

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103083.D
 Acq On : 19 Feb 2018 15:38
 Operator : SJ/JU
 Sample : J1604-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
 APPROVED

Sohil
 2/20/2018 10:20:30 AM

Quant Time: Feb 19 17:40:35 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166457	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	699751	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	295287	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	479203	20.00	ng	0.00
75) Chrysene-d12	14.05	240	304145	20.00	ng	0.00
86) Perylene-d12	15.54	264	320818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1073121	97.91	ng	0.01
7) Phenol-d6	6.51	99	1290075	97.75	ng	0.00
23) Nitrobenzene-d5	7.44	82	833119	82.59	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	249202	104.85	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1247100	70.08	ng	0.00
78) Terphenyl-d14	12.99	244	914074	71.16	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	82868	3.599	ng	99
70) Phenanthrene	11.43	178	234558	8.789	ng	99
74) Fluoranthene	12.62	202	254375	9.473	ng	97
77) Pyrene	12.85	202	203119	8.517	ng	97
80) Benzo(a)anthracene	14.04	228	68906	3.602	ng	98
82) Chrysene	14.07	228	78266	4.059	ng	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	38765	2.424	ng	95
87) Benzo(b)fluoranthene	15.10	252	98429m	4.732	ng	
89) Benzo(a)pyrene	15.47	252	67335	3.596	ng	# 95
91) Benzo(g,h,i)perylene	17.50	276	35656	2.397	ng	94

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

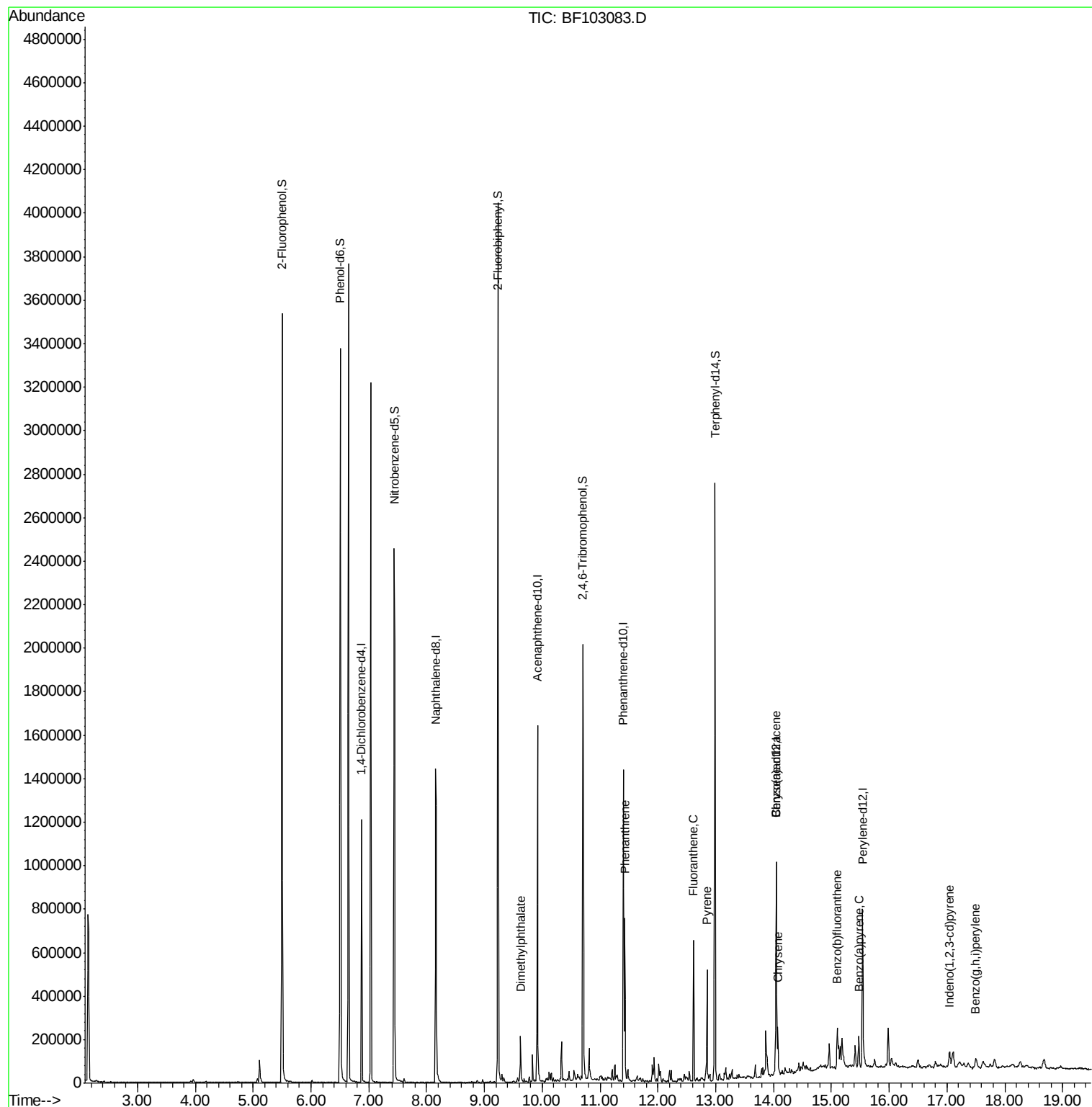
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103083.D
Acq On : 19 Feb 2018 15:38
Operator : SJ/JU
Sample : J1604-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Manual Integrations
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2/20/2018 10:20:30 AM

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#1

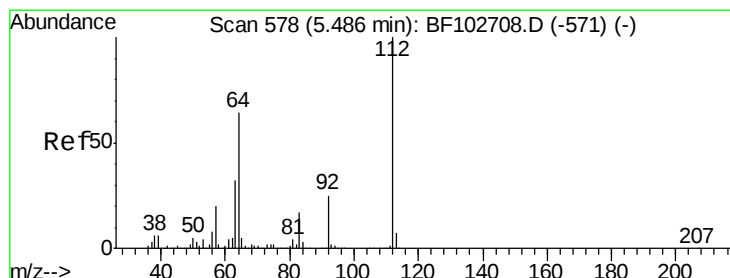
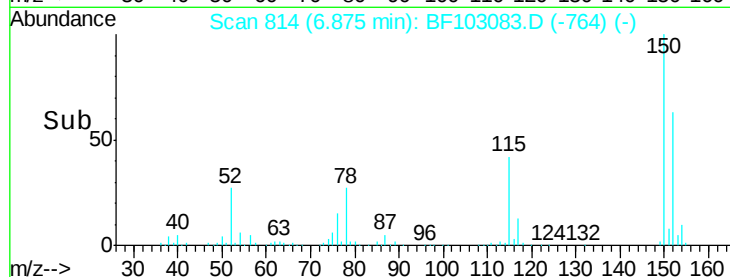
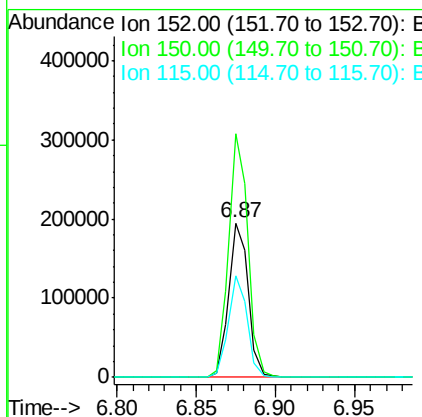
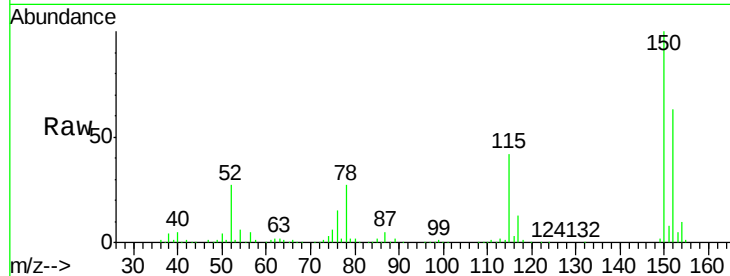
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	166457		
150	158.1	124.6	186.8	
115	66.3	50.1	75.1	

