

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098554.D
 Acq On : 15 Sep 2017 3:32
 Operator : SJ/JU
 Sample : I5216-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-A

Manual Integrations
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Sohil
 9/15/2017 5:44:35 PM

Quant Time: Sep 15 07:33:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	158546	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	650205	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	270767	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	436125	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	355577	20.00	ng	-0.02
86) Perylene-d12	15.20	264	317034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	103685	9.67	ng	0.00
7) Phenol-d6	6.32	99	135071	9.92	ng	0.00
23) Nitrobenzene-d5	7.22	82	78055	6.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	19623	10.86	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	156076	9.77	ng	-0.03
78) Terphenyl-d14	12.74	244	108416	6.58	ng	-0.02
Target Compounds						
74) Fluoranthene	12.37	202	59880	2.587	ng	96
77) Pyrene	12.60	202	59144	2.109	ng	99

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

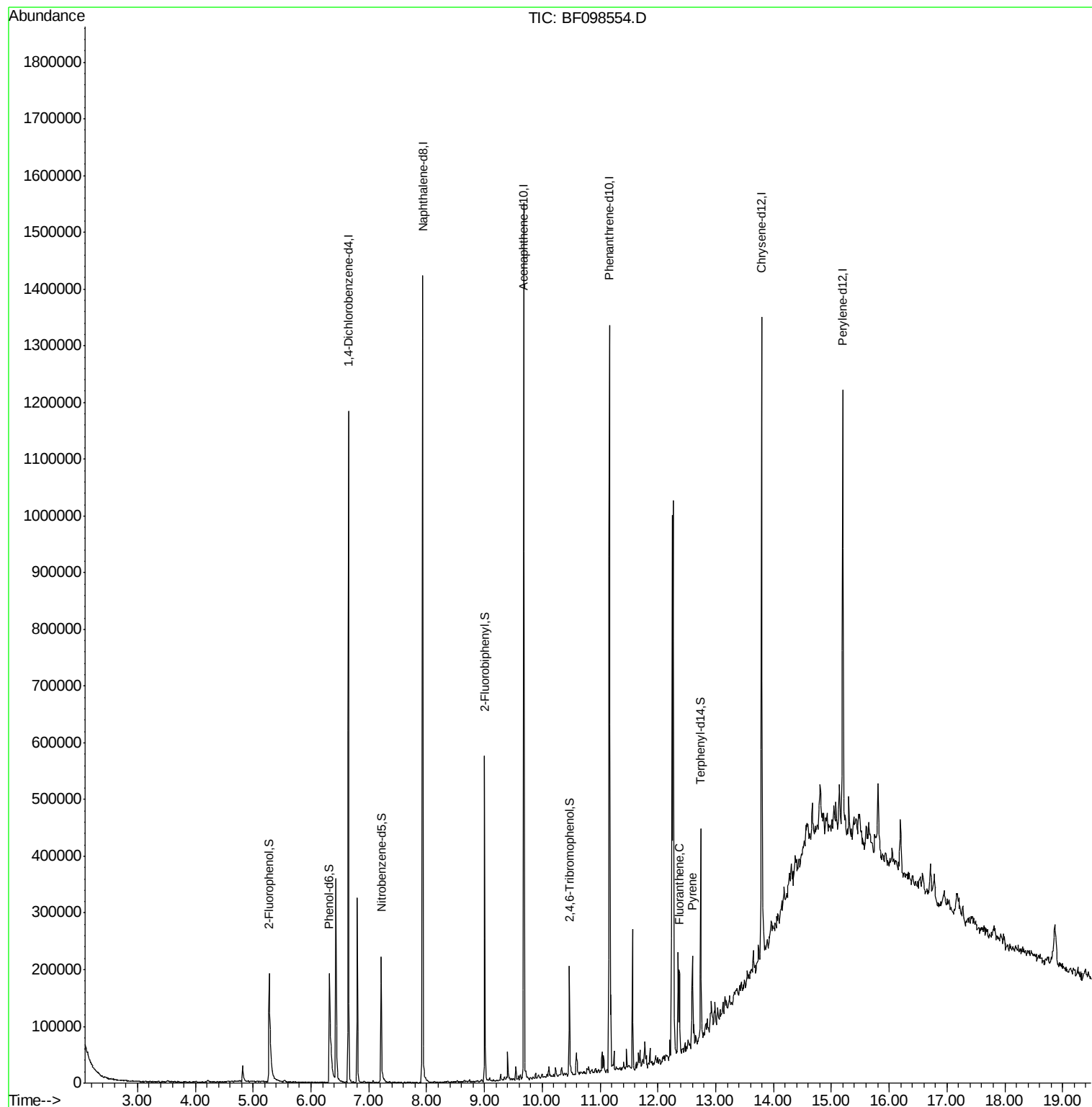
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098554.D
Acq On : 15 Sep 2017 3:32
Operator : SJ/JU
Sample : I5216-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

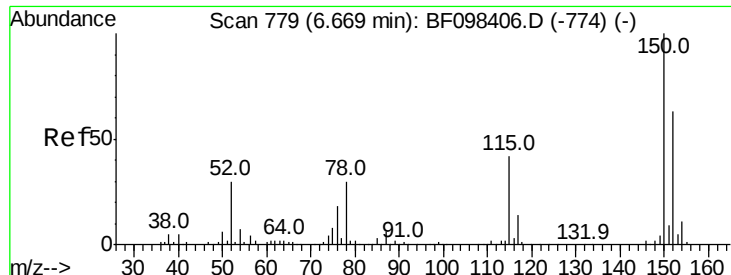
Instrument :
BNA_F
ClientSampleId :
EO-02-091217-A

