

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100560.D
 Acq On : 14 Nov 2017 23:11
 Operator : SJ/JU
 Sample : I6441-23
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Manual Integrations
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 11/15/2017 12:30:18 PM

Quant Time: Nov 15 03:17:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123291	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	461475	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	180995	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	304966	20.00	ng	0.00
75) Chrysene-d12	14.04	240	259633	20.00	ng	0.00
86) Perylene-d12	15.52	264	192575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	602231	78.30	ng	0.00
7) Phenol-d6	6.51	99	762435	80.39	ng	0.00
23) Nitrobenzene-d5	7.45	82	486801	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	135981	73.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	779628	65.59	ng	0.00
78) Terphenyl-d14	12.99	244	560866	49.64	ng	0.00
Target Compounds						
10) Phenol	6.52	94	44669	4.486	ng	94
49) Dimethylphthalate	9.63	163	155742	11.270	ng	99
70) Phenanthrene	11.43	178	101345	6.312	ng	99
74) Fluoranthene	12.62	202	244773	14.384	ng	99
77) Pyrene	12.84	202	222511	12.023	ng	97
80) Benzo(a)anthracene	14.03	228	140161	8.965	ng	98
82) Chrysene	14.07	228	120780	7.977	ng	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	47084	3.845	ng	95
87) Benzo(b)fluoranthene	15.09	252	130396m	11.429	ng	
88) Benzo(k)fluoranthene	15.11	252	41253m	3.827	ng	
89) Benzo(a)pyrene	15.46	252	84796	8.384	ng	99
91) Benzo(a,h,i)perylene	17.44	276	48341	5.970	ng	97

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

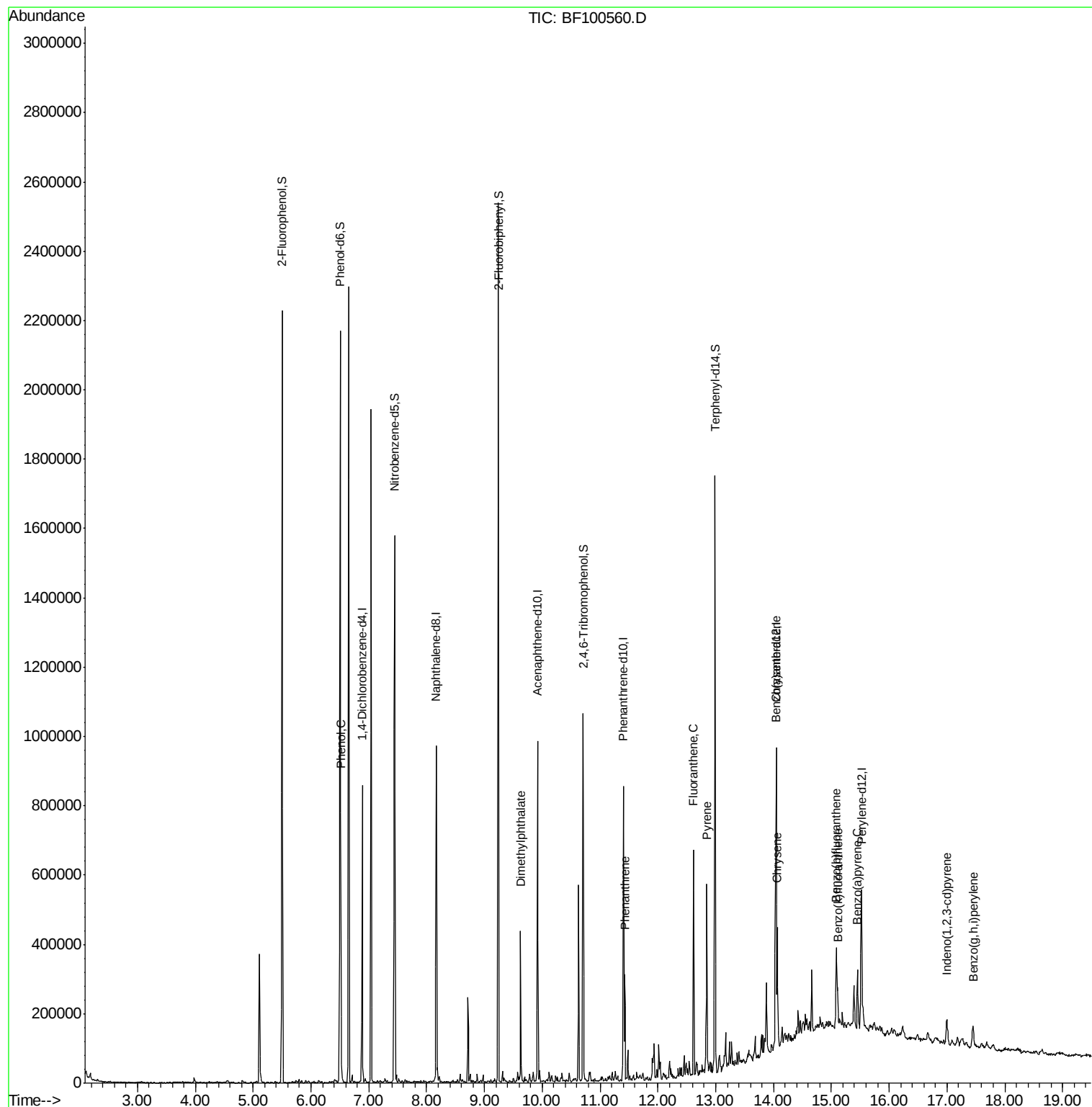
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100560.D
Acq On : 14 Nov 2017 23:11
Operator : SJ/JU
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ALS Vial : 25 Sample Multiplier: 1

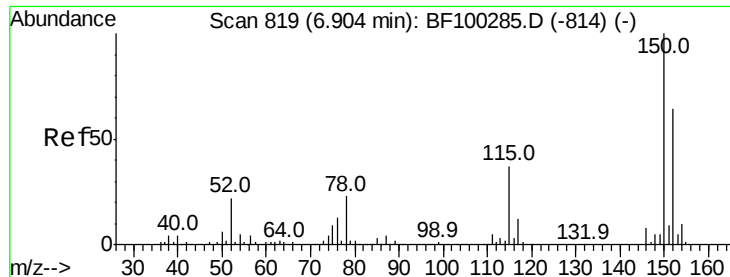
Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Manual Integrations
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Quant Time: Nov 15 03:17:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

