

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103327.D
 Acq On : 1 Mar 2018 11:02
 Operator : SJ/JU
 Sample : J1710-07 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-215

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:30:16 PM

Quant Time: Mar 01 12:58:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	149625	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	643566	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	275264	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	447236	20.00	ng	0.00
75) Chrysene-d12	14.06	240	238815	20.00	ng	0.00
86) Perylene-d12	15.55	264	246607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	212171	21.45	ng	0.00
7) Phenol-d6	6.50	99	263293	21.75	ng	0.00
23) Nitrobenzene-d5	7.43	82	170915	15.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	42848	18.39	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	254917	11.24	ng	0.00
78) Terphenyl-d14	12.99	244	175292	17.64	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	312777	12.708	ng	99
71) Anthracene	11.48	178	82153	3.255	ng	99
74) Fluoranthene	12.62	202	328622	13.287	ng	99
77) Pyrene	12.85	202	274285	14.731	ng	99
80) Benzo(a)anthracene	14.04	228	92364	5.961	ng	98
82) Chrysene	14.08	228	86804	5.769	ng	97
85) Indeno(1,2,3-cd)pyrene	17.08	276	50920	4.275	ng	96
87) Benzo(b)fluoranthene	15.11	252	100238m	6.182	ng	
88) Benzo(k)fluoranthene	15.14	252	33333m	2.183	ng	
89) Benzo(a)pyrene	15.49	252	76949	5.314	ng	# 95
91) Benzo(g,h,i)perylene	17.54	276	54602	4.993	ng	96

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

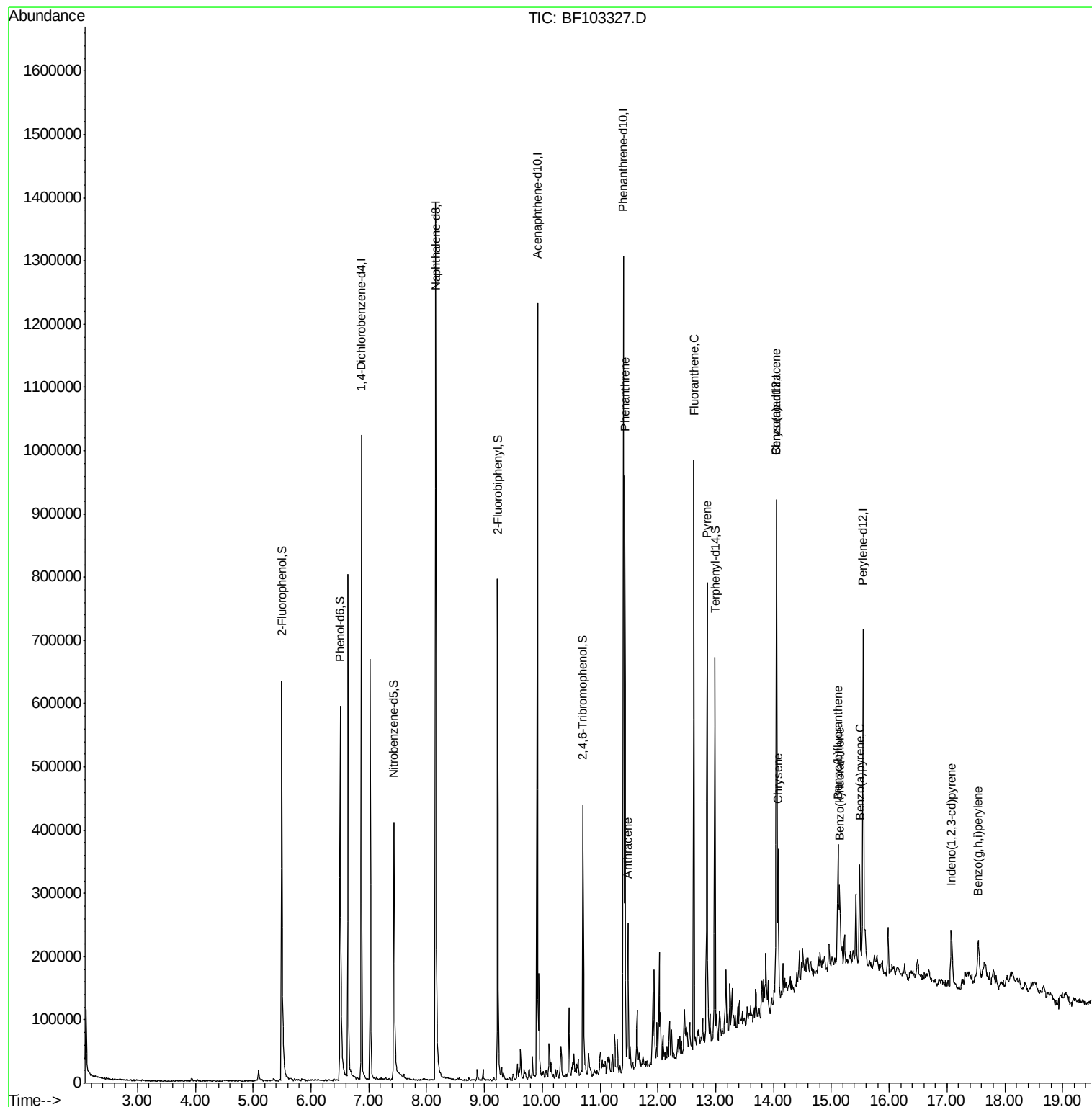
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103327.D
Acq On : 1 Mar 2018 11:02
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Sample : J1710-07 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
RO-215

Manual Integrations
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Sohil
3/2/2018 3:30:16 PM

Quant Time: Mar 01 12:58:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration





#1

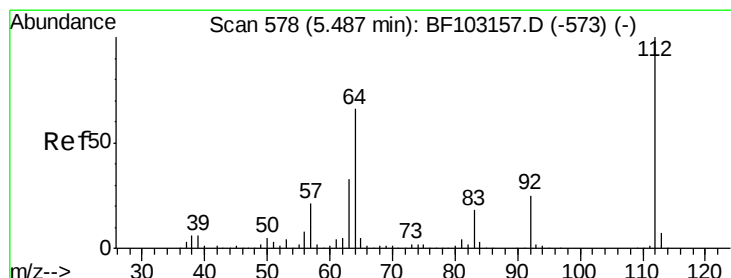
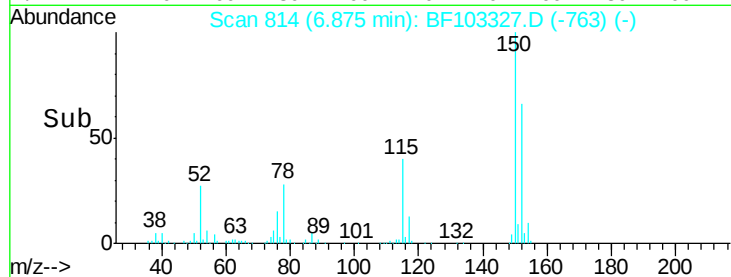
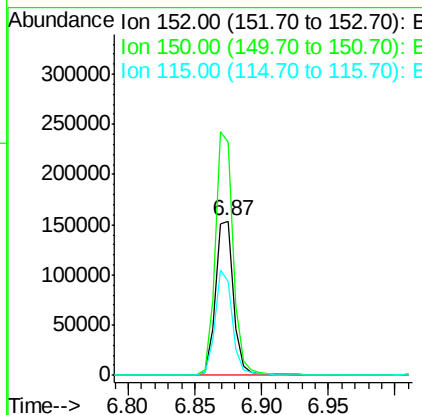
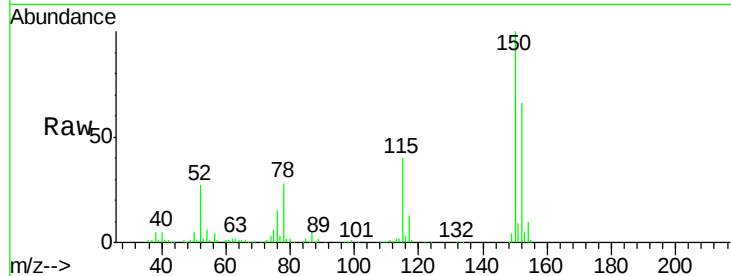
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Instrument :
BNA_F
ClientSampled :
RO-215