Manual Integrations
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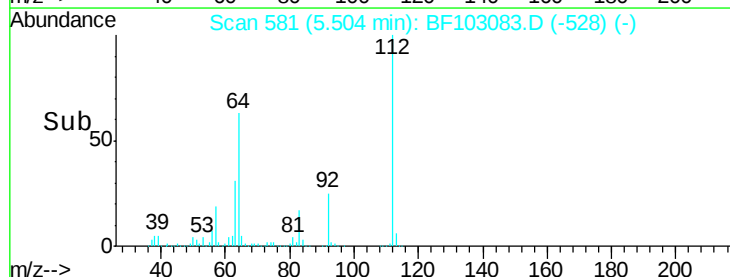
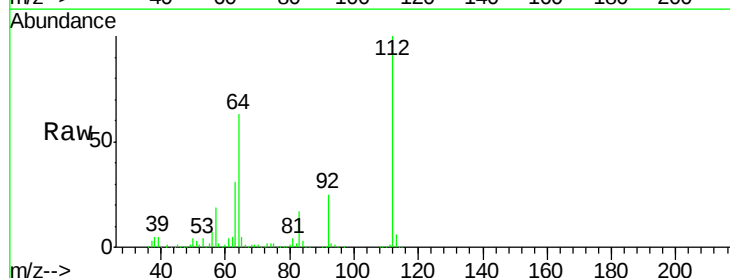
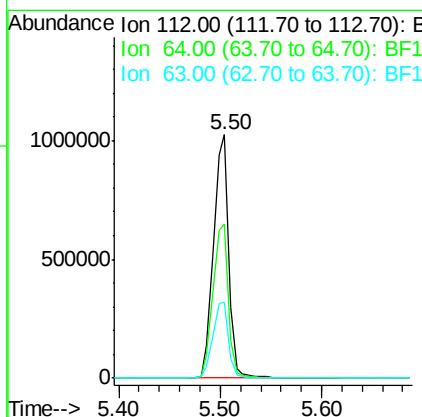
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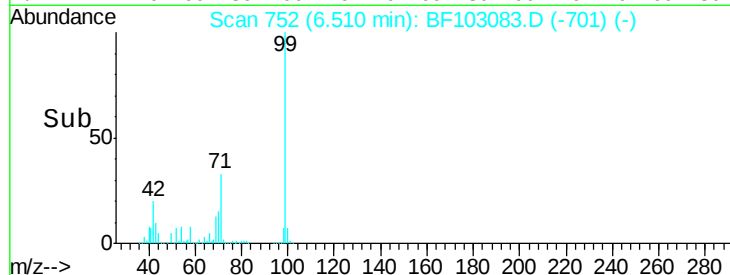
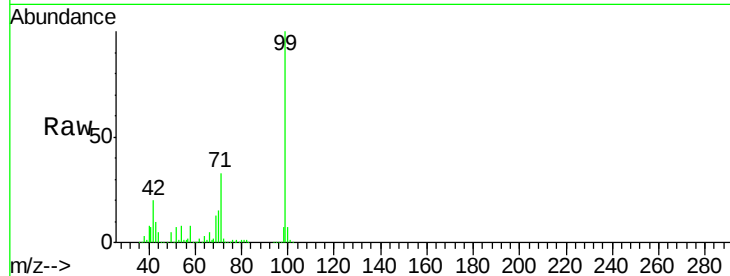


#5

2-Fluorophenol
Concen: 97.906 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1073121		
64	63.1	47.9	71.9	
63	31.1	23.7	35.5	





#7

Phenol-d6

Concen: 97.752 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103083.D

Acq: 19 Feb 2018 15:38

Tgt Ion:	99	Resp:	1290075
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.4	25.4	38.0

Instrument :

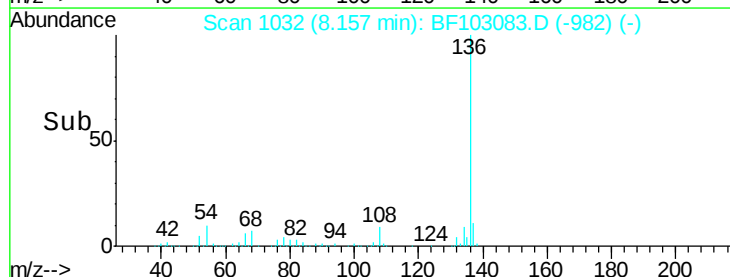
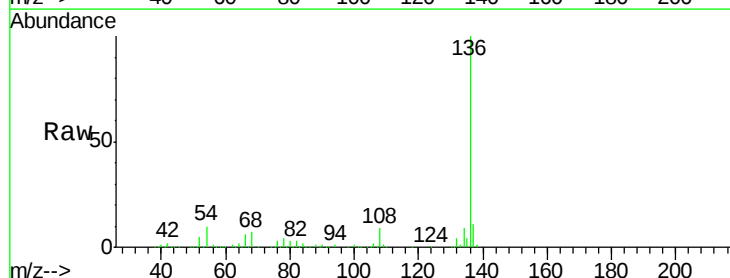
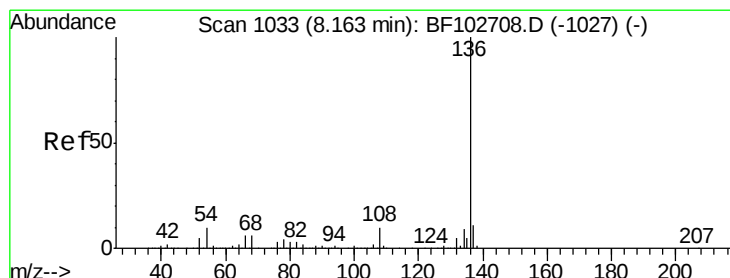
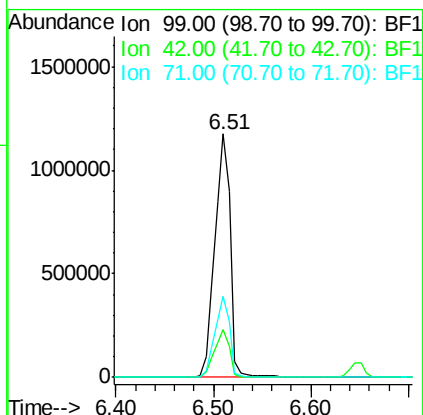
BNA_F

ClientSampleId :

TP-4

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

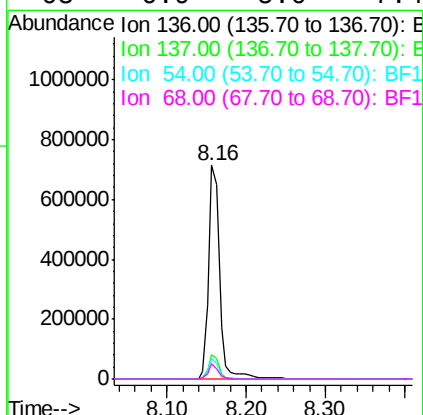
RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103083.D

