

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100063.D
 Acq On : 1 Nov 2017 23:43
 Operator : SJ/JU
 Sample : I6216-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Manual Integrations
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Sohil
 11/2/2017 4:27:41 PM

Quant Time: Nov 02 04:22:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	94810	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	376522	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	159154	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242820	20.00	ng	0.02
75) Chrysene-d12	14.40	240	177374m	20.00	ng	0.43
86) Perylene-d12	16.39	264	175576m	20.00	ng	0.92
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	421379	69.78	ng	0.00
7) Phenol-d6	6.42	99	512454	71.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	278132	47.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	97875	67.48	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	529751	51.35	ng	0.00
78) Terphenyl-d14	13.06	244	361794m	44.58	ng	0.16
Target Compounds						
10) Phenol	6.44	94	20311	2.583	ng	81
49) Dimethylphthalate	9.54	163	112058	8.891	ng	99
70) Phenanthrene	11.35	178	38378	2.801	ng	97
74) Fluoranthene	12.63	202	218872	15.369	ng	98

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

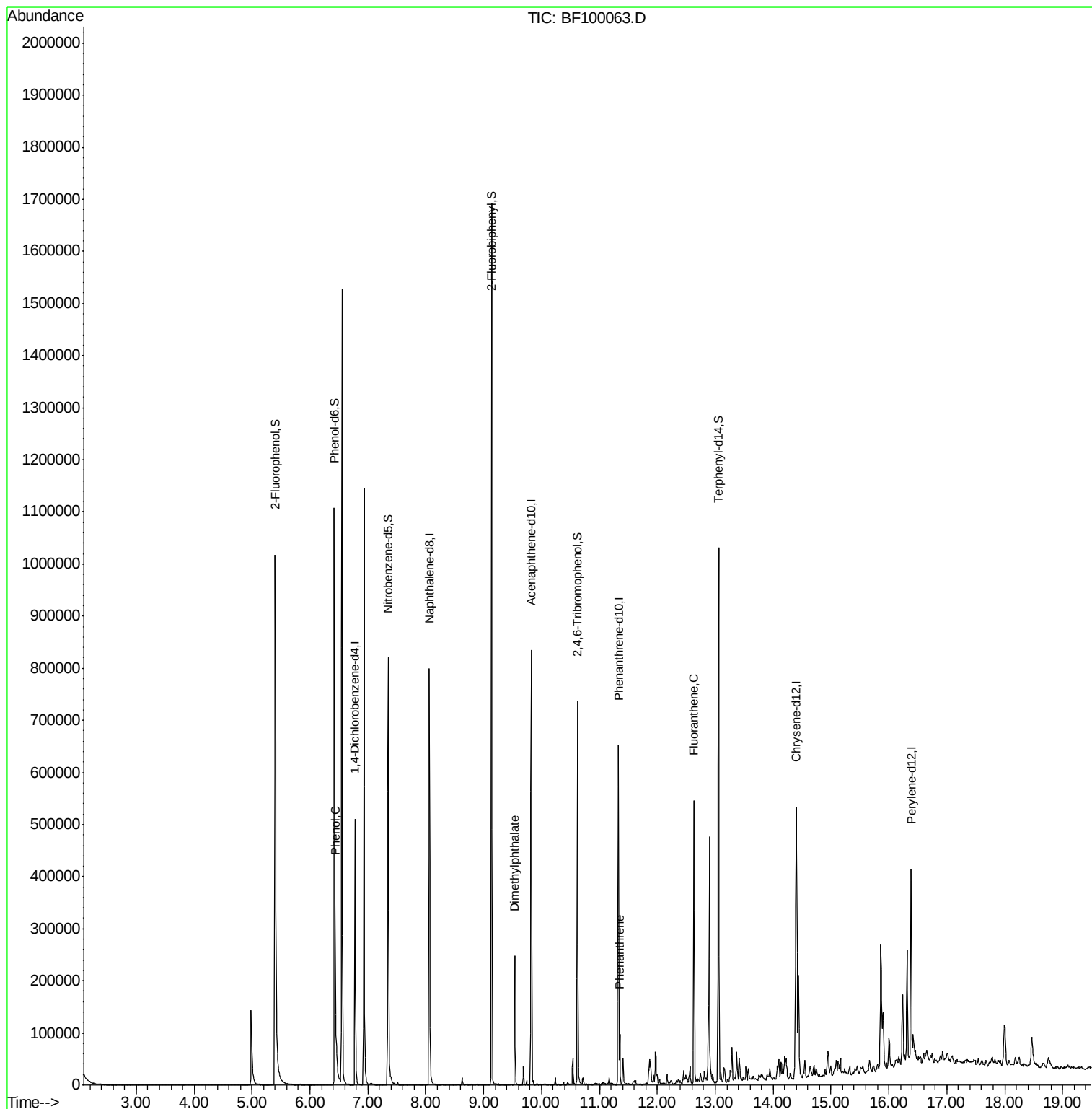
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100063.D
Acq On : 1 Nov 2017 23:43
Operator : SJ/JU
Sample : I6216-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
EPE-109-3(0-5)

Manual Integrations
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Quant Time: Nov 02 04:22:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration





#1

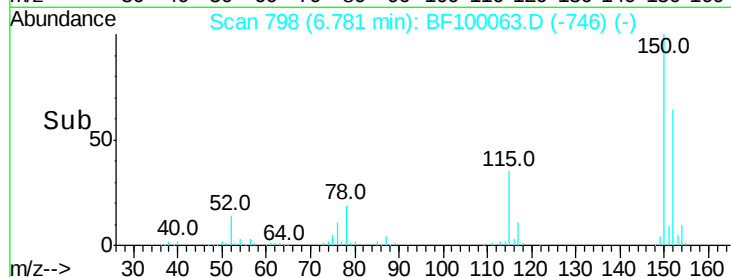
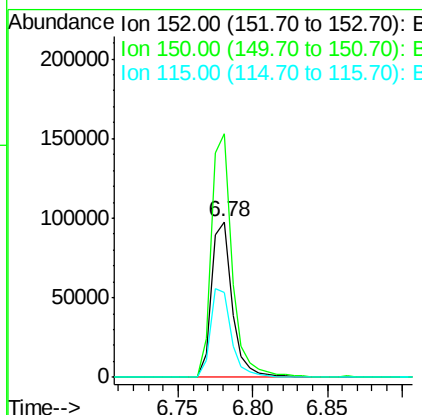
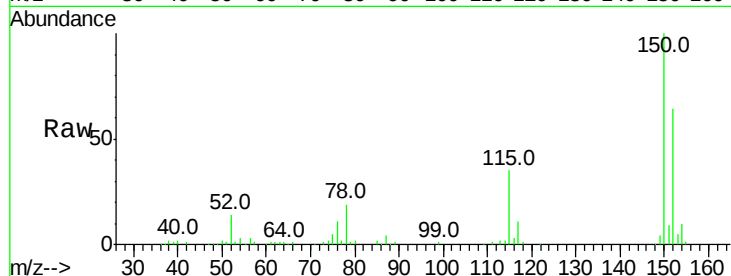
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	54.7	50.1	75.1

Manual Integrations
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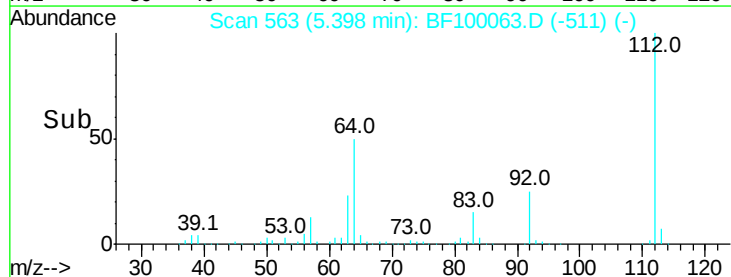
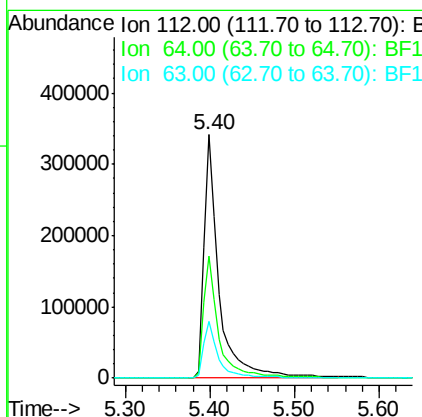
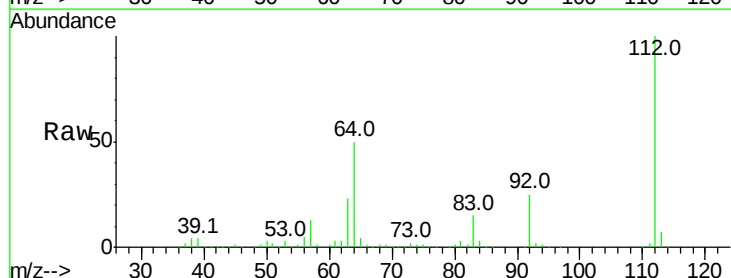
Sohil
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#5

2-Fluorophenol
Concen: 69.776 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	47.9	71.9
63	23.3	23.7	35.5





#7

Phenol-d6

Concen: 71.566 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

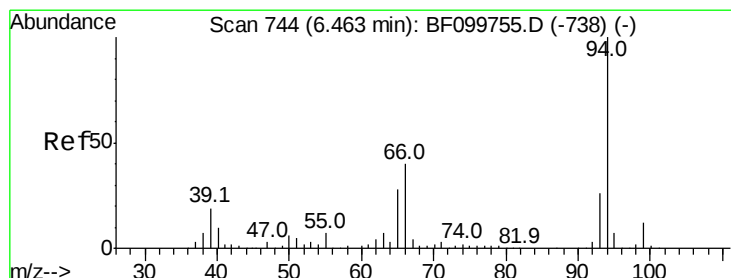
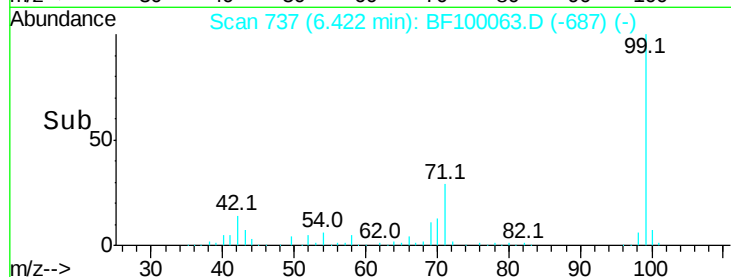
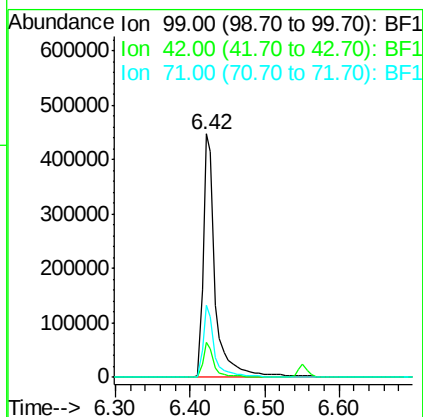
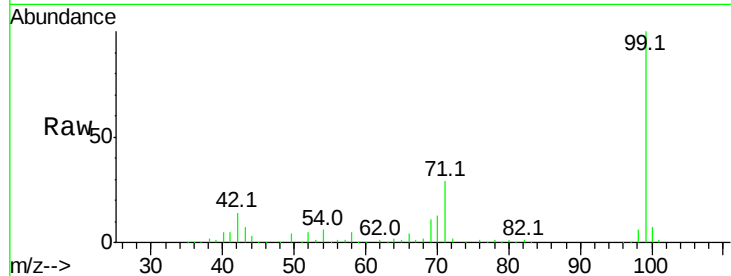
ClientSampleId :