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.6	186.8
115	60.7	50.1	75.1

Manual Integrations
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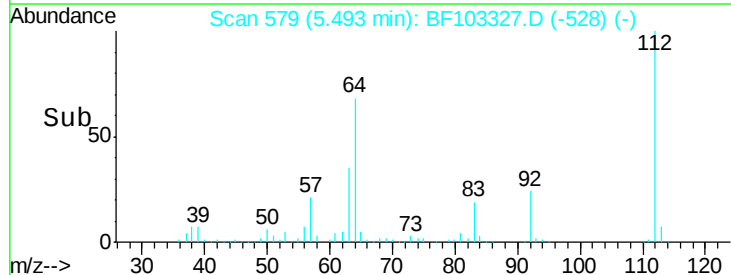
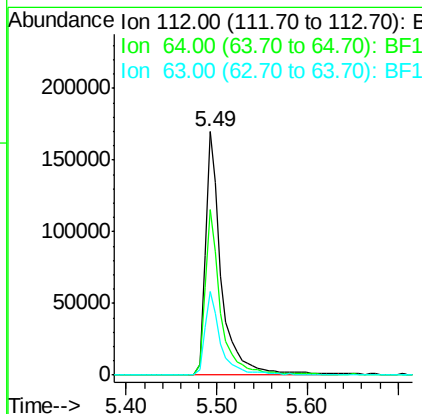
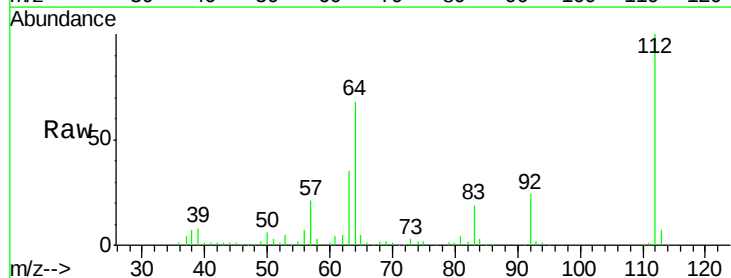
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#5

2-Fluorophenol
Concen: 21.447 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.6	23.7	35.5





#7

Phenol-d6

Concen: 21.750 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

Instrument :

BNA_F

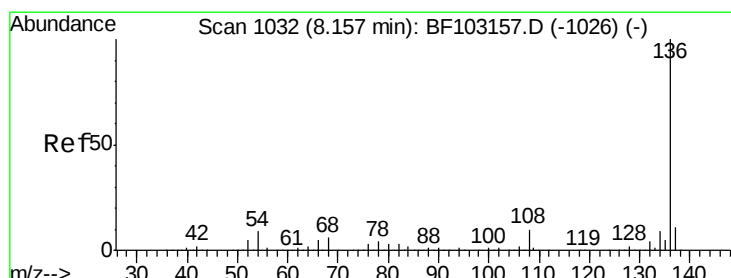
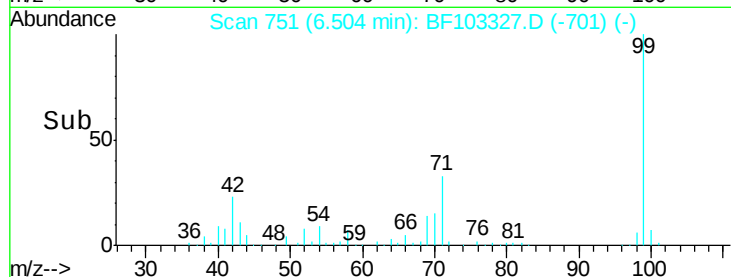
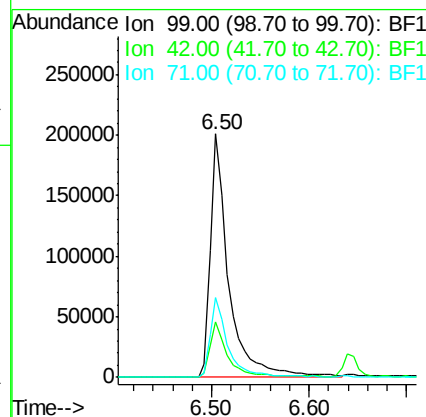
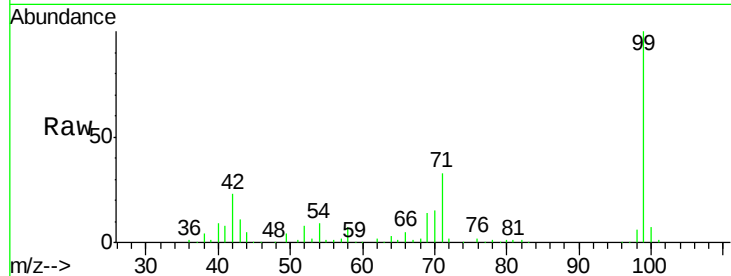
ClientSampled :

RO-215

Tot Ion:	99	Resp:	263293
Ion Ratio	Lower	Upper	
99	100		
42	22.9	14.5	21.7#
71	32.9	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

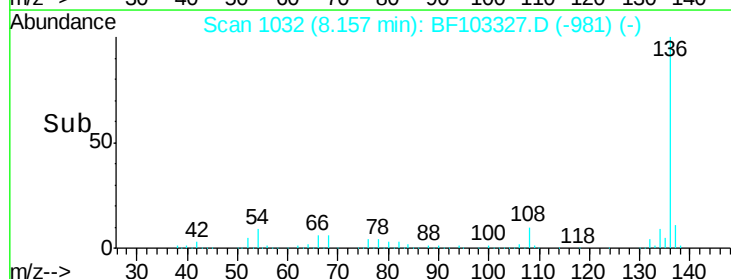
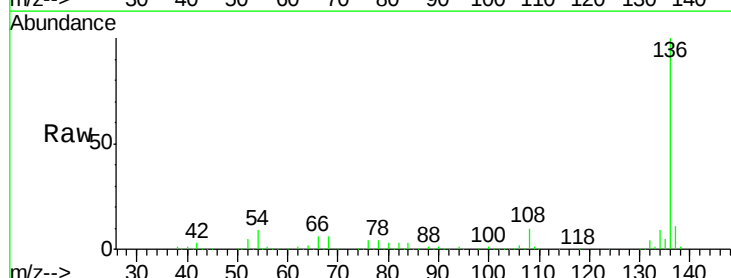
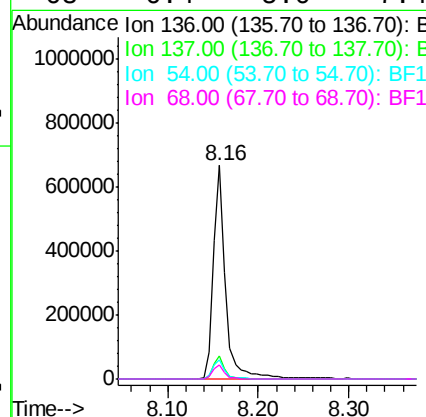
RT: 8.16 min Scan# 1032

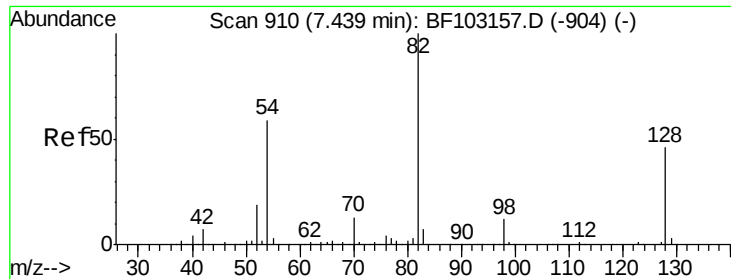
Delta R.T. 0.00 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

Tgt Ion:	136	Resp:	643566
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.4	5.0	7.4