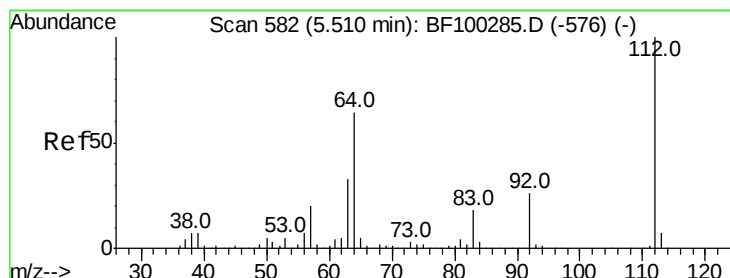
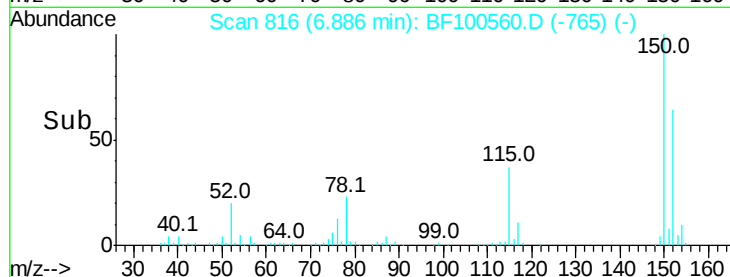
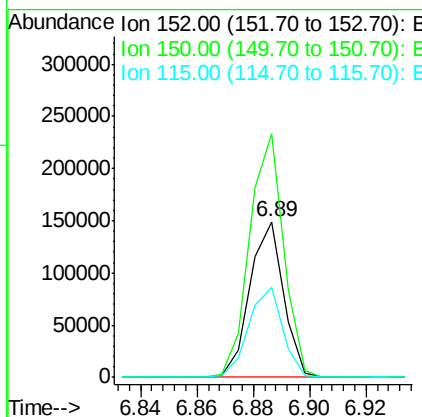
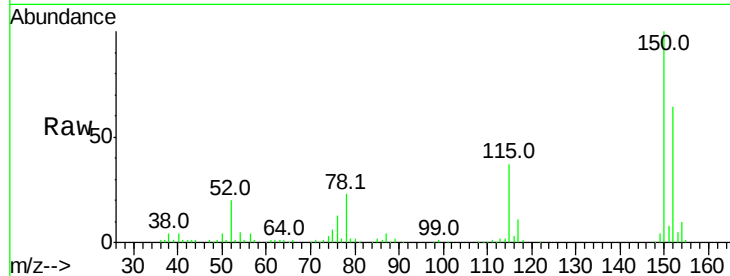
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
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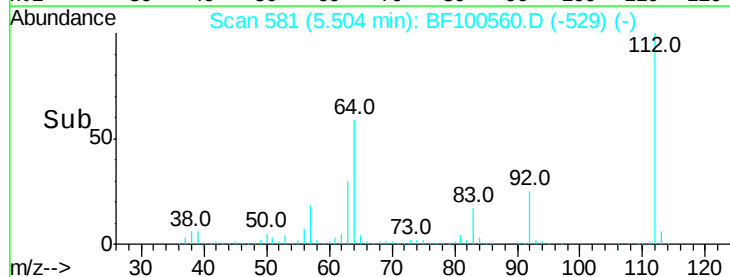
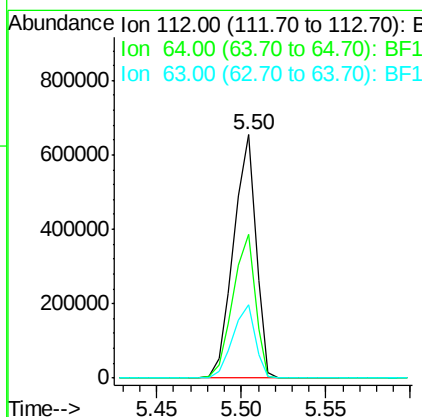
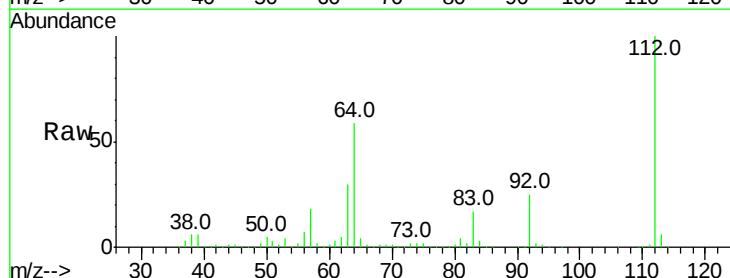
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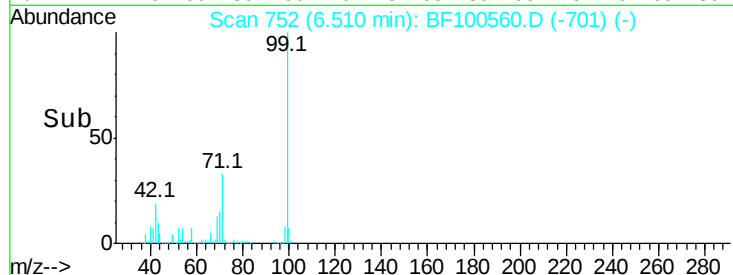
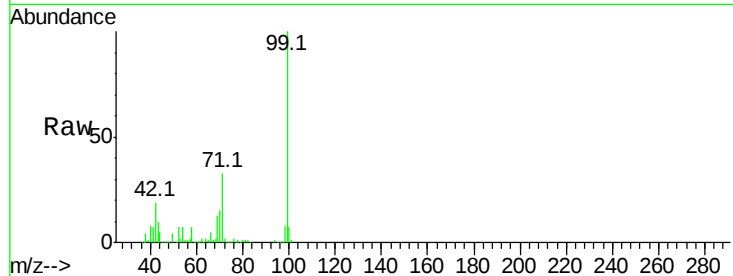


#5

2-Fluorophenol
Concen: 78.300 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 80.388 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100560.D

Acq: 14 Nov 2017 23:11

Tot Ion:	99	Resp:	762435
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	33.1	25.4	38.0

Instrument :

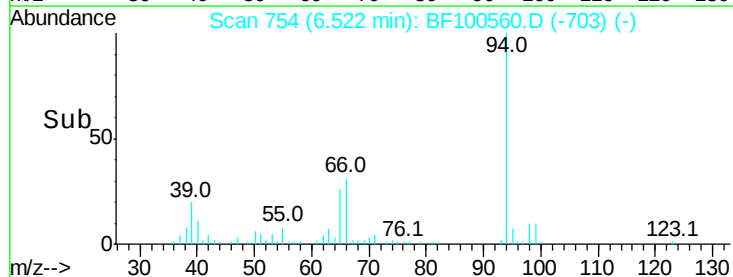
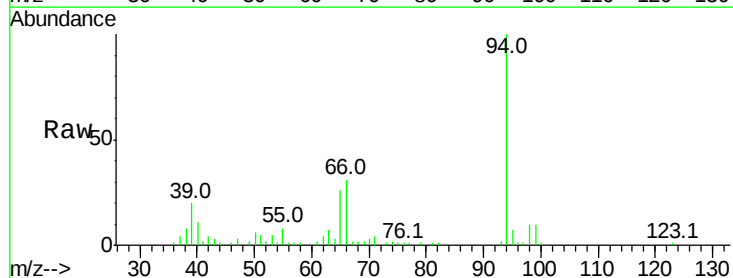
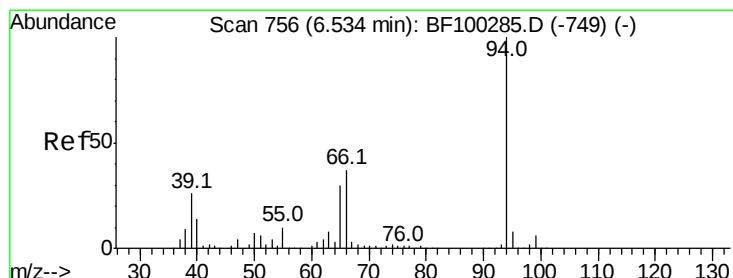
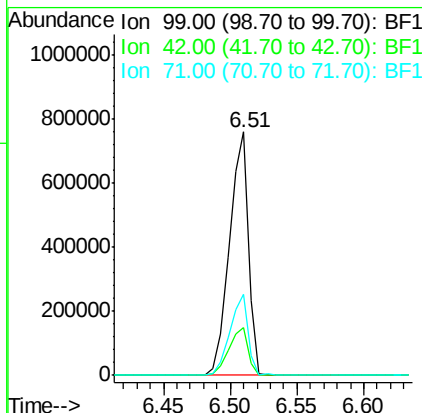
BNA_F

ClientSampled :

TP-7A-7B

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#10

Phenol

Concen: 4.486 ng

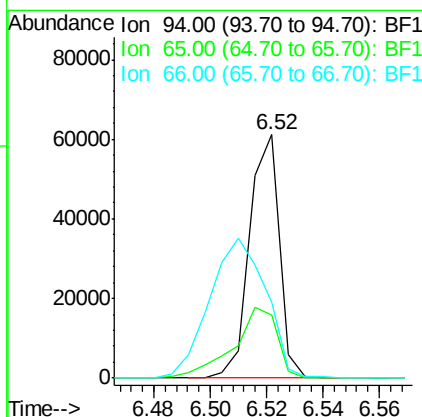
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100560.D

Acq: 14 Nov 2017 23:11

Tgt Ion:	94	Resp:	44669
Ion Ratio	Lower	Upper	
94	100		
65	25.8	7.9	47.9
66	31.3	16.2	56.2





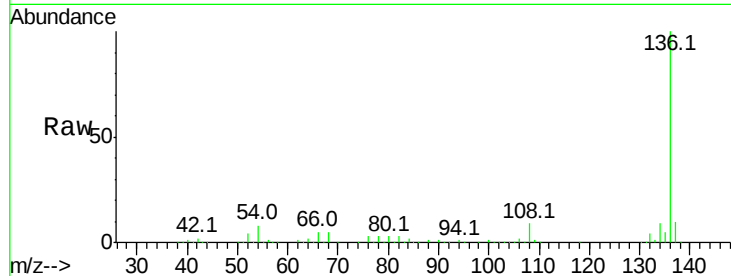
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