Manual Integrations
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Sohil
9/15/2017 5:44:35 PM

Quant Time: Sep 15 07:33:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

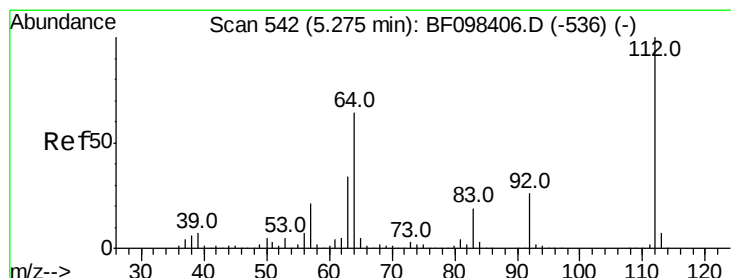
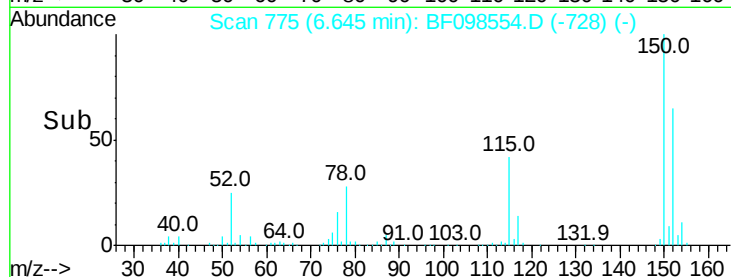
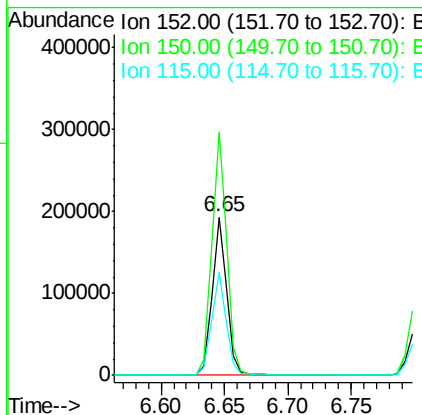
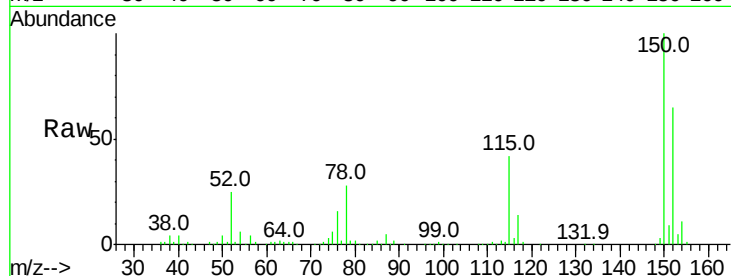
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098554.D
Acq: 15 Sep 2017 3:32

Instrument :
BNA_F
ClientSampleId :
EO-02-091217-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	65.2	52.2	78.2

Manual Integrations
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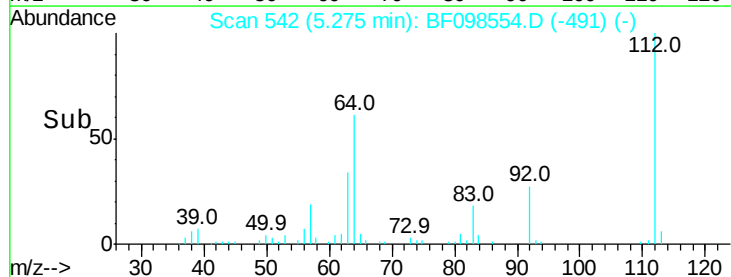
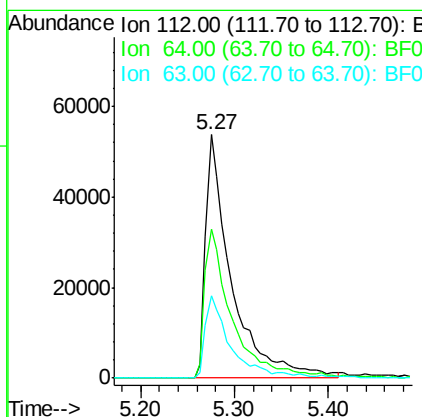
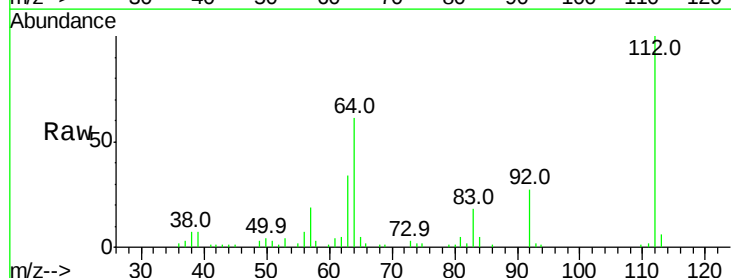
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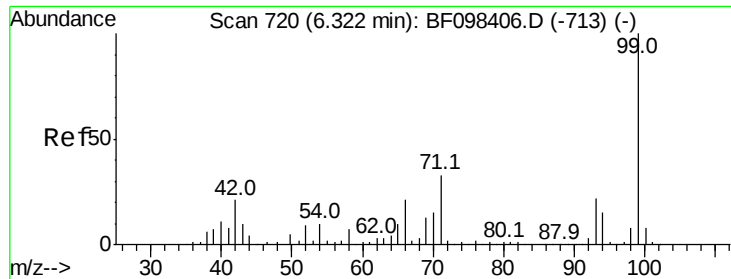