EPE-109-3(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		512454		
42	14.2	14.5	21.7#		
71	29.4	25.4	38.0		

Manual Integrations
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#10

Phenol

Concen: 2.583 ng

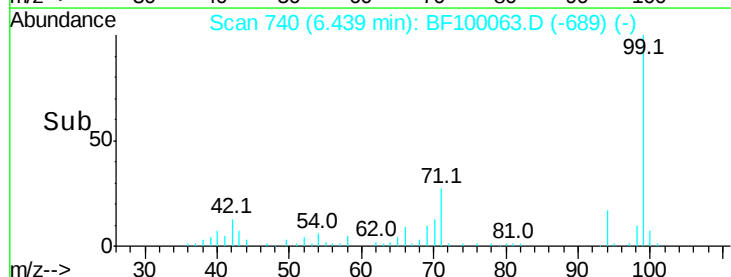
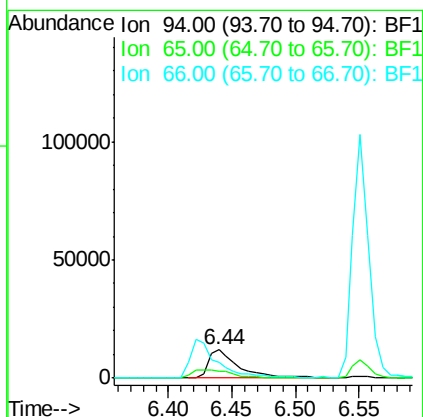
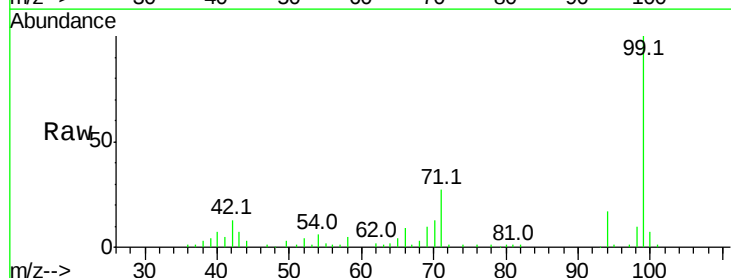
RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		20311		
65	25.5	7.9	47.9		
66	53.6	16.2	56.2		





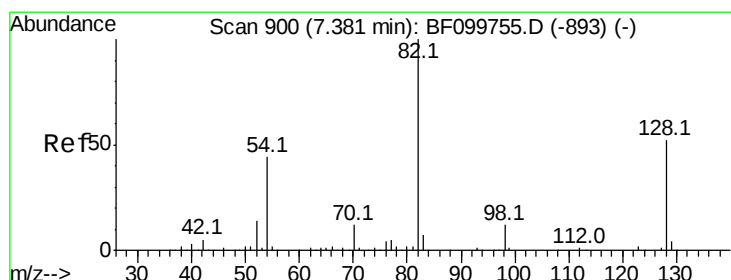
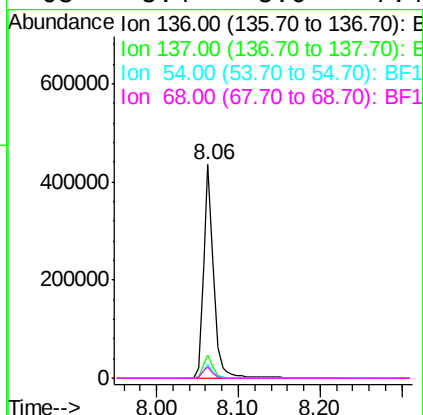
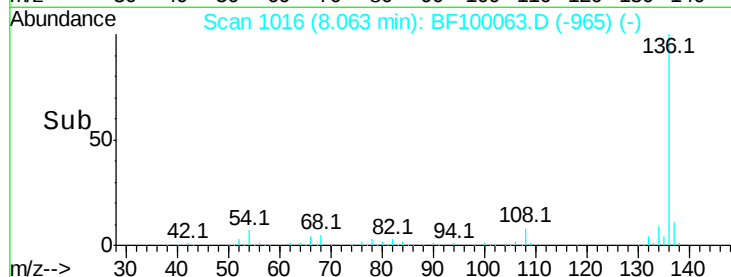
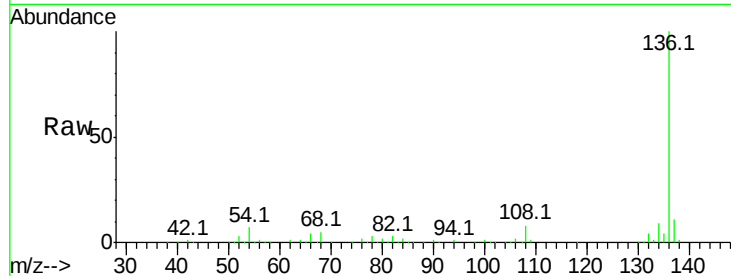
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.5	6.6	9.8	
68	5.4	5.0	7.4	