Acq: 19 Feb 2018 15:38

Tgt Ion:	136	Resp:	699751
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4





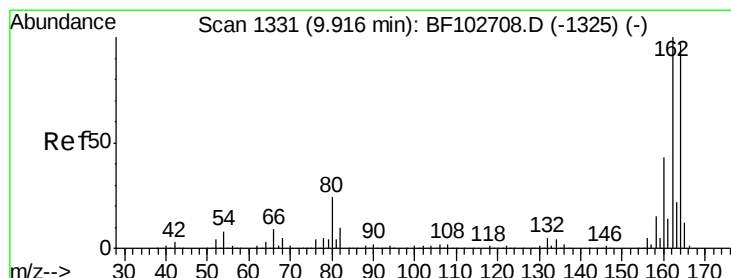
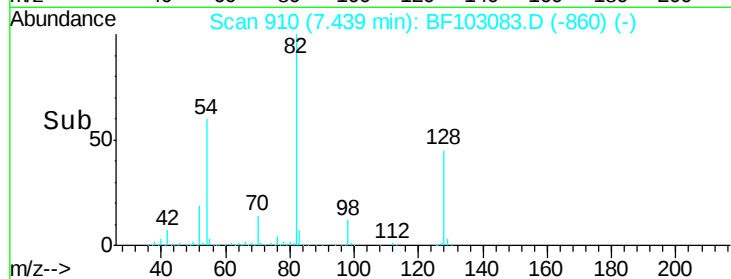
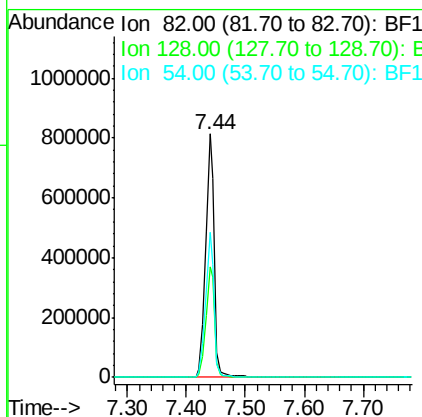
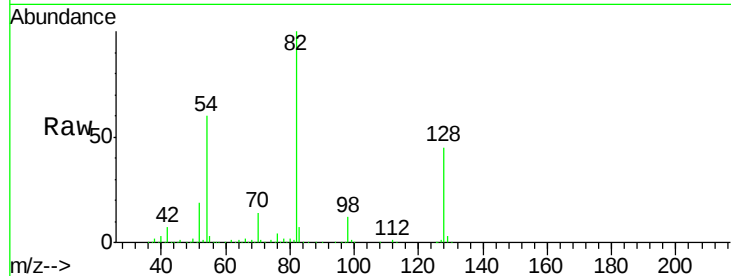
#23
Nitrobenzene-d5
Concen: 82.592 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	59.6	41.4	62.2

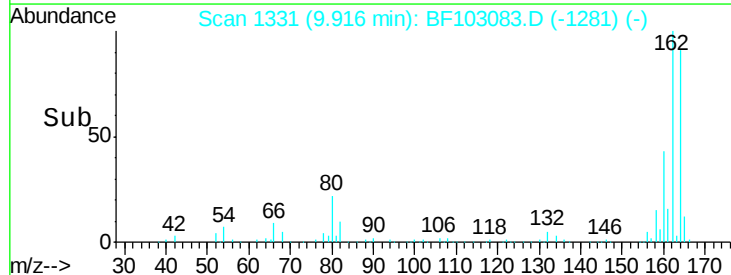
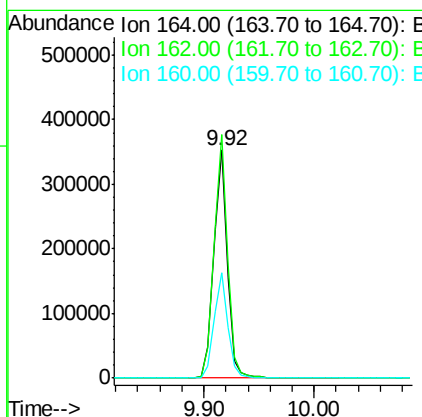
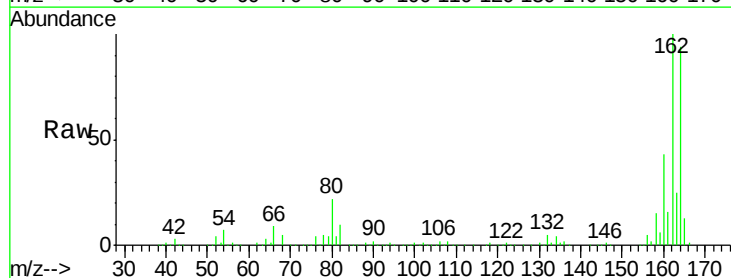
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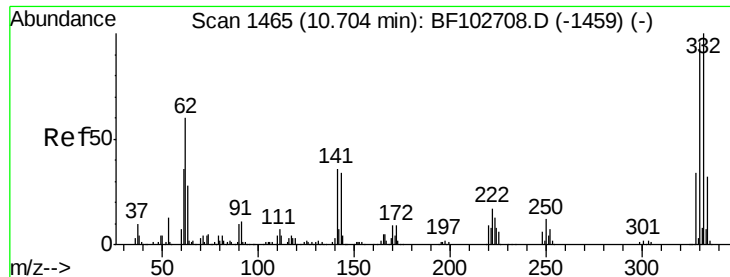
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	46.3	38.3	57.5





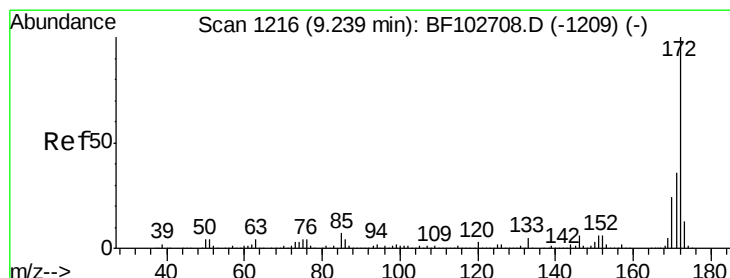
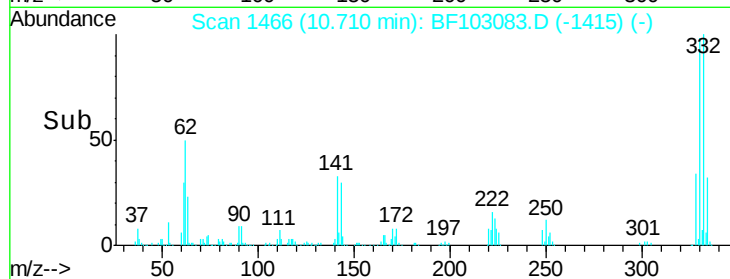
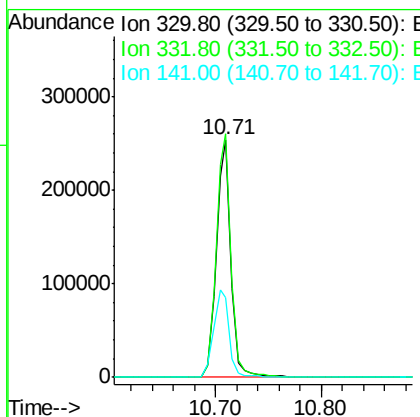
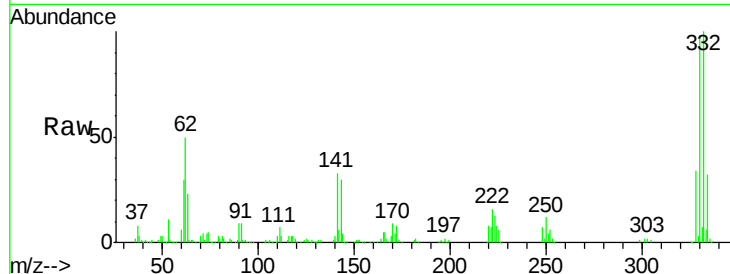
#41
 2,4,6-Tribromophenol
 Concen: 104.851 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103083.D
 Acq: 19 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	249202		
332	104.0	77.0	115.6	
141	39.4	29.9	44.9	

