

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099411.D
 Acq On : 12 Oct 2017 22:52
 Operator : SJ/JU
 Sample : I5729-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6W-(2-3)

Manual Integrations
 APPROVED

Sohil
 10/13/2017 3:06:28 PM

Quant Time: Oct 13 04:13:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111286	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	442317	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	180805	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	266344	20.00	ng	0.00
75) Chrysene-d12	14.02	240	214508	20.00	ng	0.00
86) Perylene-d12	15.49	264	175063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	609542	87.19	ng	0.00
7) Phenol-d6	6.49	99	729320	84.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	428891	62.18	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	112754	76.21	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	755634	69.77	ng	0.00
78) Terphenyl-d14	12.96	244	484094	51.32	ng	0.00
Target Compounds						
48) Acenaphthylene	9.75	152	56000	3.135	ng	99
49) Dimethylphthalate	9.60	163	101053	7.405	ng	100
70) Phenanthrene	11.40	178	79336	5.565	ng	97
71) Anthracene	11.45	178	41578	2.850	ng	97
74) Fluoranthene	12.59	202	122988	8.519	ng	98
77) Pyrene	12.82	202	108671	6.644	ng	97
80) Benzo(a)anthracene	14.00	228	58404m	4.496	ng	
82) Chrysene	14.04	228	53472	4.324	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	41336	4.179	ng	99
87) Benzo(b)fluoranthene	15.06	252	79225m	7.360	ng	
89) Benzo(a)pyrene	15.42	252	55816	5.649	ng	# 93
91) Benzo(a,h,i)perylene	17.42	276	47726	6.106	ng	# 90

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

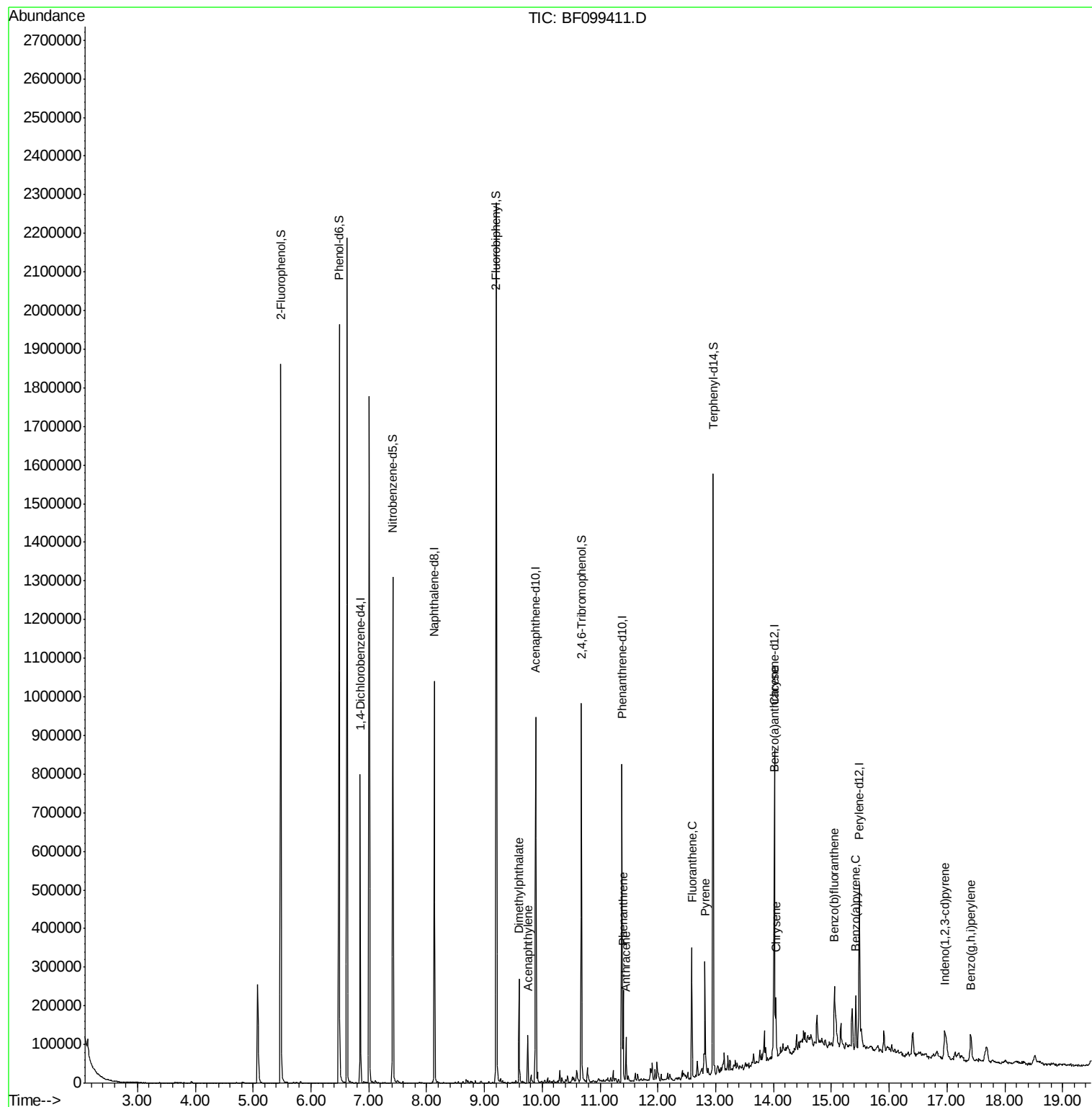
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099411.D
Acq On : 12 Oct 2017 22:52
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Sample : I5729-11
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ALS Vial : 16 Sample Multiplier: 1

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6W-(2-3)

Manual Integrations
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Quant Time: Oct 13 04:13:45 2017
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#1

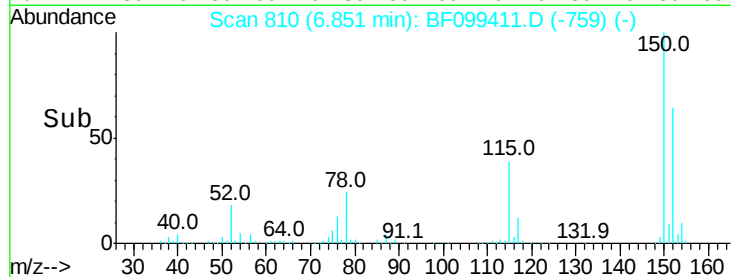
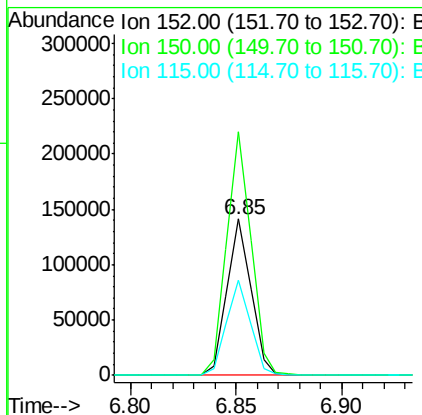
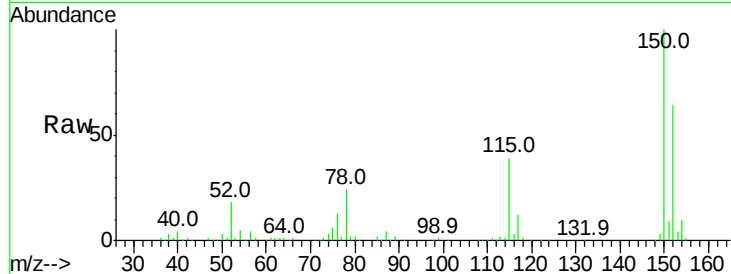
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampled :
6W-(2-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	60.9	50.1	75.1