#5

2-Fluorophenol
Concen: 9.669 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098554.D
Acq: 15 Sep 2017 3:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	33.6	23.4	35.0





#7

Phenol-d6

Concen: 9.921 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Instrument :

BNA_F

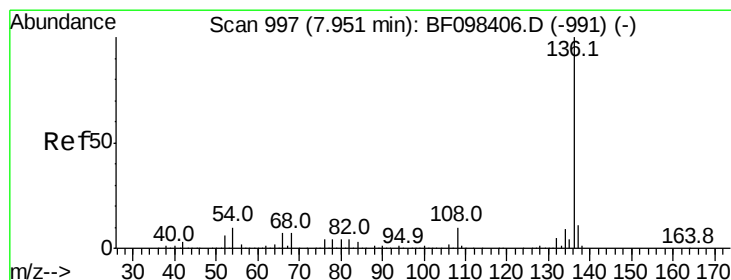
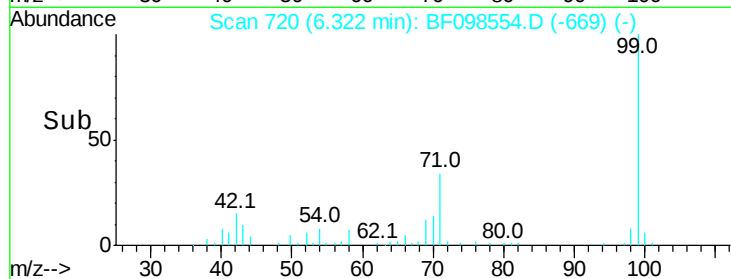
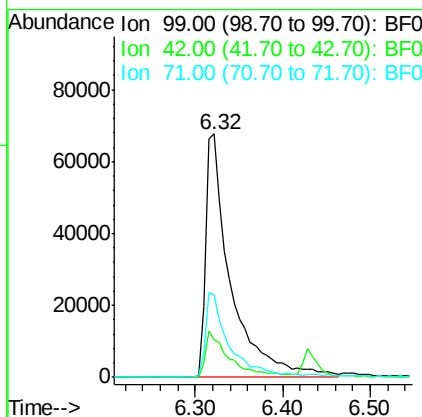
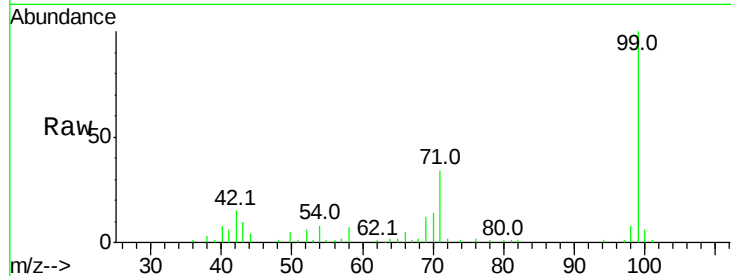
ClientSampleId :

EO-02-091217-A

Tot Ion:	99	Resp:	135071
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	33.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

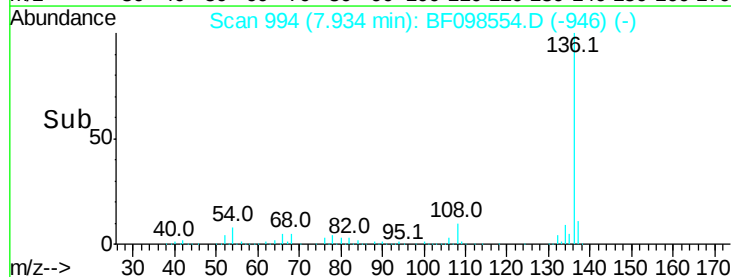
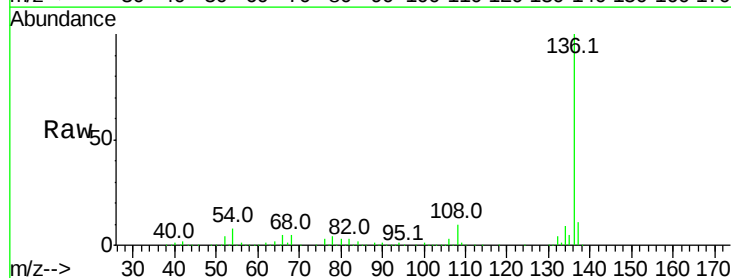
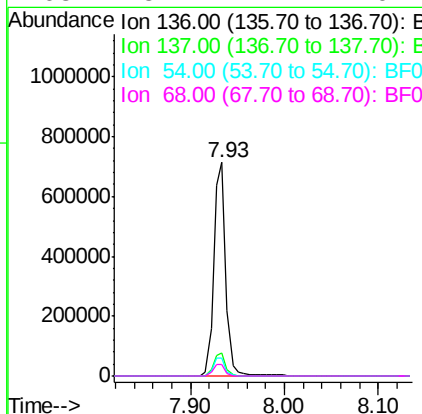
RT: 7.93 min Scan# 994

