

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
 Data File : BF078546.D
 Acq On : 15 Apr 2015 20:24
 Operator : TP/IZ
 Sample : G1787-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

Manual Integrations
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Quant Time: Apr 16 02:08:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 16 01:25:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	30290	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	118960	20.00	ng	-0.01
38) Acenaphthene-d10	10.44	164	61740	20.00	ng	0.00
63) Phenanthrene-d10	12.26	188	115854	20.00	ng	-0.01
75) Chrysene-d12	15.52	240	118766	20.00	ng	-0.01
86) Perylene-d12	17.22	264	125282	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	237366	129.21	ng	0.00
7) Phenol-d6	6.32	99	321555	139.66	ng	0.01
23) Nitrobenzene-d5	7.42	82	181915	92.69	ng	0.00
41) 2,4,6-Tribromophenol	11.43	330	72299	141.20	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	275733	63.84	ng	0.00
78) Terphenyl-d14	14.26	244	271251	51.61	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	8481	3.07	ng	# 63
49) Dimethylphthalate	10.16	163	19622	4.23	ng	98
70) Phenanthrene	12.30	178	83519	12.46	ng	99
71) Anthracene	12.35	178	16820m	2.55	ng	
74) Fluoranthene	13.76	202	121705	17.22	ng	91
77) Pyrene	14.03	202	111764	14.99	ng	# 96
80) Benzo(a)anthracene	15.51	228	92980	13.16	ng	97
82) Chrysene	15.55	228	71403	10.75	ng	97
83) Bis(2-ethylhexyl)phthalate	15.62	149	70355	15.79	ng	99
85) Indeno(1,2,3-cd)pyrene	18.42	276	123335m	16.37	ng	
87) Benzo(b)fluoranthene	16.79	252	174083m	22.48	ng	
88) Benzo(k)fluoranthene	16.81	252	38259m	5.56	ng	
89) Benzo(a)pyrene	17.15	252	138109	20.44	ng	# 91
90) Dibenzo(a,h)anthracene	18.45	278	31643m	4.68	ng	
91) Benzo(g,h,i)perylene	18.75	276	104655	15.43	ng	98