Manual Integrations
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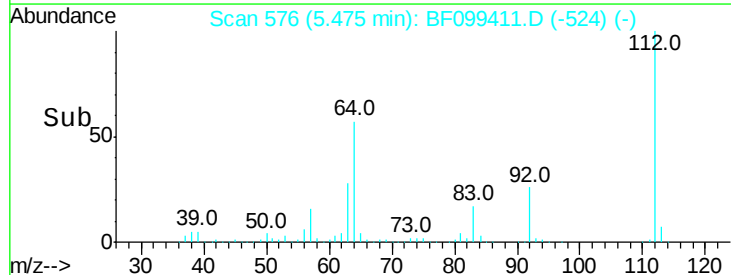
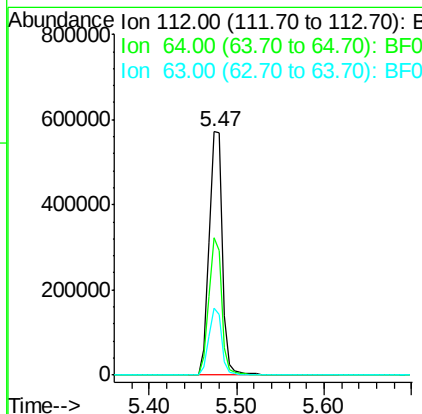
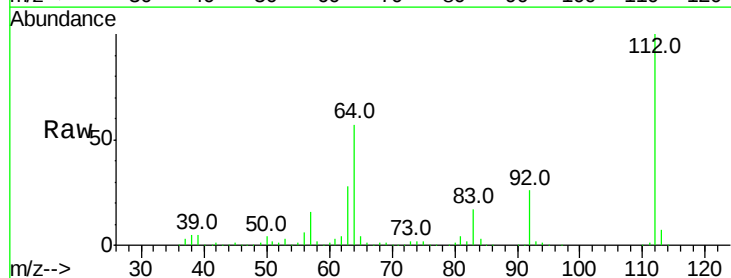
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#5

2-Fluorophenol
Concen: 87.192 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

Concen: 84.570 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099411.D

Acq: 12 Oct 2017 22:52

Instrument :

BNA_F

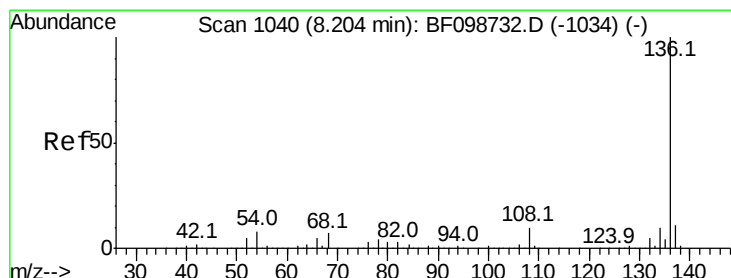
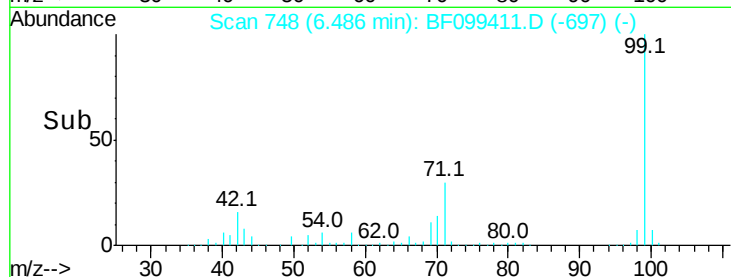
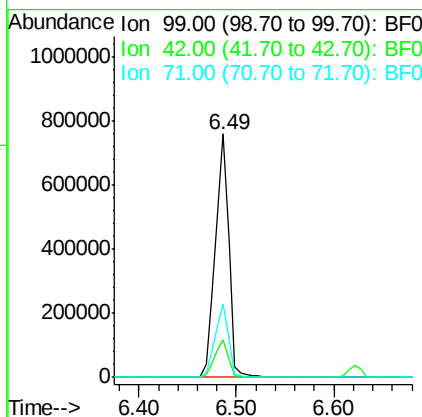
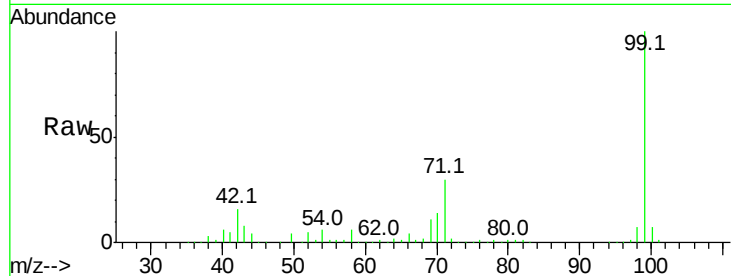
ClientSampled :

6W-(2-3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		729320		
42	15.5	14.5	21.7		
71	30.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

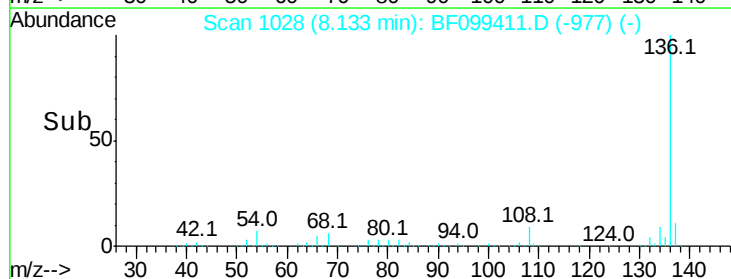
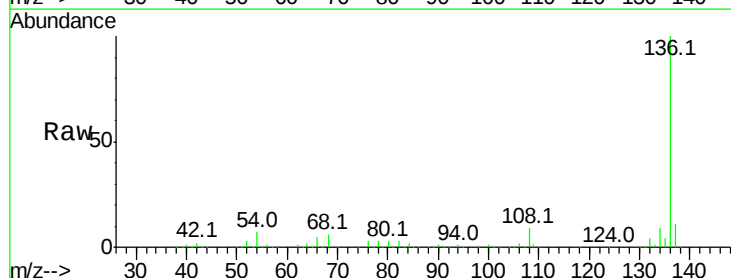
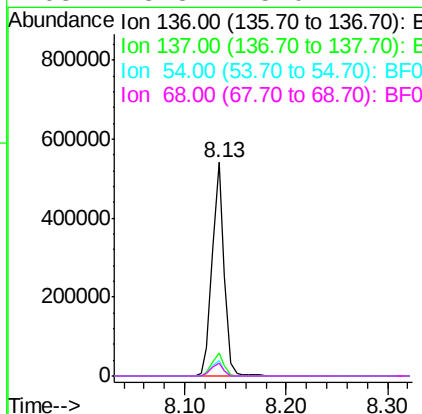
RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099411.D

Acq: 12 Oct 2017 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		442317		
137	11.0	8.9	13.3		
54	7.4	6.6	9.8		
68	5.8	5.0	7.4		





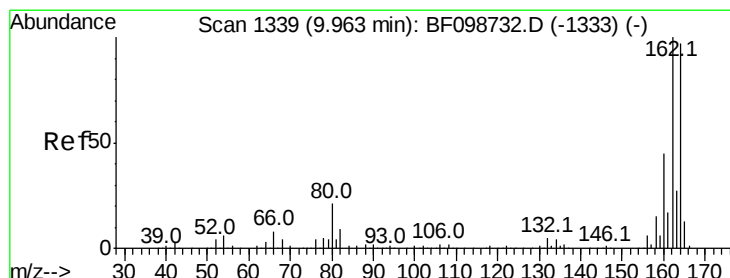
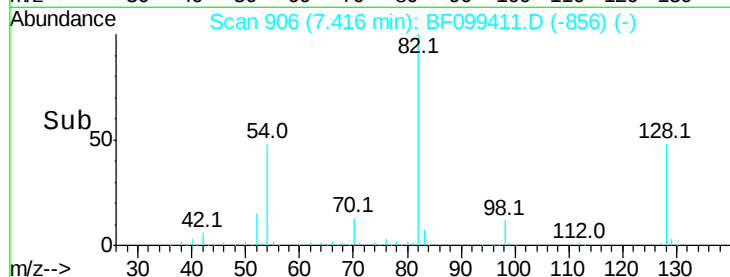
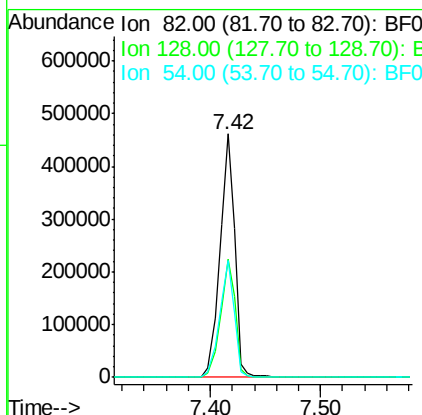
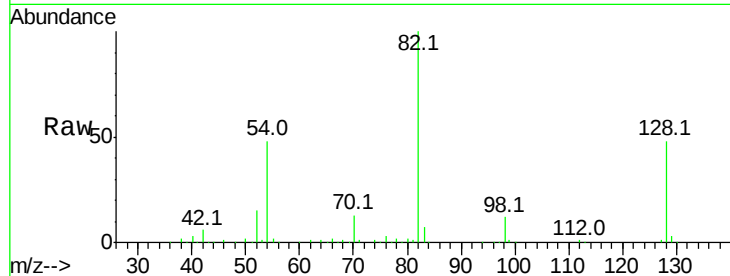
#23
Nitrobenzene-d5
Concen: 62.184 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampled :
6W-(2-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	47.8	41.4	62.2