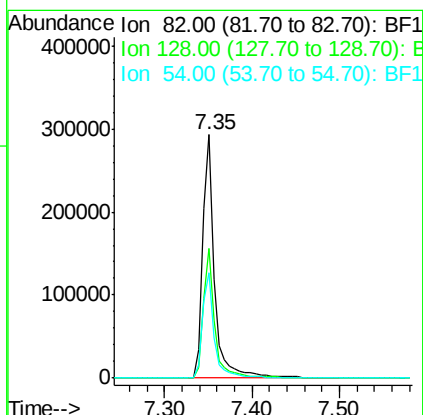
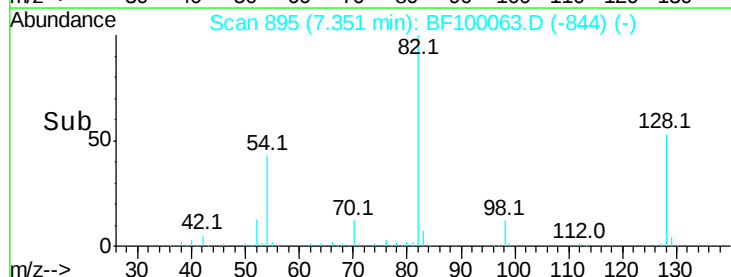
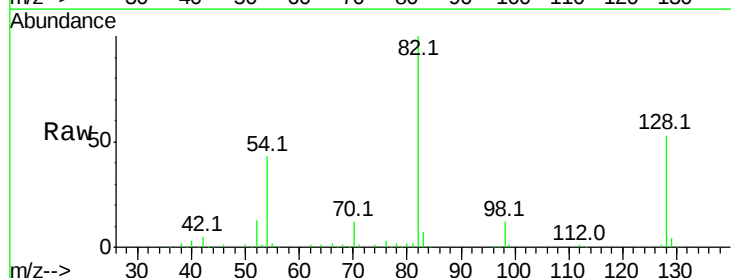
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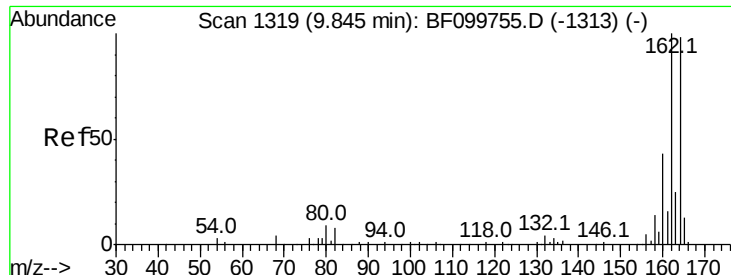
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#23
Nitrobenzene-d5
Concen: 47.557 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	53.3	36.1	54.1	
54	43.4	41.4	62.2	





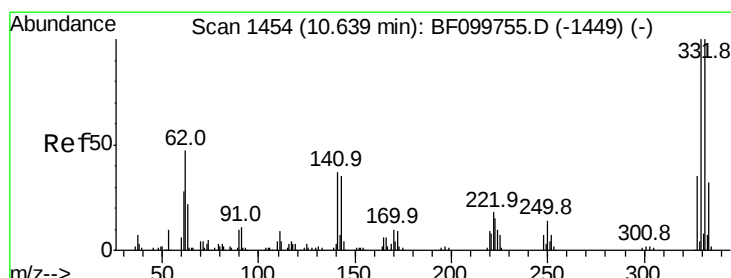
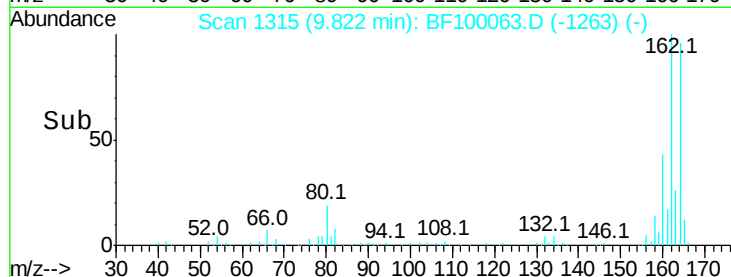
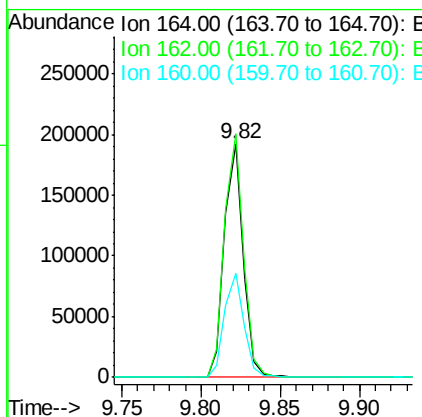
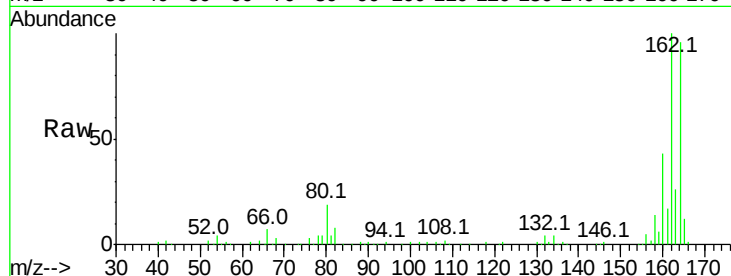
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	44.8	38.3	57.5