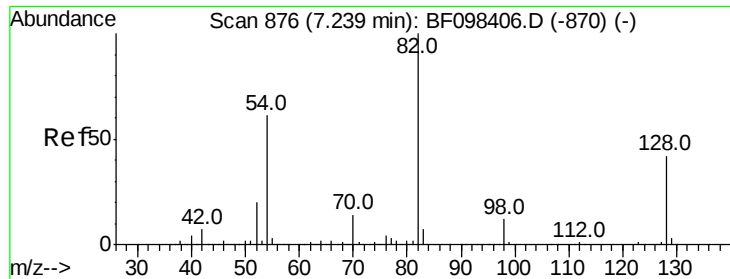
Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Tgt Ion:	136	Resp:	650205
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	8.1	4.9	7.3#
68	5.4	4.1	6.1





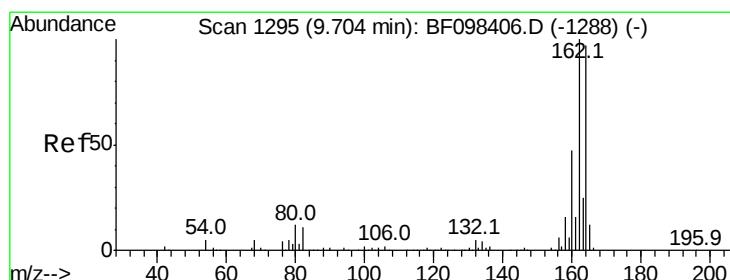
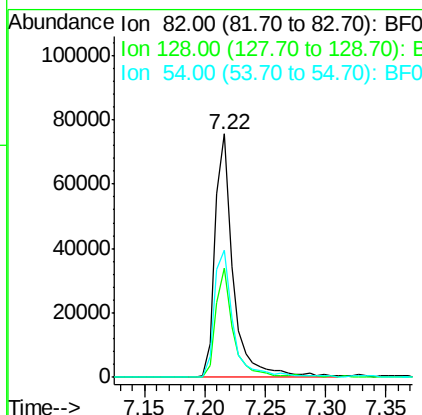
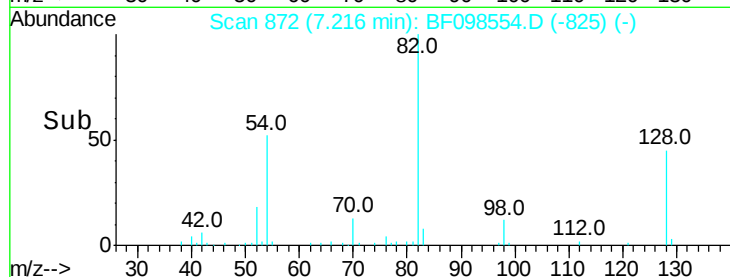
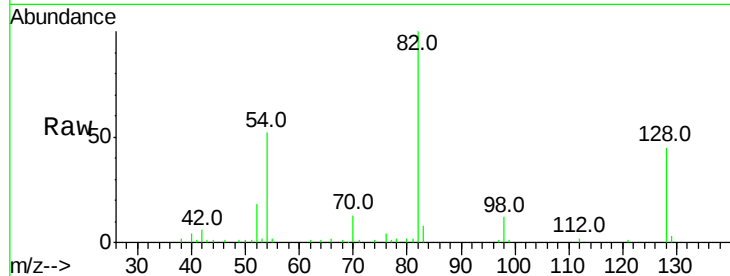
#23
Nitrobenzene-d5
Concen: 6.693 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098554.D
Acq: 15 Sep 2017 3:32

Instrument :
BNA_F
ClientSampleId :
EO-02-091217-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	52.3	42.2	63.2

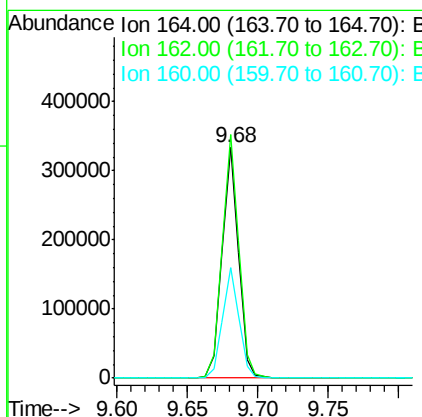
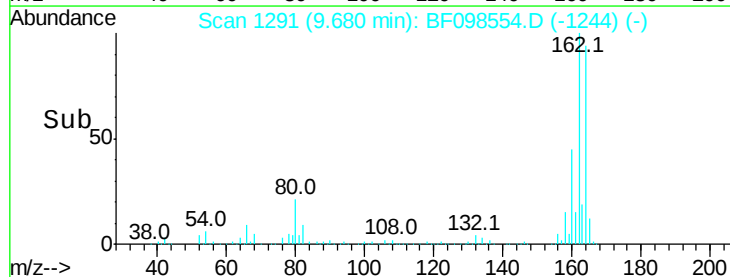
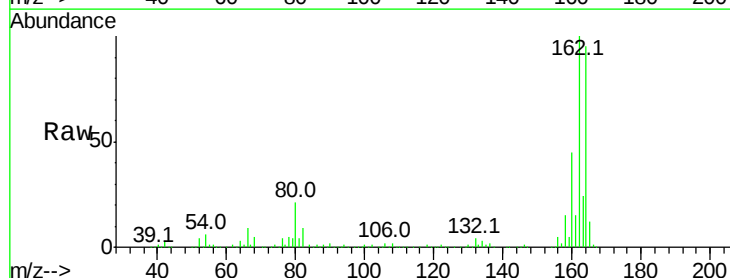
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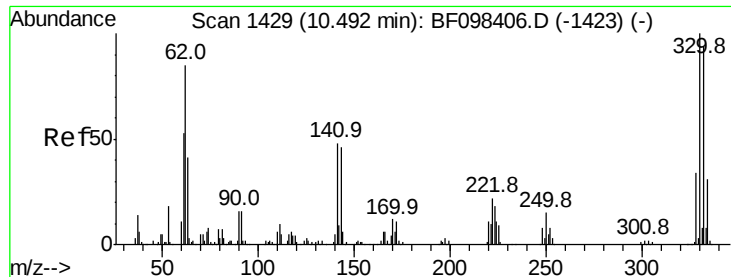
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098554.D
Acq: 15 Sep 2017 3:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	47.7	36.2	54.2