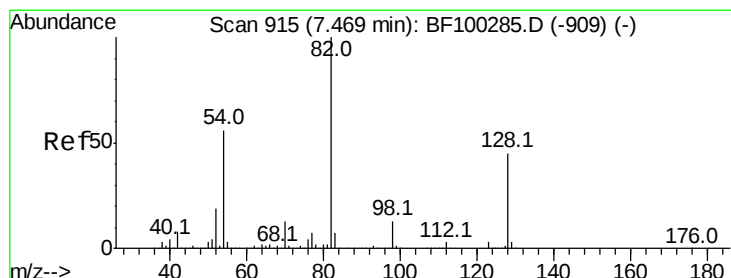
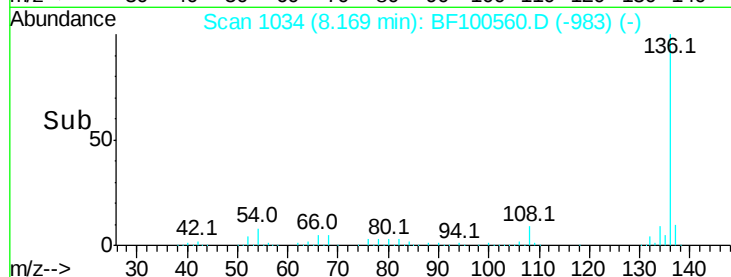
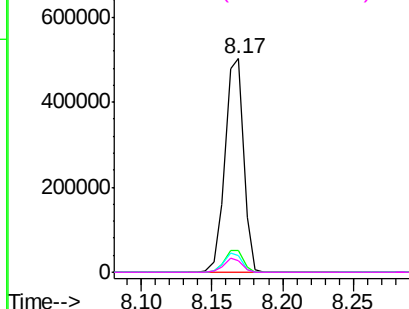
Tot Ion	Ratio	Resp	Lower	Upper
136	100	461475		
137	10.0	8.9	13.3	
54	7.7	6.6	9.8	
68	5.5	5.0	7.4	

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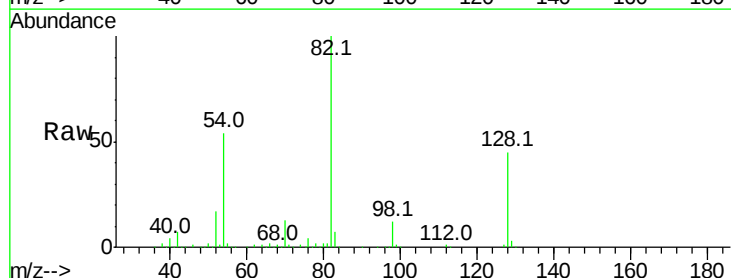


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

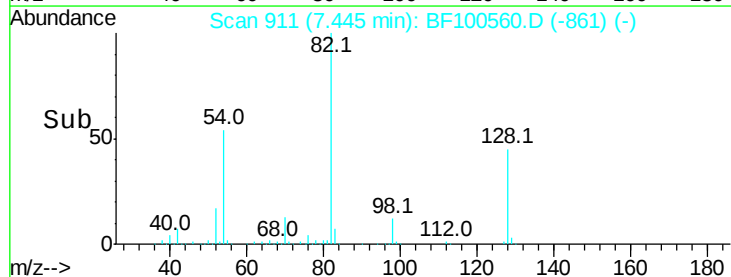
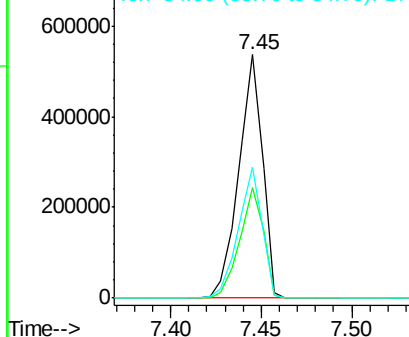


#23
Nitrobenzene-d5
Concen: 69.742 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	486801		
128	45.4	36.1	54.1	
54	53.9	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





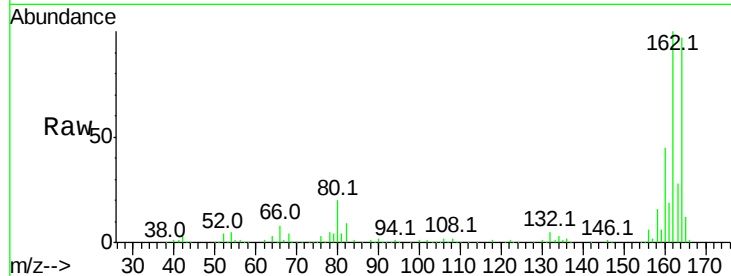
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampled :
TP-7A-7B

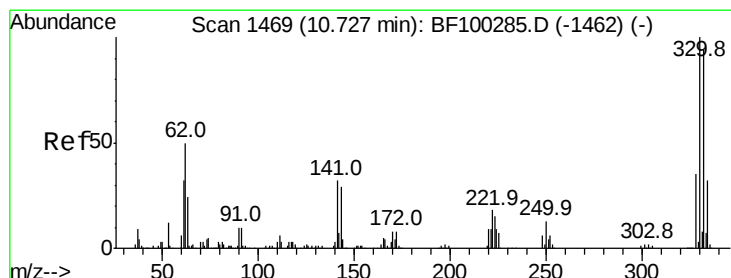
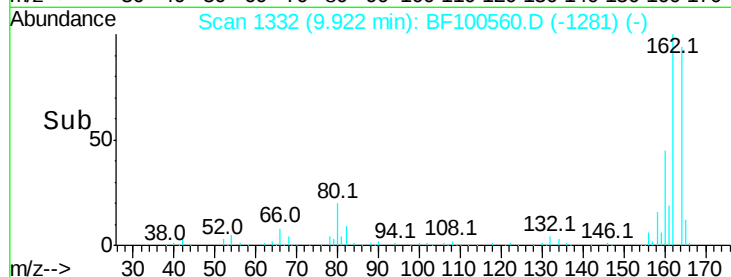
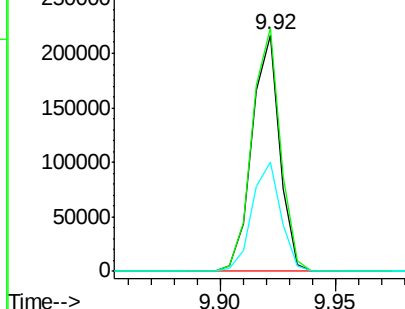
Tot Ion	Ratio	Resp	Lower	Upper
164	100	180995		
162	103.2	86.1	129.1	
160	46.0	38.3	57.5	

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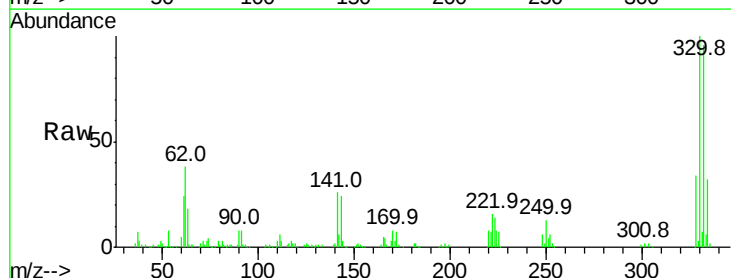


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

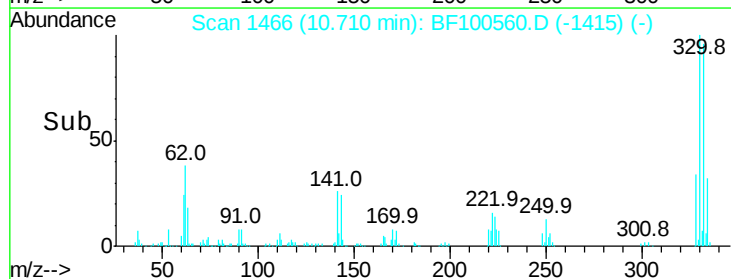
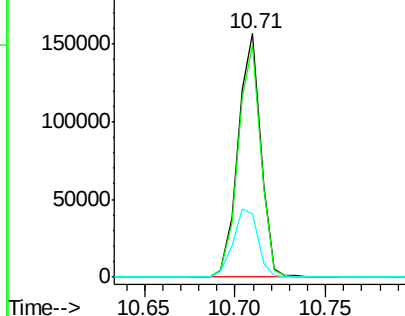