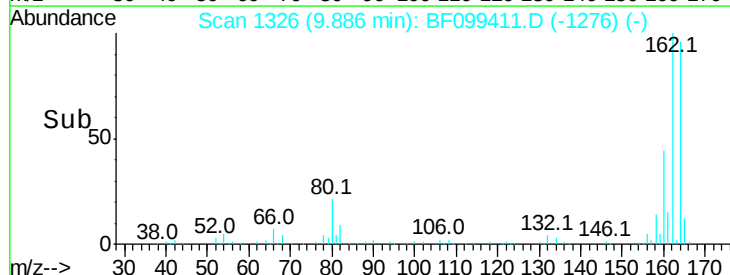
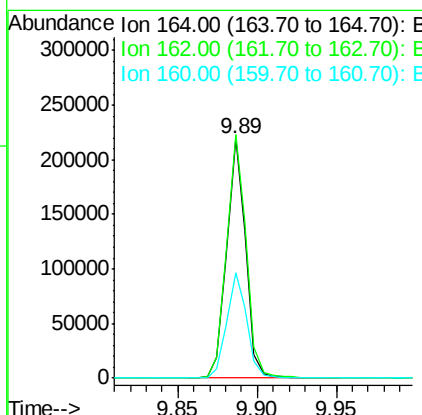
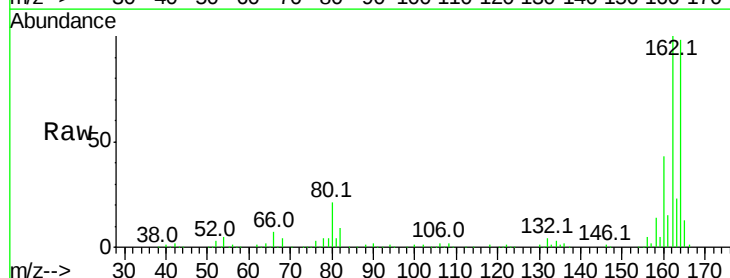
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.2	38.3	57.5





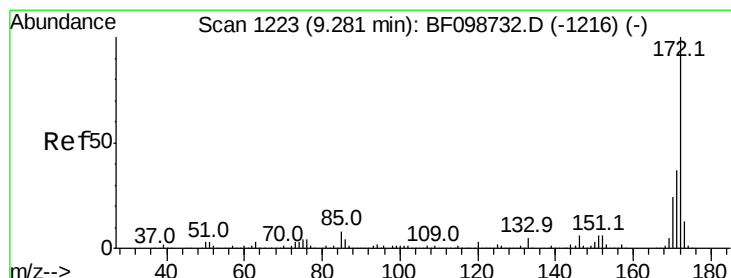
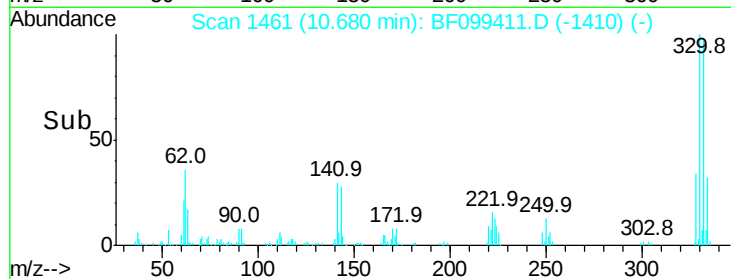
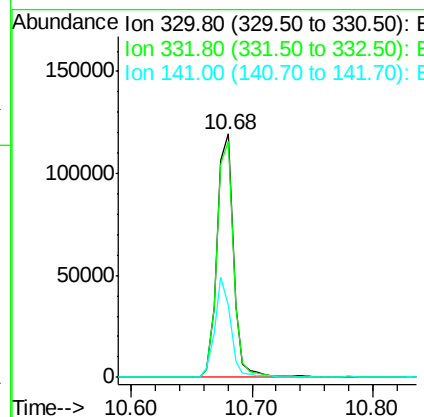
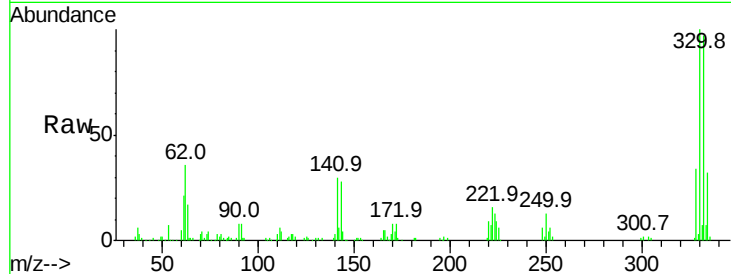
#41
 2,4,6-Tribromophenol
 Concen: 76.212 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 6W-(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	112754		
332	97.2	77.0	115.6	
141	39.4	29.9	44.9	

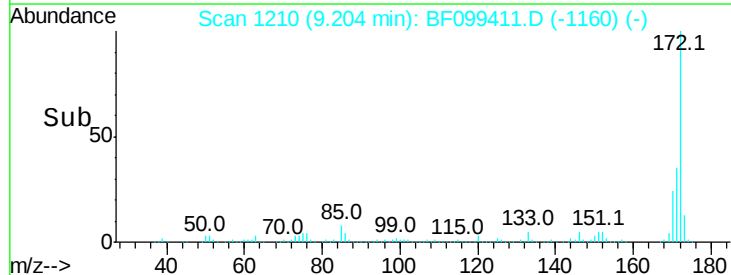
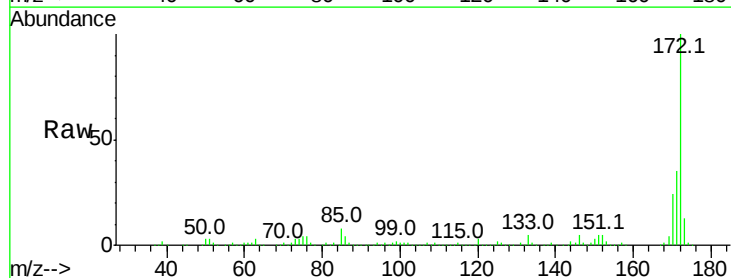
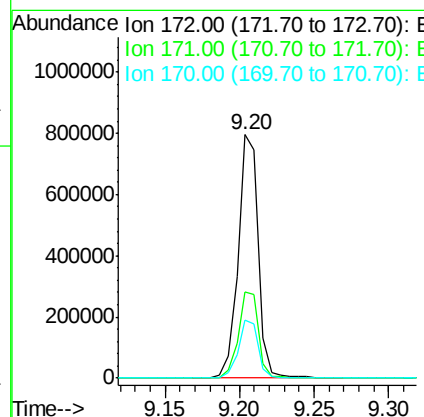
Manual Integrations
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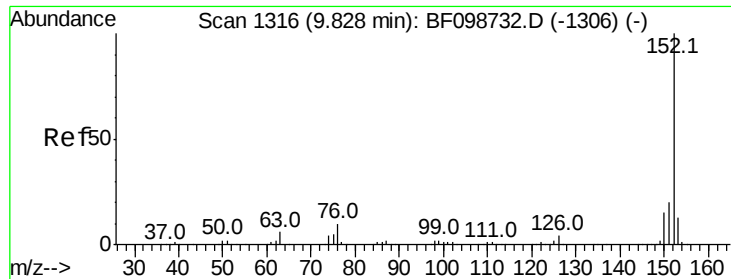
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#44
 2-Fluorobiphenyl
 Concen: 69.770 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	755634		
171	35.4	29.7	44.5	
170	23.9	19.6	29.4	