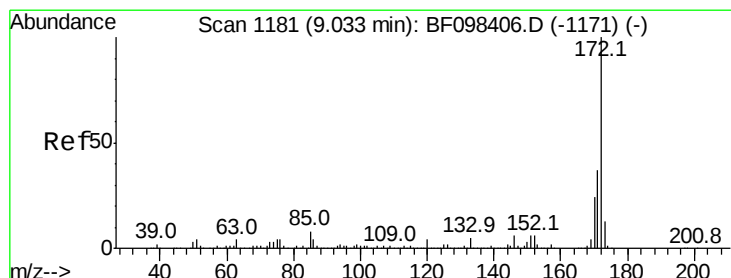
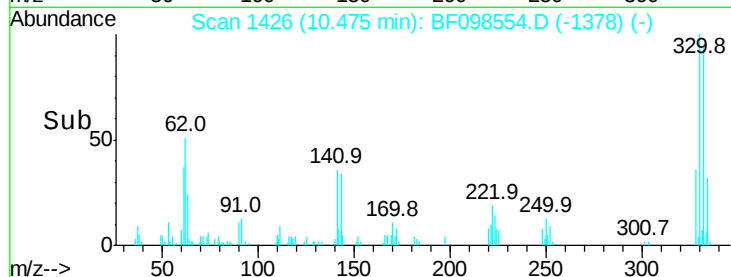
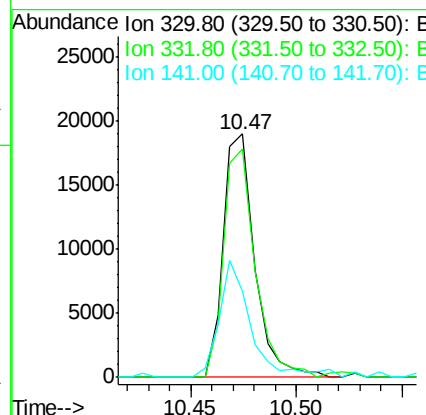
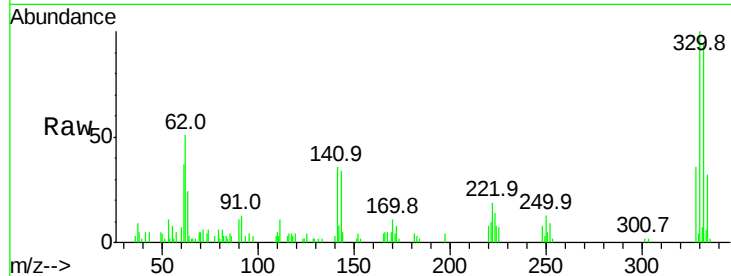
#41
 2,4,6-Tribromophenol
 Concen: 10.859 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098554.D
 Acq: 15 Sep 2017 3:32

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.4	76.6	115.0	
141	48.7	31.4	47.2	