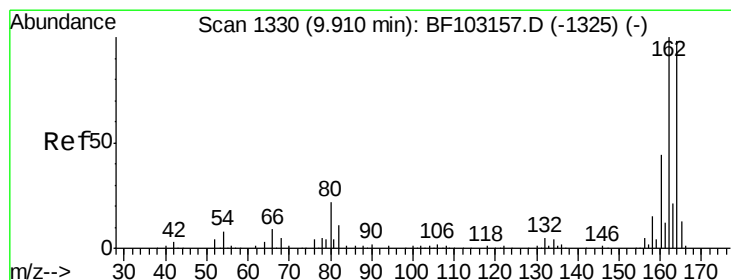
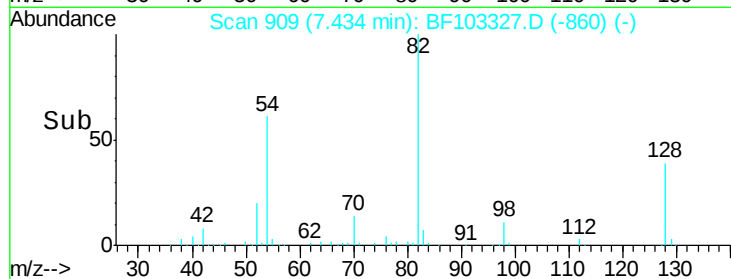
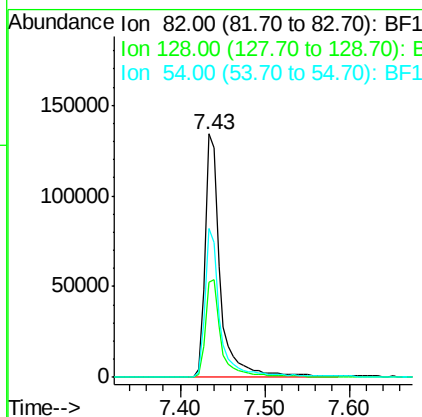
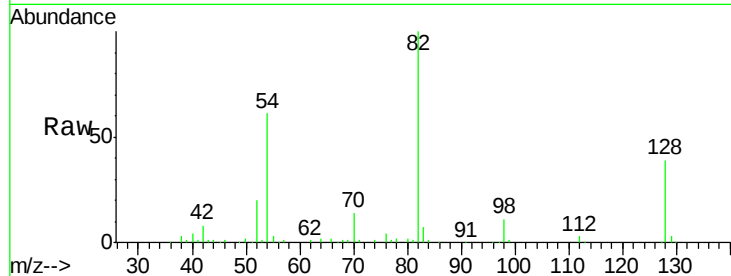
#23
 Nitrobenzene-d5
 Concen: 15.167 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Instrument :
 BNA_F
 ClientSampled :
 RO-215

Tot Ion	82	Resp	170915
Ion Ratio	100	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	61.1	41.4	62.2

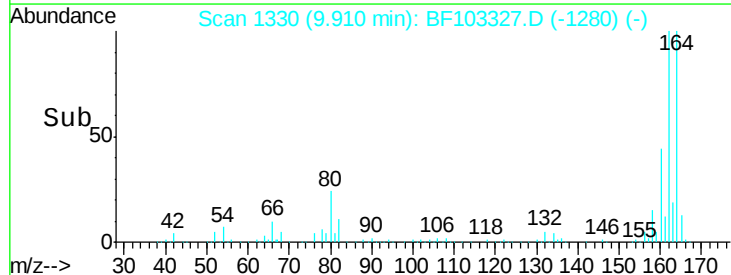
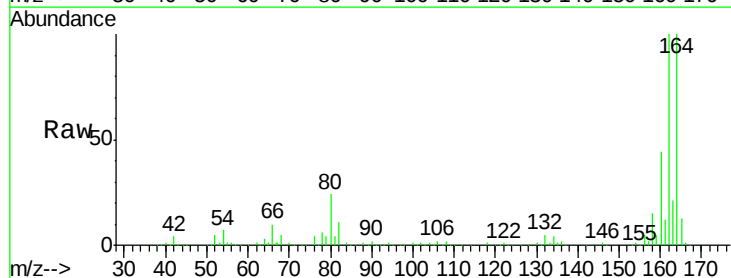
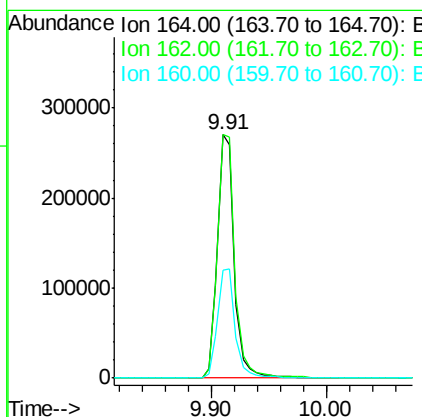
Manual Integrations
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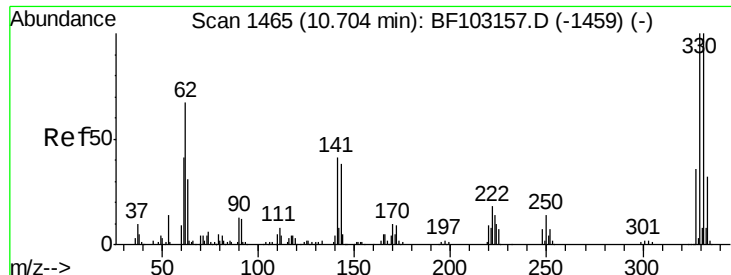
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Tgt Ion	164	Resp	275264
Ion Ratio	100	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	44.2	38.3	57.5





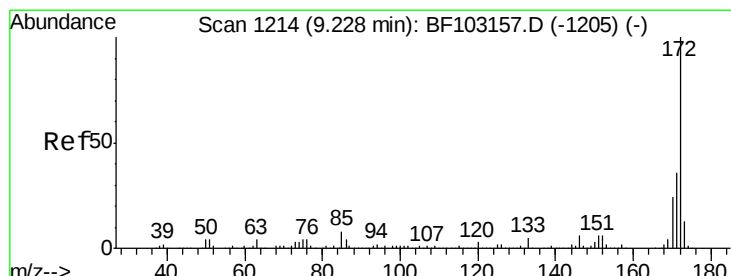
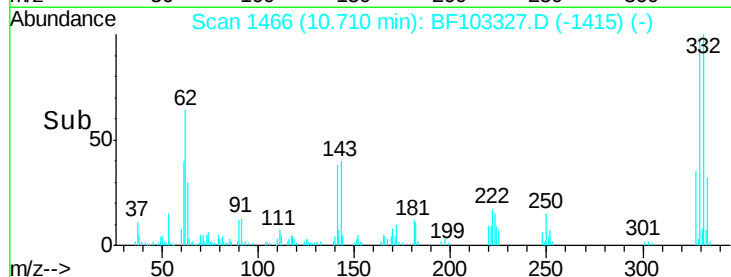
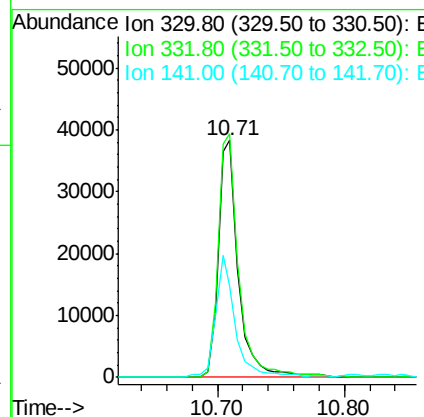
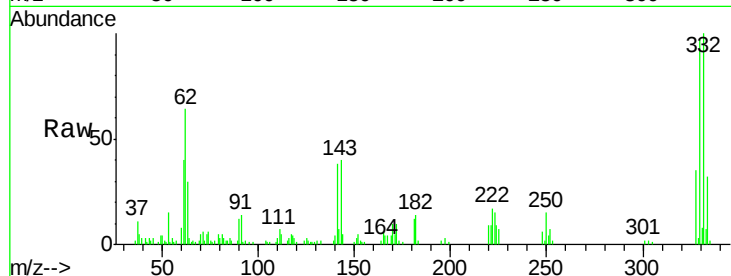
#41
 2,4,6-Tribromophenol
 Concen: 18.390 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Instrument :
 BNA_F
 ClientSampled :
 RO-215

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.6	77.0	115.6
141	50.2	29.9	44.9