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

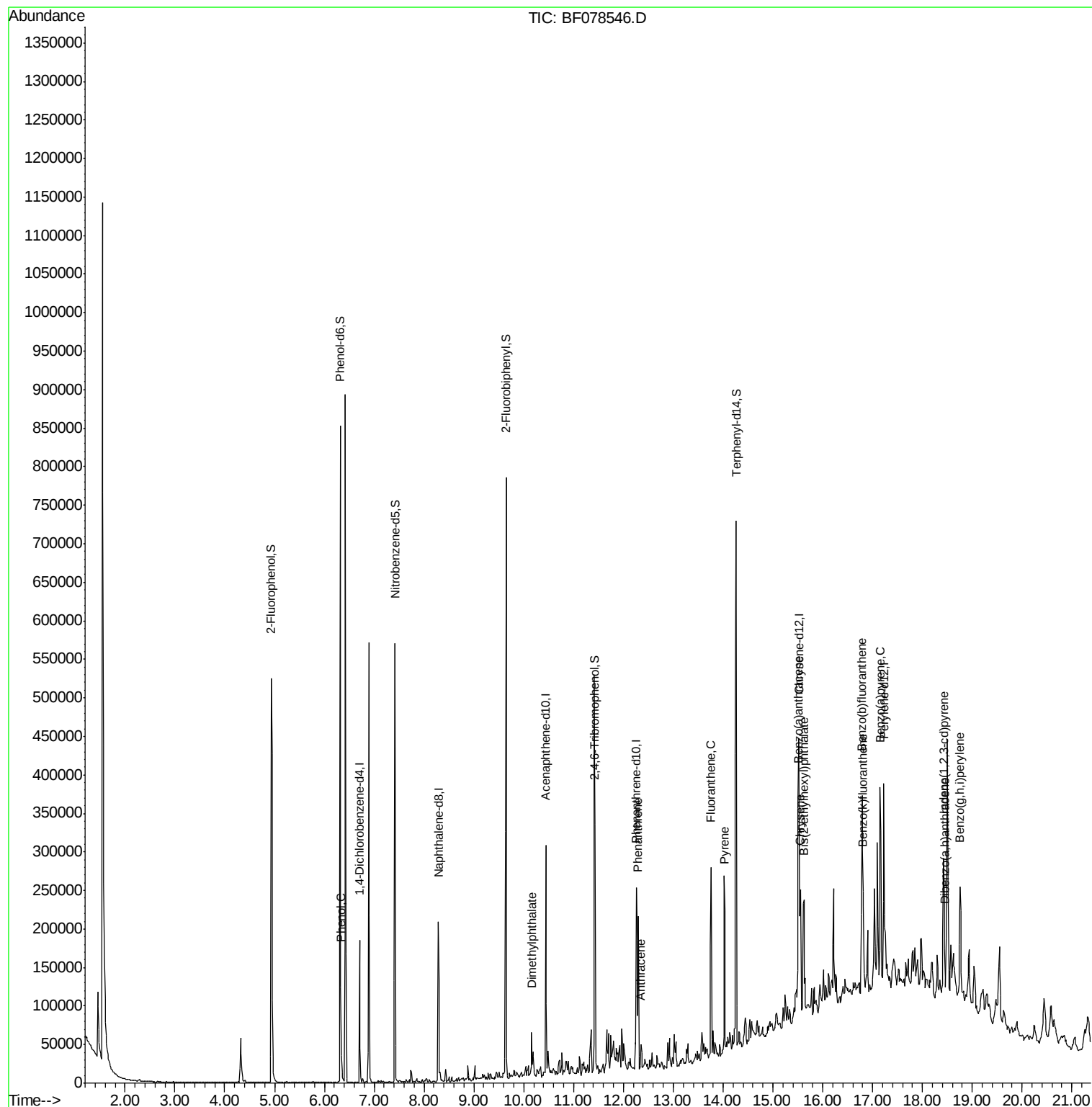
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041515\
Data File : BF078546.D
Acq On : 15 Apr 2015 20:24
Operator : TP/IZ
Sample : G1787-05RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

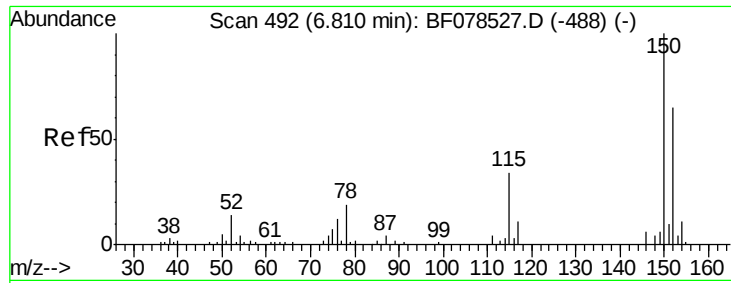
Instrument :
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LS-SD02BRE