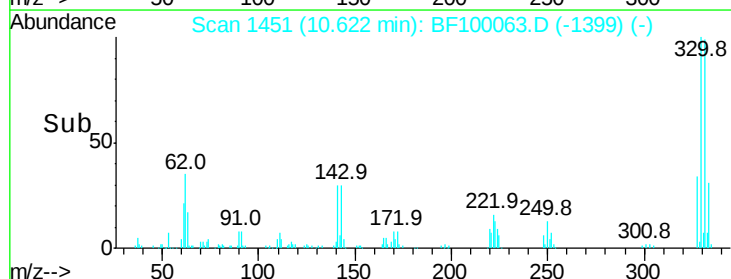
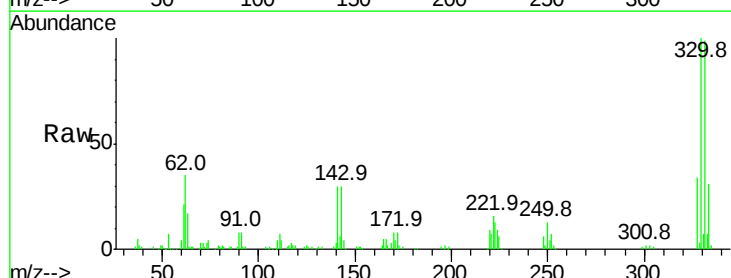
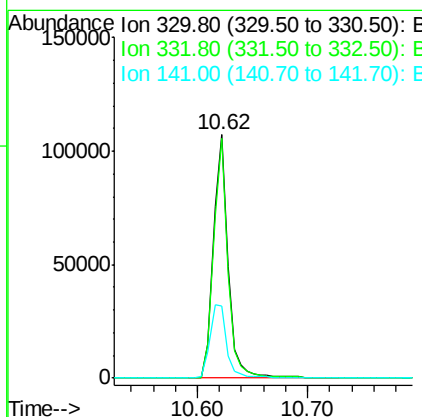
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#41
 2,4,6-Tribromophenol
 Concen: 67.482 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.8	29.9	44.9





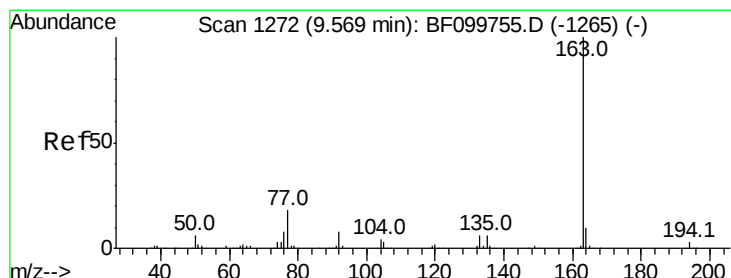
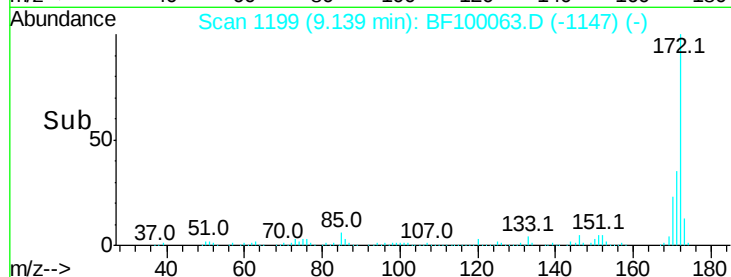
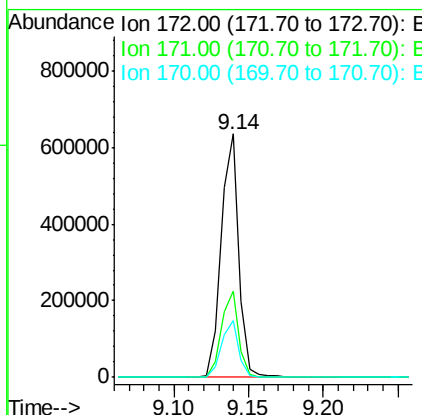
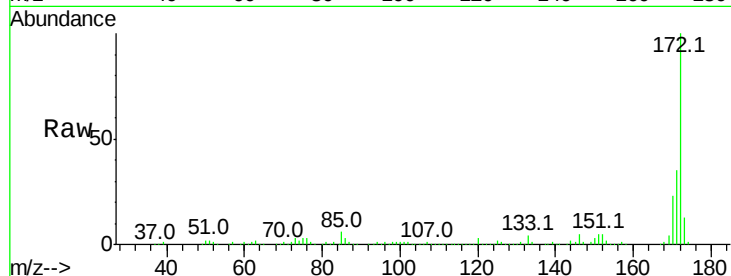
#44
 2-Fluorobiphenyl
 Concen: 51.354 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :
 EPE-109-3(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	529751		
171	35.4		29.7	44.5
170	23.1		19.6	29.4