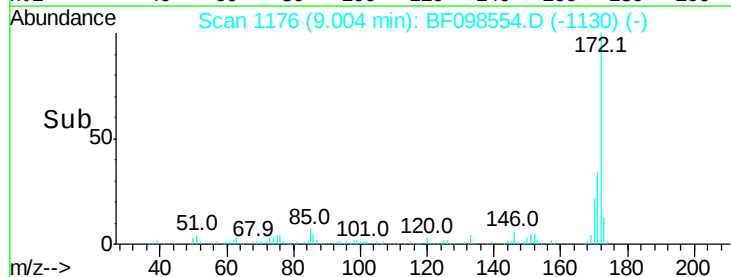
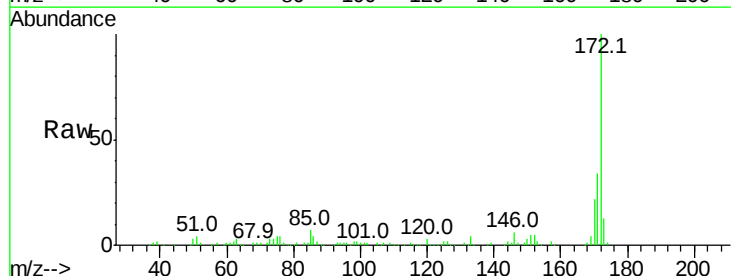
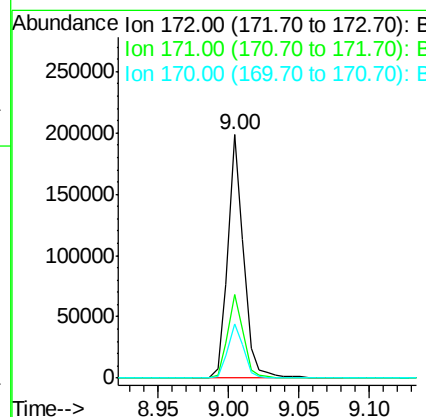
Manual Integrations
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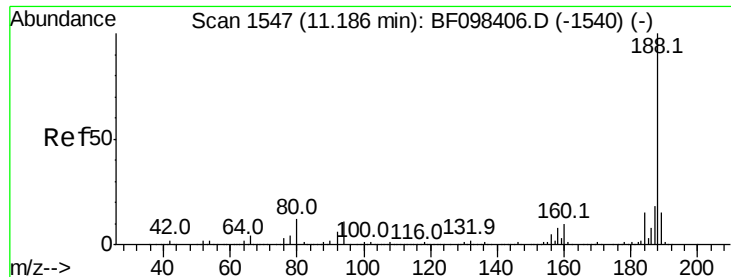
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#44
 2-Fluorobiphenyl
 Concen: 9.770 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.03 min
 Lab File: BF098554.D
 Acq: 15 Sep 2017 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	29.6	44.4	
170	22.4	19.8	29.8	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Instrument :

BNA_F

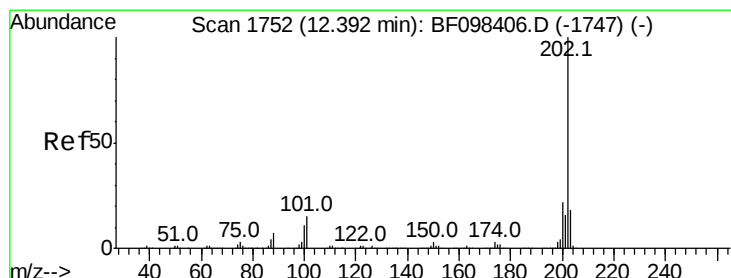
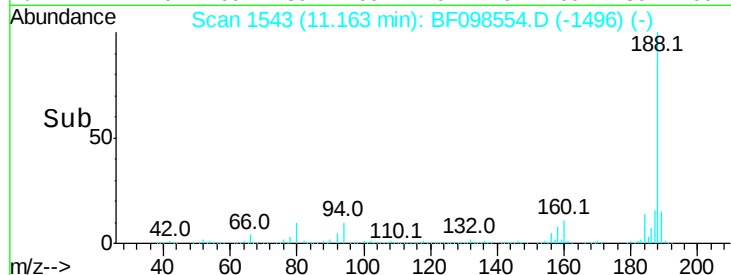
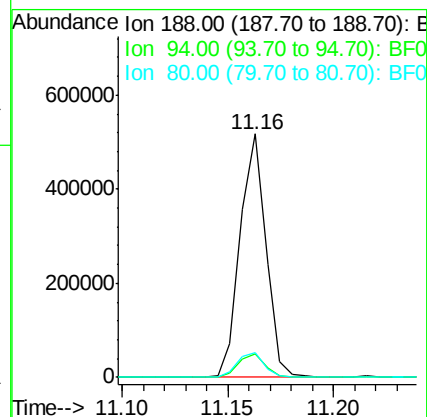
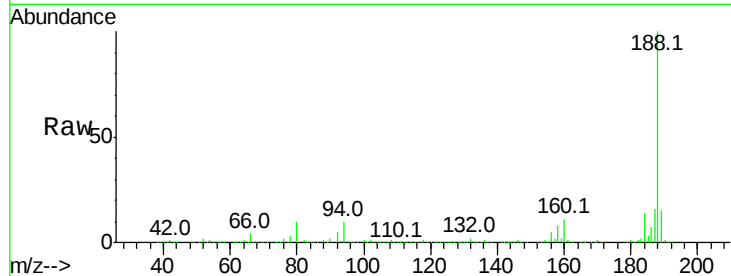
ClientSampleId :

EO-02-091217-A

Tot Ion:	188	Resp:	436125
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.4	14.2
80	10.4	10.2	15.2