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#1

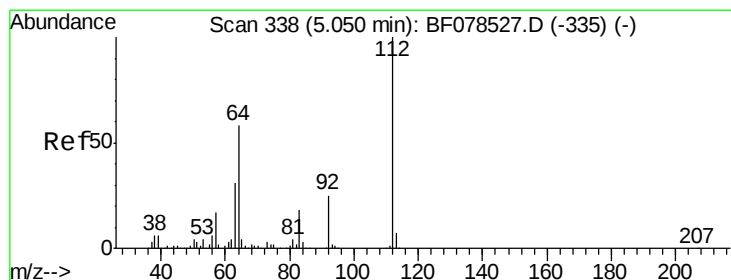
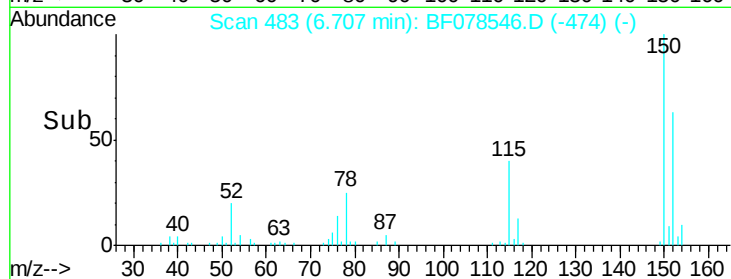
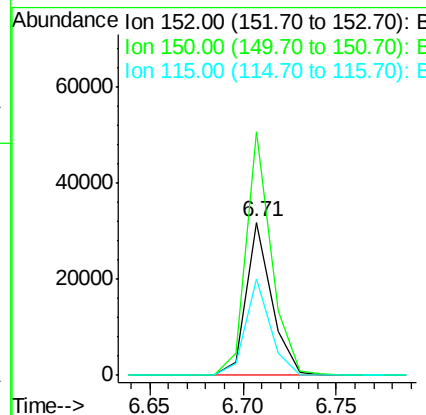
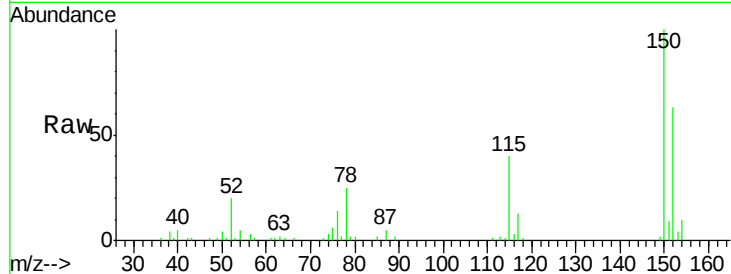
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.9	188.9
115	63.4	52.7	79.1

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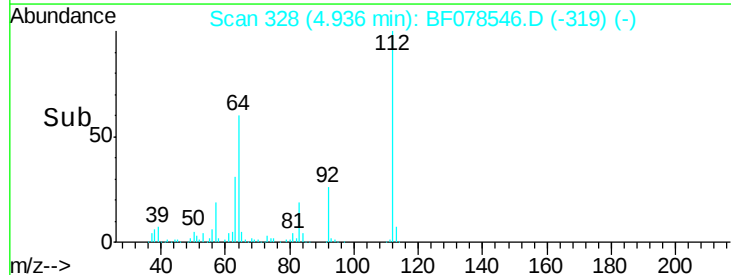
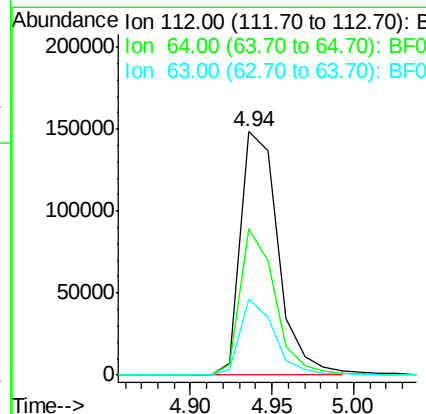
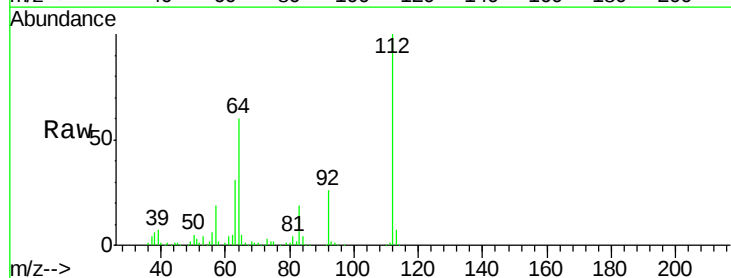
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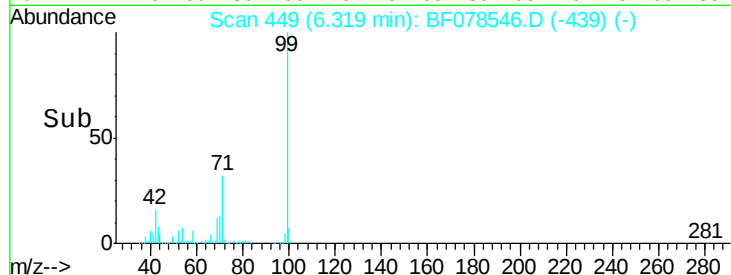
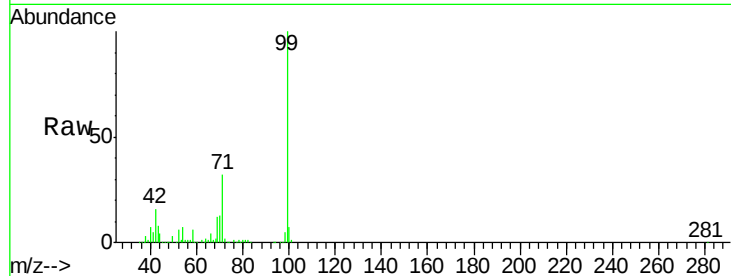
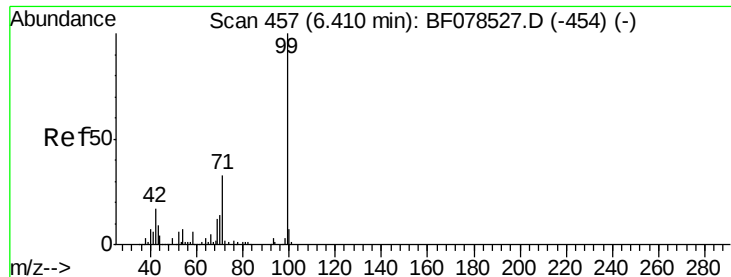