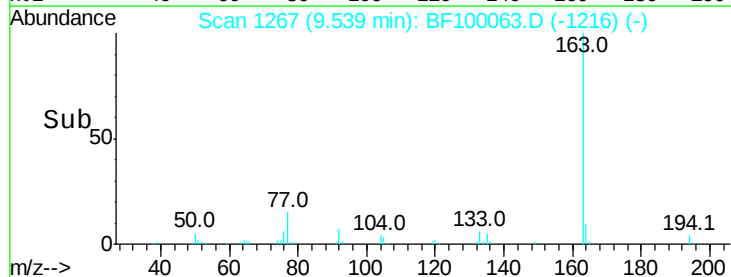
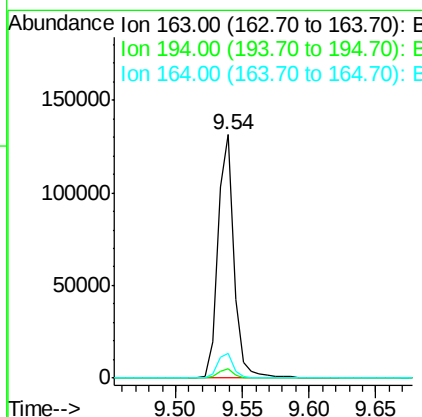
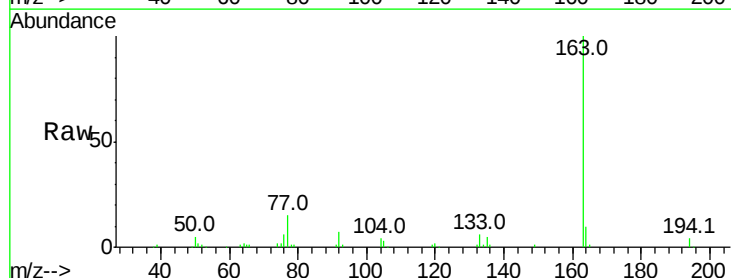
Manual Integrations
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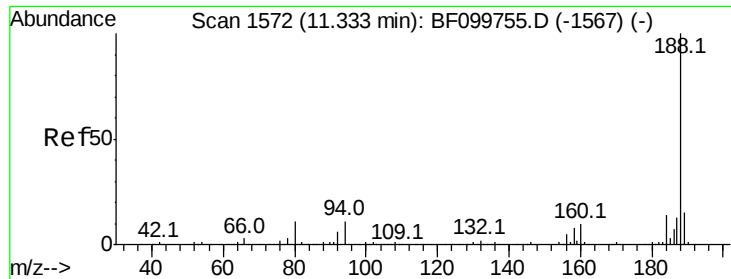
Sohil
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#49
 Dimethylphthalate
 Concen: 8.891 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	112058		
194	3.7		2.7	4.1
164	9.9		8.2	12.2





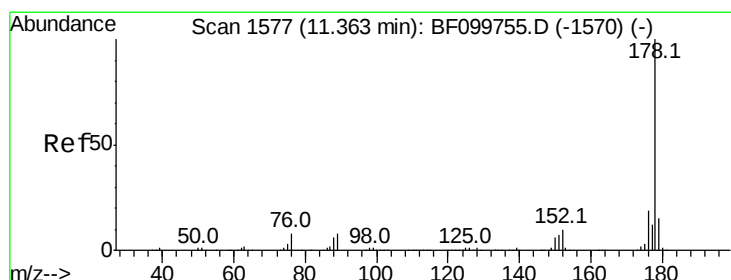
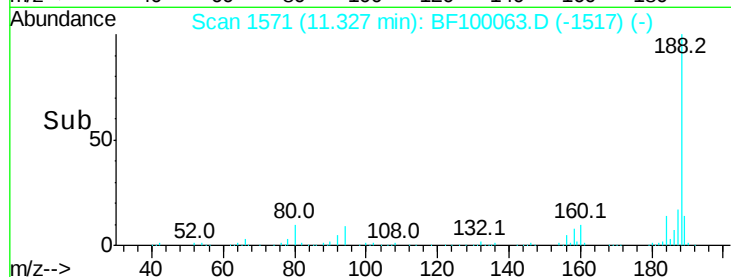
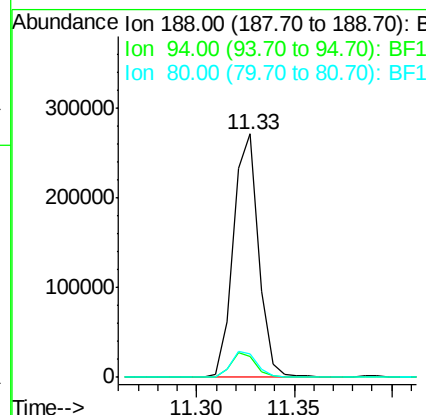
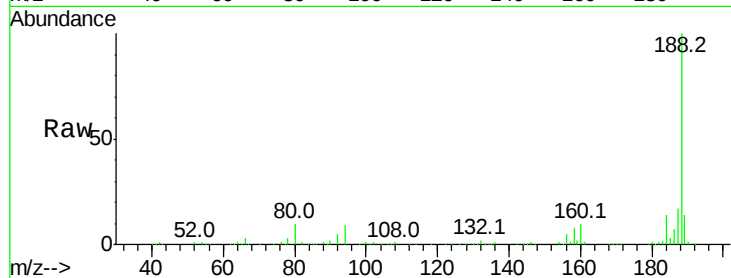
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Instrument :
BNA_F
ClientSampleId :
EPE-109-3(0-5)