#41
2,4,6-Tribromophenol
Concen: 73.729 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135981		
332	95.5	77.0	115.6	
141	31.1	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





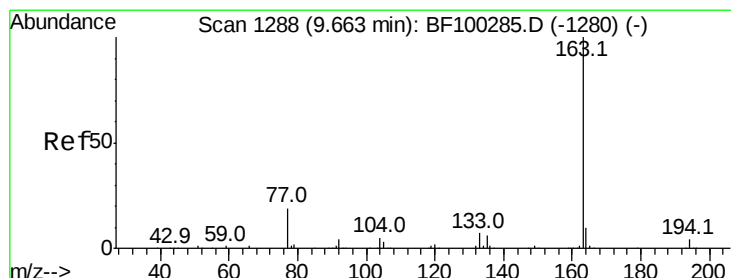
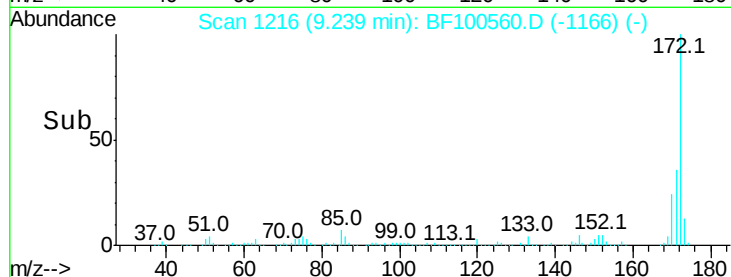
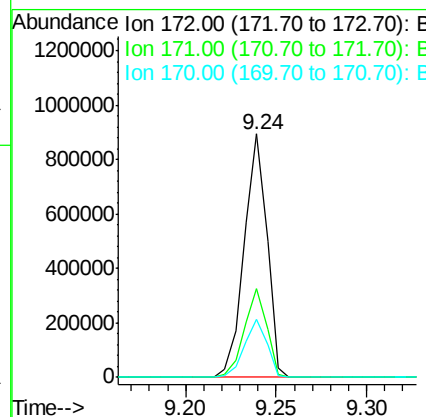
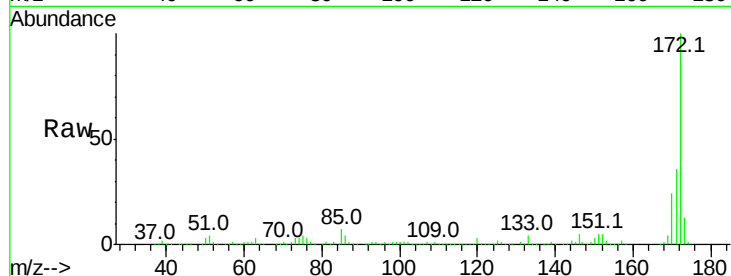
#44
2-Fluorobiphenyl
Concen: 65.590 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	23.9	19.6	29.4	

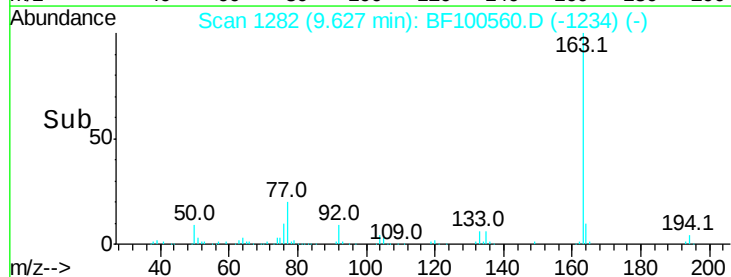
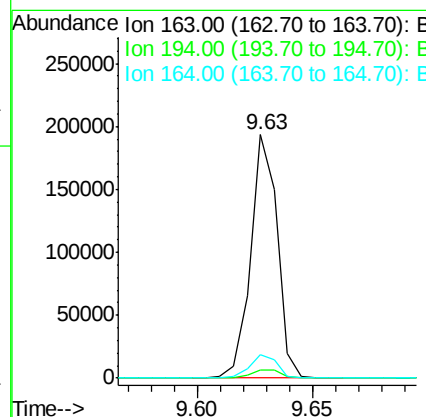
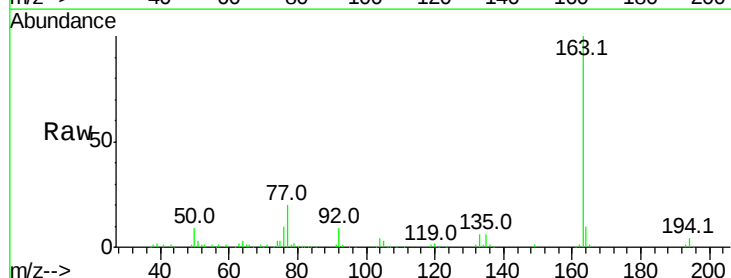
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#49
Dimethylphthalate
Concen: 11.270 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	9.8	8.2	12.2	





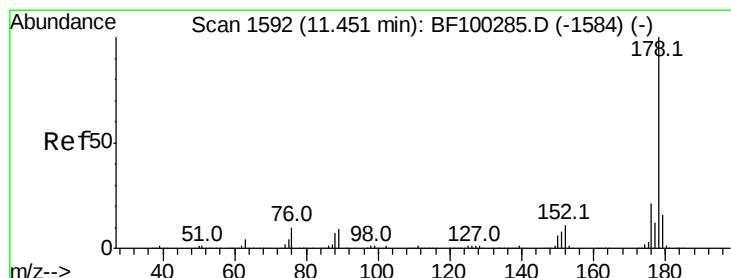
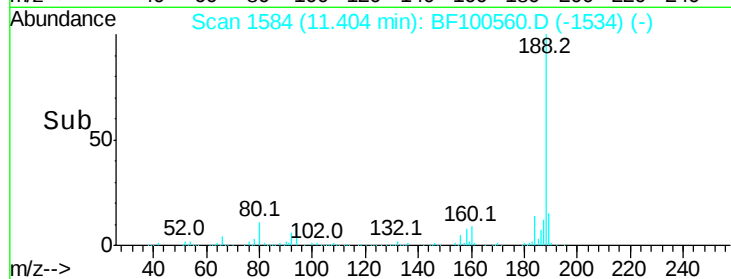
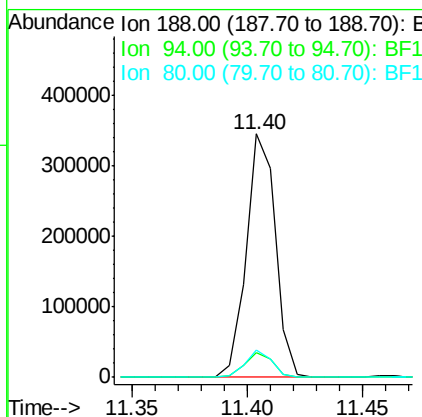
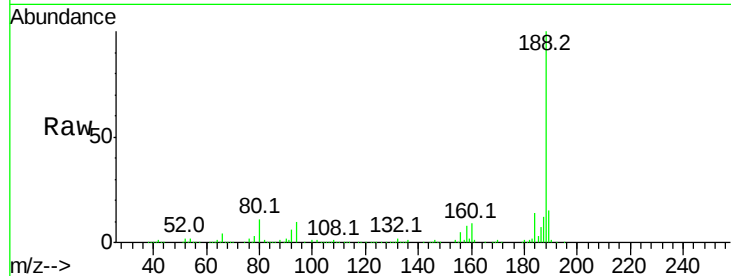
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8