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#74

Fluoranthene

Concen: 2.587 ng

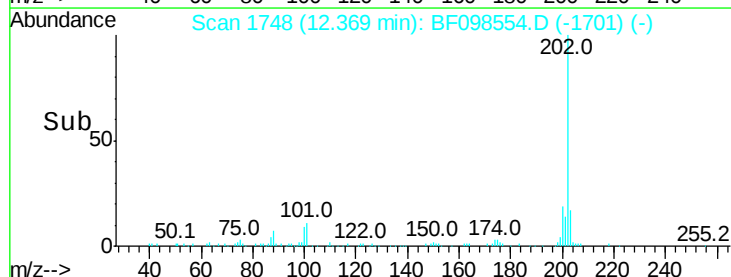
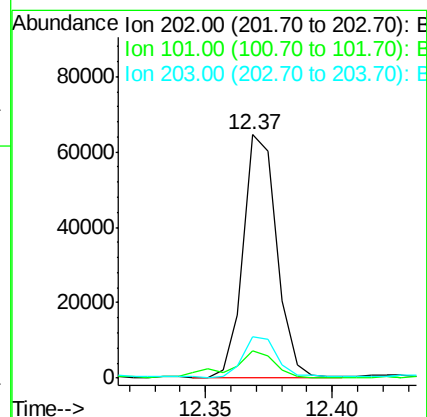
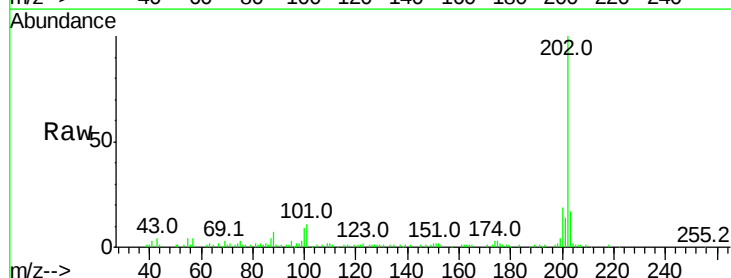
RT: 12.37 min Scan# 1748

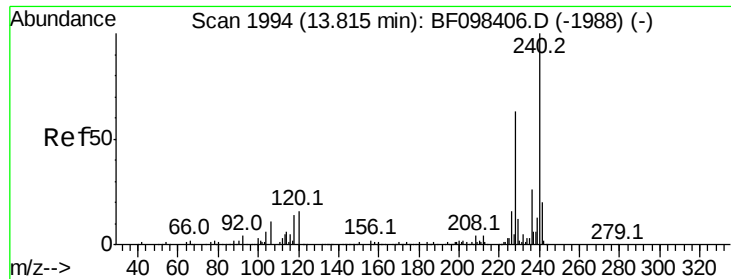
Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Tgt Ion:	202	Resp:	59880
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Instrument :

BNA_F

ClientSampleId :

EO-02-091217-A

Tot Ion:240 Resp: 355577
Ion Ratio Lower Upper

240 100

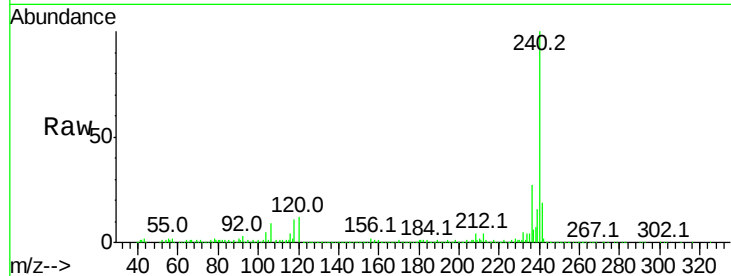
120 12.4 5.8 8.8#

236 26.9 20.5 30.7

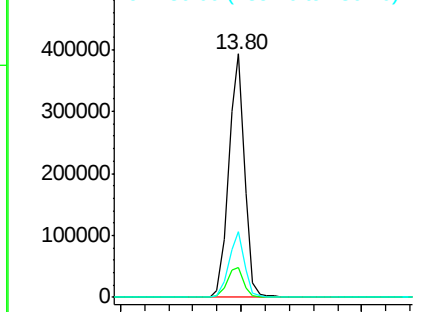
Manual Integrations
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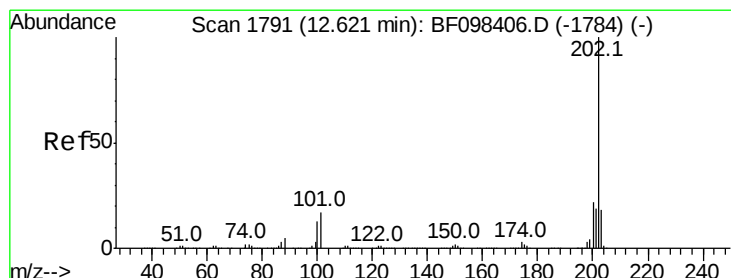
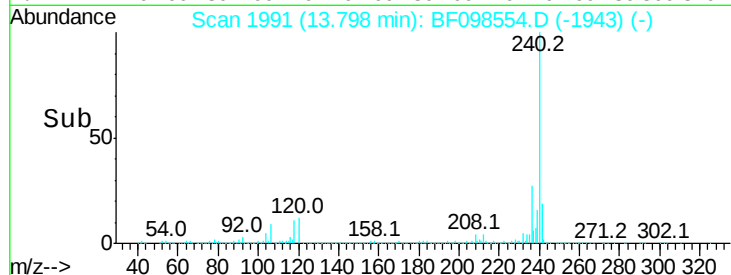
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90