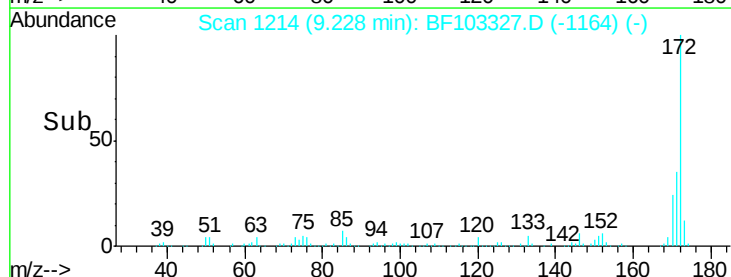
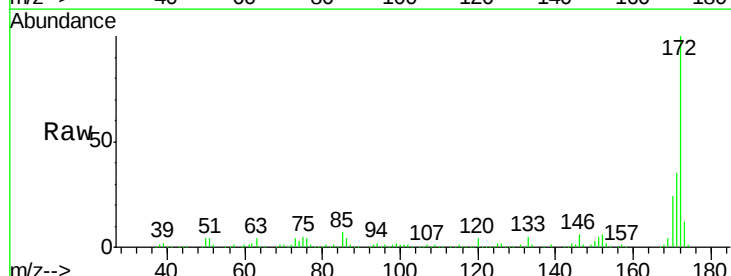
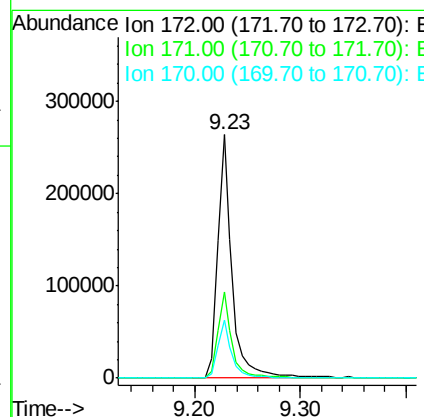
Manual Integrations
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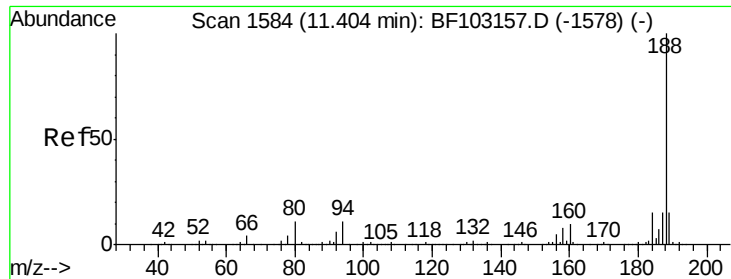
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#44
 2-Fluorobiphenyl
 Concen: 11.241 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.8	19.6	29.4





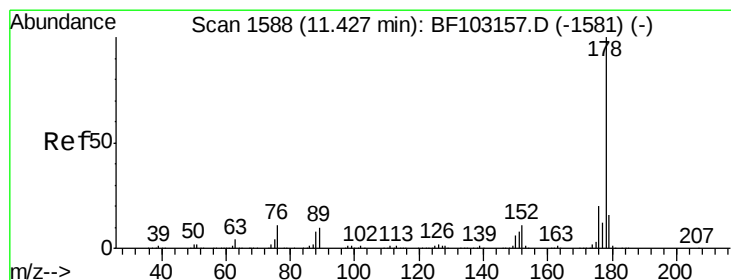
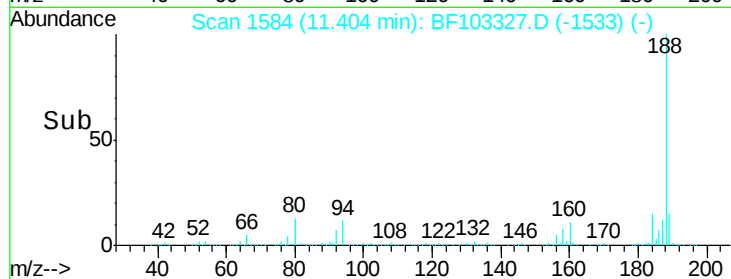
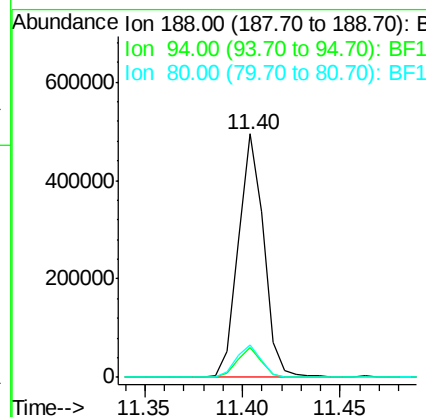
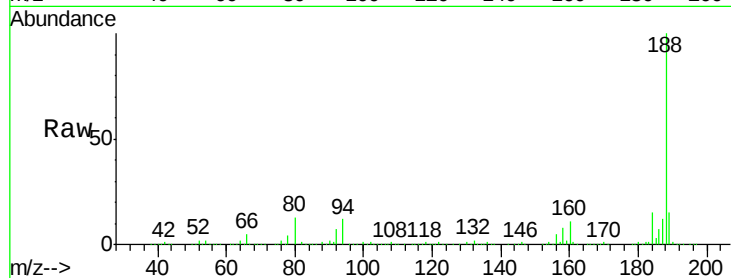
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Instrument :
BNA_F
ClientSampled :
RO-215

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447236		
94	12.1		8.5	12.7
80	13.1		9.2	13.8

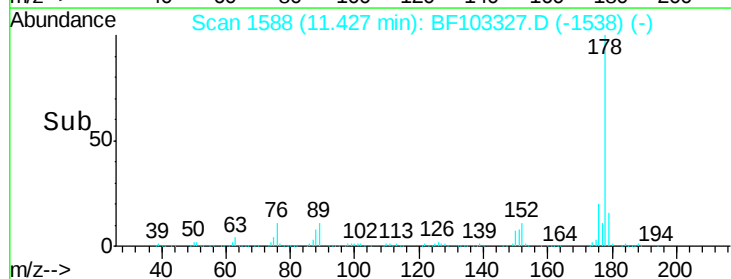
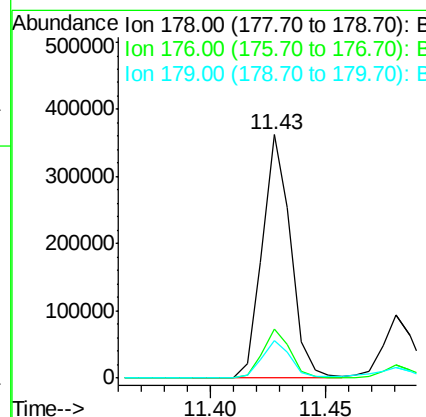
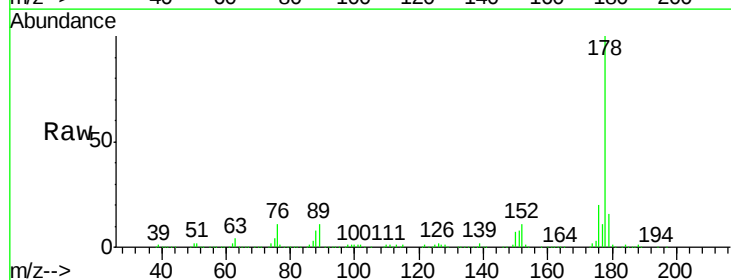
Manual Integrations
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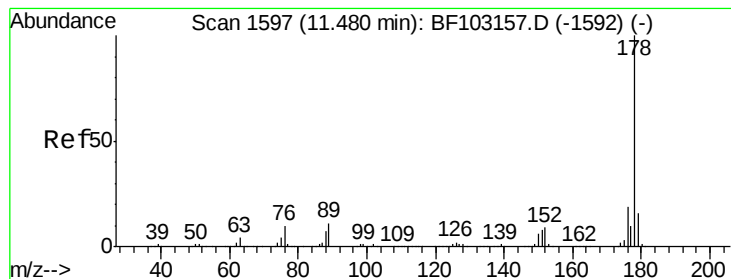
Sohil
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#70
Phenanthrene
Concen: 12.708 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	312777		
176	20.4		15.8	23.8
179	15.6		13.0	19.6





#71

Anthracene

Concen: 3.255 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

Instrument :