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8

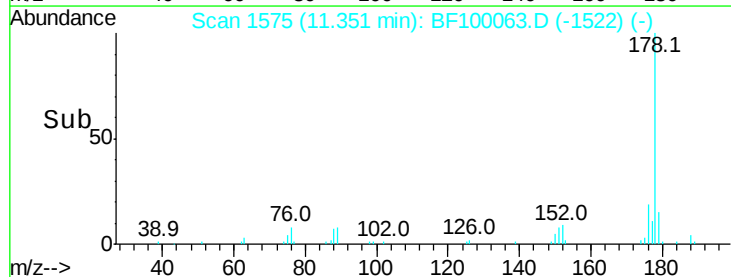
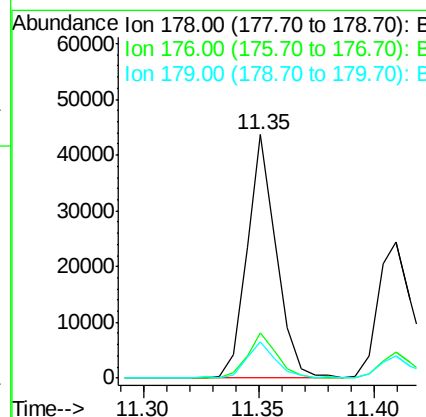
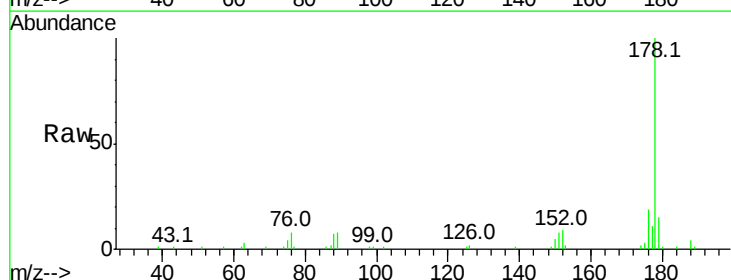
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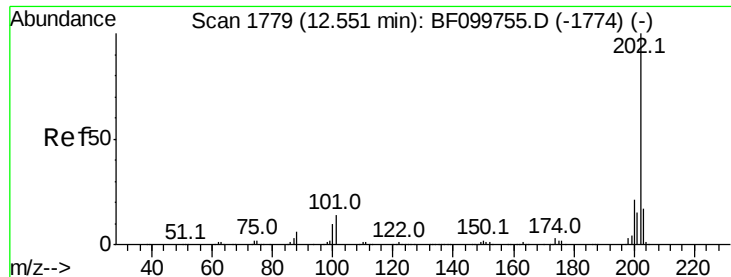
Sohil
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#70
Phenanthrene
Concen: 2.801 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.6	15.8	23.8
179	14.7	13.0	19.6





#74

Fluoranthene

Concen: 15.369 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.10 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

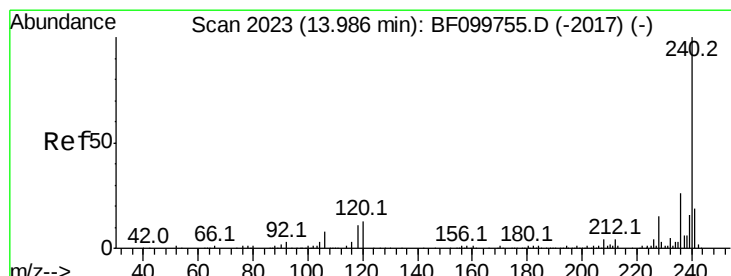
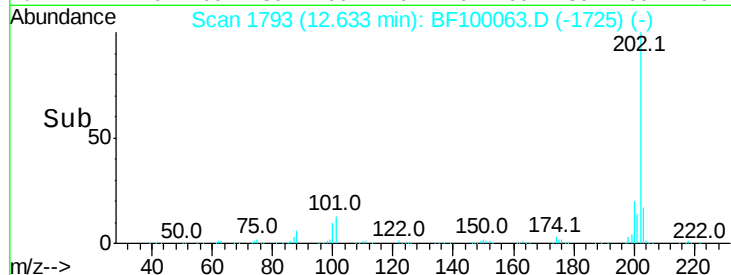
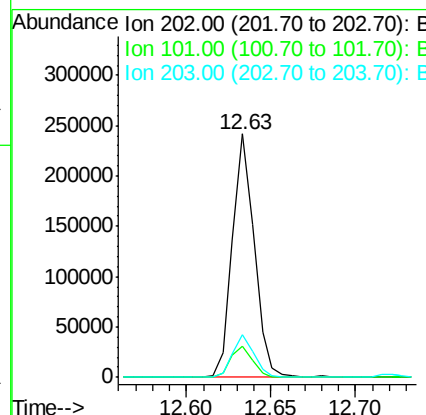
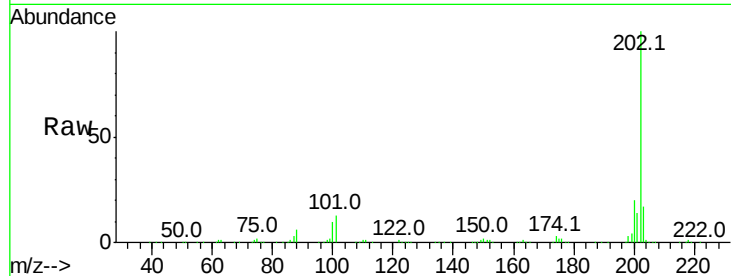
ClientSampleId :

EPE-109-3(0-5)

Tot Ion:	202	Resp:	218872
Ion Ratio		Lower	Upper
202	100		
101	12.6	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng m