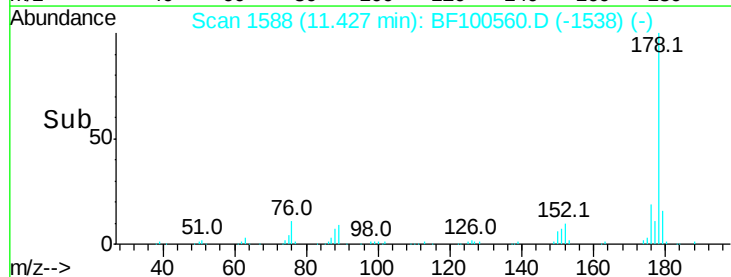
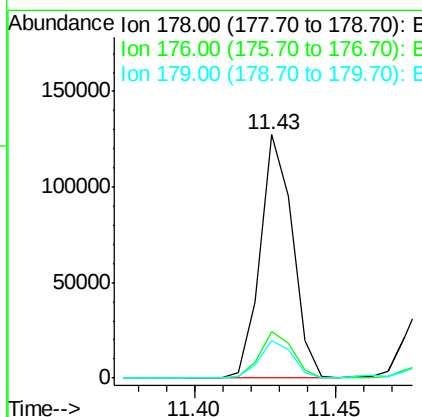
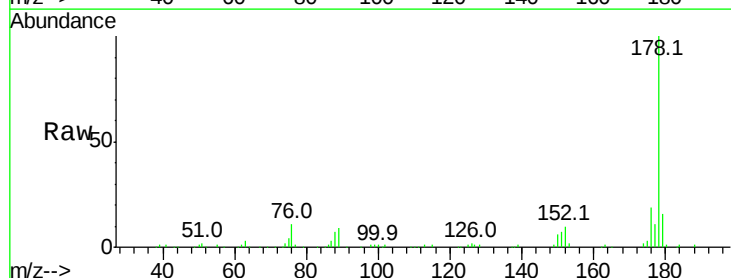
Manual Integrations
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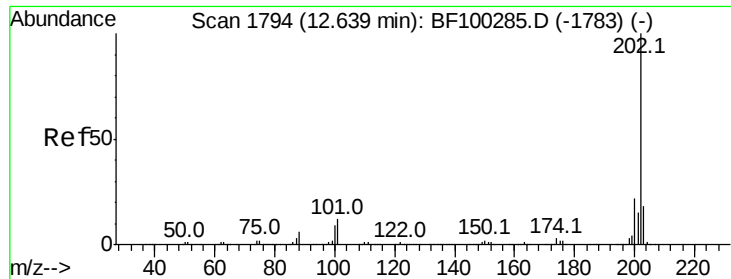
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#70
Phenanthrene
Concen: 6.312 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6





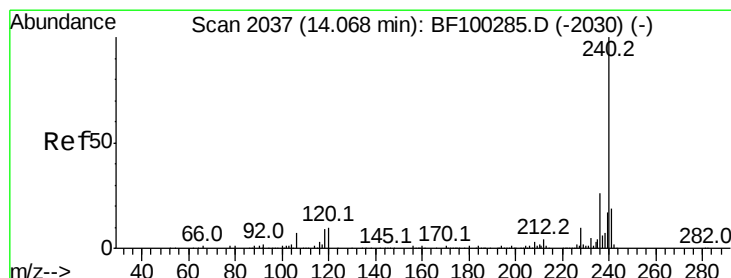
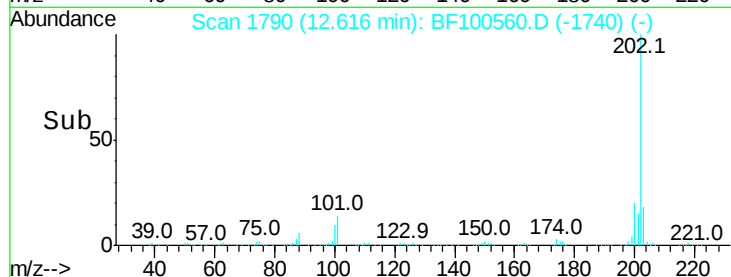
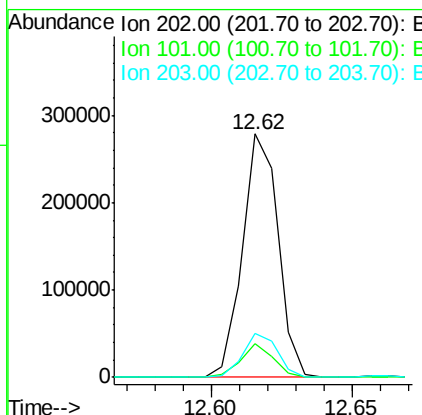
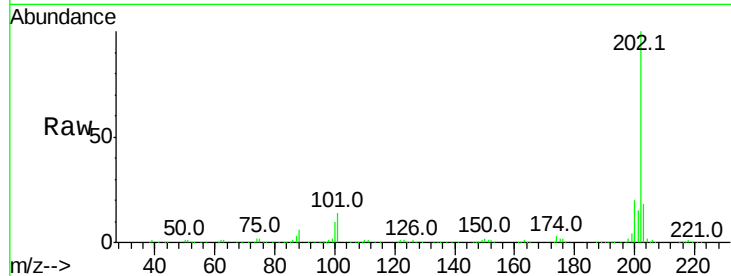
#74
 Fluoranthene
 Concen: 14.384 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF100560.D
 Acq: 14 Nov 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A-7B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	34.1
203	17.9	0.0	38.1

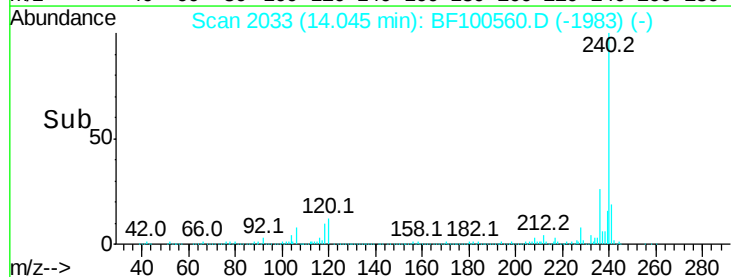
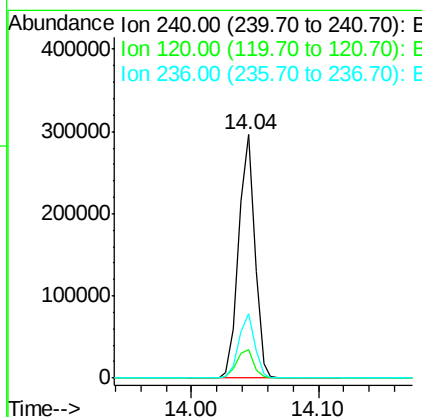
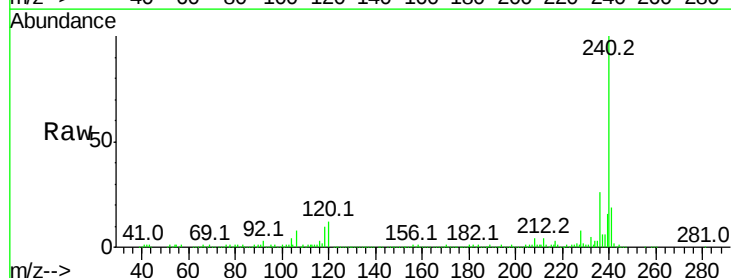
Manual Integrations
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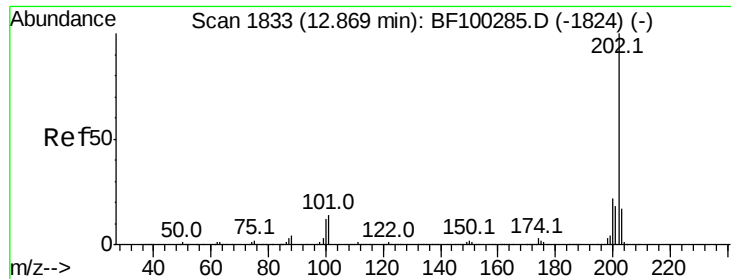
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 11/15/2017 12:30:18 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100560.D
 Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.2	20.7	31.1





