

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099381.D
 Acq On : 12 Oct 2017 9:08
 Operator : SJ/JU
 Sample : I5530-16 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(1.5-2)

Manual Integrations
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Sohil
 10/14/2017 1:03:01 PM

Quant Time: Oct 13 16:42:34 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	144507	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	579301	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	245951	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	366006	20.00	ng	0.00
75) Chrysene-d12	14.02	240	252594	20.00	ng	0.00
86) Perylene-d12	15.49	264	269297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	141861	15.63	ng	0.00
7) Phenol-d6	6.47	99	172315	15.39	ng	-0.01
23) Nitrobenzene-d5	7.41	82	97597	10.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	25850	12.84	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	191001	12.96	ng	0.00
78) Terphenyl-d14	12.95	244	104137	9.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	43233	2.329	ng	99
70) Phenanthrene	11.40	178	329293	16.808	ng	98
71) Anthracene	11.45	178	84965	4.239	ng	98
74) Fluoranthene	12.59	202	374156	18.860	ng	98
77) Pyrene	12.82	202	314950	16.351	ng	99
80) Benzo(a)anthracene	14.00	228	142479	9.315	ng	97
82) Chrysene	14.04	228	131980	9.063	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	27415	2.199	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.96	276	64789	5.562	ng	99
87) Benzo(b)fluoranthene	15.05	252	160782m	9.711	ng	
88) Benzo(k)fluoranthene	15.07	252	59164m	3.618	ng	
89) Benzo(a)pyrene	15.42	252	120140	7.905	ng	# 96
91) Benzo(a,h,i)perylene	17.41	276	62904	5.232	ng	96

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

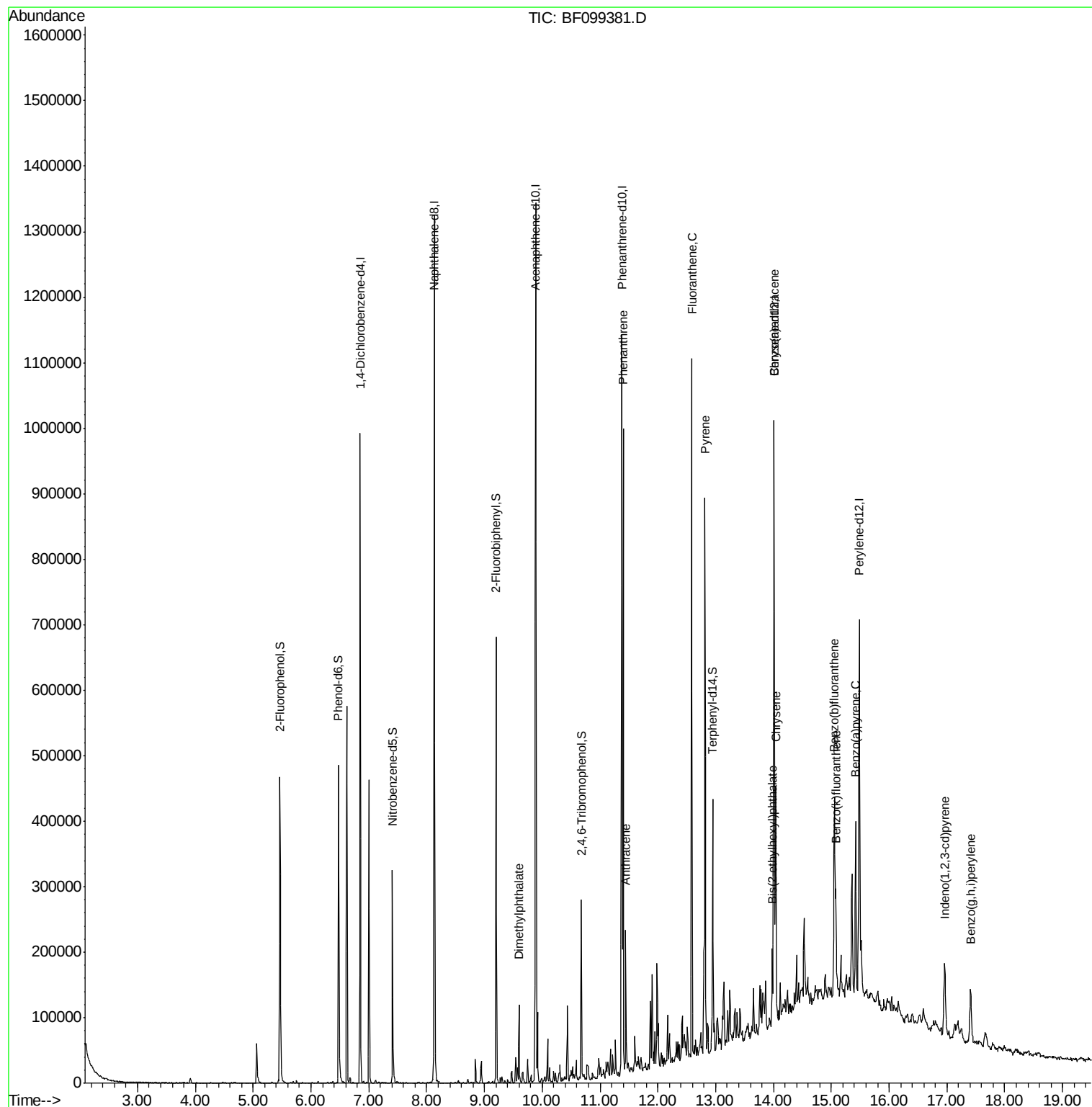
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
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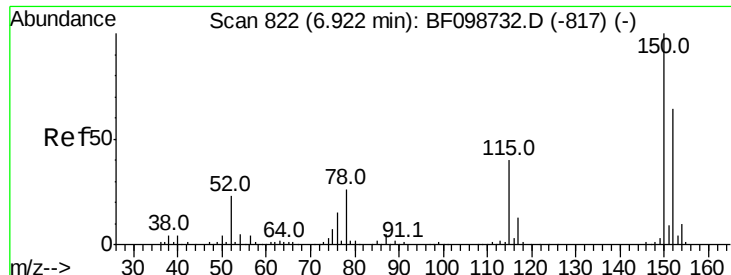
Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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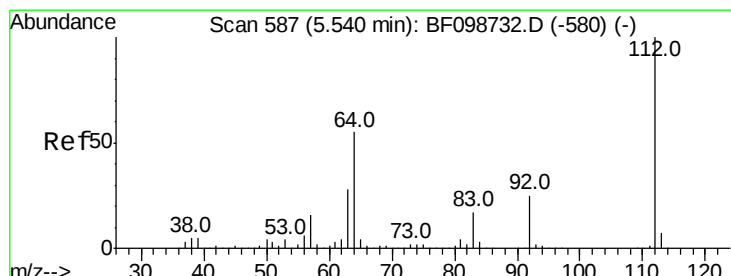
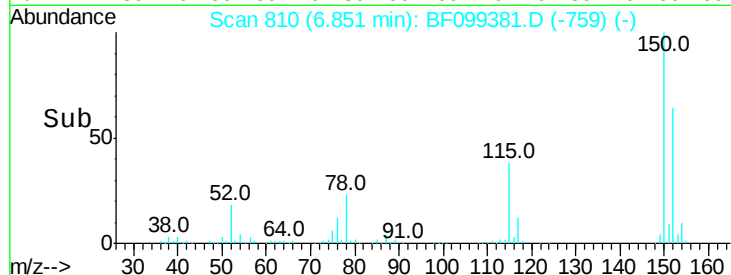
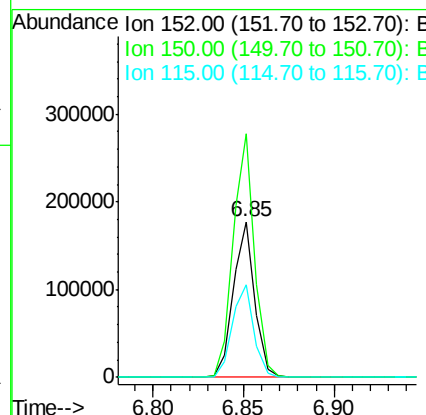
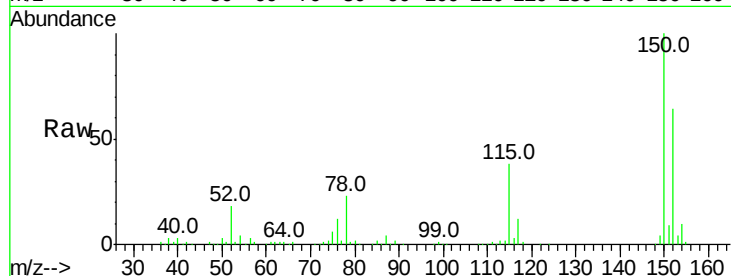
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.4	50.1	75.1