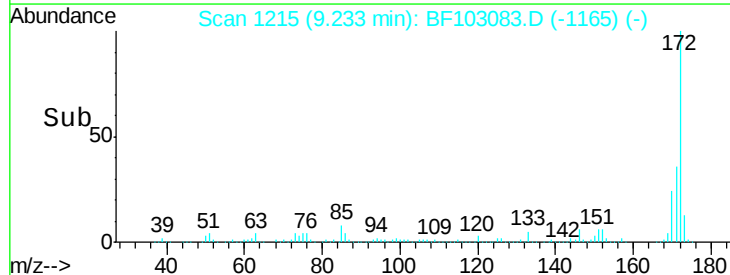
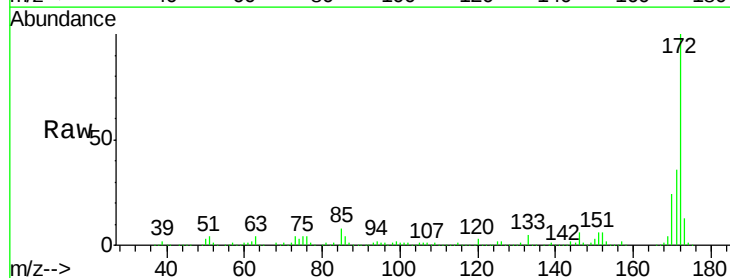
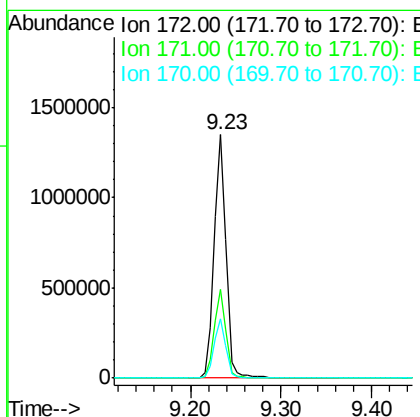
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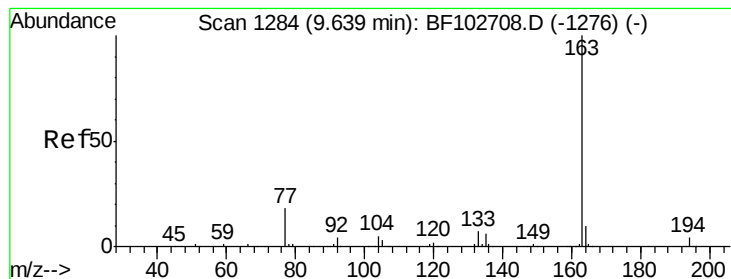
Sohil
 2/20/2018 10:20:30 AM



#44
 2-Fluorobiphenyl
 Concen: 70.080 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103083.D
 Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1247100		
171	36.3	29.7	44.5	
170	24.4	19.6	29.4	





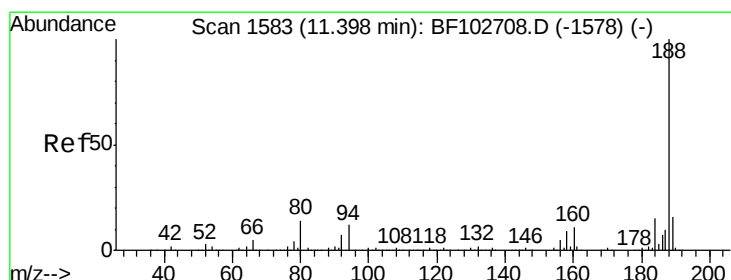
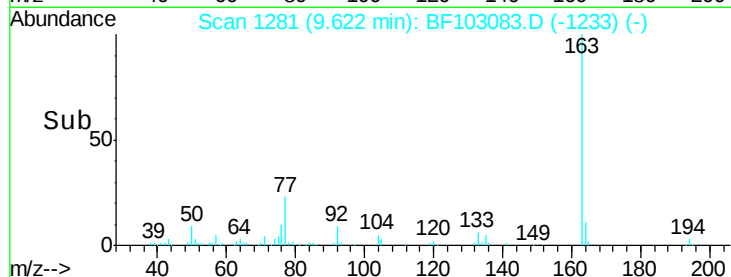
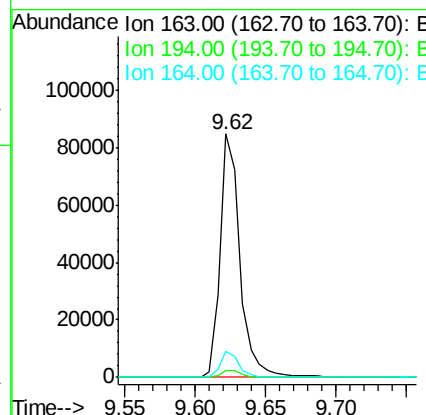
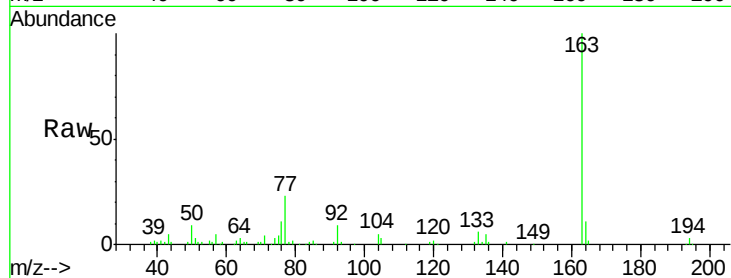
#49
Dimethylphthalate
Concen: 3.599 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.5	8.2	12.2

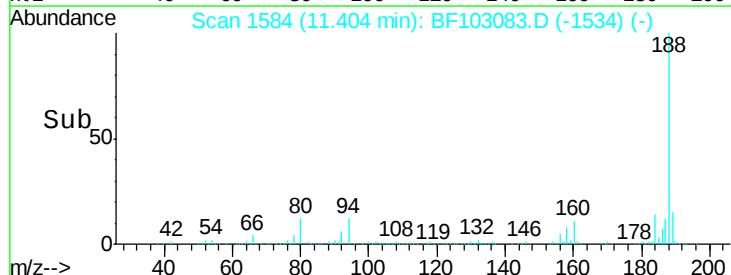
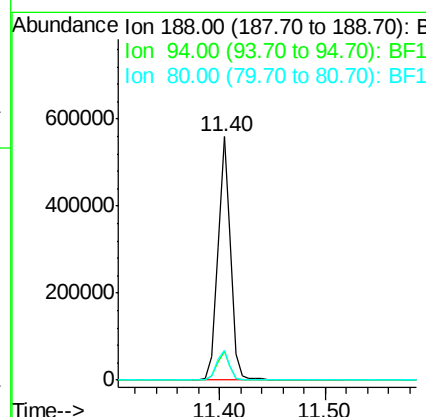
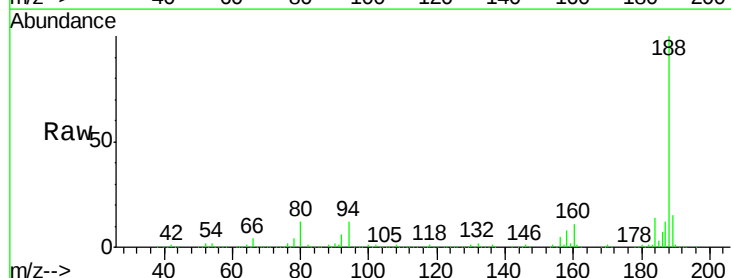
Manual Integrations
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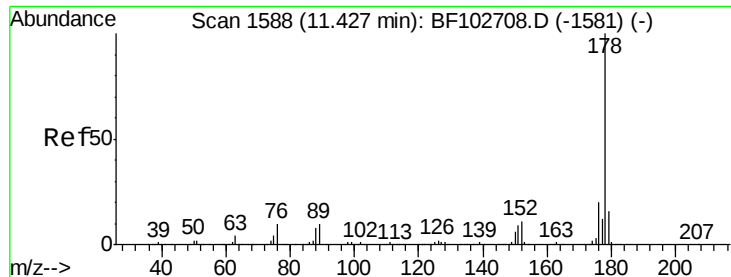
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.5	9.2	13.8





