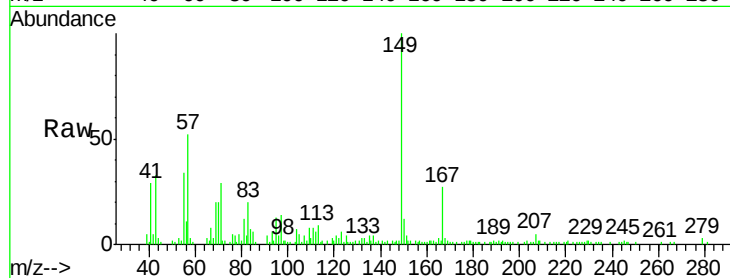
ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

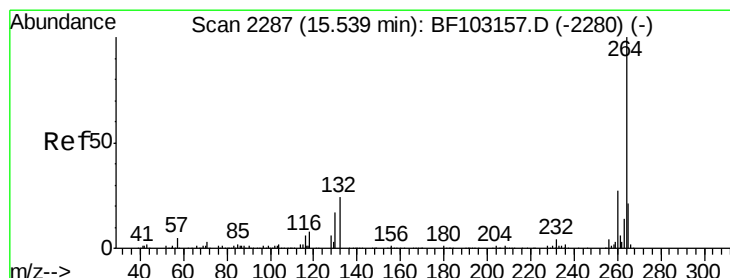
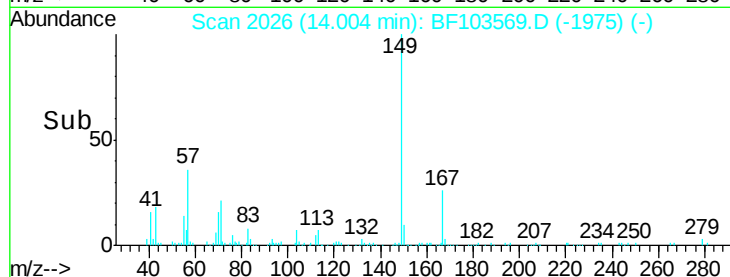
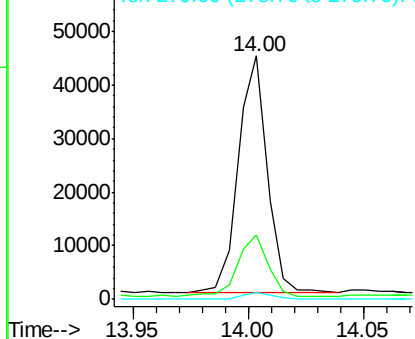
Tot Ion:	149	Resp:	38869
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	2.6	3.0	4.4

Manual Integrations
APPROVED

Sohil
3/12/2018 3:50:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

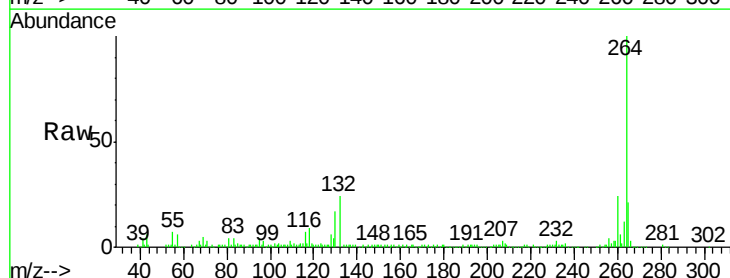
RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

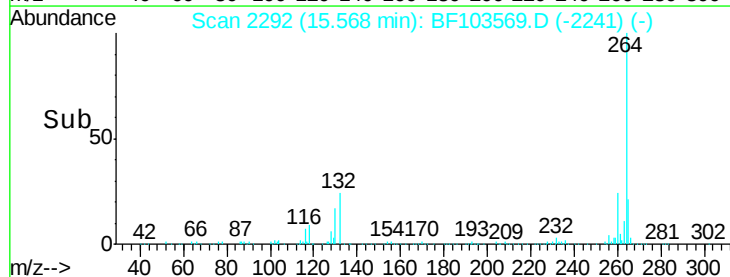
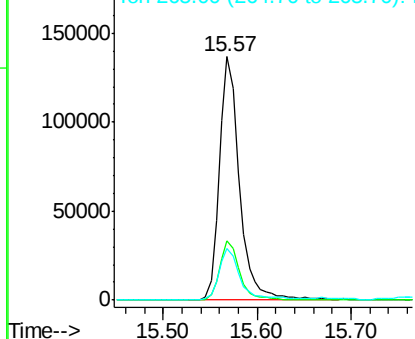
Lab File: BF103569.D