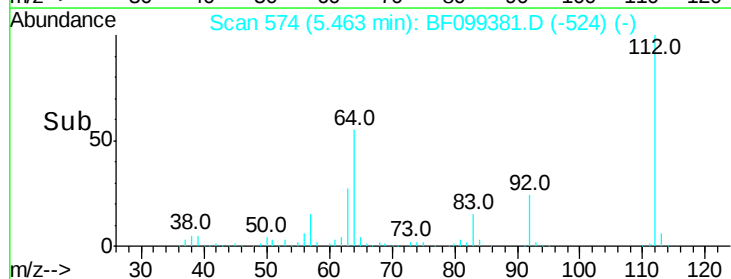
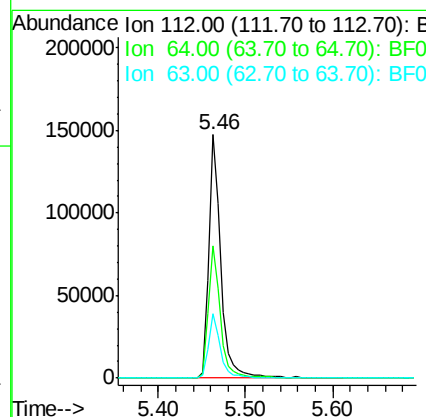
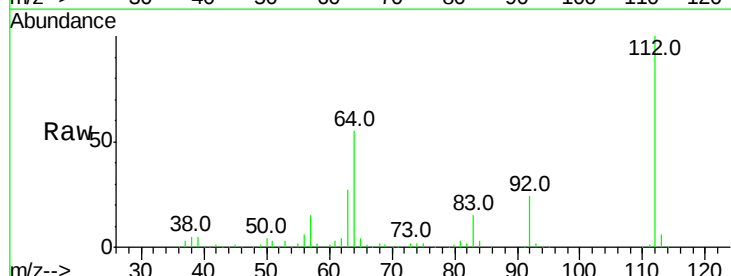
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#5
 2-Fluorophenol
 Concen: 15.628 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	26.7	23.7	35.5





#7

Phenol-d6

Concen: 15.388 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099381.D

Acq: 12 Oct 2017 9:08

Instrument :

BNA_F

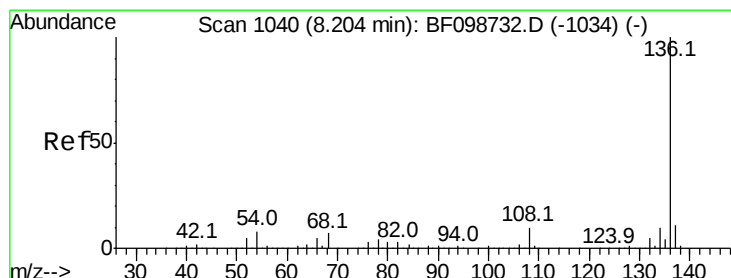
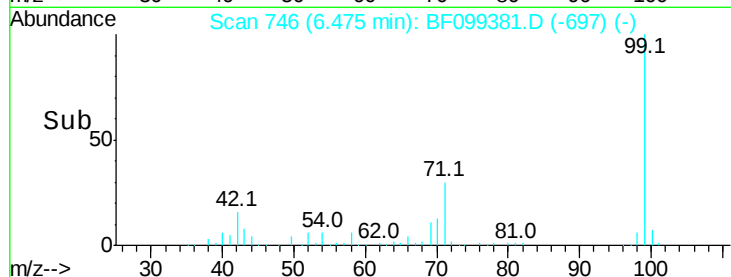
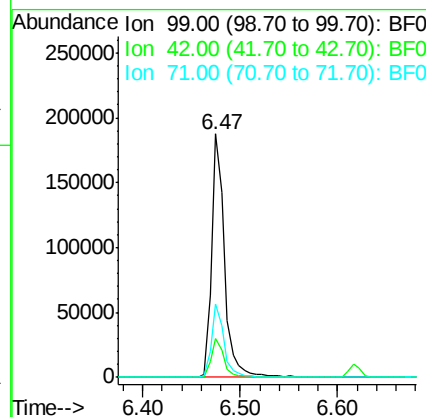
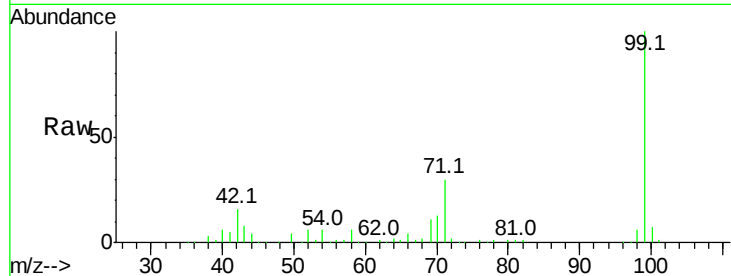
ClientSampled :

LB-32(1.5-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		172315		
42	15.9	14.5	21.7		
71	29.9	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

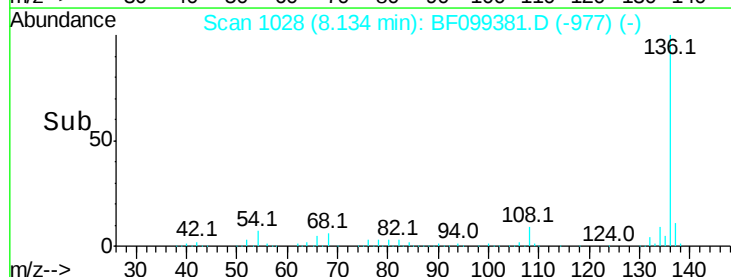
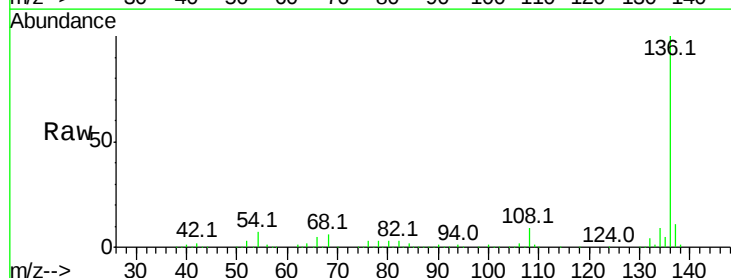
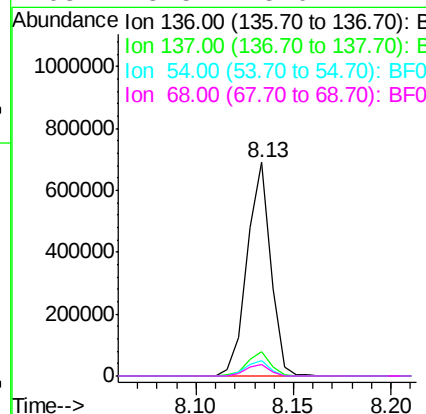
RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099381.D

Acq: 12 Oct 2017 9:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		579301		
137	11.3	8.9	13.3		
54	7.1	6.6	9.8		
68	5.5	5.0	7.4		





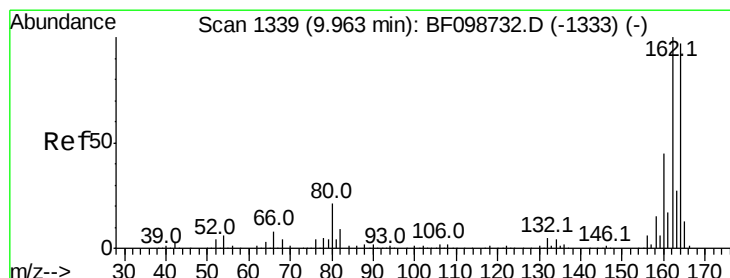
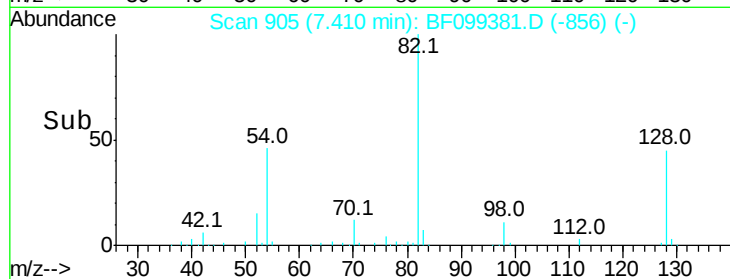
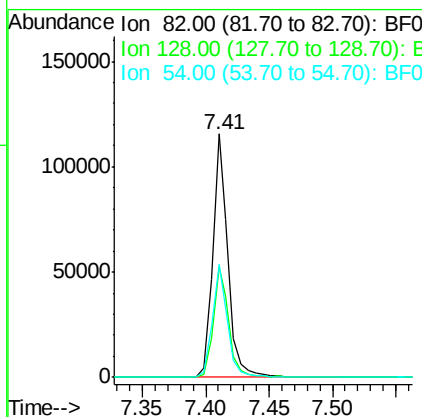
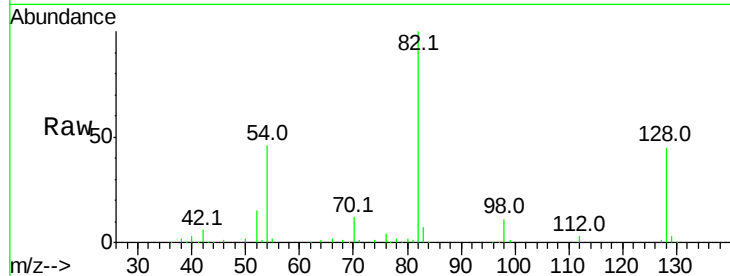
#23
 Nitrobenzene-d5
 Concen: 10.804 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 ClientSampled :
 LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.3	41.4	62.2