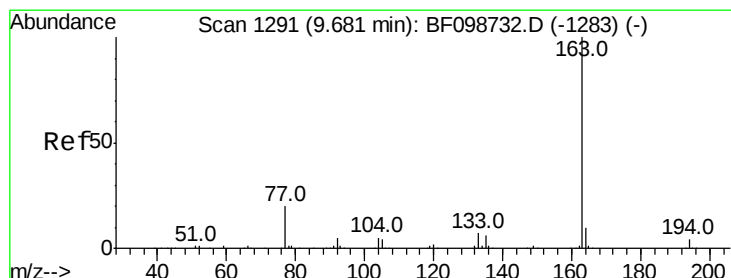
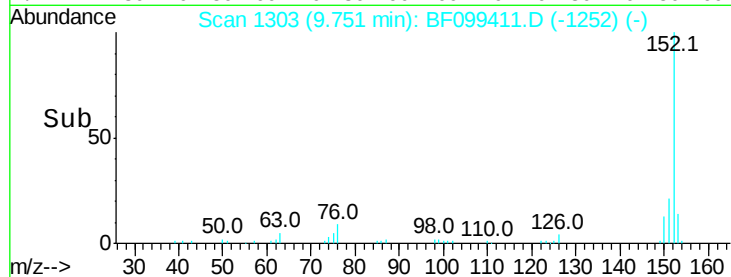
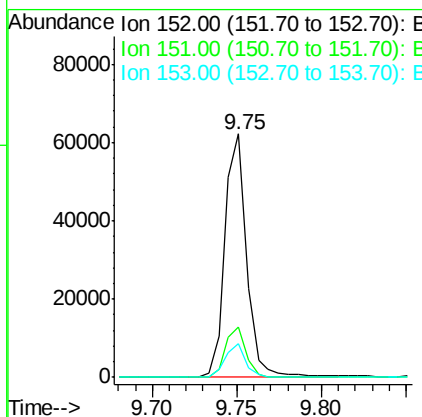
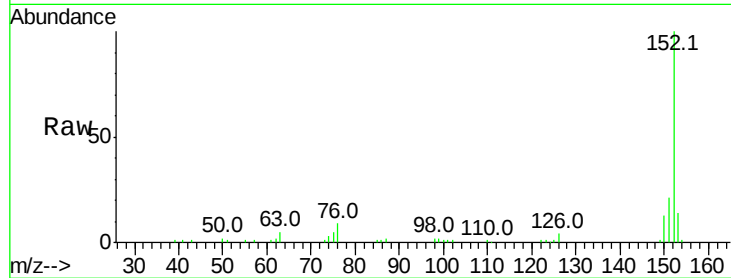
#48
Acenaphthylene
Concen: 3.135 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		56000		
151	20.6	16.3	24.5		
153	14.0	10.7	16.1		

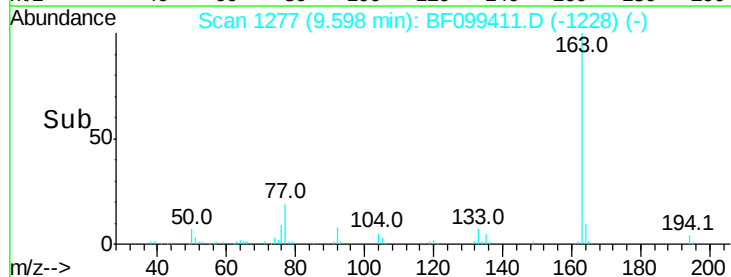
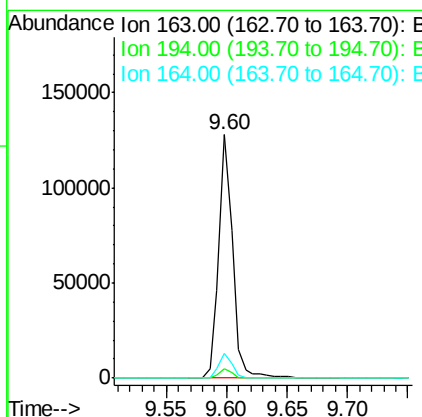
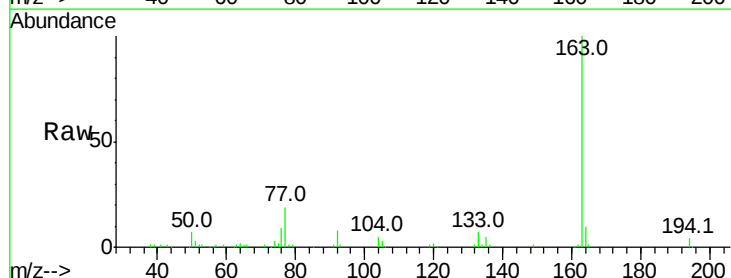
Manual Integrations
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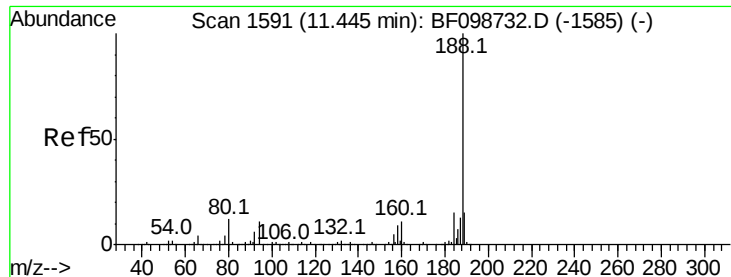
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#49
Dimethylphthalate
Concen: 7.405 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		101053		
194	3.7	2.7	4.1		
164	10.1	8.2	12.2		





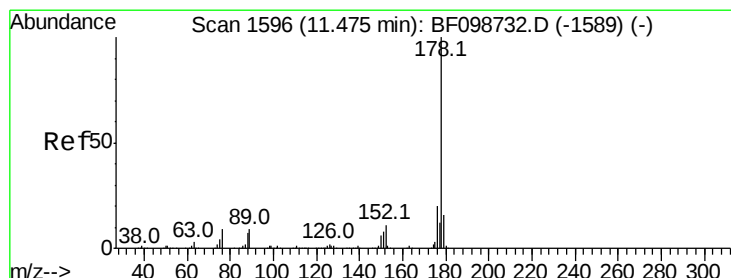
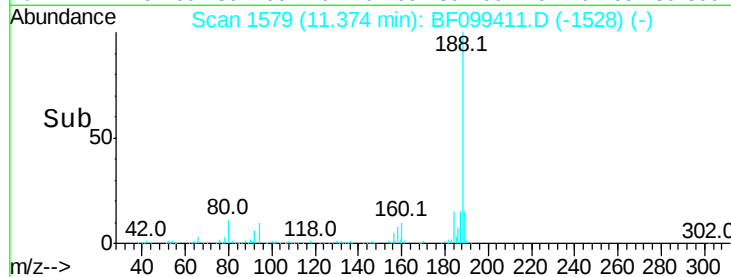
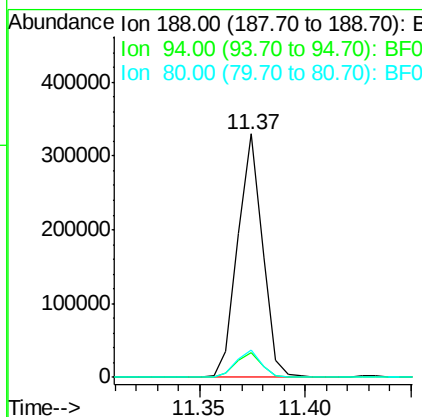
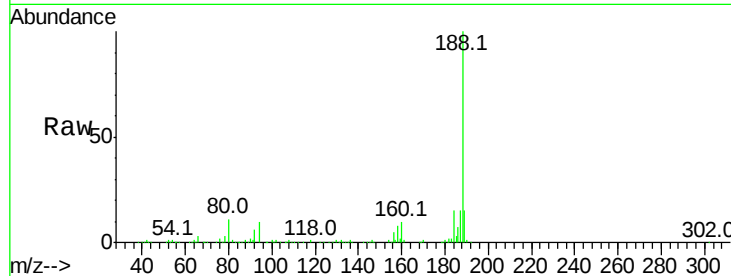
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	266344		
94	10.2		8.5	12.7
80	11.2		9.2	13.8