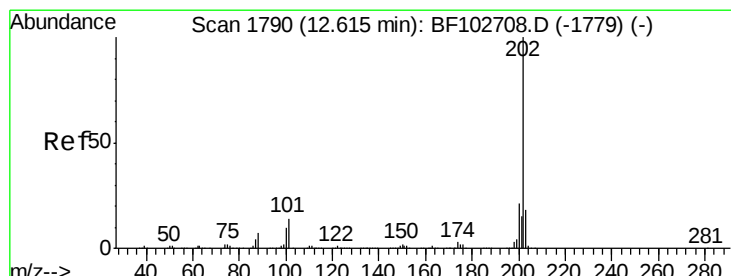
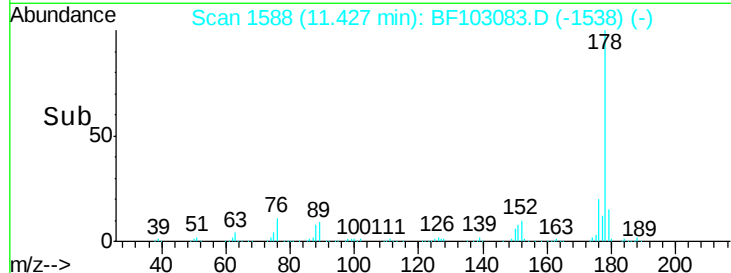
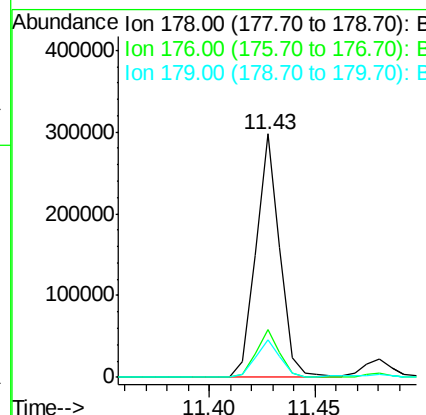
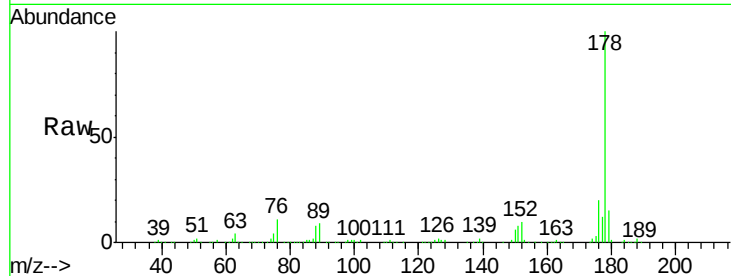
#70
Phenanthrene
Concen: 8.789 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	13.0	19.6

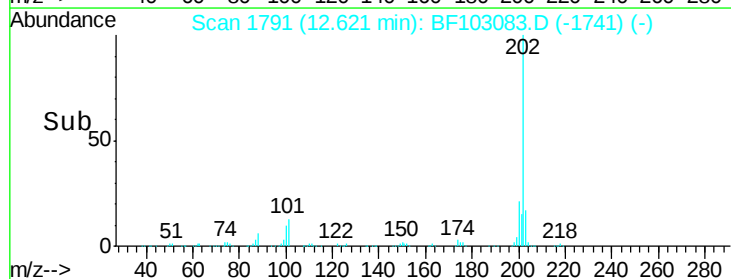
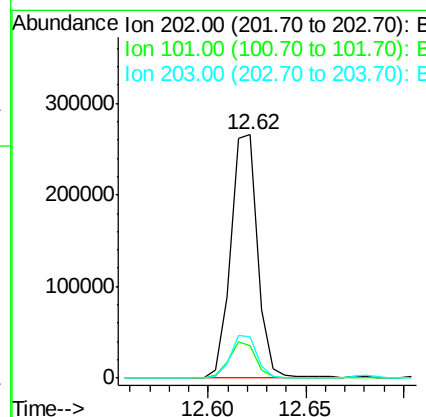
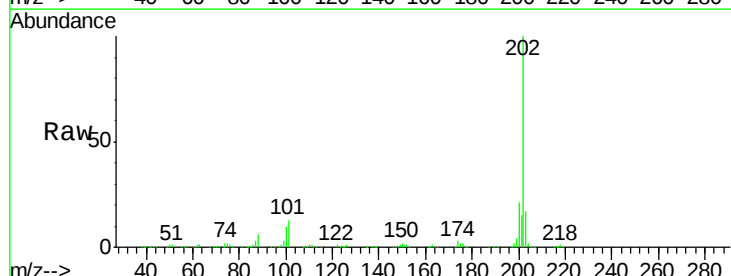
Manual Integrations
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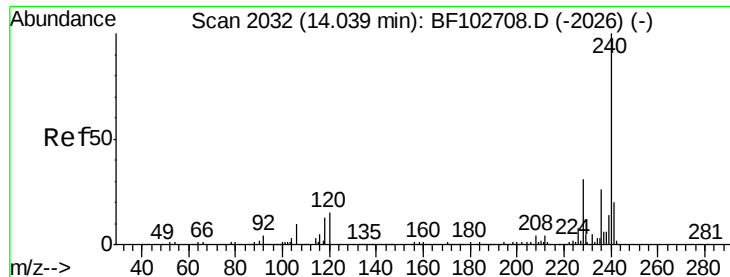
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#74
Fluoranthene
Concen: 9.473 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103083.D

Acq: 19 Feb 2018 15:38

Instrument :

BNA_F

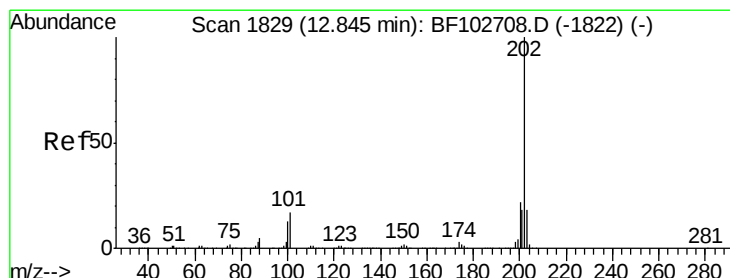
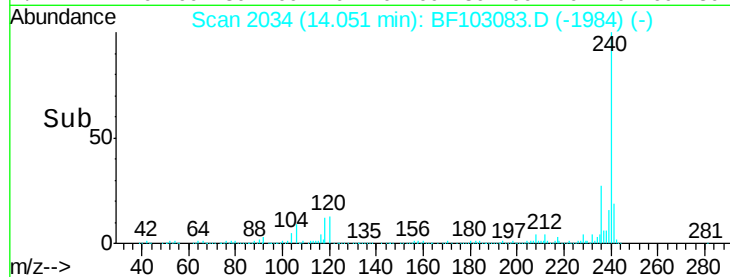
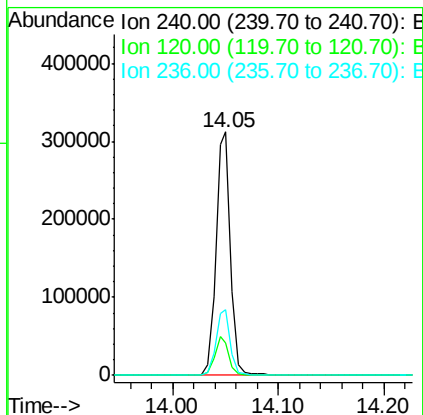
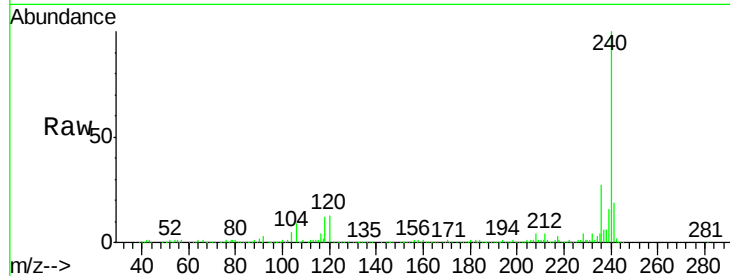
ClientSampled :