#5

2-Fluorophenol
Concen: 129.21 ng
RT: 4.94 min Scan# 328
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	39.9	59.9#
63	31.0	20.2	30.4#





#7

Phenol-d6

Concen: 139.66 ng

RT: 6.32 min Scan# 449

Delta R.T. 0.01 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion:	99	Resp:	321555
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.8	22.2
71	31.8	26.6	39.8

Instrument :

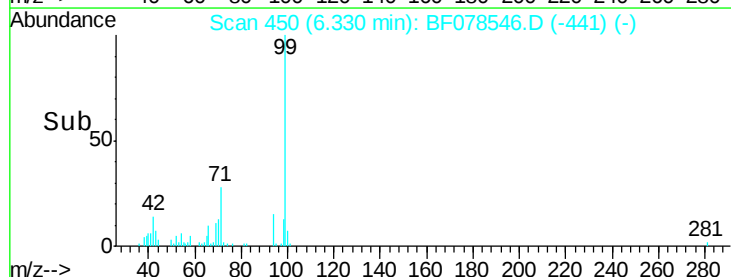
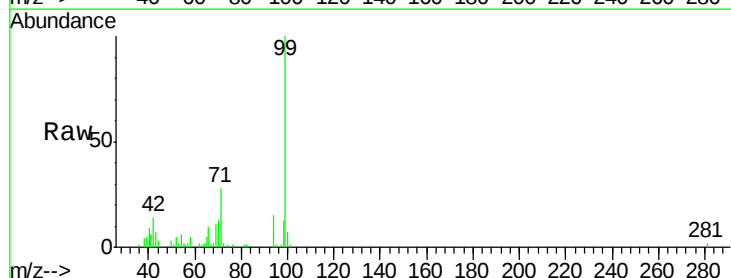
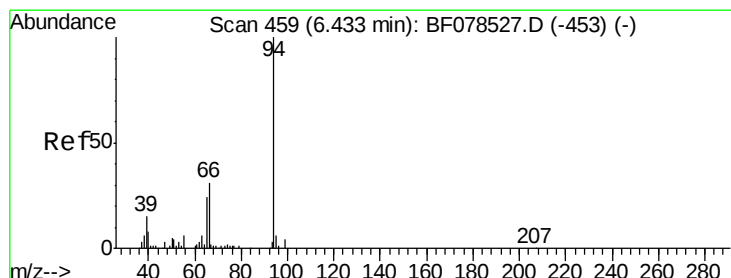
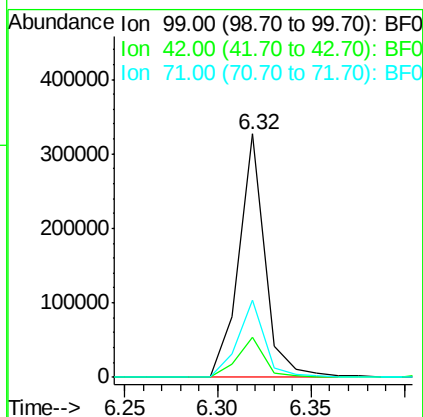
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.07 ng