BNA_F

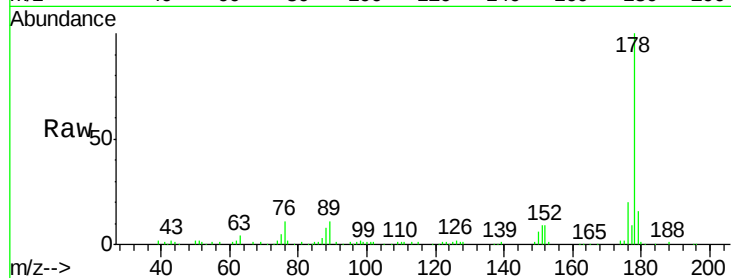
ClientSampleId :

RO-215

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.0	12.6	19.0

Manual Integrations
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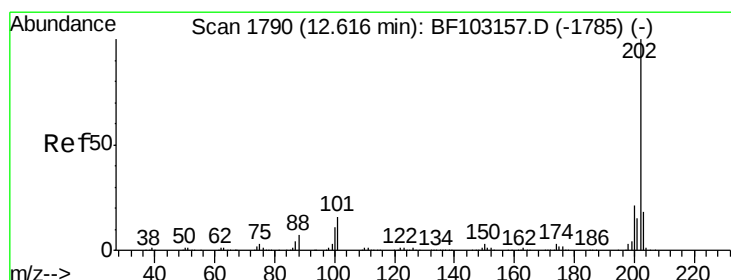
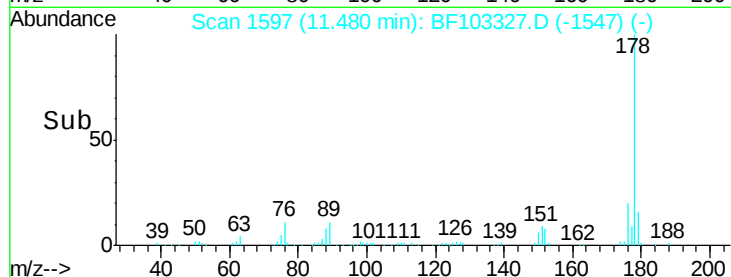
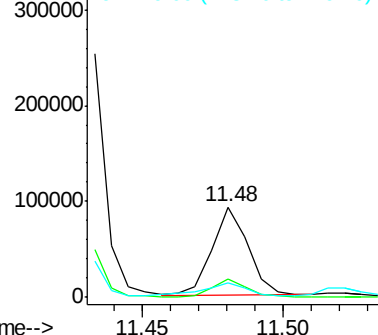
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 13.287 ng

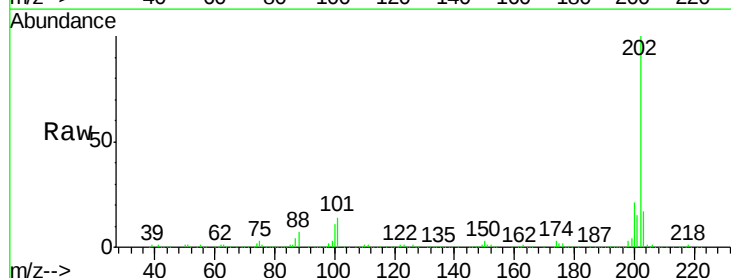
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

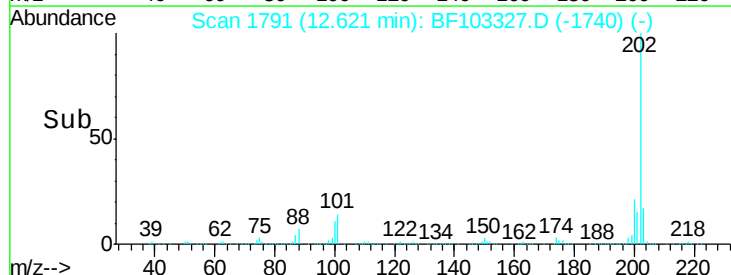
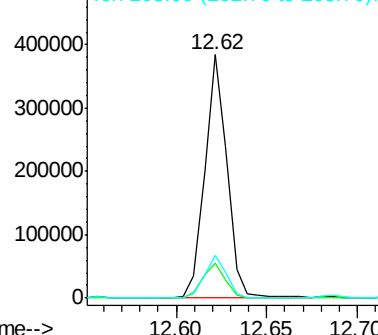
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.4	0.0	38.1

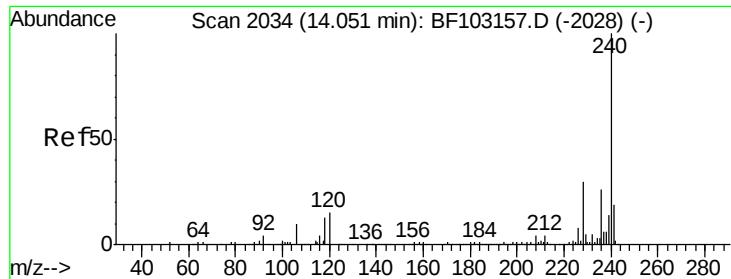


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

Instrument :

BNA_F

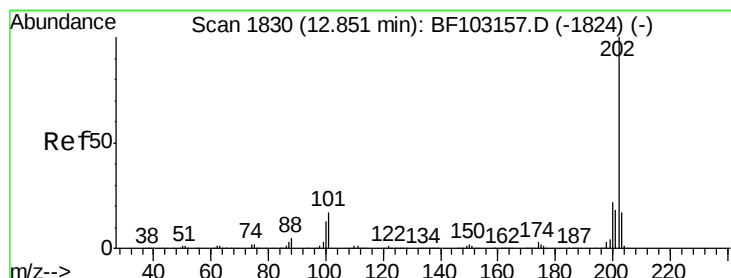
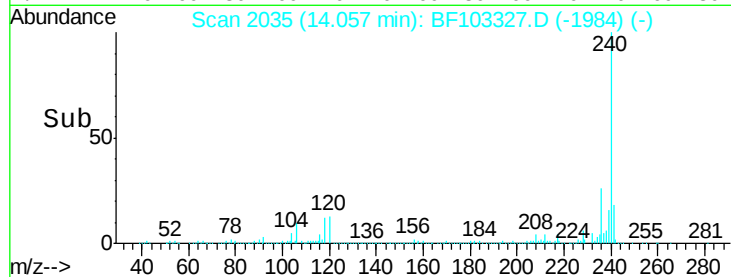
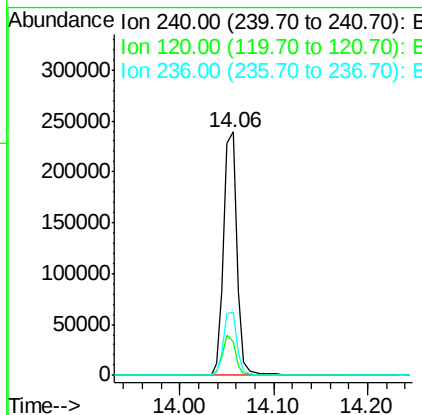
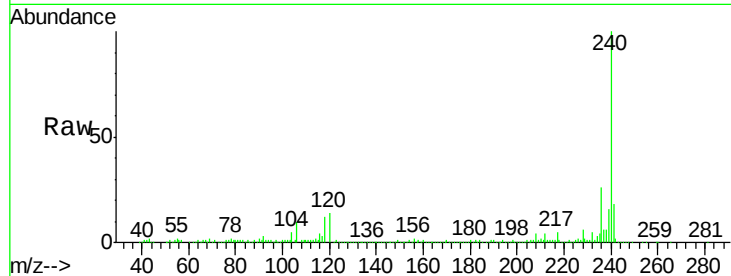
ClientSampleId :