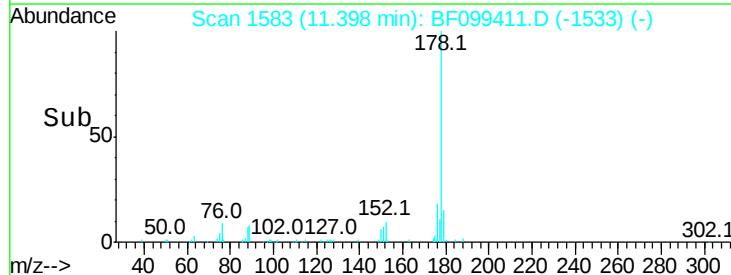
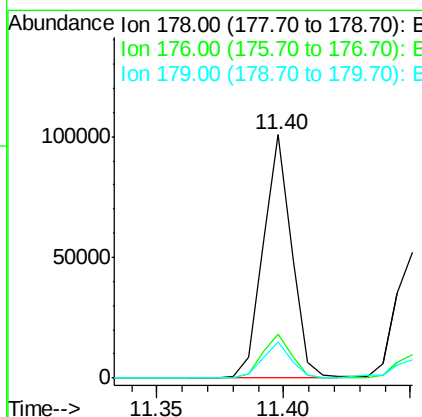
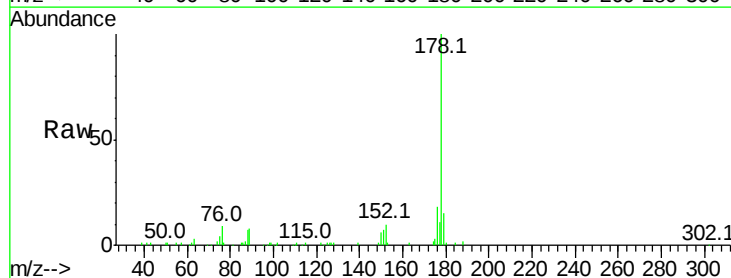
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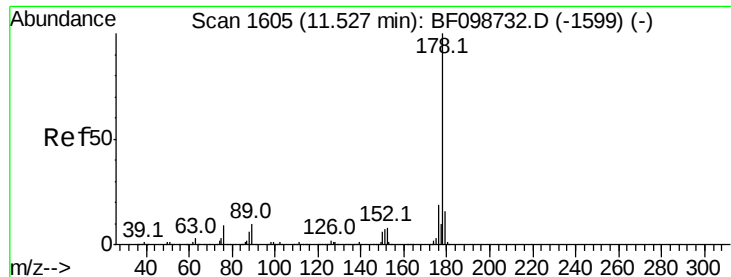
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#70
Phenanthrene
Concen: 5.565 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	79336		
176	18.2		15.8	23.8
179	14.9		13.0	19.6





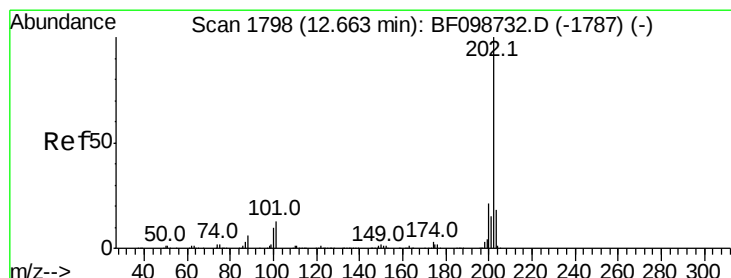
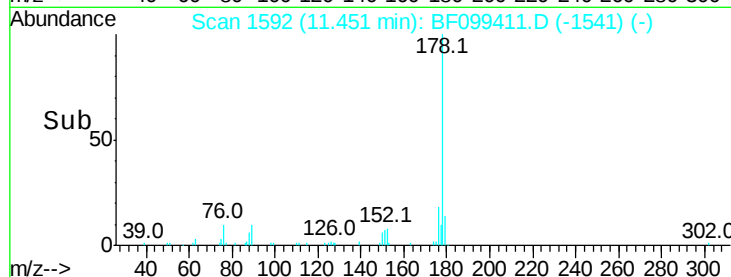
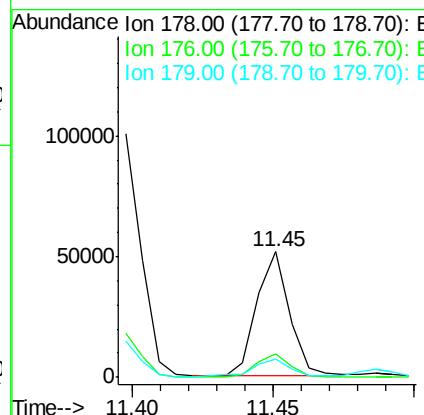
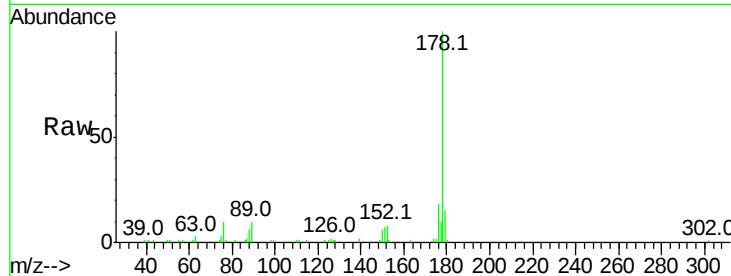
#71
 Anthracene
 Concen: 2.850 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 6W-(2-3)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.5	12.6	19.0

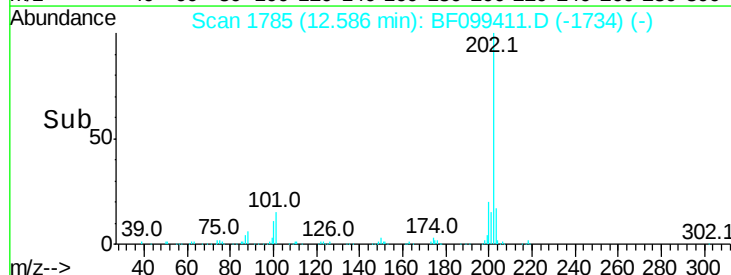
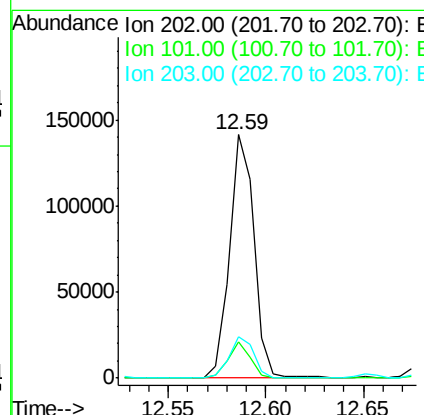
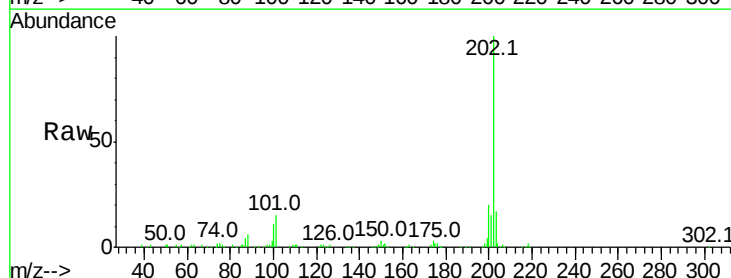
Manual Integrations
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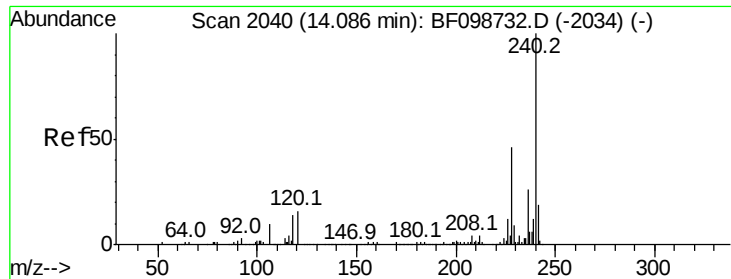
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#74
 Fluoranthene
 Concen: 8.519 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	16.9	0.0	38.1