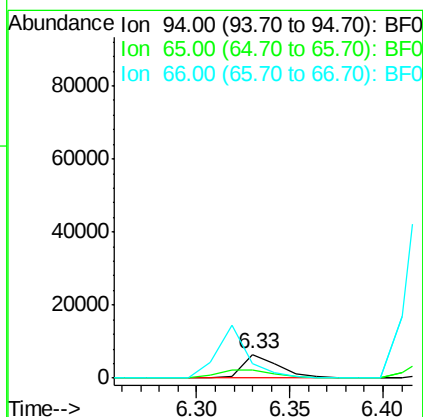
RT: 6.33 min Scan# 450

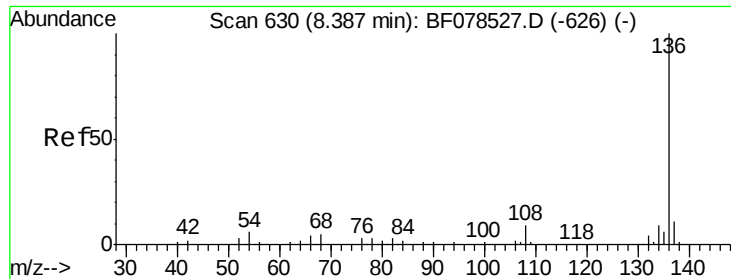
Delta R.T. -0.00 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion:	94	Resp:	8481
Ion Ratio	Lower	Upper	
94	100		
65	33.0	4.9	44.9
66	63.3	13.8	53.8#





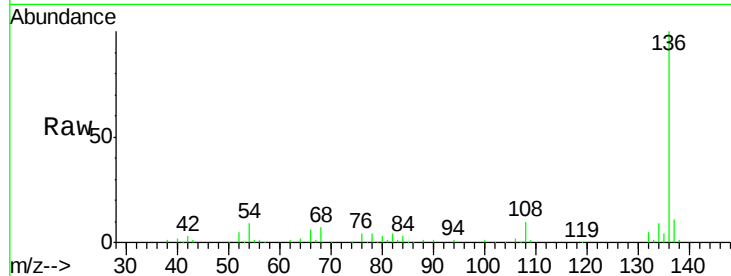
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

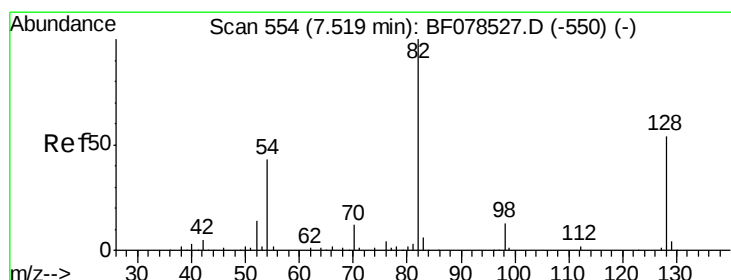
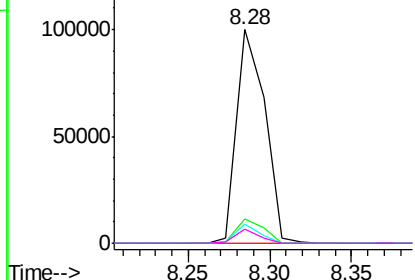
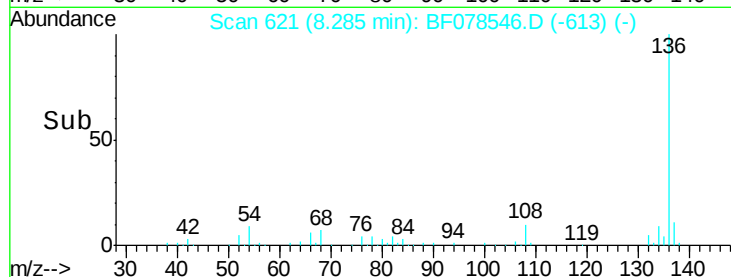
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	118960		
137	11.3	9.0	13.4	
54	8.8	7.0	10.6	
68	6.8	5.4	8.2	