TP-4

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	304145		
120	13.2	9.5	14.3	
236	27.0	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 8.517 ng

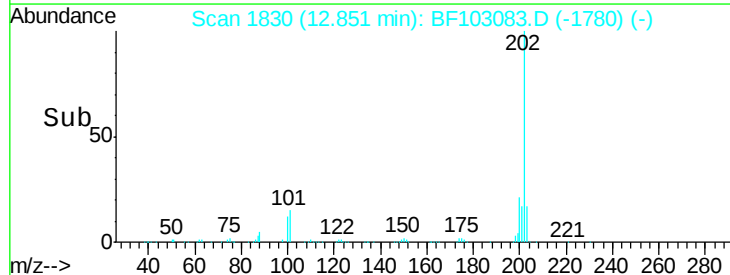
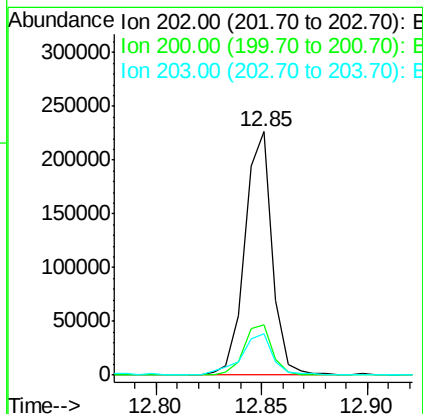
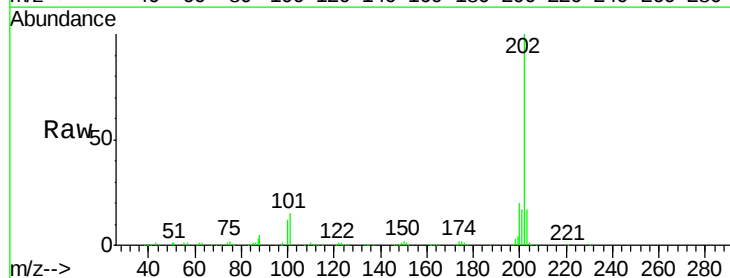
RT: 12.85 min Scan# 1830

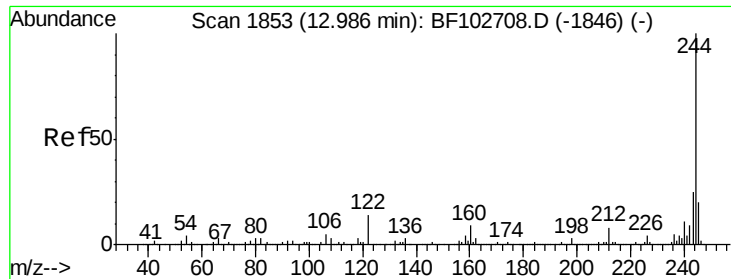
Delta R.T. -0.01 min

Lab File: BF103083.D

Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	203119		
200	20.5	17.4	26.2	
203	16.9	14.3	21.5	





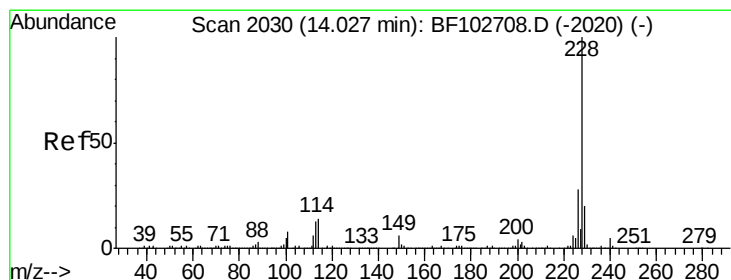
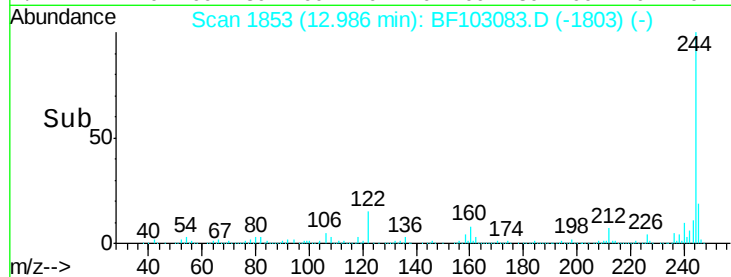
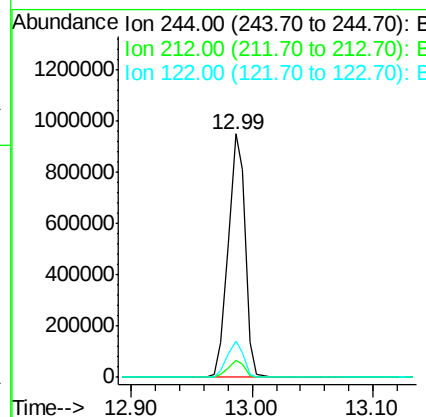
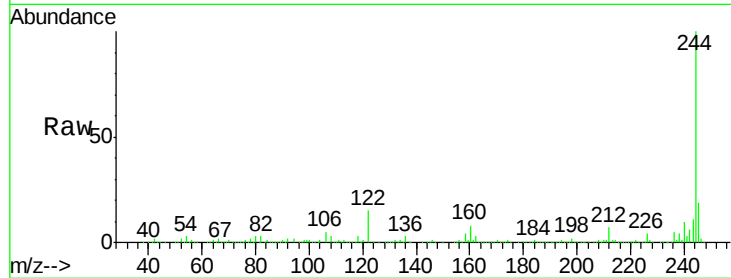
#78
 Terphenyl-d14
 Concen: 71.161 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF103083.D
 Acq: 19 Feb 2018 15:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.0	11.0	16.4