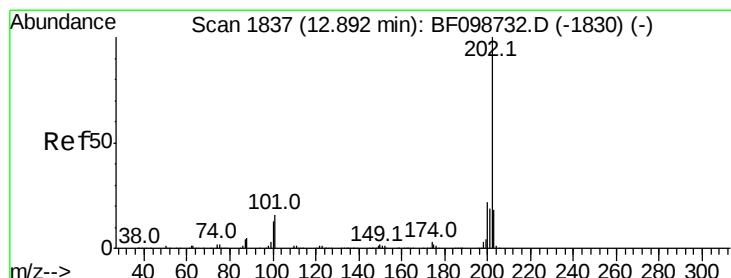
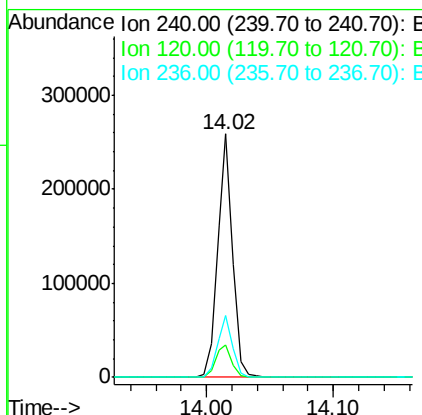
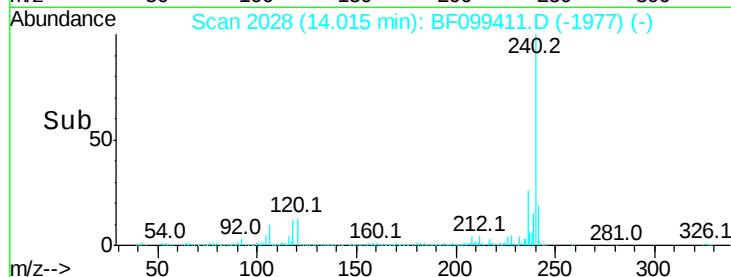
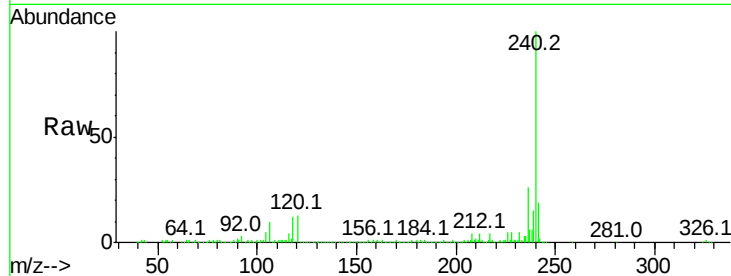
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 6W-(2-3)

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.5	20.7	31.1

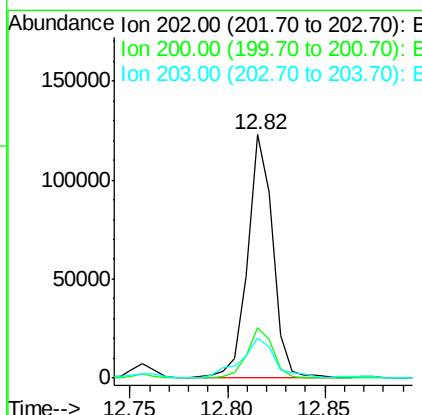
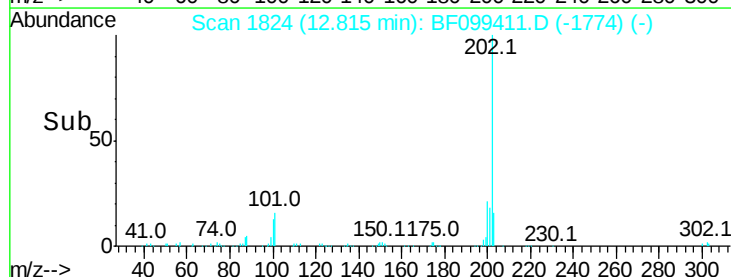
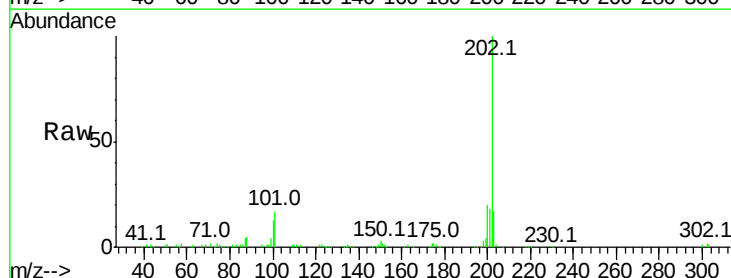
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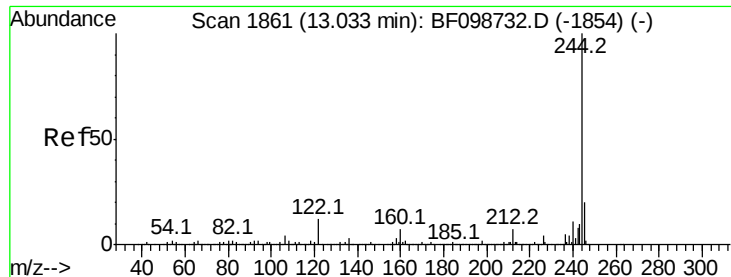
Sohil
 10/13/2017 3:06:28 PM



#77
 Pyrene
 Concen: 6.644 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF099411.D
 Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.5	14.3	21.5





#78

Terphenyl-d14

Concen: 51.323 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099411.D

Acq: 12 Oct 2017 22:52

Instrument :

BNA_F

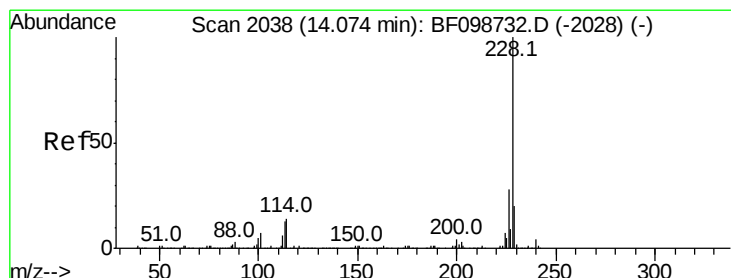
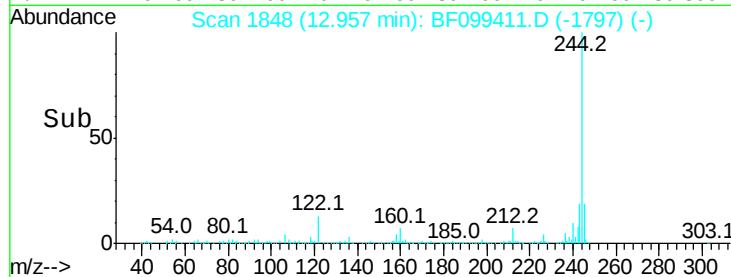
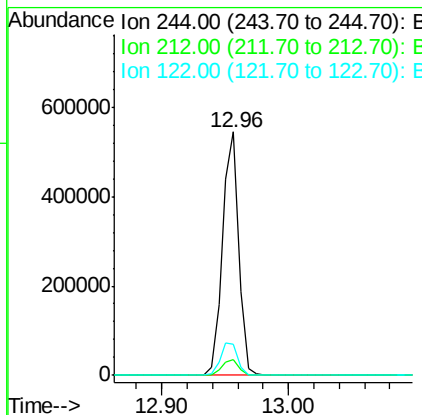
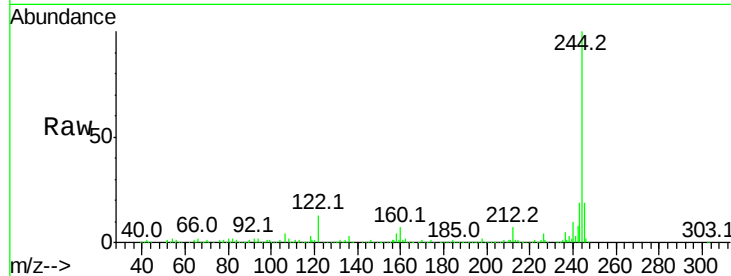
ClientSampleId :

6W-(2-3)