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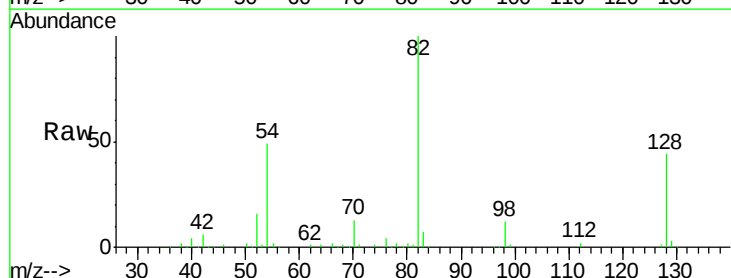


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

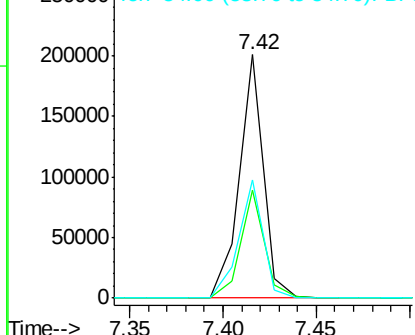
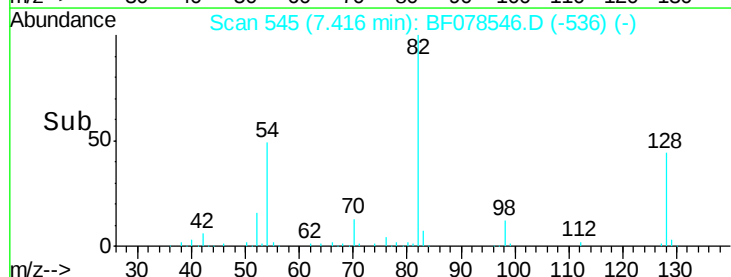


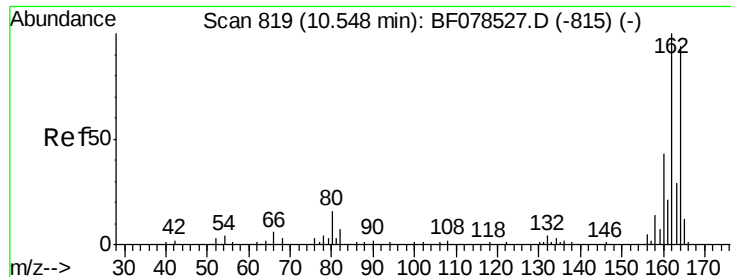
#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	181915		
128	44.2	31.8	47.8	
54	48.5	41.5	62.3	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





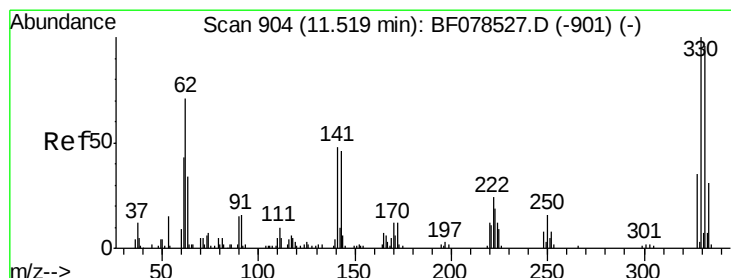
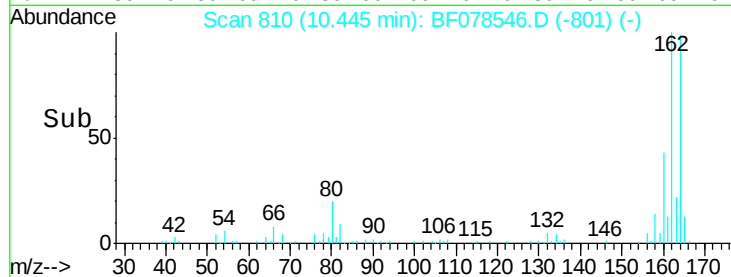
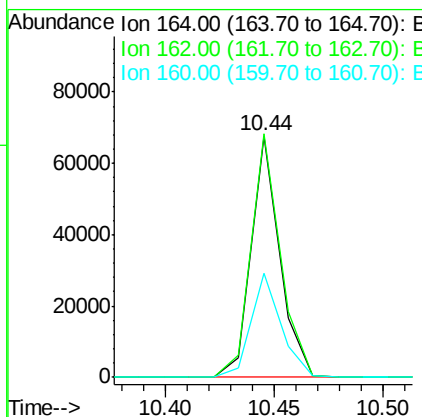
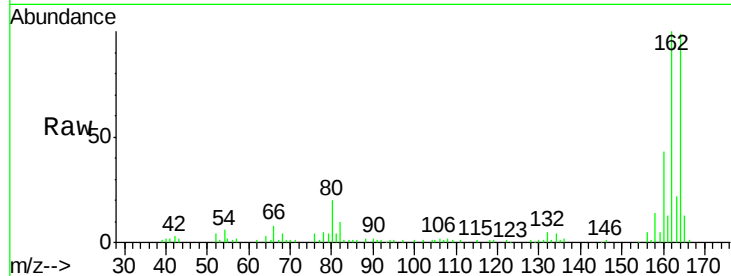
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61740		
162	100.9	82.2	123.2	
160	43.1	34.7	52.1	