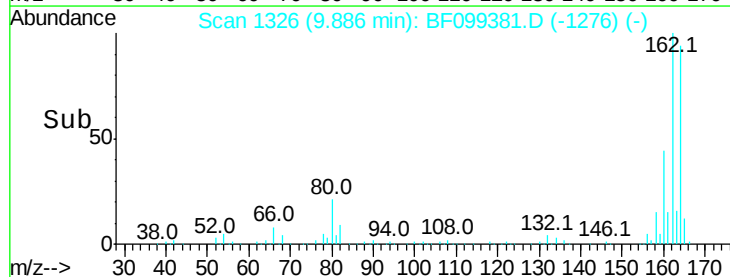
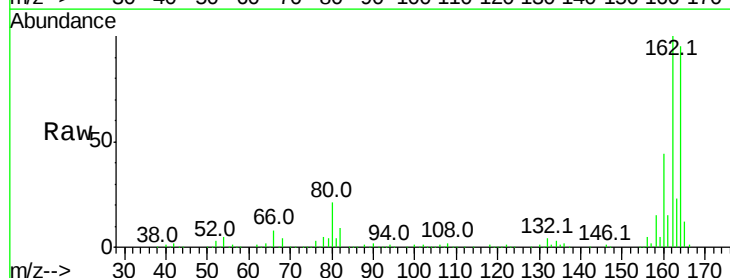
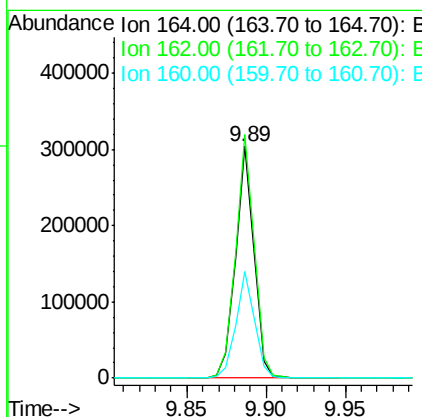
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.9	38.3	57.5





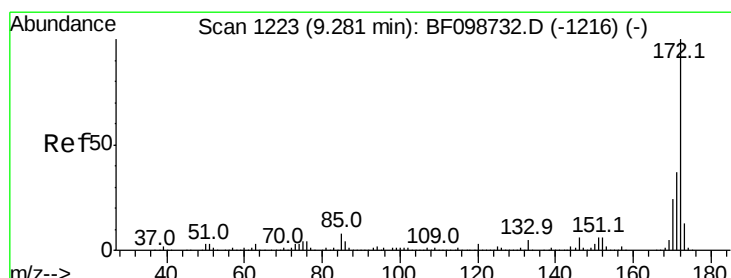
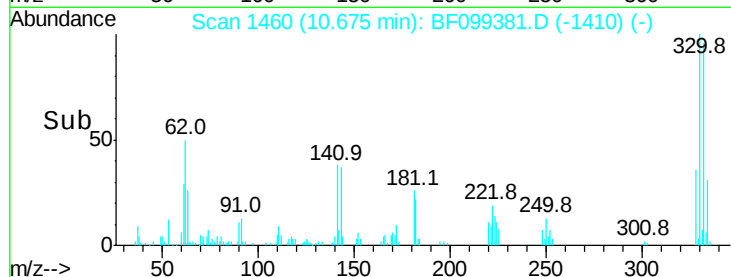
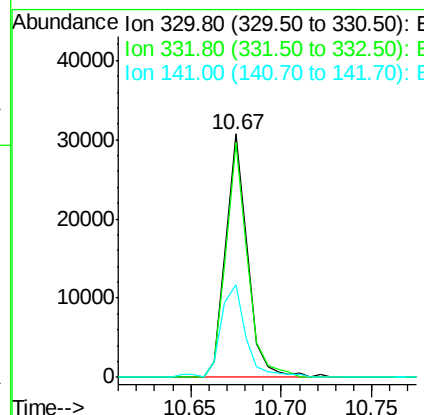
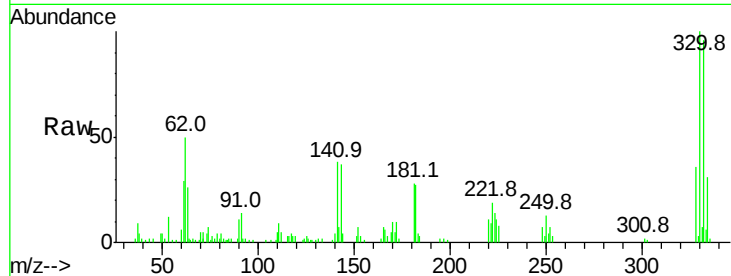
#41
 2,4,6-Tribromophenol
 Concen: 12.844 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	25850		
332	95.0		77.0	115.6
141	44.0		29.9	44.9

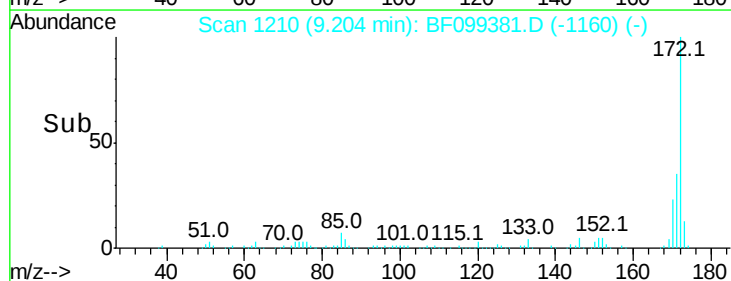
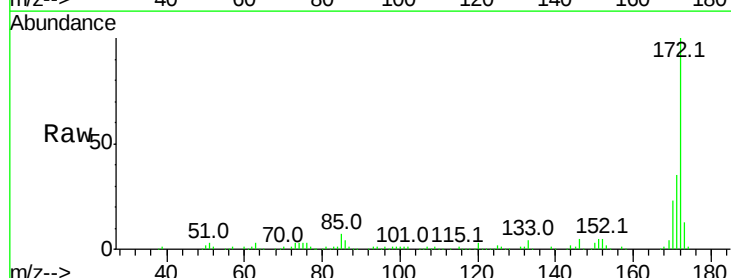
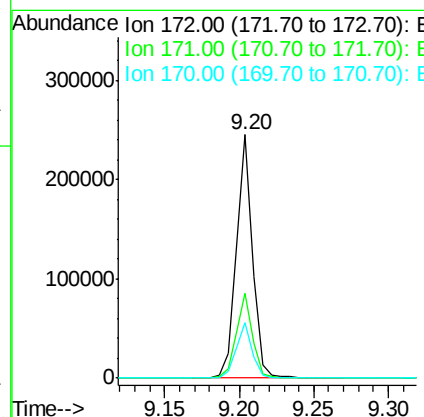
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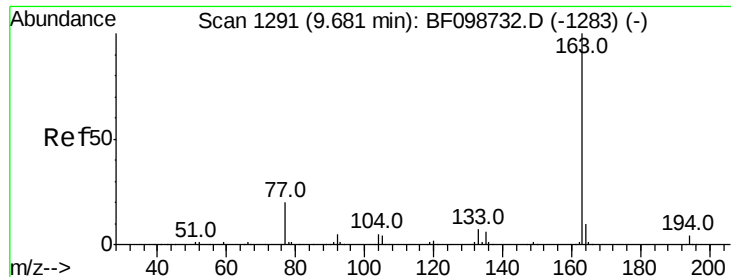
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#44
 2-Fluorobiphenyl
 Concen: 12.964 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	191001		
171	35.1		29.7	44.5
170	22.6		19.6	29.4