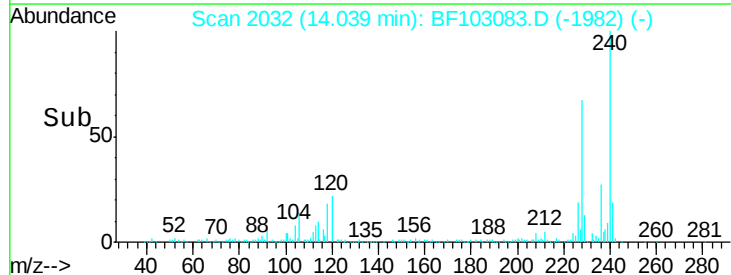
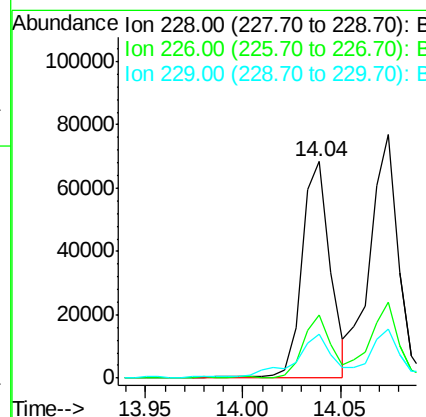
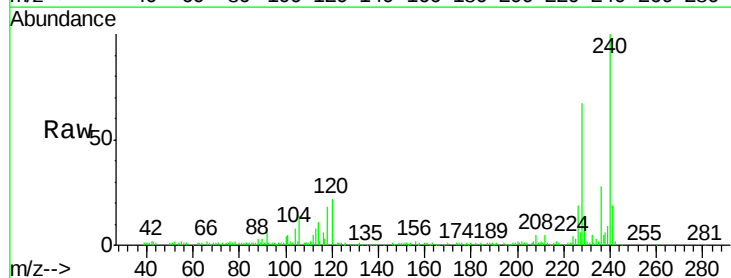
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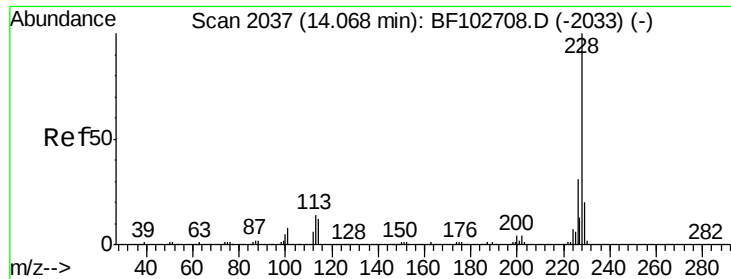
Sohil
 2/20/2018 10:20:30 AM



#80
 Benzo(a)anthracene
 Concen: 3.602 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103083.D
 Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.5	15.8	23.6





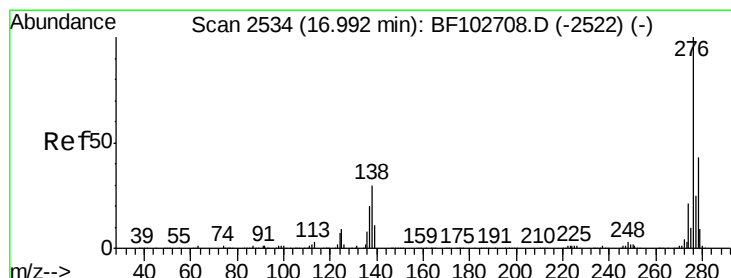
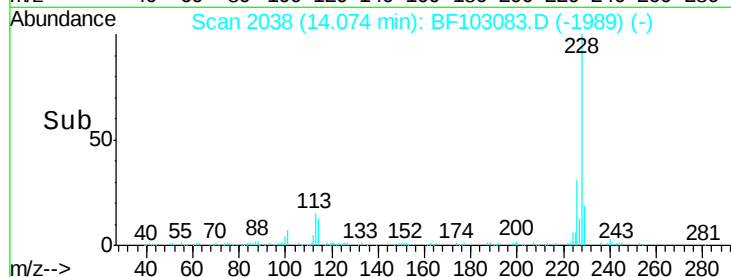
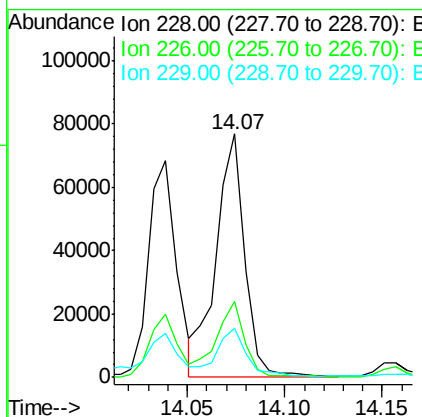
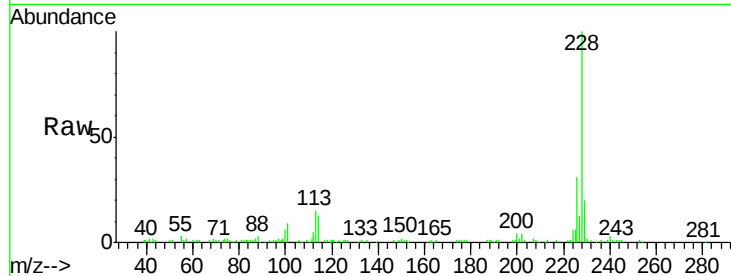
#82
Chrysene
Concen: 4.059 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	16.2	24.4

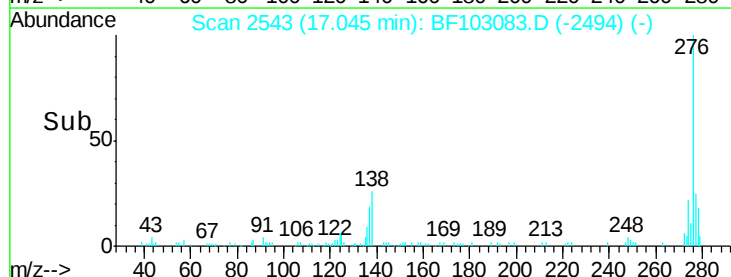
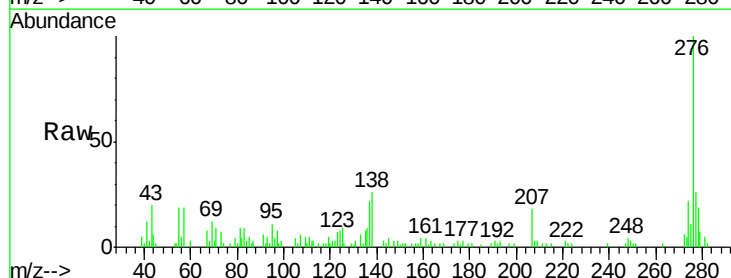
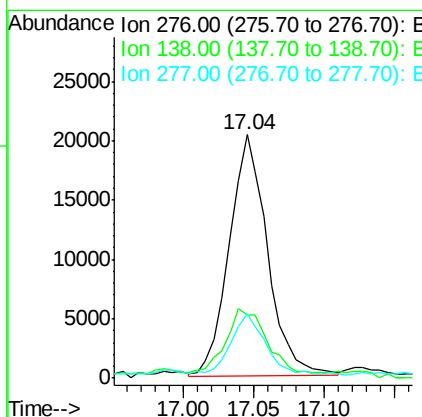
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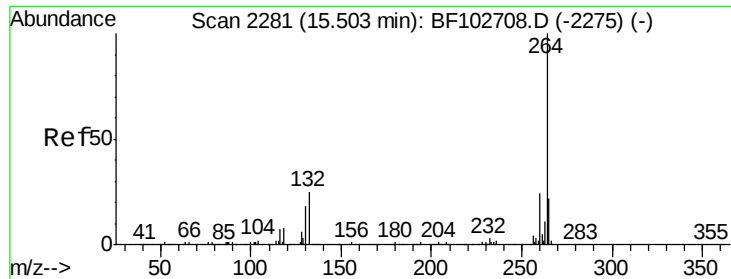
Sohil
2/20/2018 10:20:30 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.424 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	22.5	20.1	30.1