Tot Ion:	244	Resp:	484094
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	12.8	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 4.496 ng m

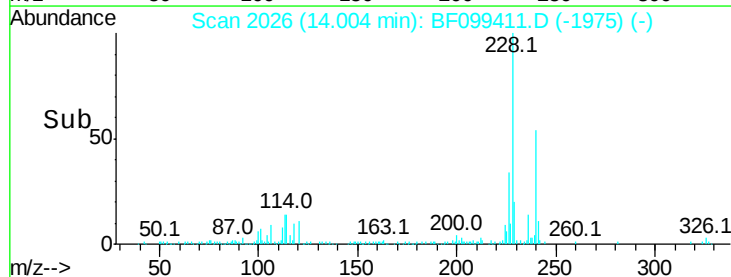
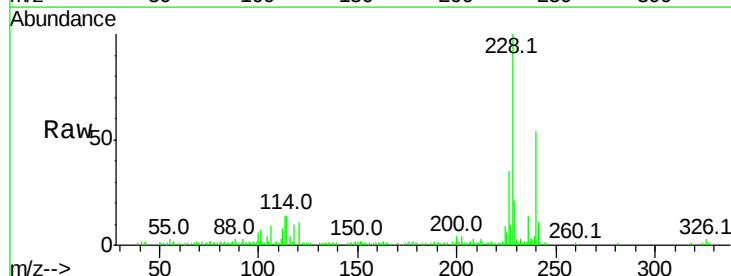
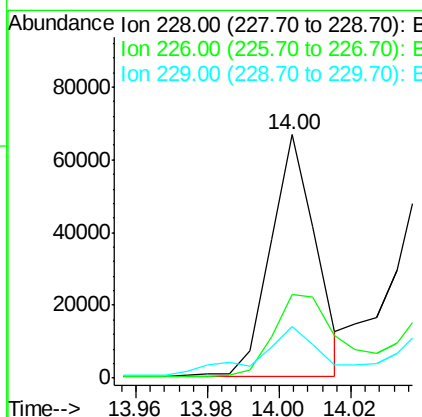
RT: 14.00 min Scan# 2026

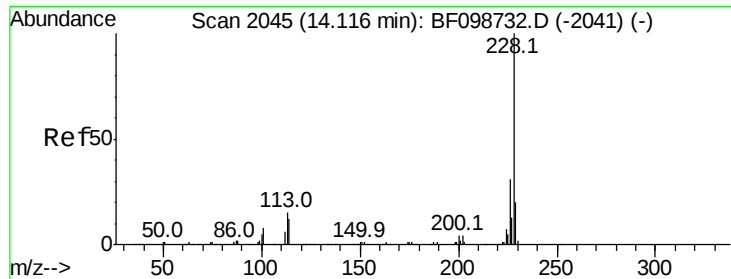
Delta R.T. -0.00 min

Lab File: BF099411.D

Acq: 12 Oct 2017 22:52

Tgt Ion:	228	Resp:	58404
Ion Ratio	Lower	Upper	
228	100		
226	34.5	22.6	33.8#
229	21.2	15.8	23.6





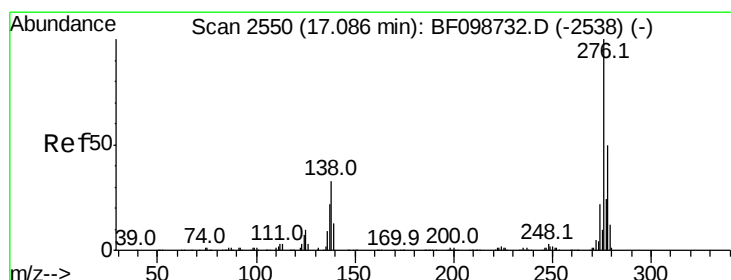
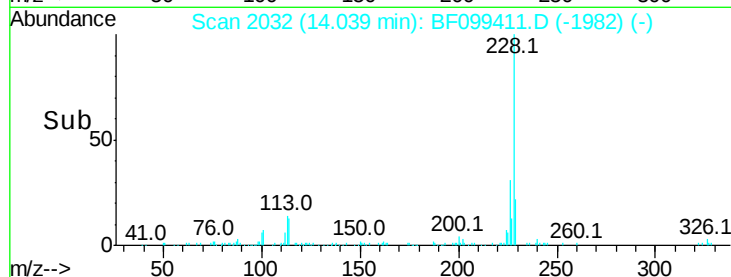
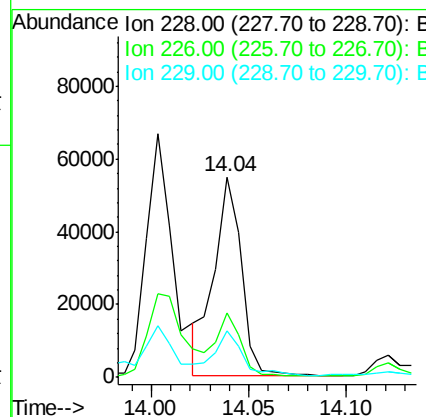
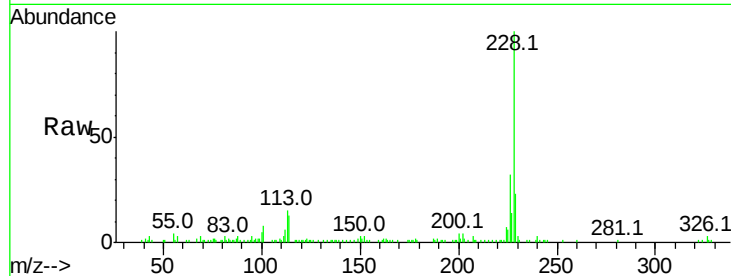
#82
Chrysene
Concen: 4.324 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampled :
6W-(2-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	23.0	16.2	24.4

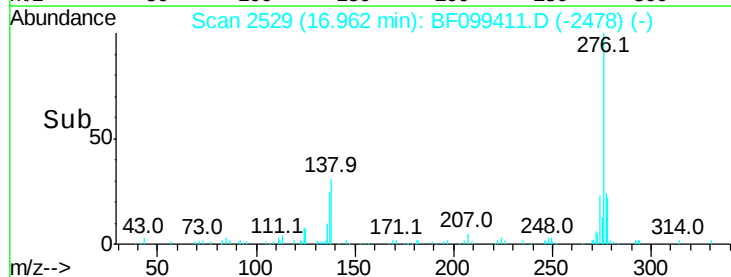
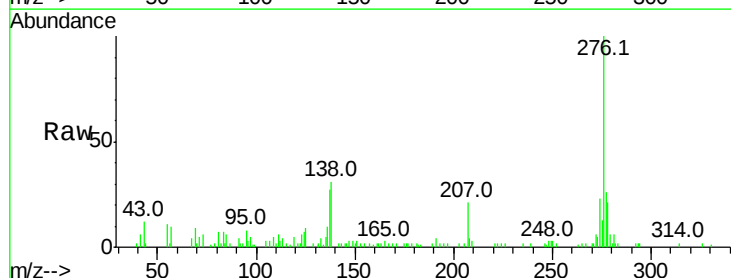
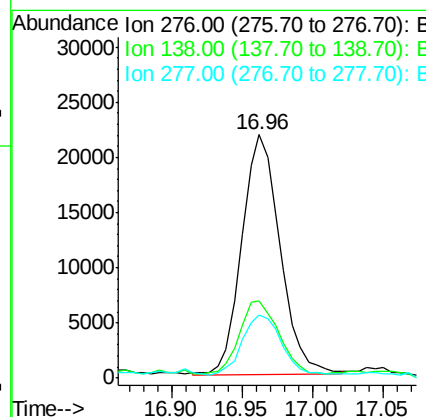
Manual Integrations
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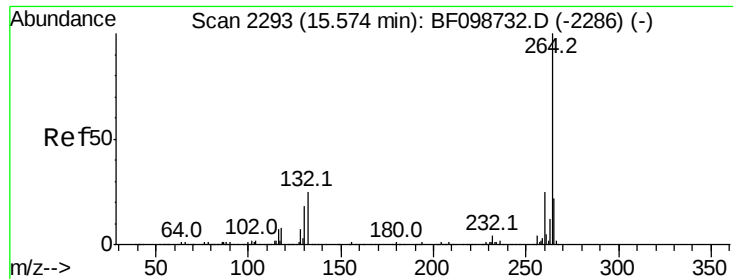
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.179 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.0	37.6
277	26.0	20.1	30.1