#77

Pyrene

Concen: 2.109 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.02 min

Lab File: BF098554.D

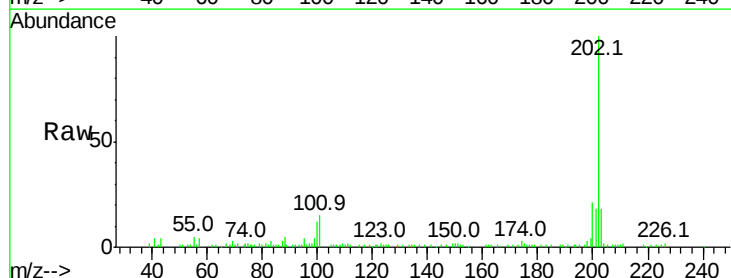
Acq: 15 Sep 2017 3:32

Tgt Ion:202 Resp: 59144
Ion Ratio Lower Upper

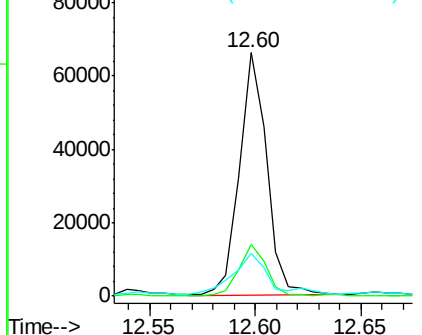
202 100

200 21.4 17.6 26.4

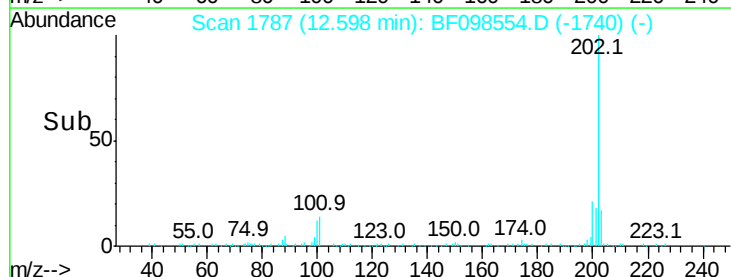
203 17.5 14.4 21.6

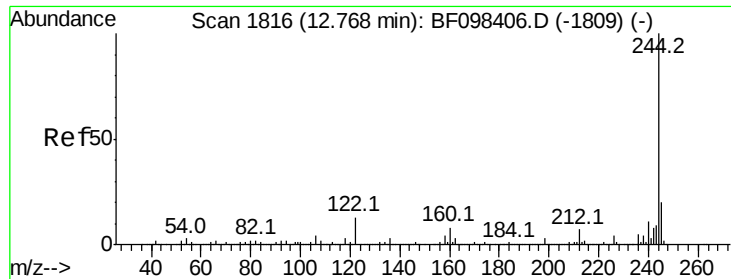


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.55 12.60 12.65





#78

Terphenyl-d14

Concen: 6.581 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Instrument :

BNA_F

ClientSampleId :

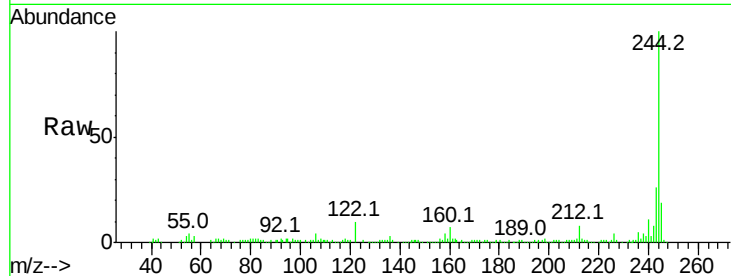
EO-02-091217-A

Tot Ion:	244	Resp:	108416
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.0	9.0
122	9.7	10.3	15.5#

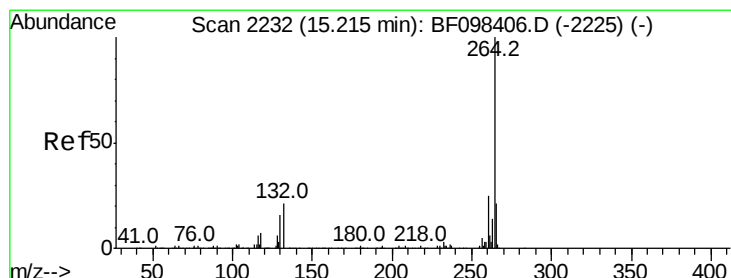
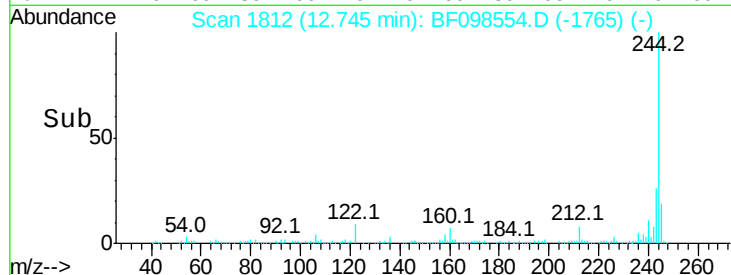
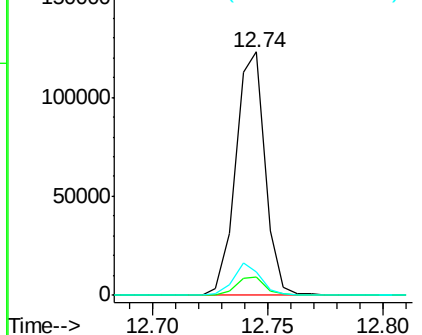
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098554.D

Acq: 15 Sep 2017 3:32

Tgt Ion:	264	Resp:	317034
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	22.2	17.2	25.8

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