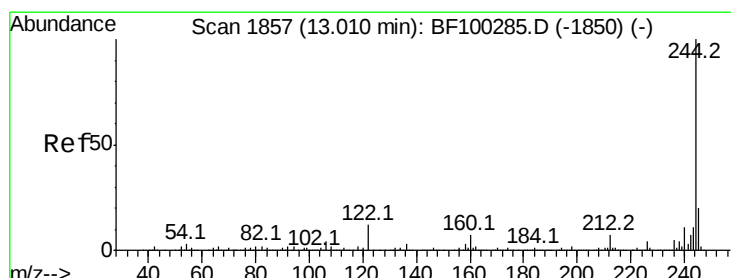
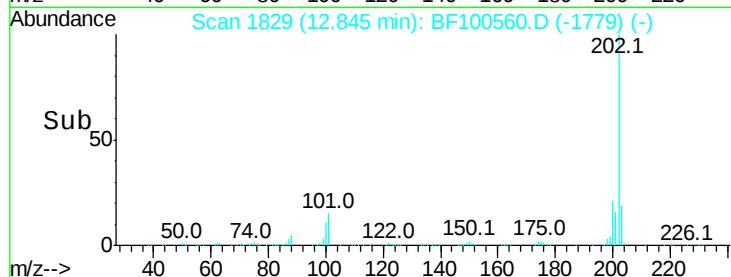
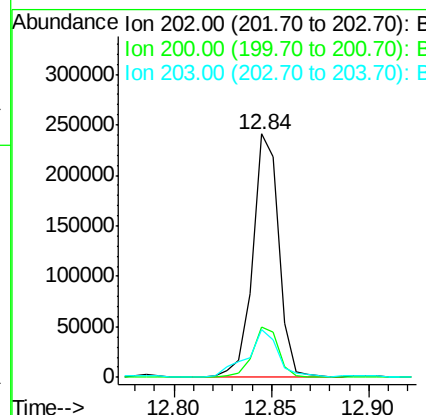
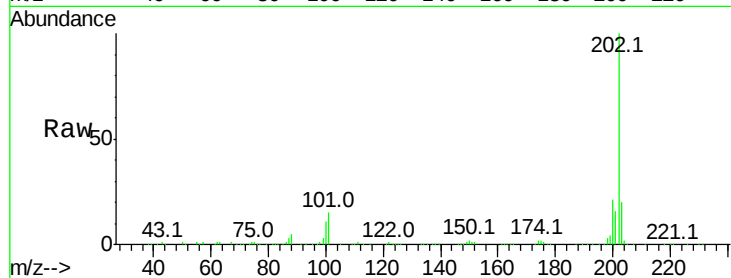
#77
Pvrene
Concen: 12.023 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.5	14.3	21.5

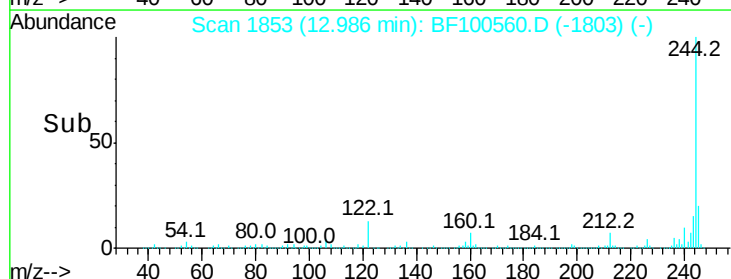
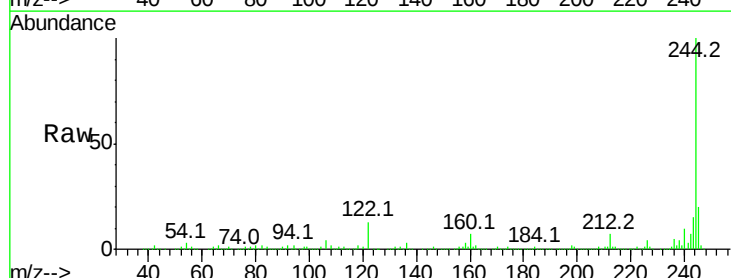
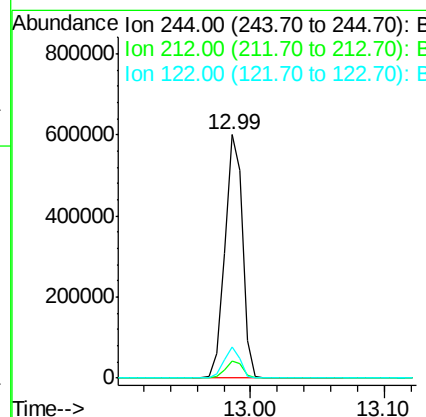
Manual Integrations
APPROVED

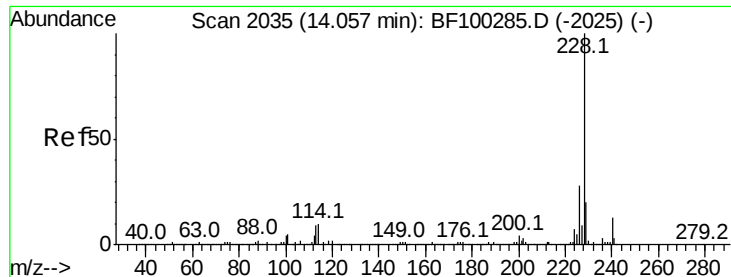
SOHIL
11/15/2017 12:30:18 PM



#78
Terphenyl-d14
Concen: 49.636 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4





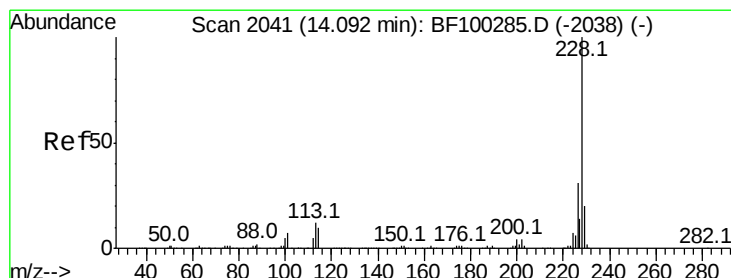
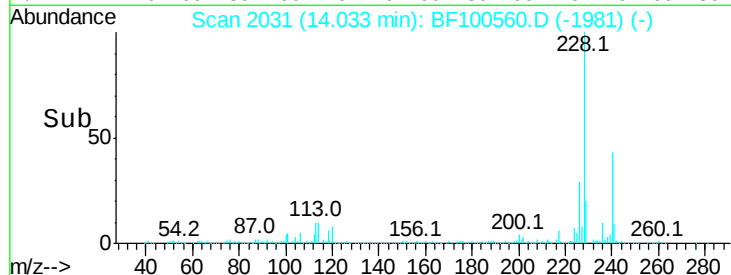
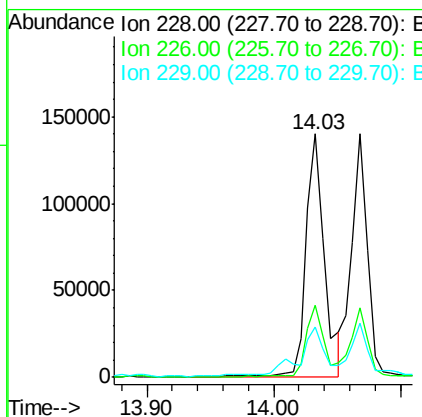
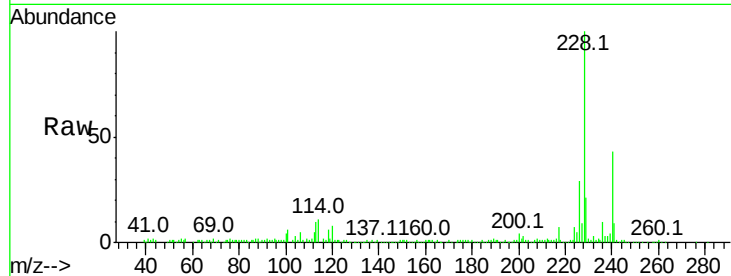
#80
Benzo(a)anthracene
Concen: 8.965 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.9	15.8	23.6