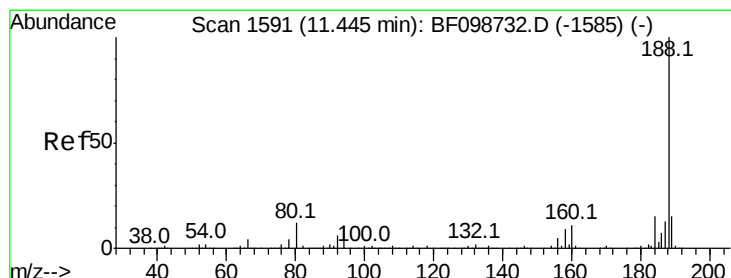
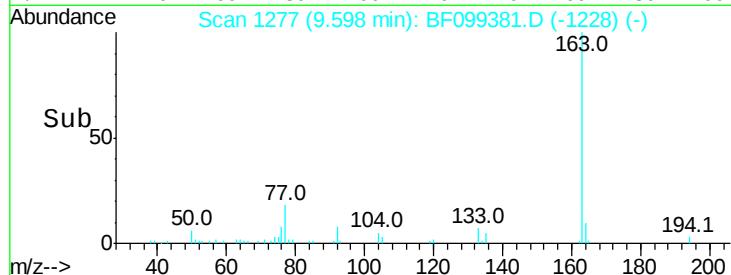
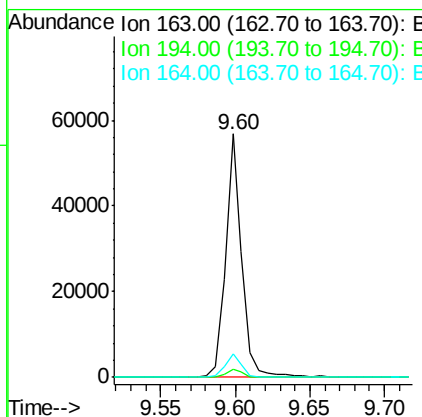
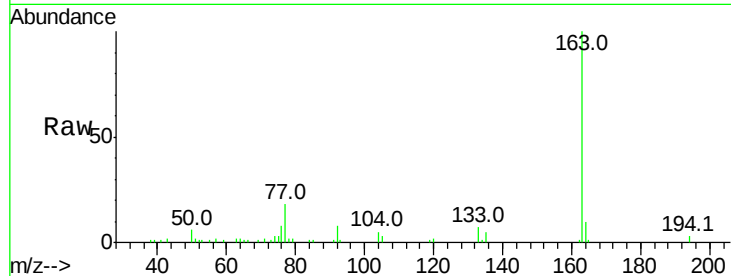
#49
 Dimethylphthalate
 Concen: 2.329 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 ClientSampled :
 LB-32(1.5-2)

Tot Ion:	163	Resp:	43233
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

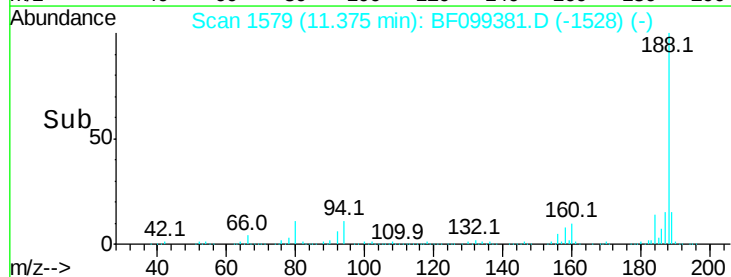
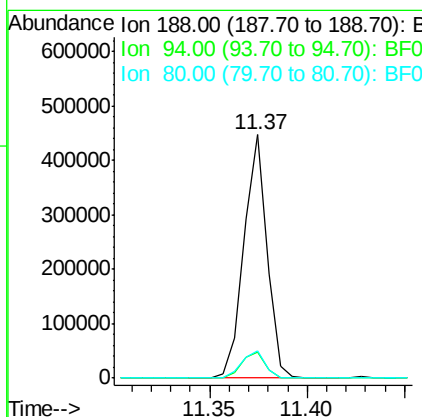
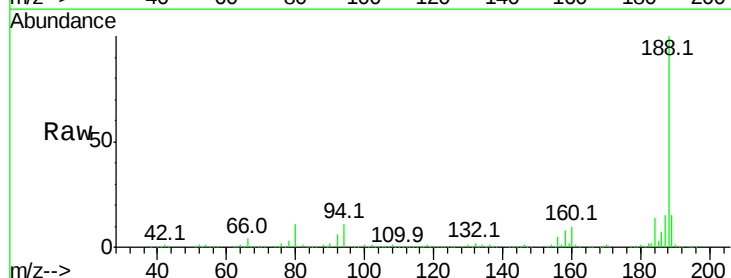
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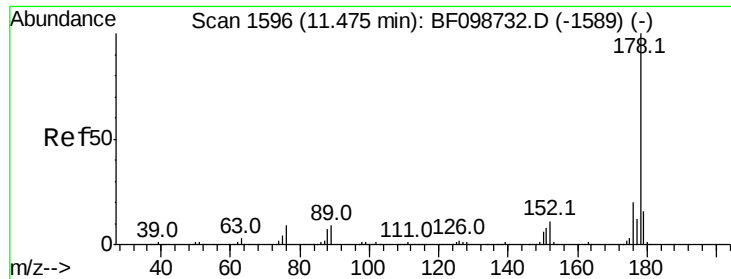
Sohil
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Tgt Ion:	188	Resp:	366006
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.0	9.2	13.8





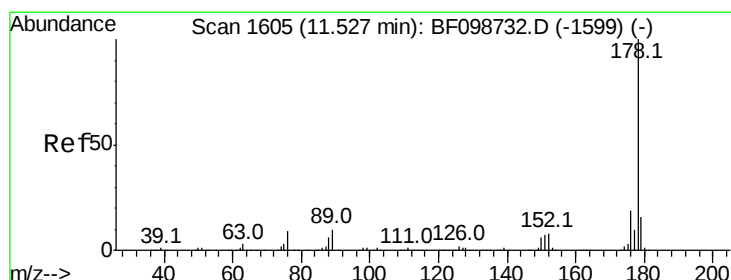
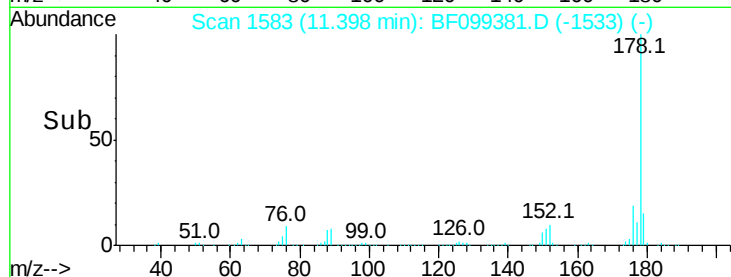
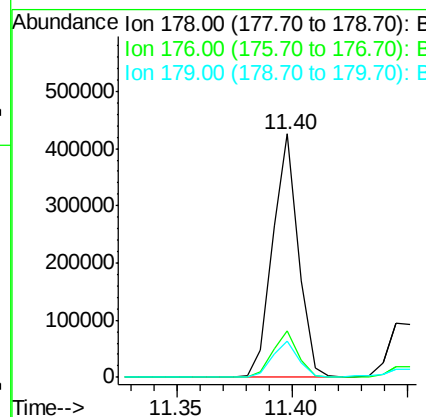
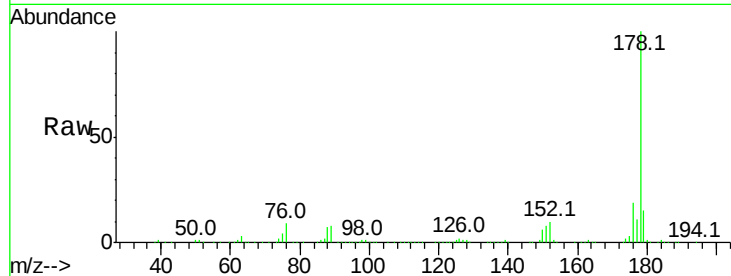
#70
Phenanthrene
Concen: 16.808 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6