RO-215

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 14.731 ng

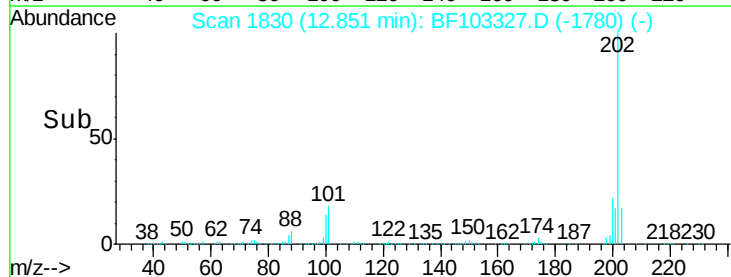
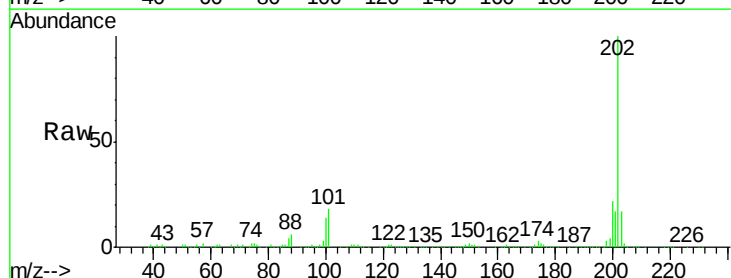
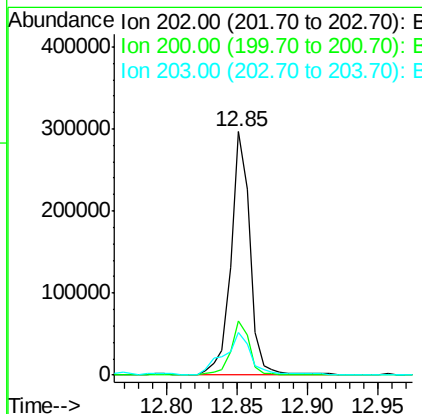
RT: 12.85 min Scan# 1830

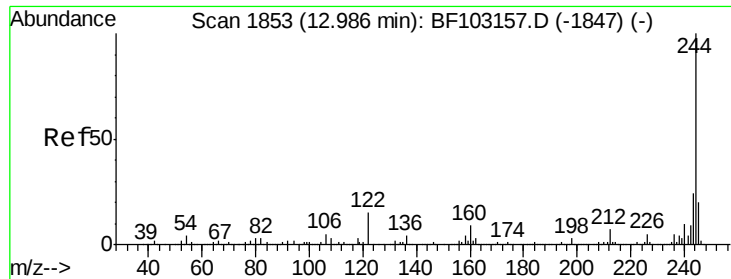
Delta R.T. -0.01 min

Lab File: BF103327.D

Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.5	14.3	21.5





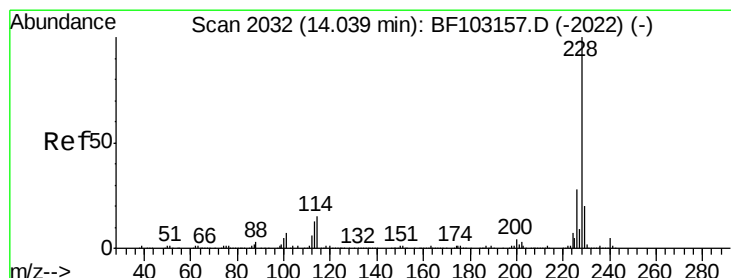
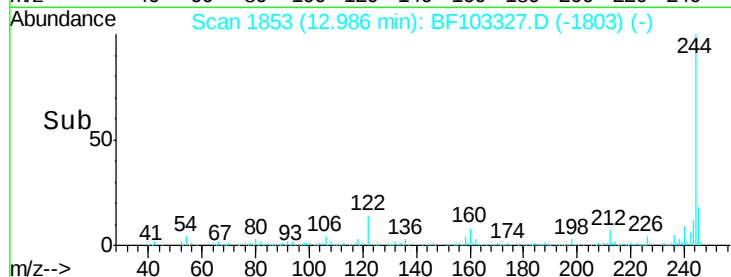
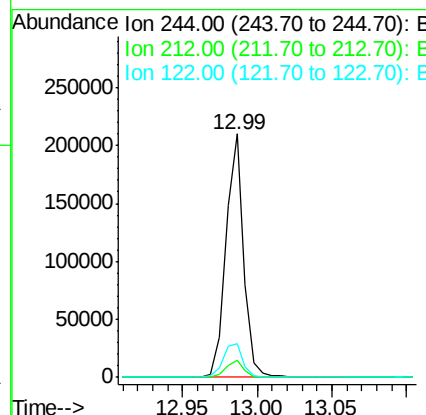
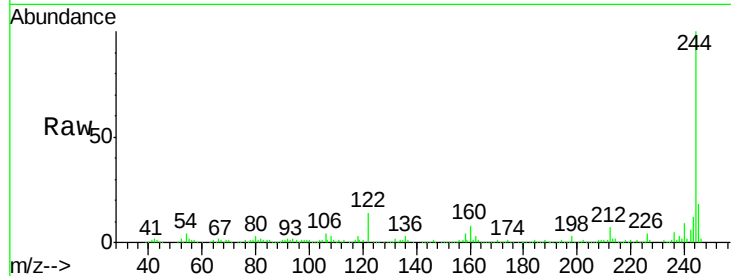
#78
 Terphenyl-d14
 Concen: 17.645 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Instrument :
 BNA_F
 ClientSampled :
 RO-215

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.9	11.0	16.4

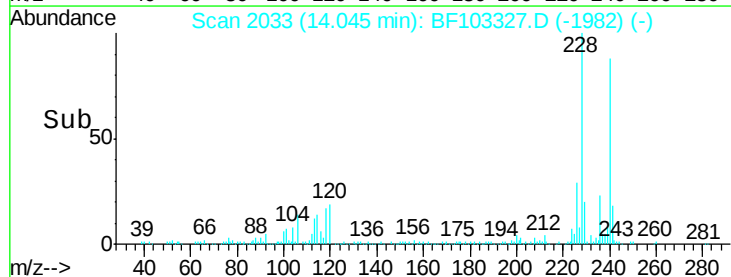
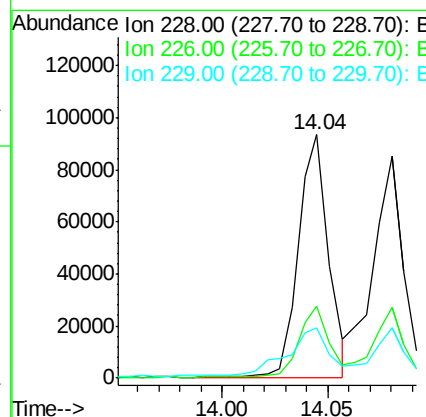
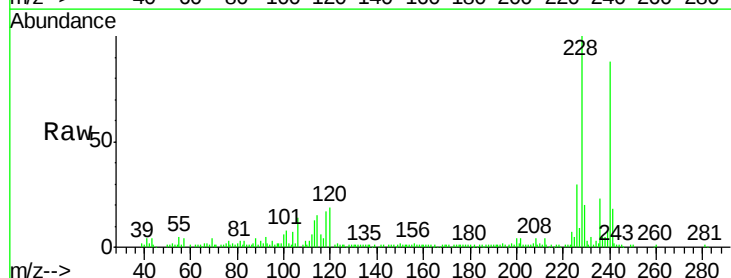
Manual Integrations
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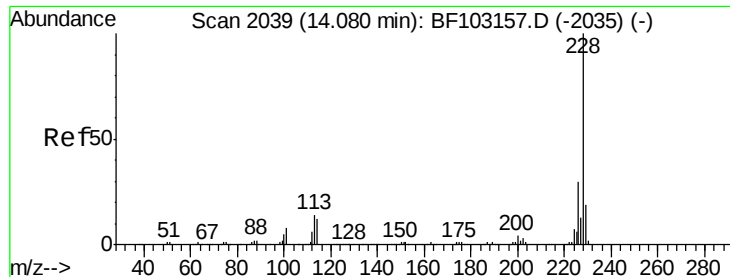
Sohil
 3/2/2018 3:30:16 PM



#80
 Benzo(a)anthracene
 Concen: 5.961 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.5	15.8	23.6