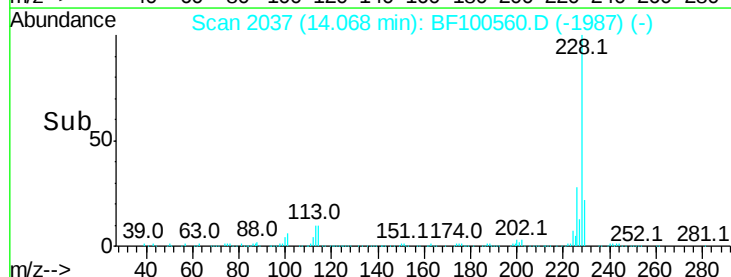
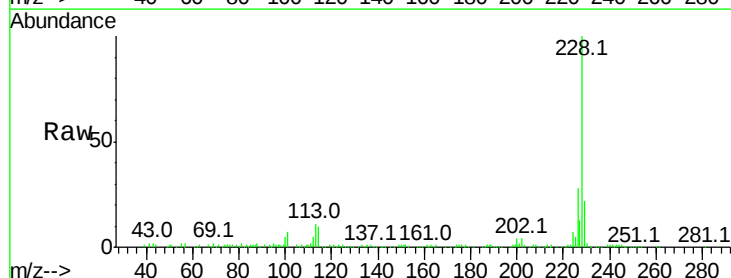
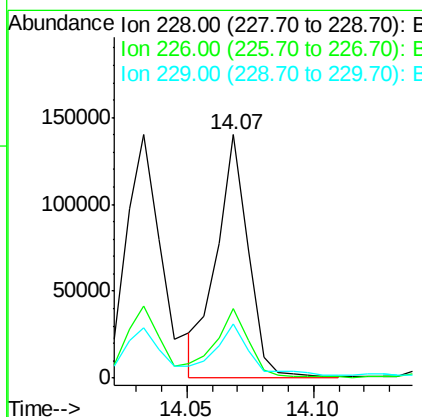
Manual Integrations
APPROVED

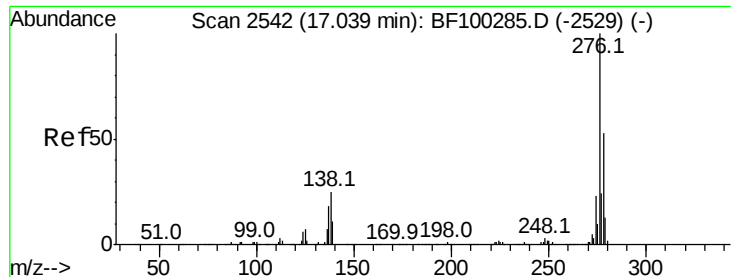
SOHIL
11/15/2017 12:30:18 PM



#82
Chrysene
Concen: 7.977 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	22.2	16.2	24.4





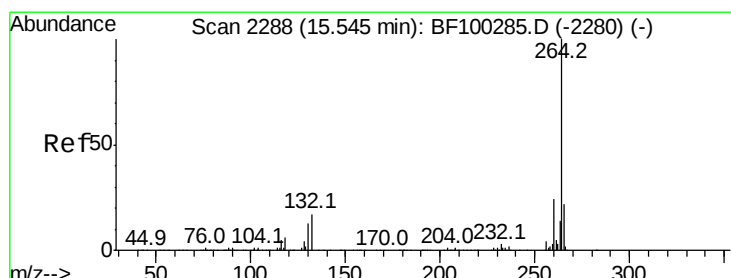
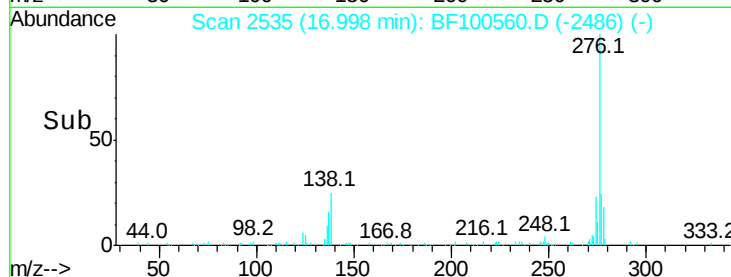
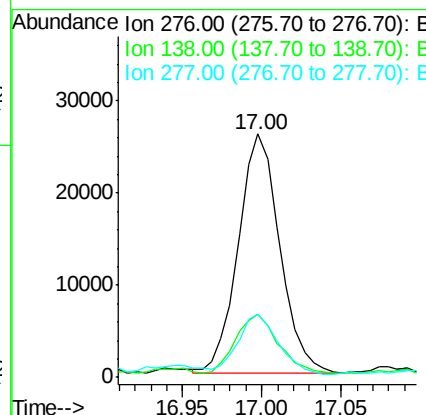
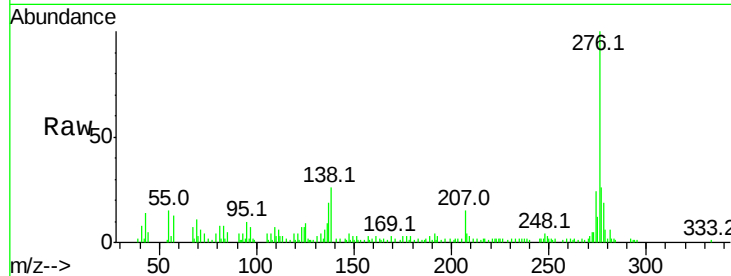
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.845 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	24.5	20.1	30.1

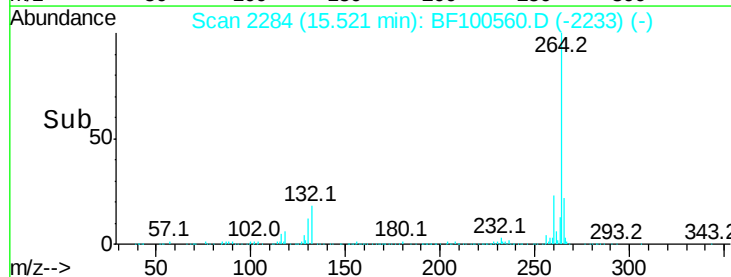
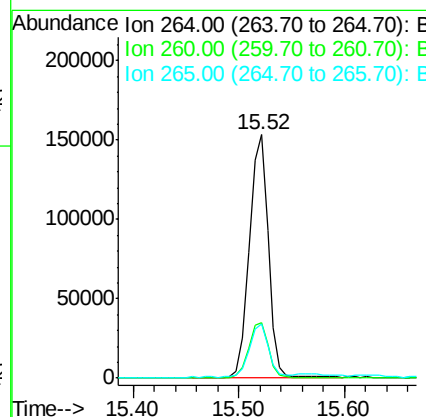
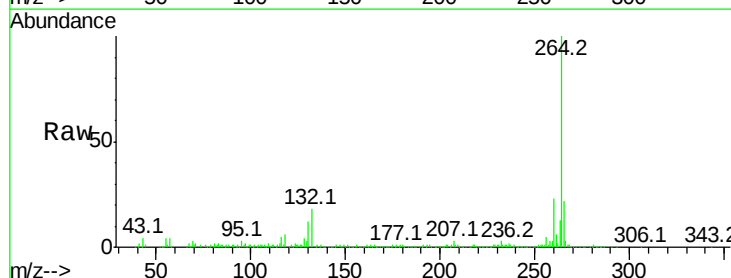
Manual Integrations
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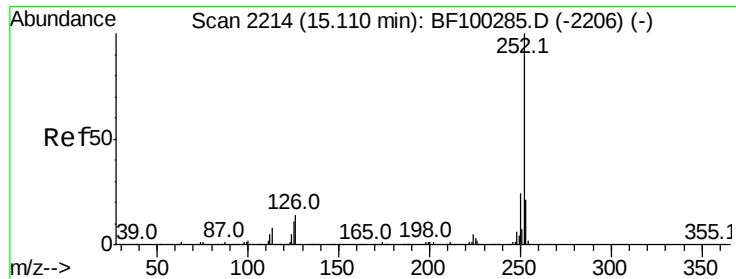
SOHIL
11/15/2017 12:30:18 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	17.5	26.3