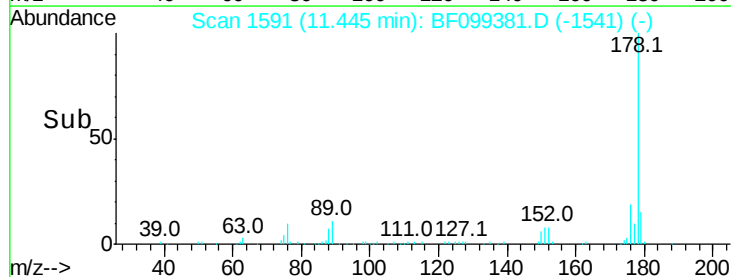
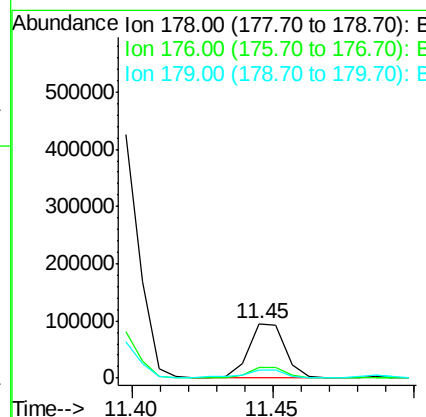
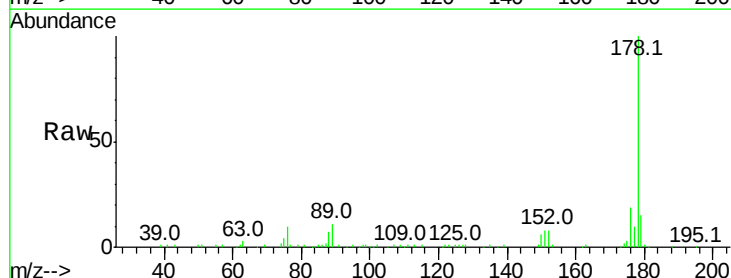
Manual Integrations
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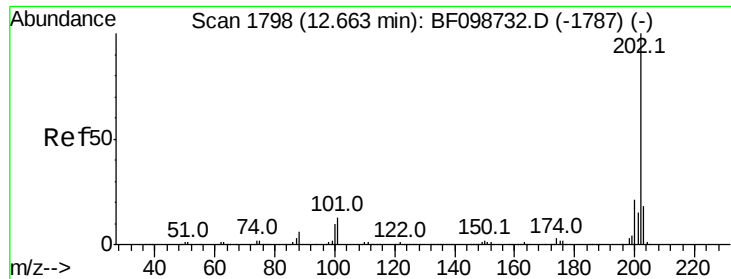
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#71
Anthracene
Concen: 4.239 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.9	12.6	19.0





#74

Fluoranthene

Concen: 18.860 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099381.D

Acq: 12 Oct 2017 9:08

Instrument :

BNA_F

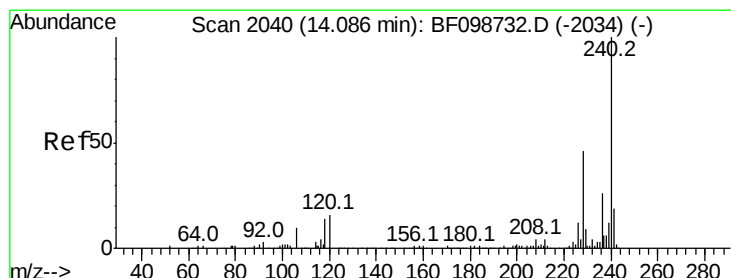
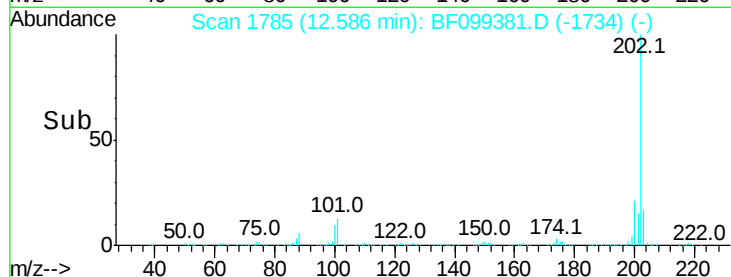
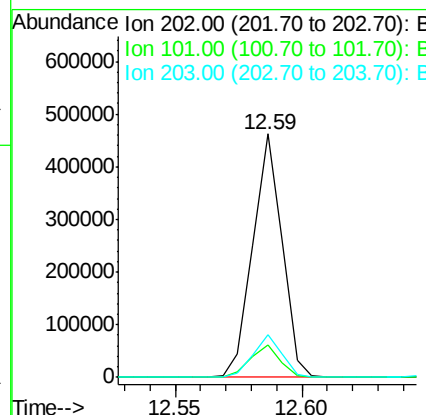
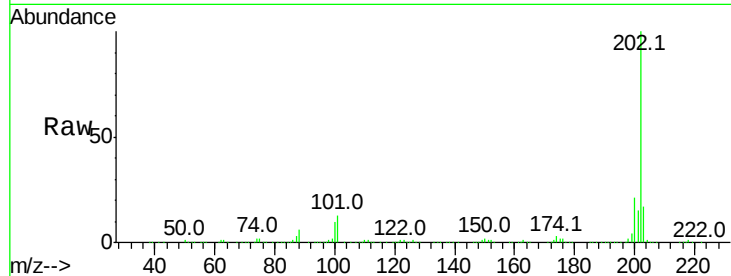
ClientSampleId :

LB-32(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	374156		
101	13.4	0.0	34.1	
203	17.3	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

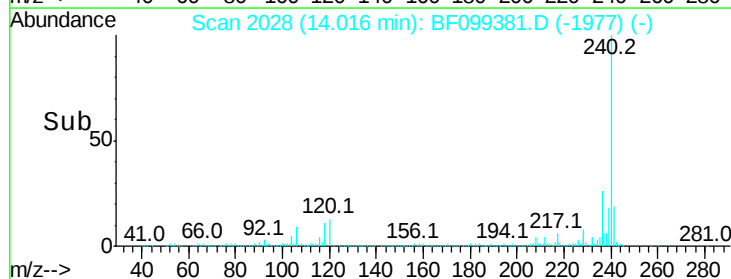
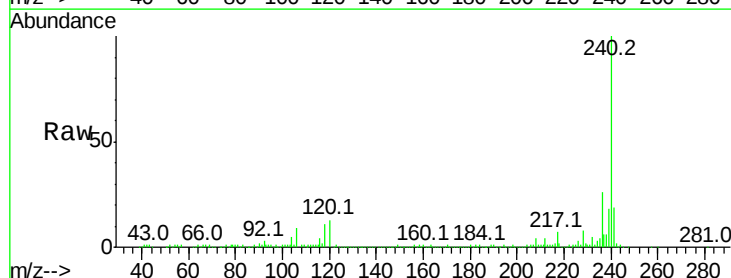
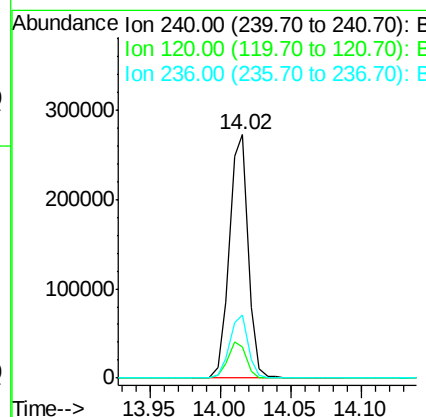
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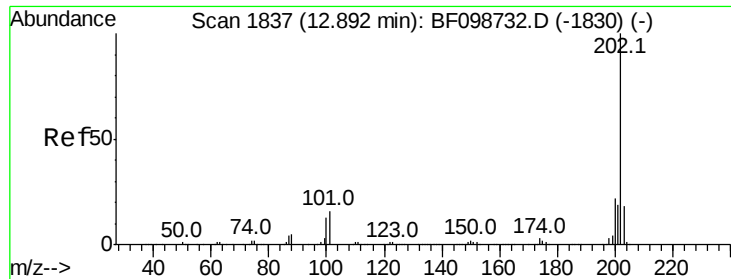
Delta R.T. 0.00 min

Lab File: BF099381.D

Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	252594		
120	12.7	9.5	14.3	
236	25.8	20.7	31.1	