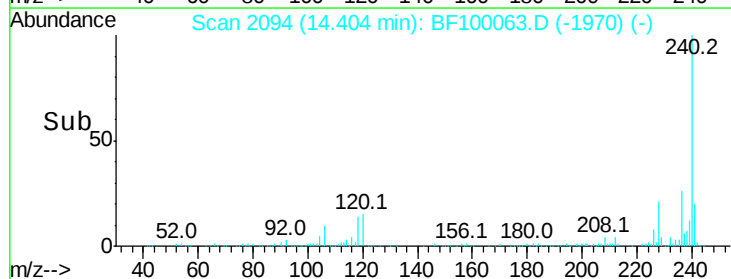
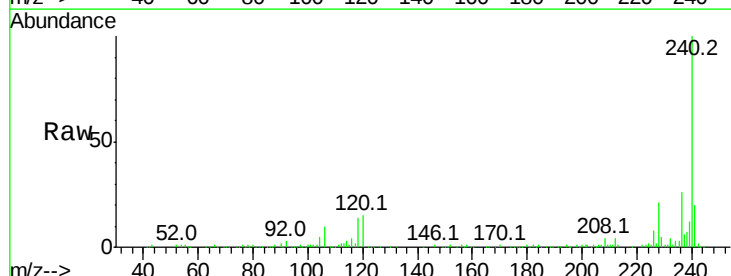
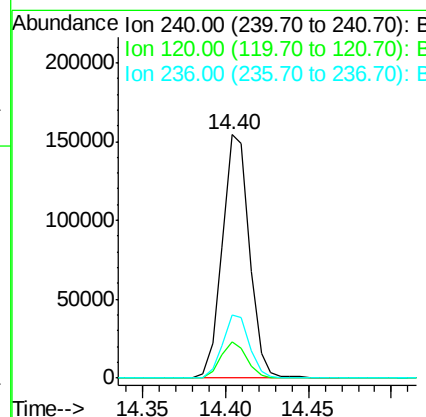
RT: 14.40 min Scan# 2094

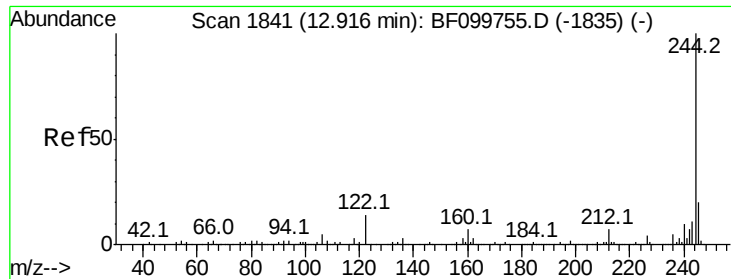
Delta R.T. 0.43 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Tgt Ion:	240	Resp:	177374
Ion Ratio		Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.8	20.7	31.1





#78

Terphenyl-d14

Concen: 44.576 ng m

RT: 13.06 min Scan# 1865

Delta R.T. 0.16 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

ClientSampleId :

EPE-109-3(0-5)

Tot Ion:244 Resp: 361794

Ion Ratio Lower Upper

244 100

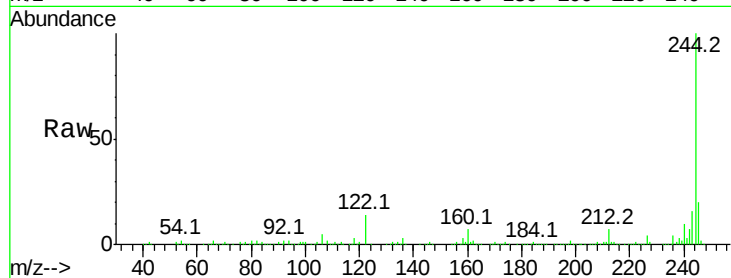
212 6.7 5.4 8.0

122 14.0 11.0 16.4

Manual Integrations
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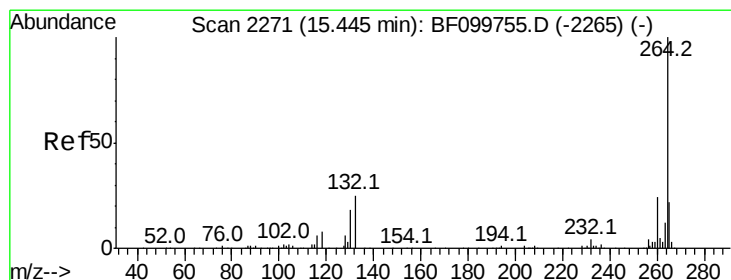
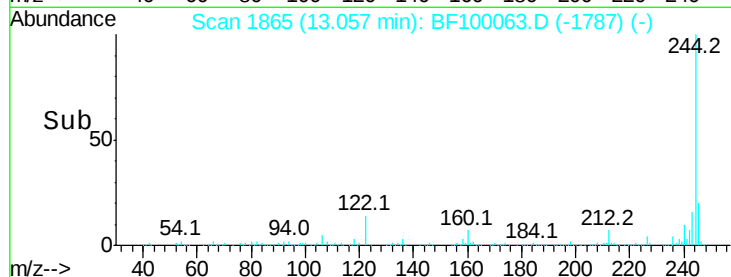
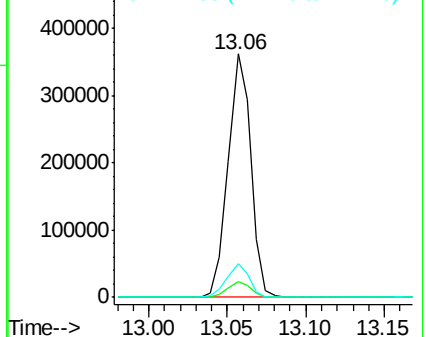
11/2/2017 4:27:41 PM



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 m

RT: 16.39 min Scan# 2431

Delta R.T. 0.92 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

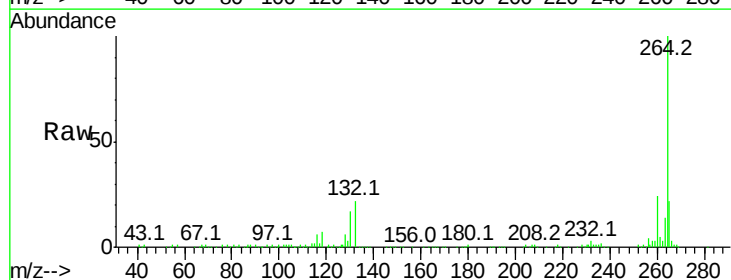
Tgt Ion:264 Resp: 175576

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.0 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