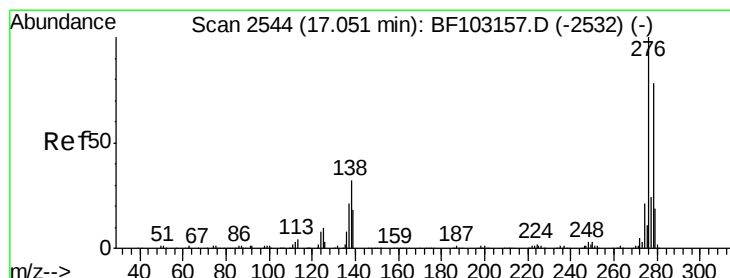
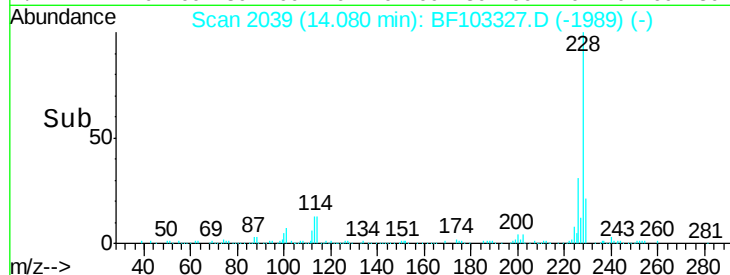
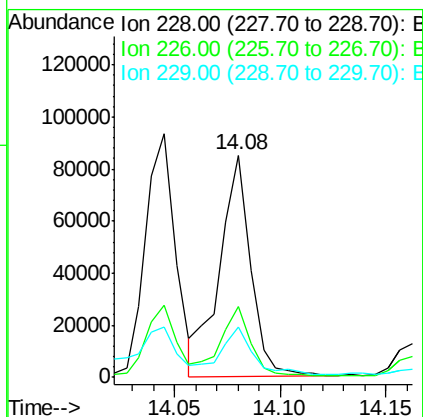
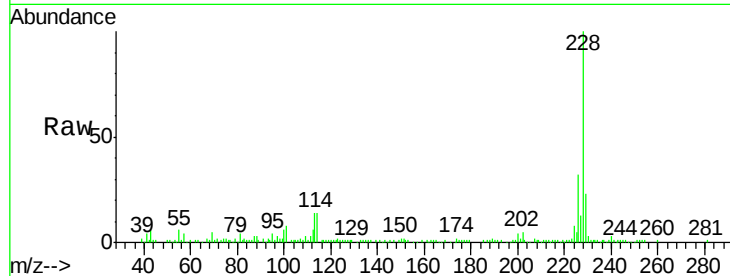
#82
Chrysene
Concen: 5.769 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Instrument :
BNA_F
ClientSampleId :
RO-215

Tot Ion:228	Resp:	86804
Ion Ratio	Lower	Upper
228	100	
226	31.9	25.0 37.6
229	22.6	16.2 24.4

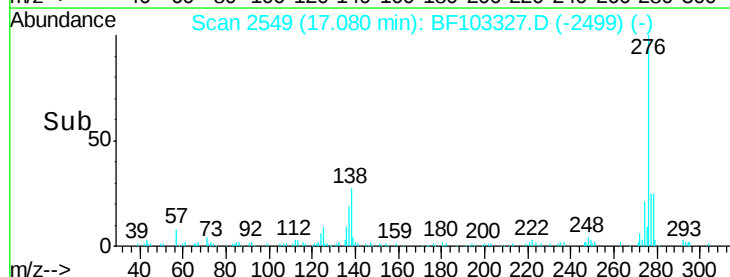
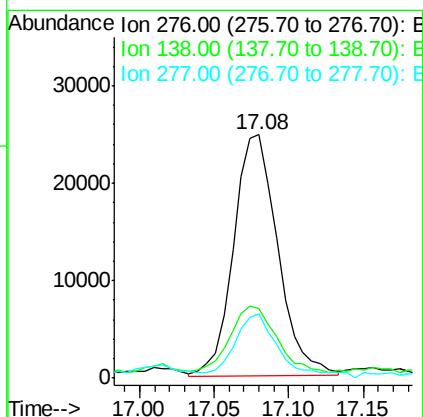
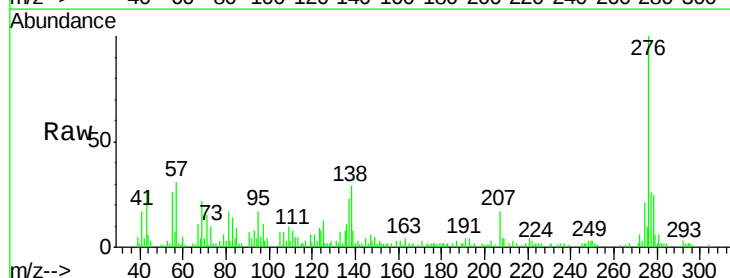
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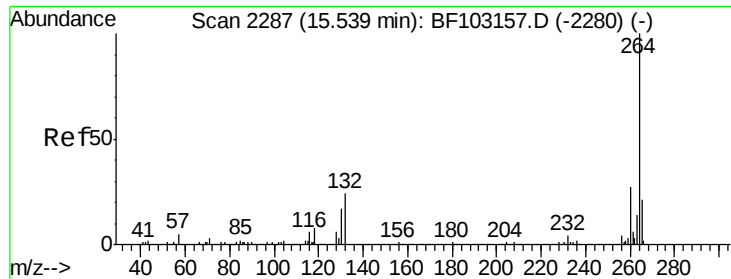
Sohil
3/2/2018 3:30:16 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 4.275 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Tgt Ion:276	Resp:	50920
Ion Ratio	Lower	Upper
276	100	
138	29.3	25.0 37.6
277	27.3	20.1 30.1





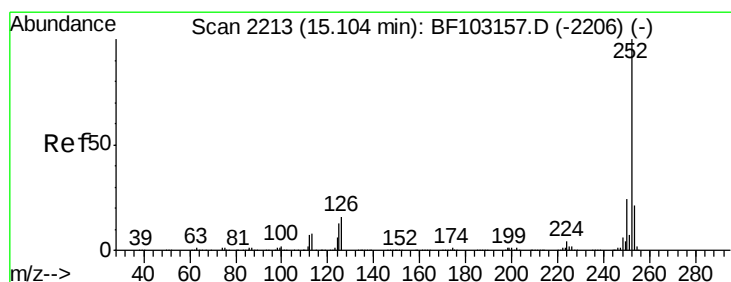
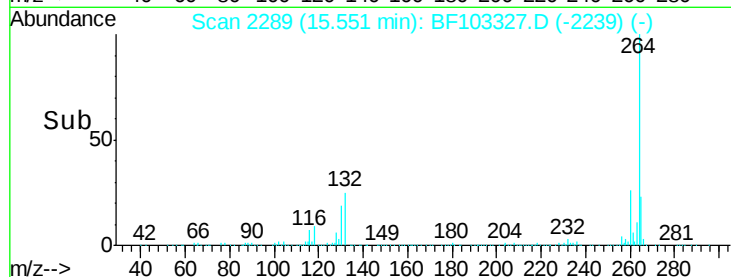
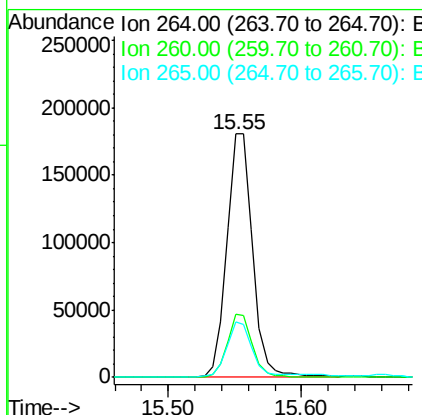
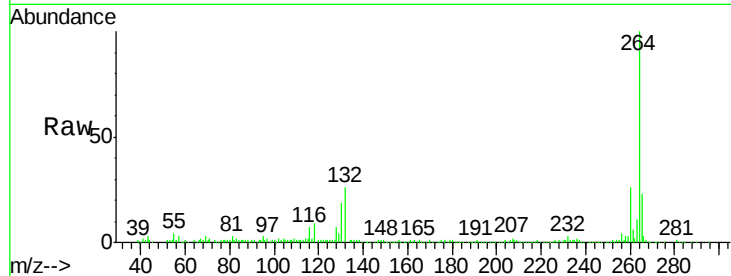
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Instrument :
BNA_F
ClientSampled :
RO-215