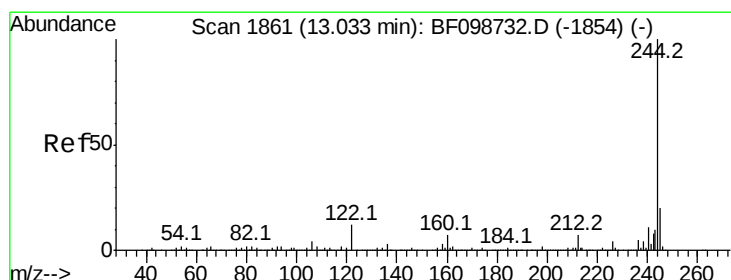
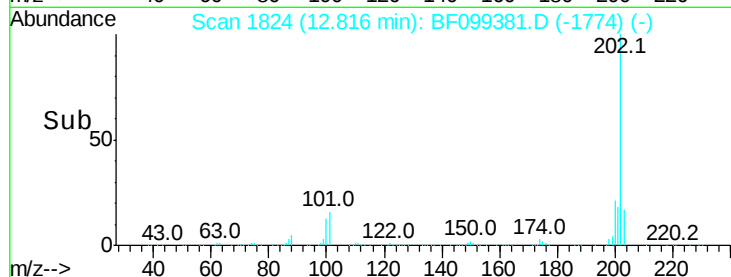
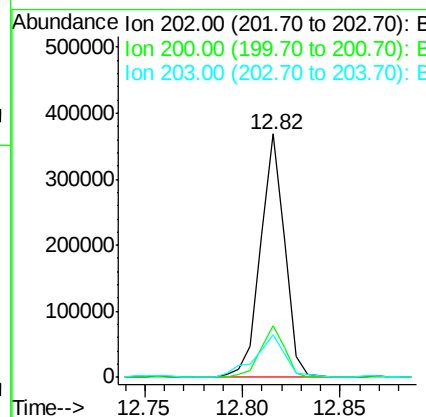
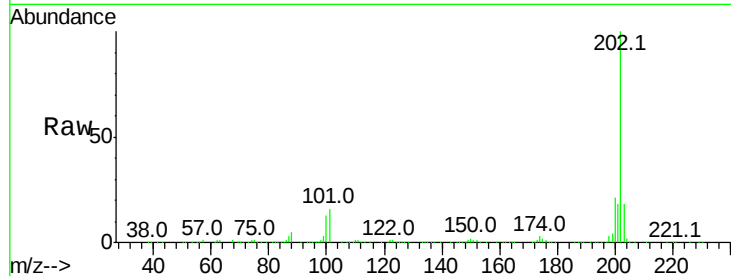
#77
Pvrene
Concen: 16.351 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampled :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

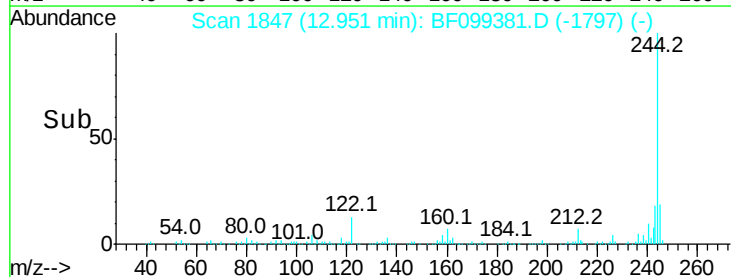
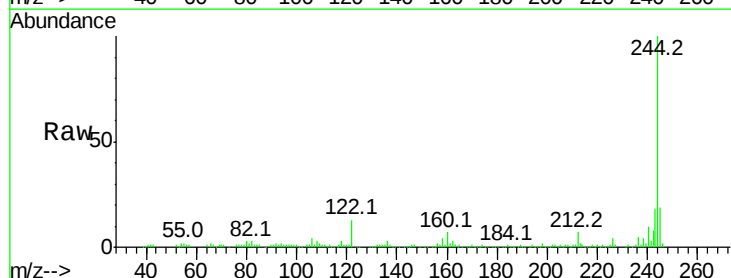
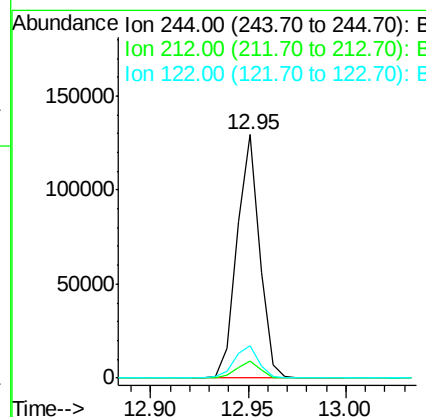
Manual Integrations
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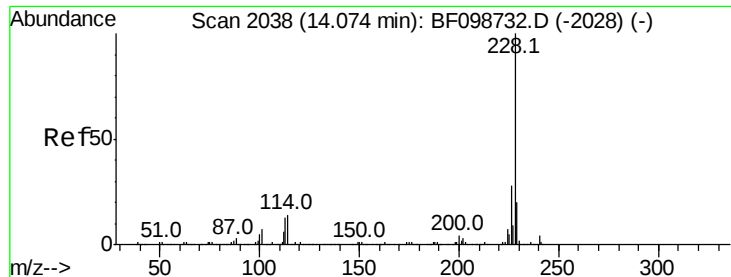
Sohil
10/14/2017 1:03:01 PM



#78
Terphenyl-d14
Concen: 9.376 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4





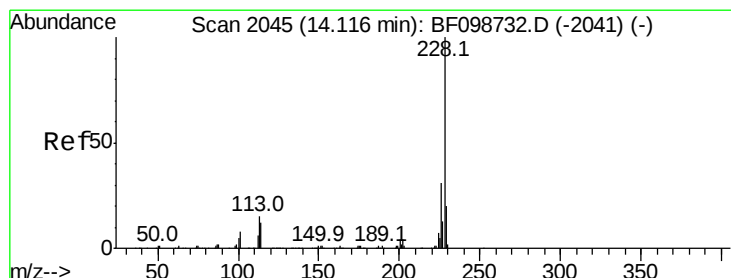
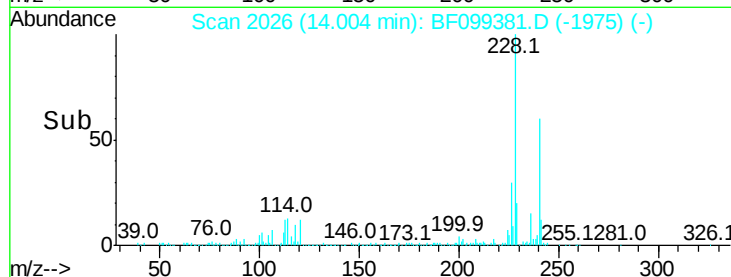
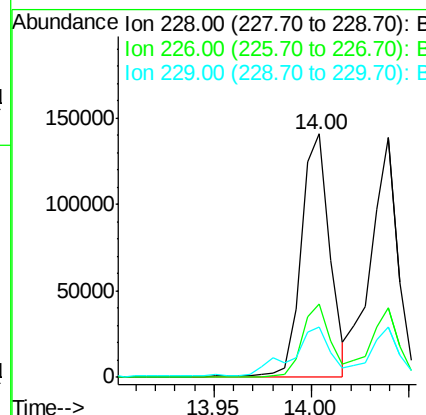
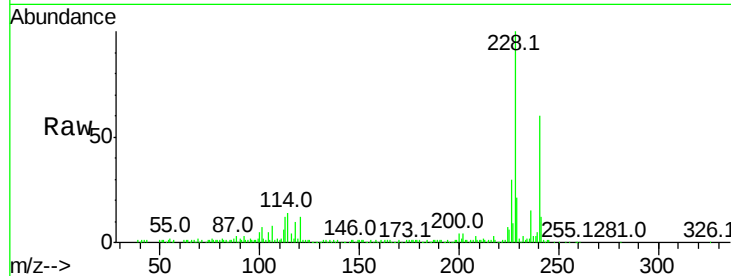
#80
Benzo(a)anthracene
Concen: 9.315 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampled :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.7	15.8	23.6

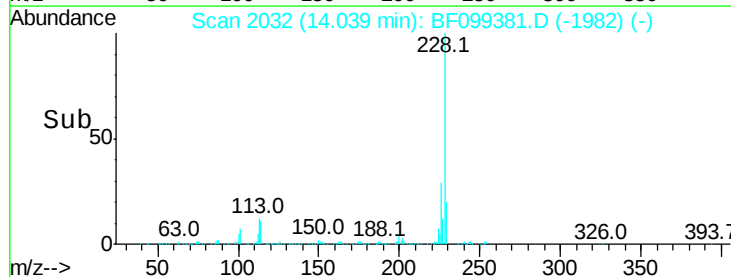
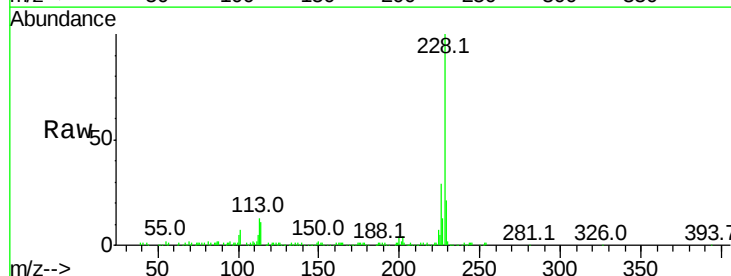
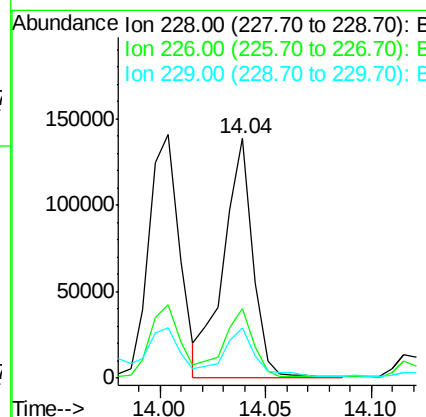
Manual Integrations
APPROVED