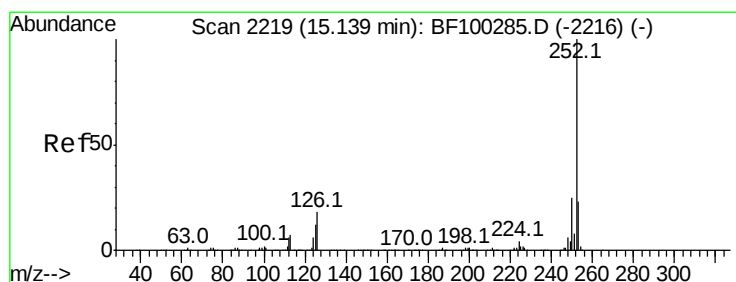
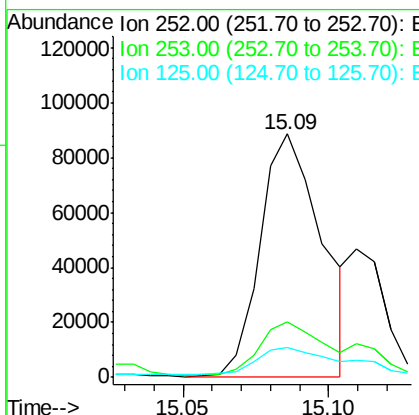
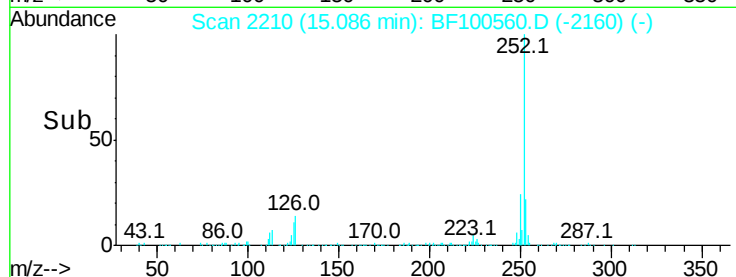
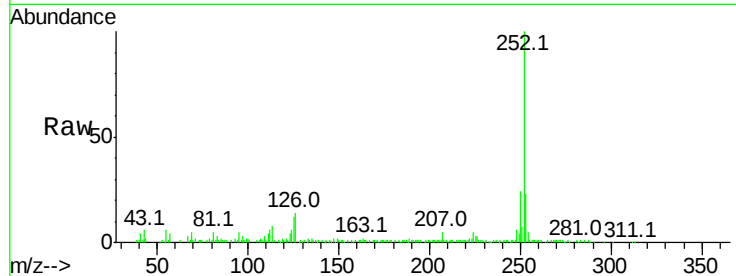
#87
Benzo(b)fluoranthene
Concen: 11.429 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampled :
TP-7A-7B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.4	9.0	13.6

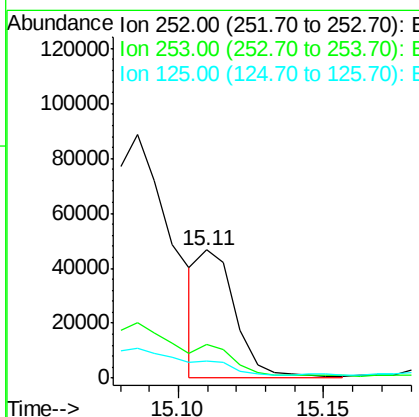
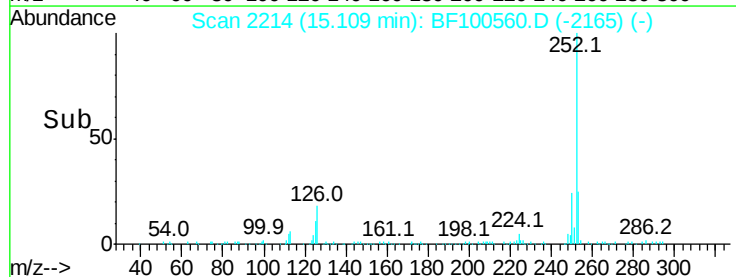
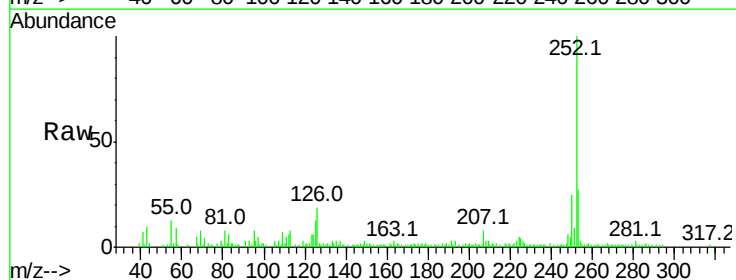
Manual Integrations
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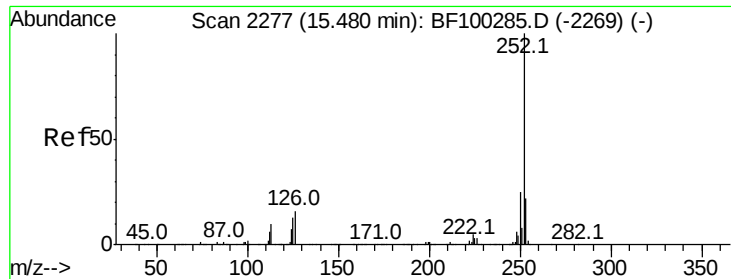
SOHIL
11/15/2017 12:30:18 PM



#88
Benzo(k)fluoranthene
Concen: 3.827 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	13.1	10.2	15.2





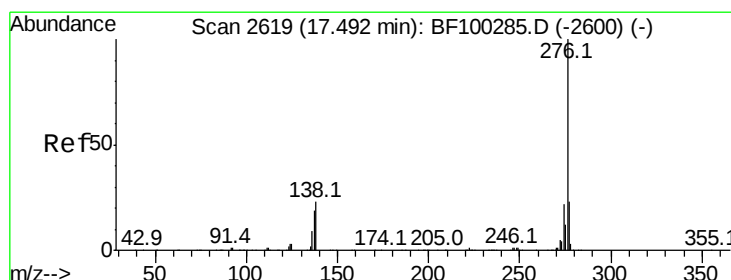
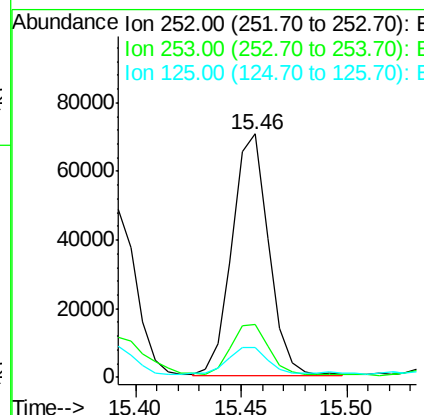
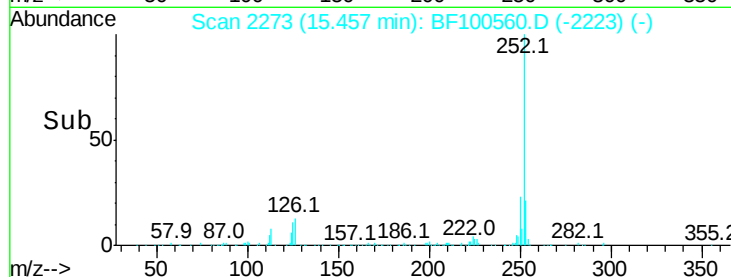
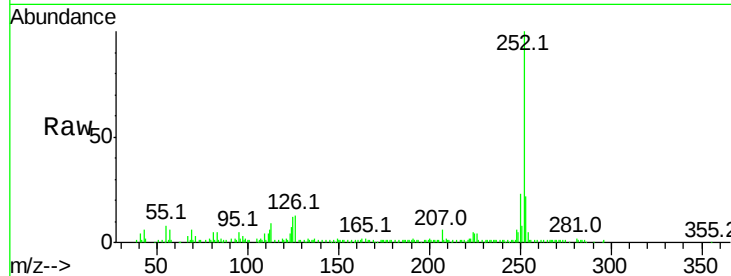
#89
Benzo(a)pyrene
Concen: 8.384 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.4	9.8	14.6

Manual Integrations
APPROVED

SOHIL
11/15/2017 12:30:18 PM



#91
Benzo(g,h,i)perylene
Concen: 5.970 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF100560.D
Acq: 14 Nov 2017 23:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	28.6	21.8	32.8