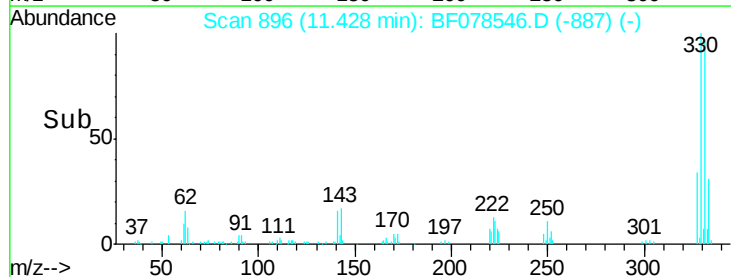
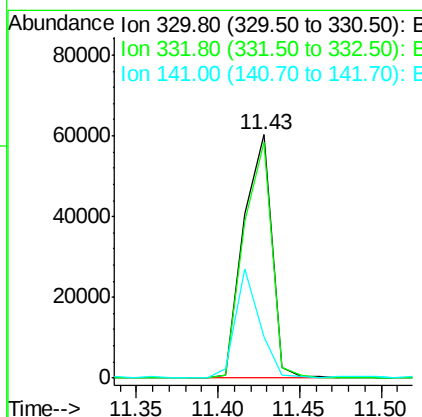
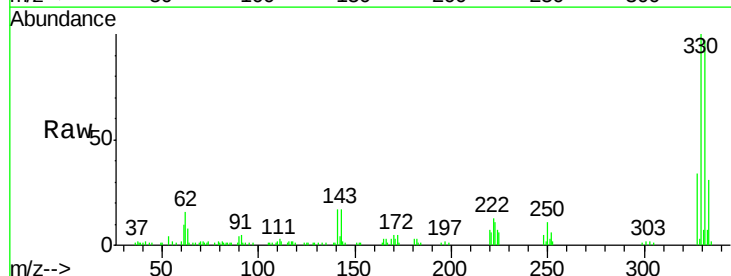
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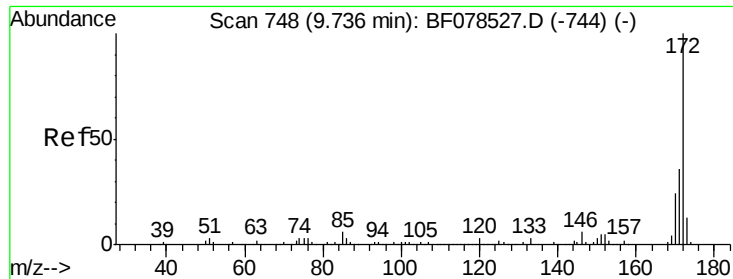
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#41
2,4,6-Tribromophenol
Concen: 141.20 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	72299		
332	95.9	78.6	117.8	
141	38.7	31.2	46.8	