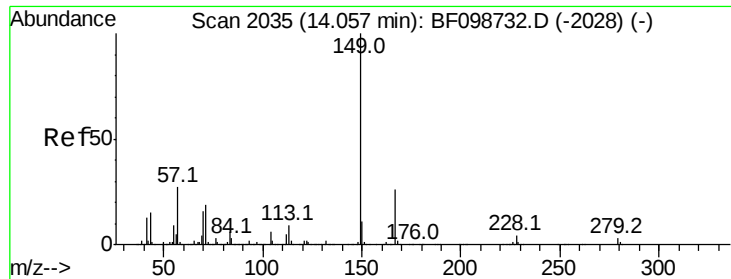
Sohil
10/14/2017 1:03:01 PM



#82
Chrysene
Concen: 9.063 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	21.2	16.2	24.4





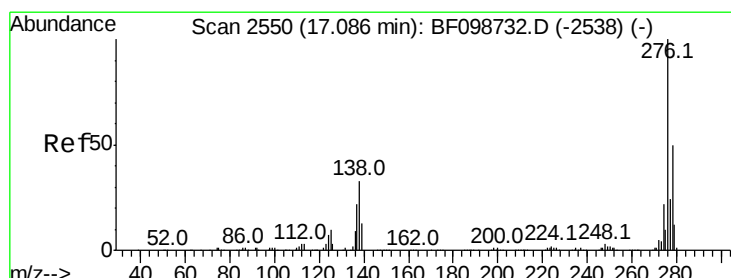
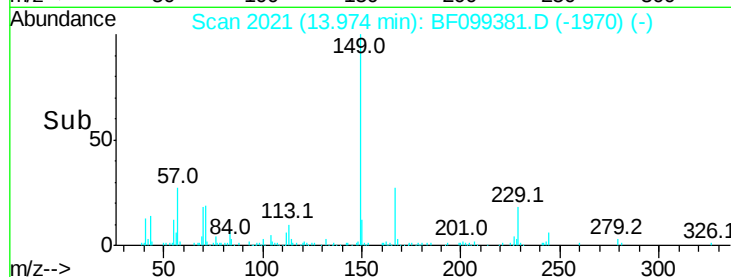
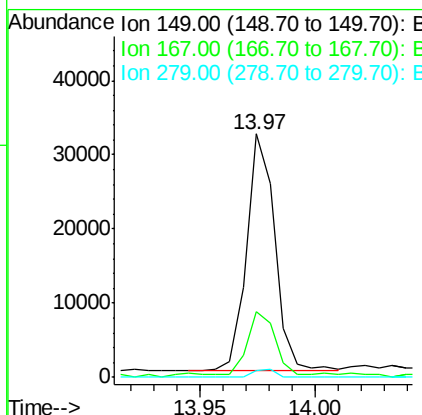
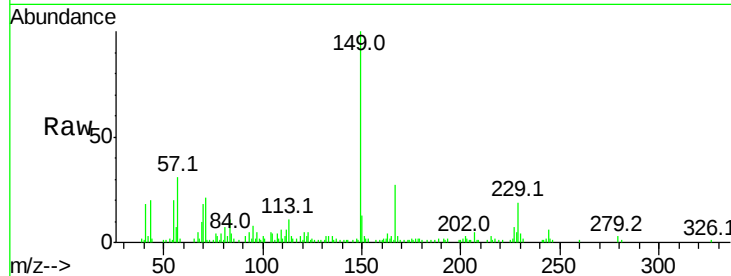
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.199 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 Client Sample Id :
 LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	2.7	3.0	4.4#

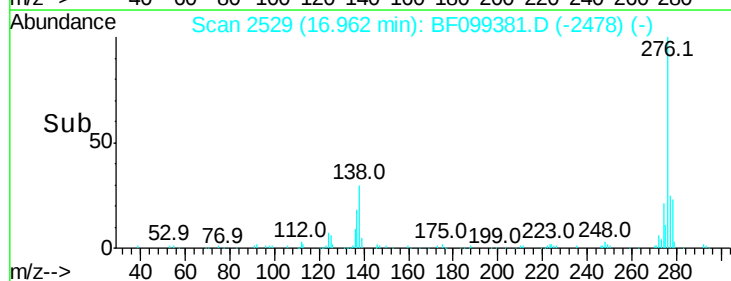
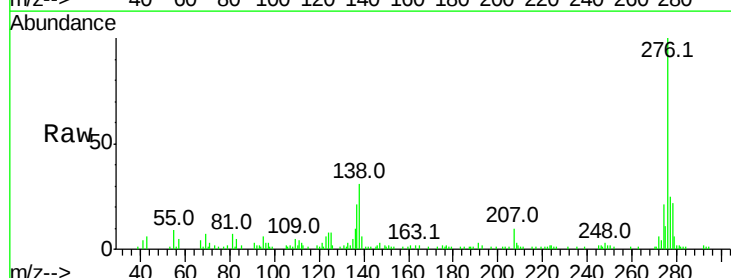
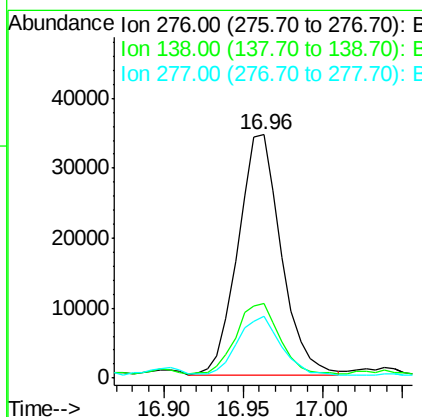
Manual Integrations
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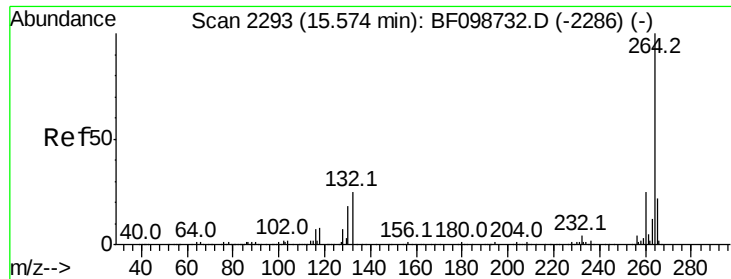
Sohil
 10/14/2017 1:03:01 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.562 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.9	20.1	30.1





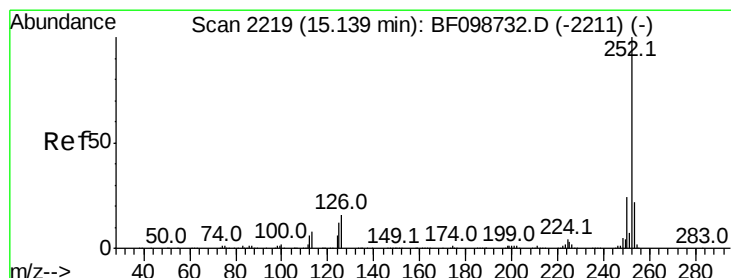
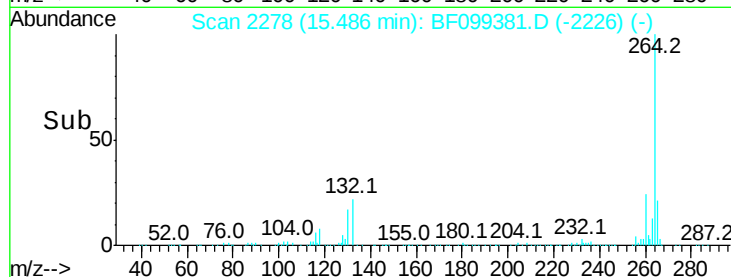
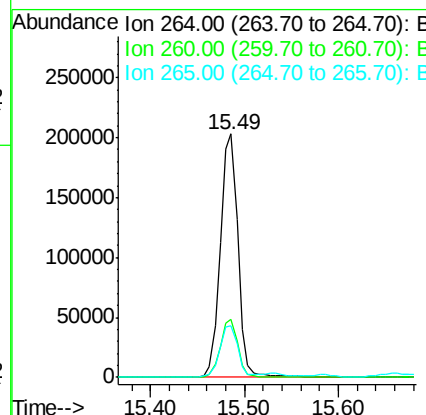
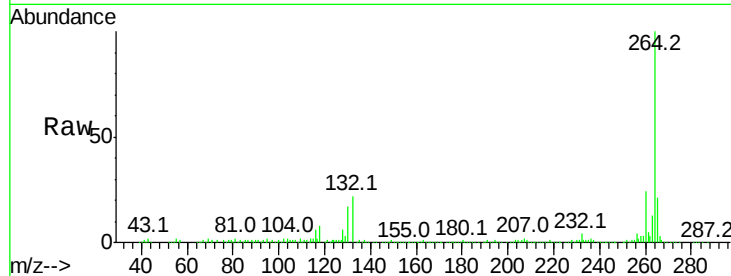
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