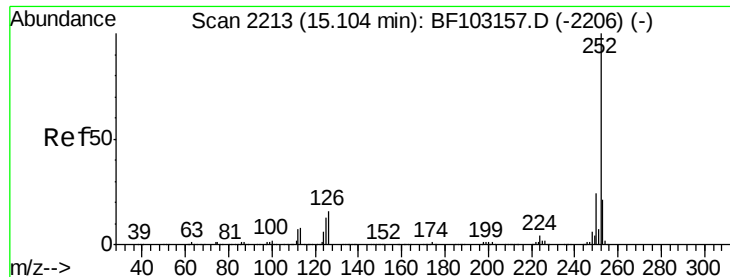
Acq: 9 Mar 2018 20:40

Tgt Ion:	264	Resp:	205043
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 3.067 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Instrument :

BNA_F

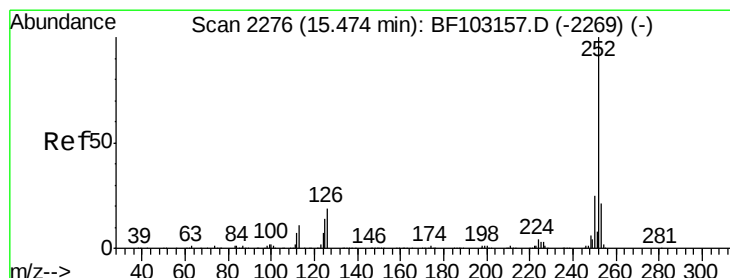
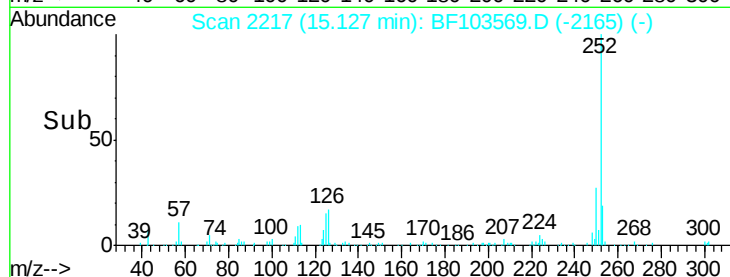
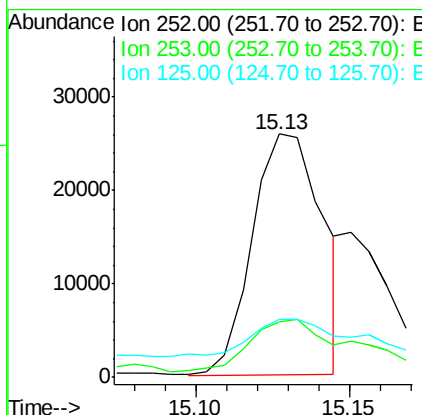
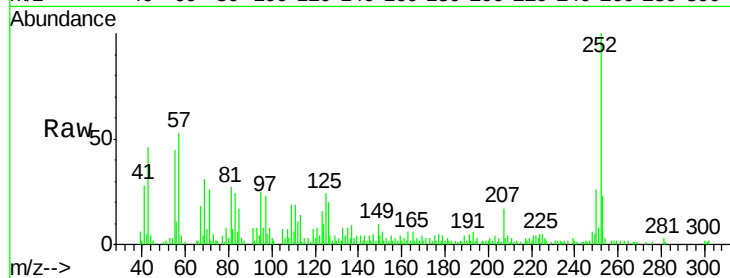
ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion:	252	Resp:	41350
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	23.8	9.0	13.6#

Manual Integrations
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Sohil
3/12/2018 3:50:33 PM



#89

Benzo(a)pyrene

Concen: 2.743 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF103569.D

Acq: 9 Mar 2018 20:40

Tgt Ion:	252	Resp:	33023
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	23.0	9.8	14.6#