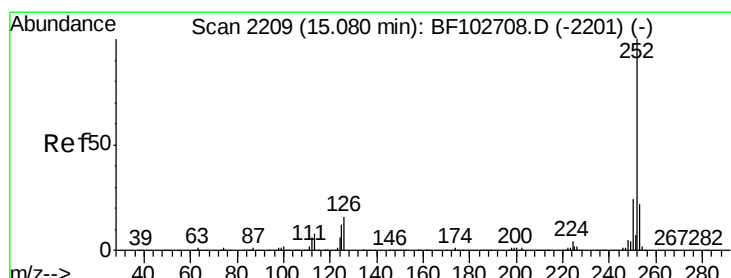
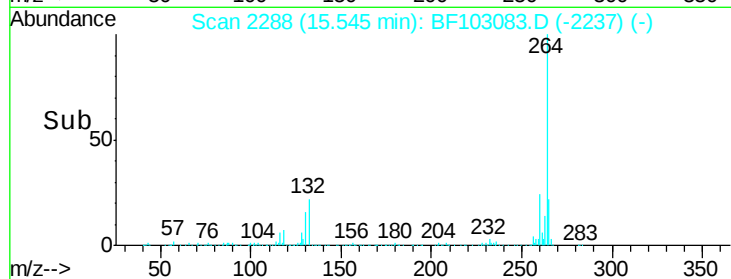
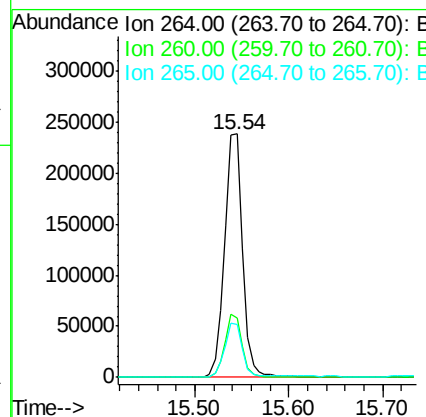
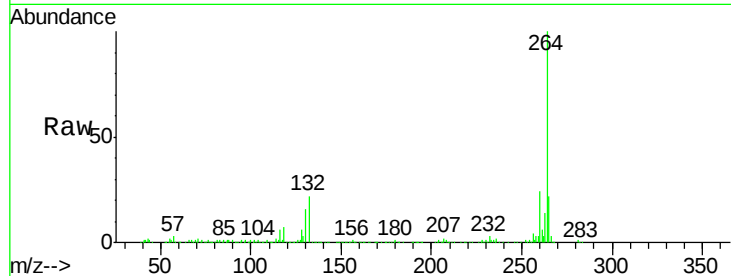
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

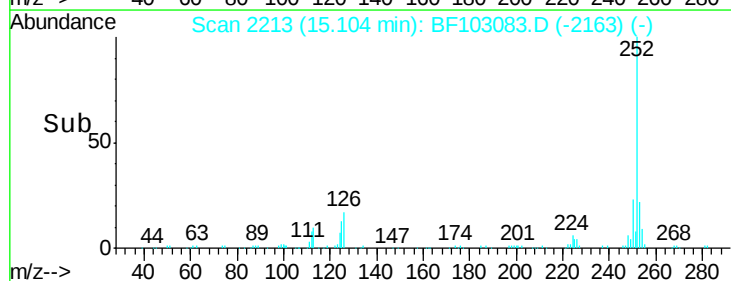
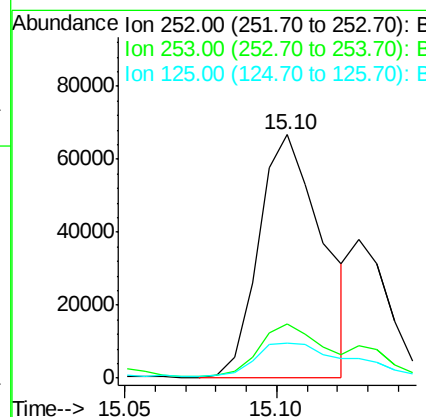
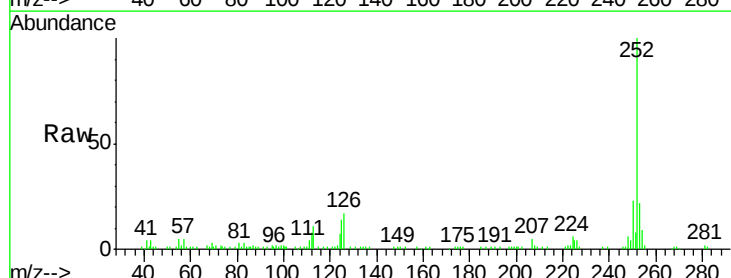
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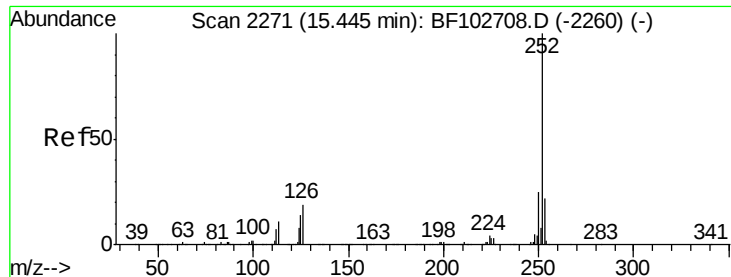
Sohil
2/20/2018 10:20:30 AM



#87
Benzo(b)fluoranthene
Concen: 4.732 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.2	9.0	13.6





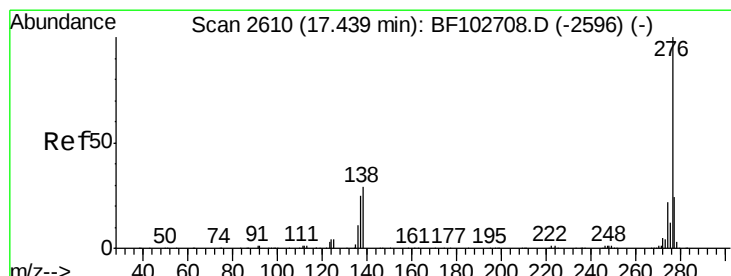
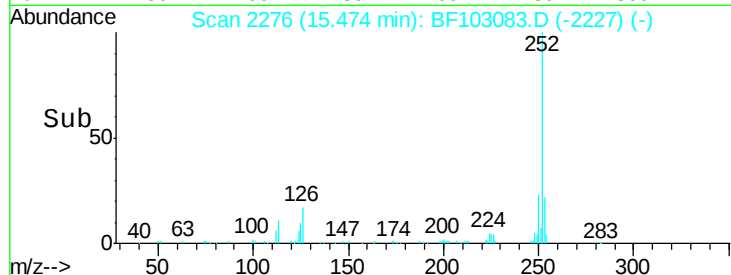
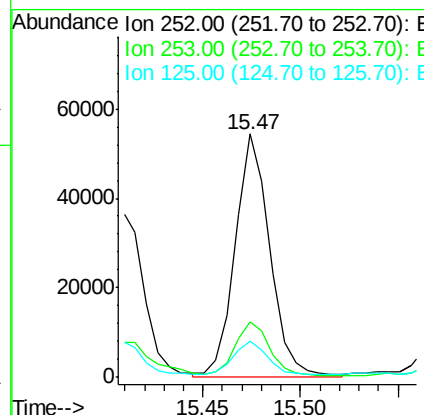
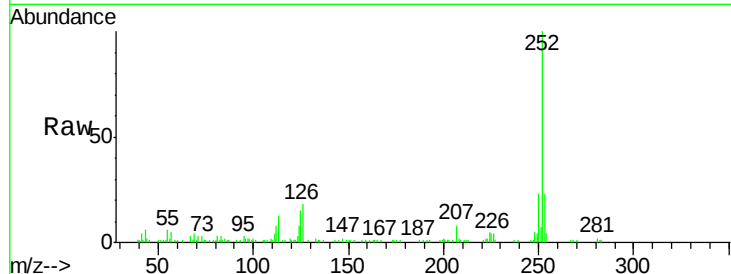
#89
Benzo(a)pyrene
Concen: 3.596 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.1	9.8	14.6

Manual Integrations
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Sohil
2/20/2018 10:20:30 AM



#91
Benzo(g,h,i)perylene
Concen: 2.397 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF103083.D
Acq: 19 Feb 2018 15:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	30.2	21.8	32.8