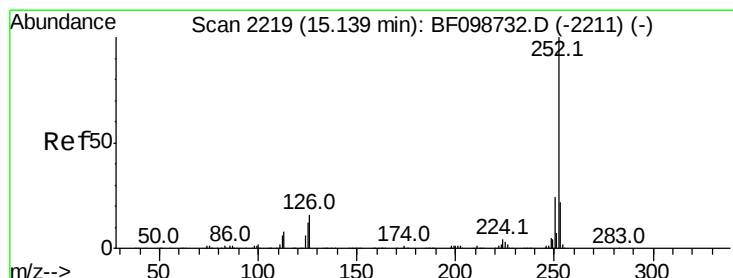
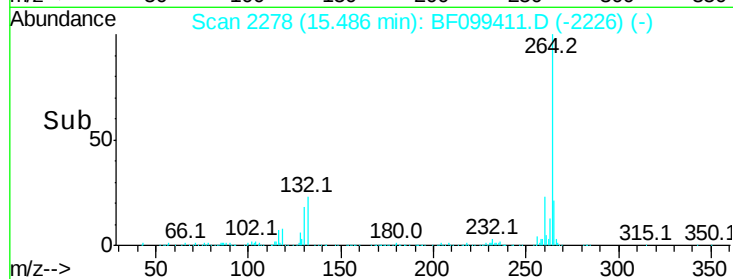
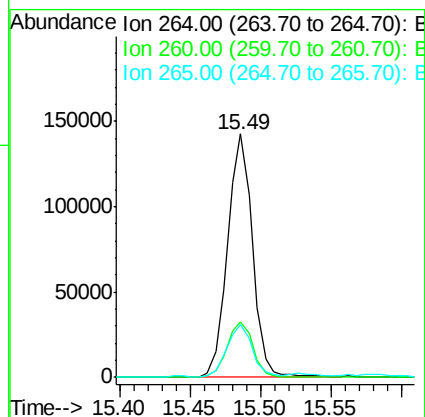
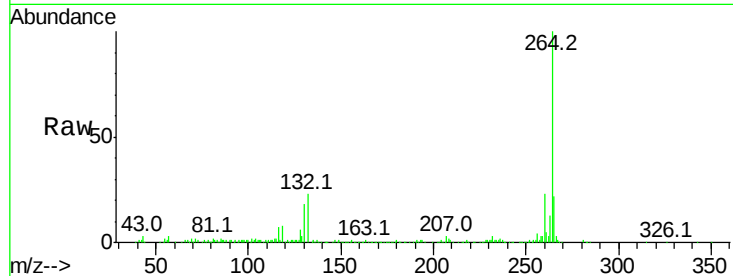
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.5	26.3

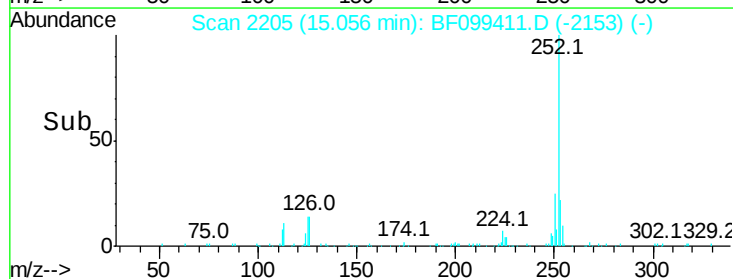
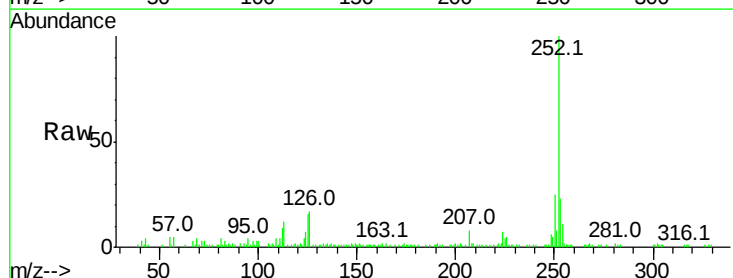
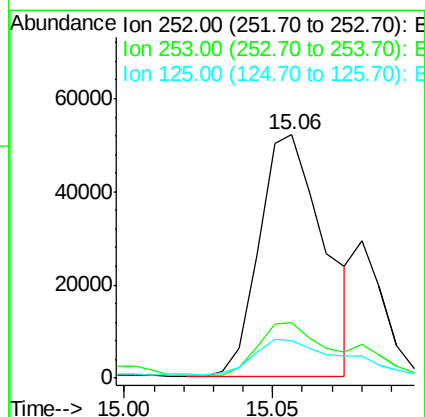
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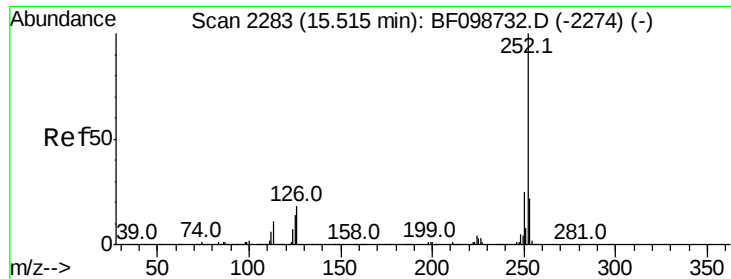
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#87
Benzo(b)fluoranthene
Concen: 7.360 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	15.6	9.0	13.6#





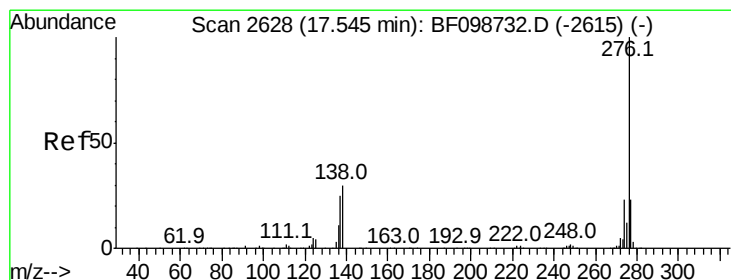
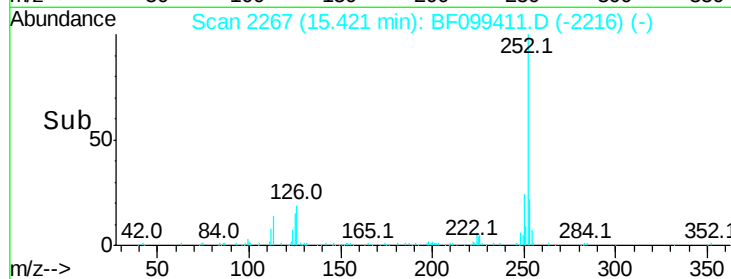
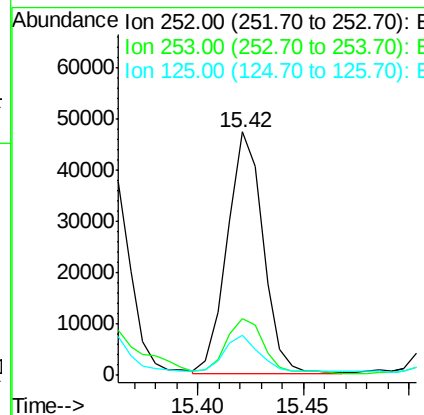
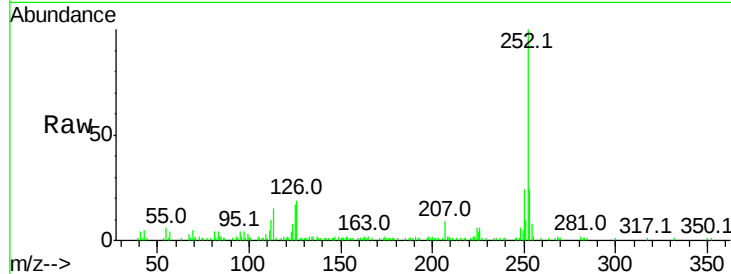
#89
Benzo(a)pyrene
Concen: 5.649 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
6W-(2-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	16.6	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.106 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BF099411.D
Acq: 12 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	34.4	21.8	32.8