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	22.7	17.5	26.3

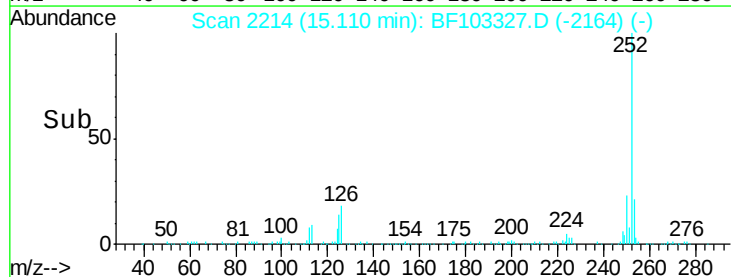
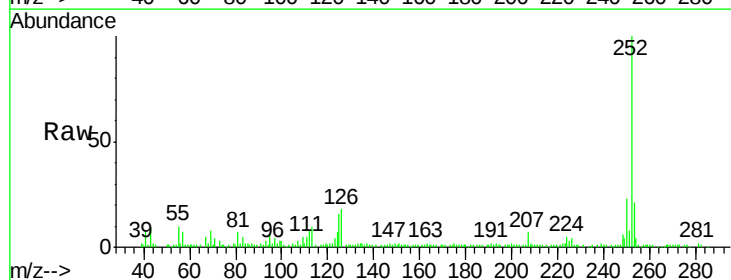
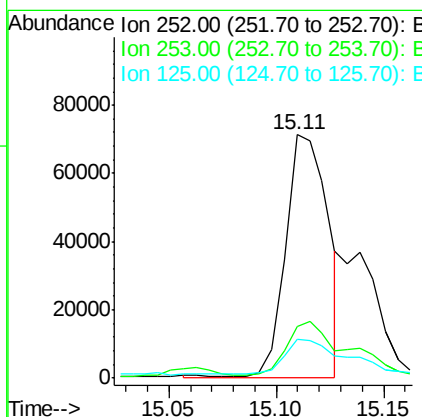
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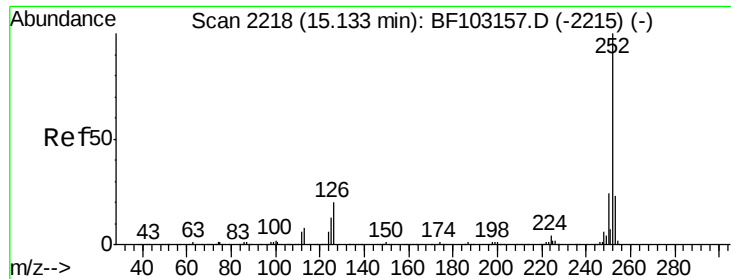
Sohil
3/2/2018 3:30:16 PM



#87
Benzo(b)fluoranthene
Concen: 6.182 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	15.8	9.0	13.6#





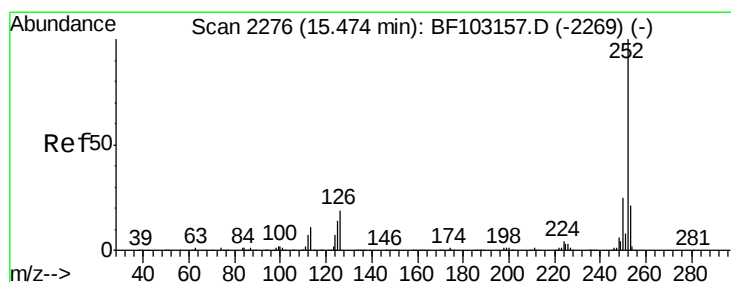
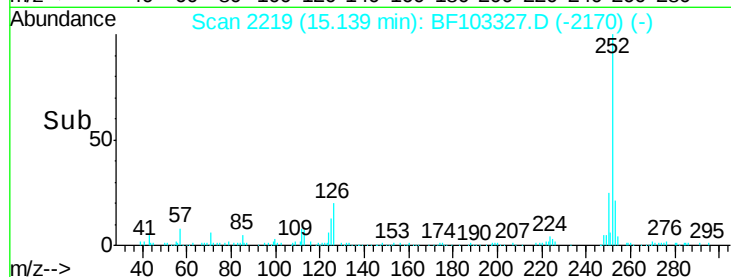
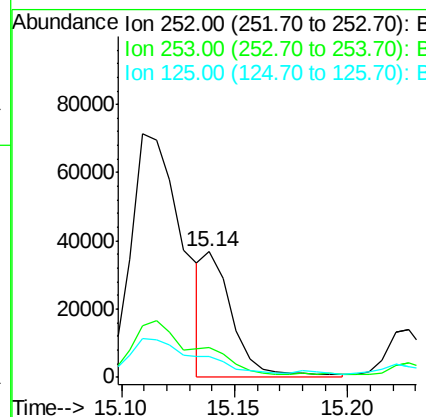
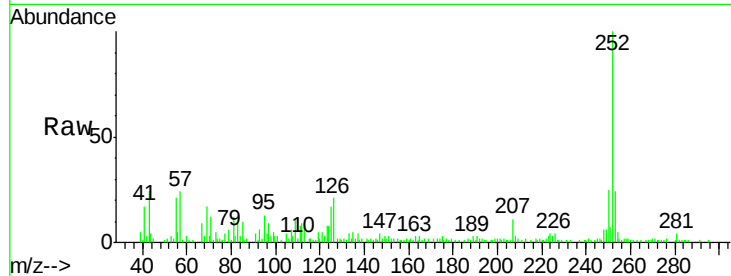
#88
Benzo(k)fluoranthene
Concen: 2.183 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Instrument :
BNA_F
ClientSampled :
RO-215

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	16.7	10.2	15.2

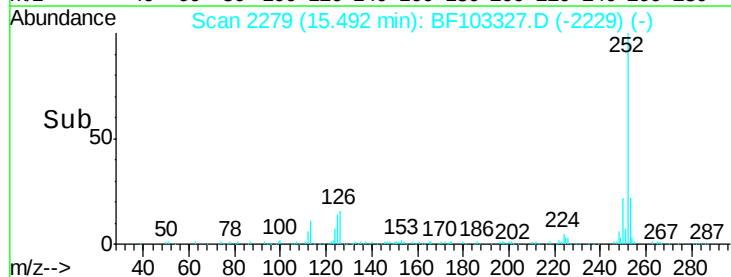
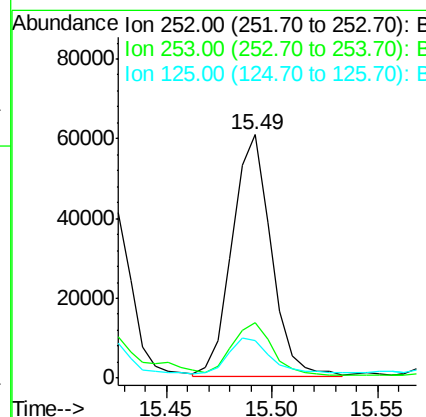
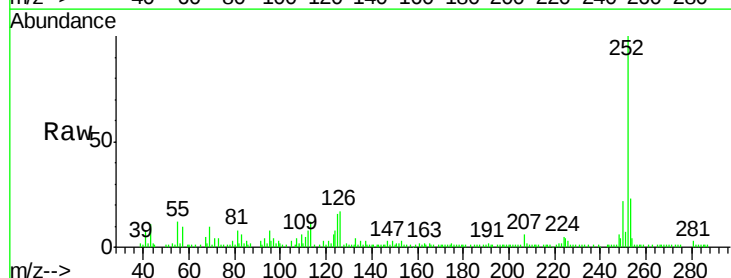
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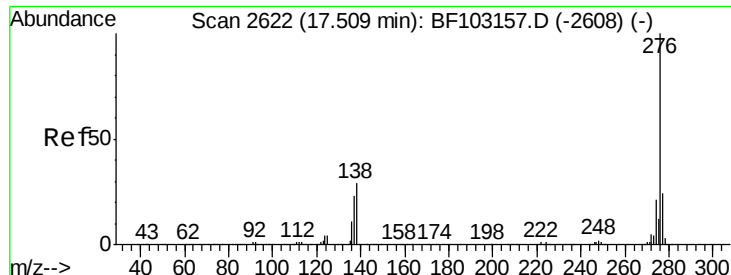
Sohil
3/2/2018 3:30:16 PM



#89
Benzo(a)pyrene
Concen: 5.314 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF103327.D
Acq: 1 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.6	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.993 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: BF103327.D
 Acq: 1 Mar 2018 11:02

Instrument :
 BNA_F
 ClientSampleId :
 RO-215

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	29.3	21.8	32.8

Manual Integrations
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Sohil
 3/2/2018 3:30:16 PM