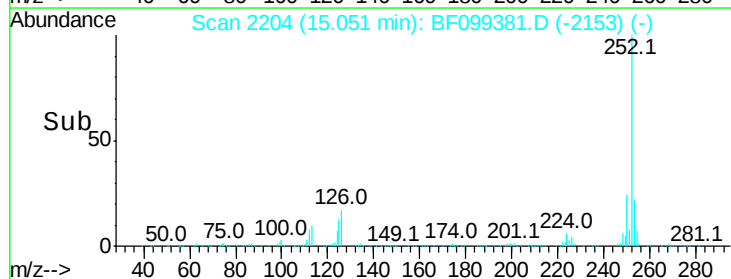
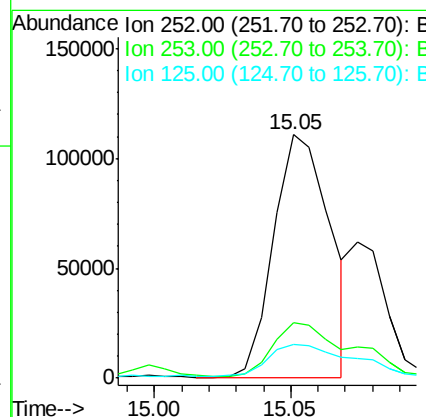
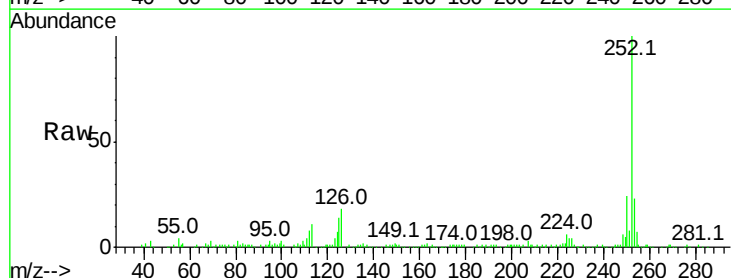
Manual Integrations
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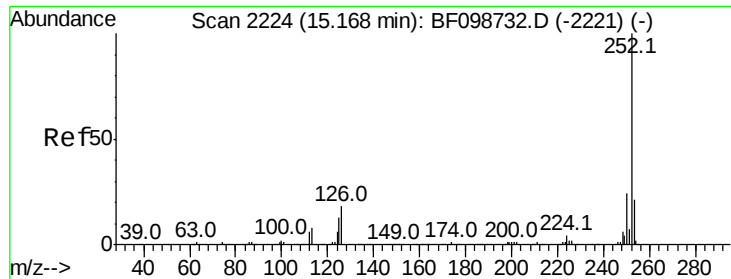
Sohil
10/14/2017 1:03:01 PM



#87
Benzo(b)fluoranthene
Concen: 9.711 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.1	9.0	13.6#





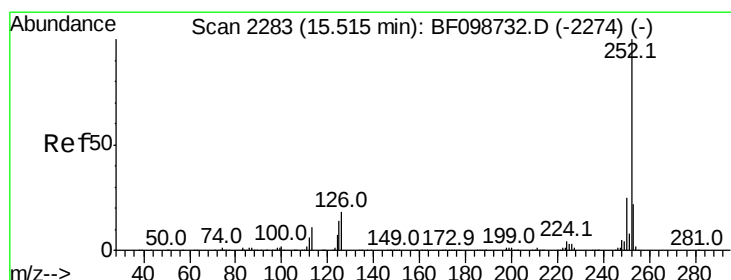
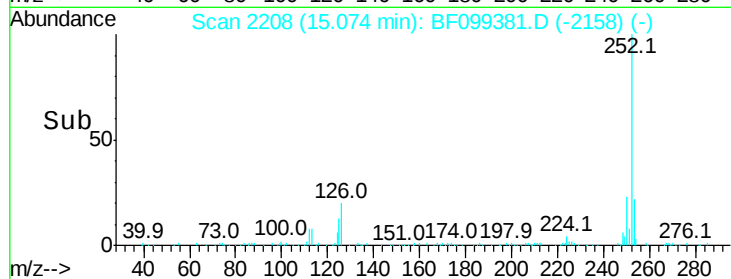
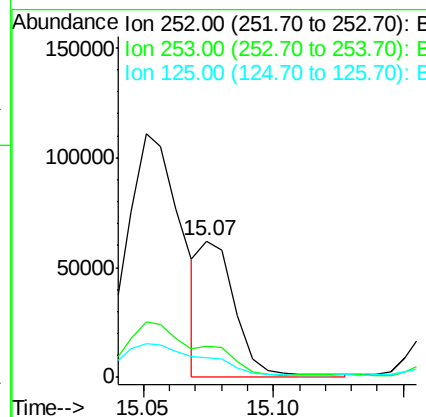
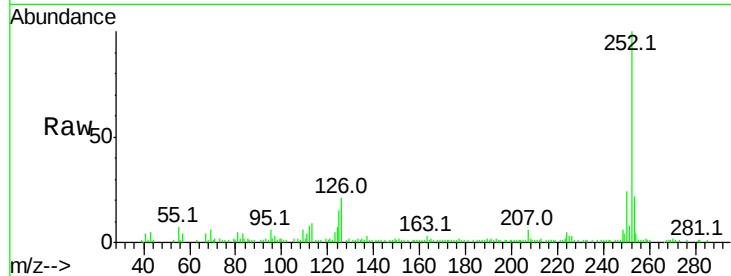
#88
Benzo(k)fluoranthene
Concen: 3.618 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampled :
LB-32(1.5-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	14.7	10.2	15.2

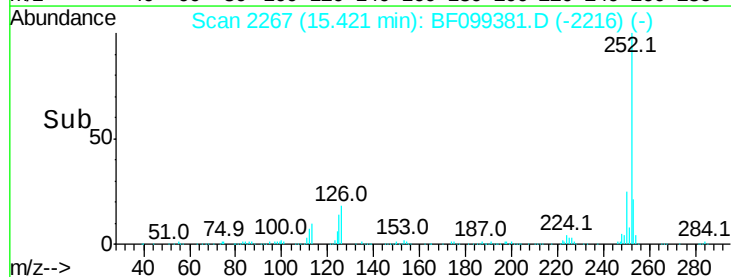
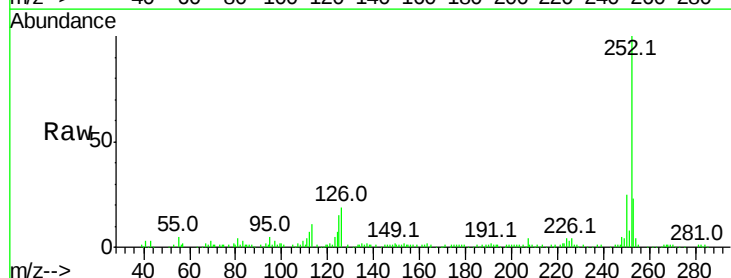
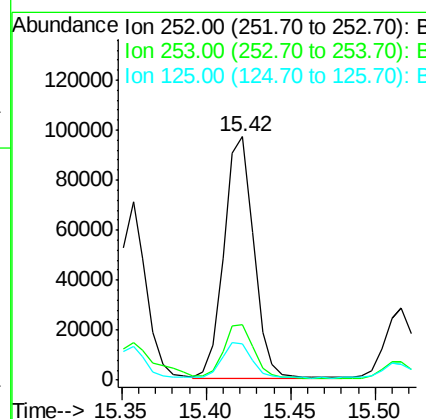
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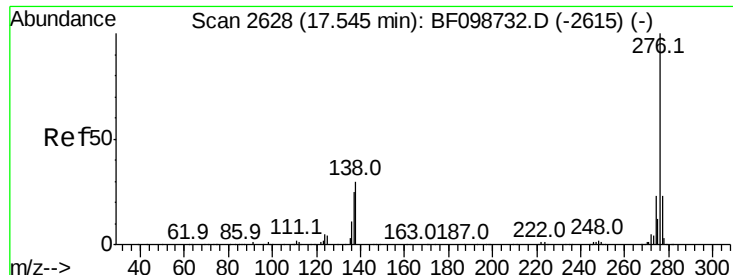
Sohil
10/14/2017 1:03:01 PM



#89
Benzo(a)pyrene
Concen: 7.905 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.8	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 5.232 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. 0.00 min
 Lab File: BF099381.D
 Acq: 12 Oct 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(1.5-2)

Tot Ion:	276	Resp:	62904
Ion Ratio	Lower	Upper	
276	100		
277	22.2	17.9	26.9
138	31.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/14/2017 1:03:01 PM