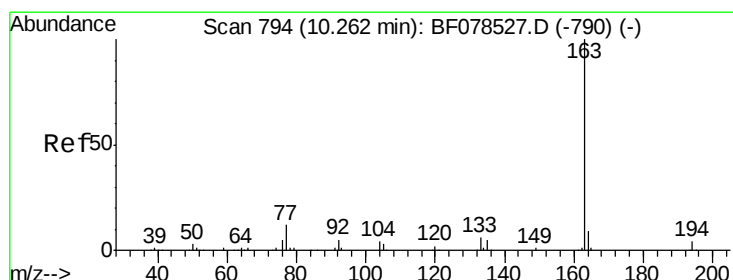
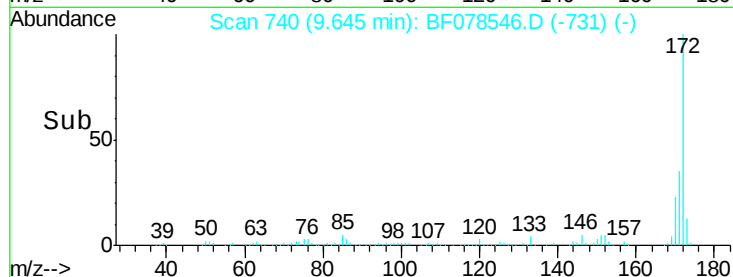
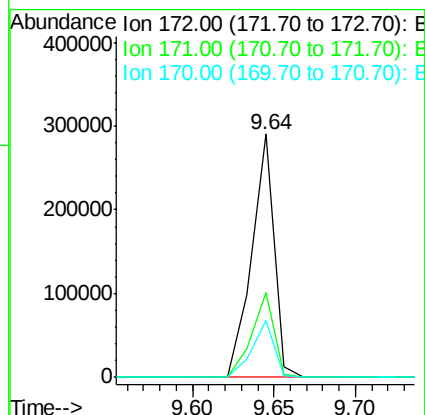
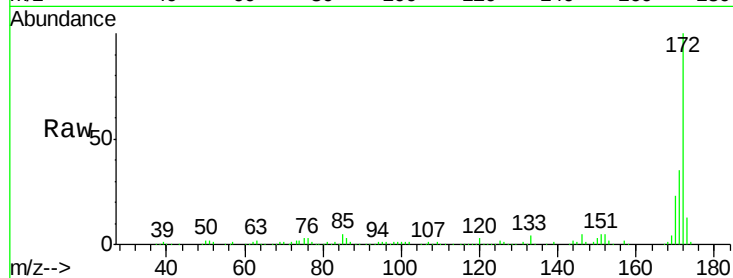
#44
 2-Fluorobiphenyl
 Concen: 63.84 ng
 RT: 9.64 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.1	28.6	42.8
170	23.5	18.5	27.7

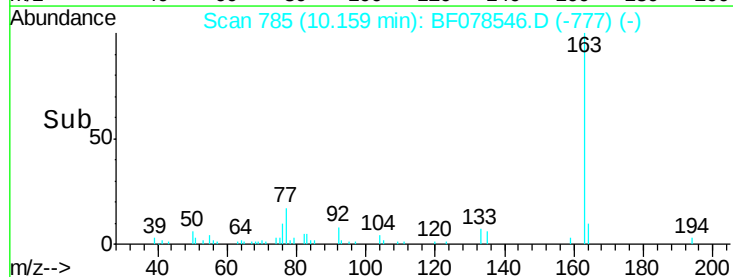
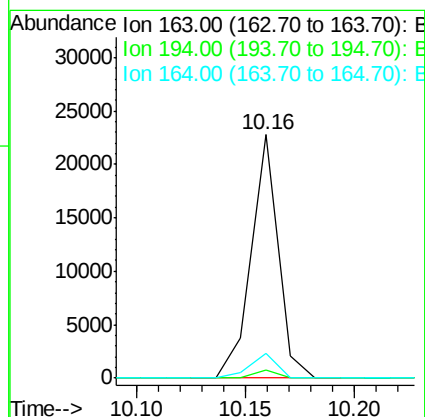
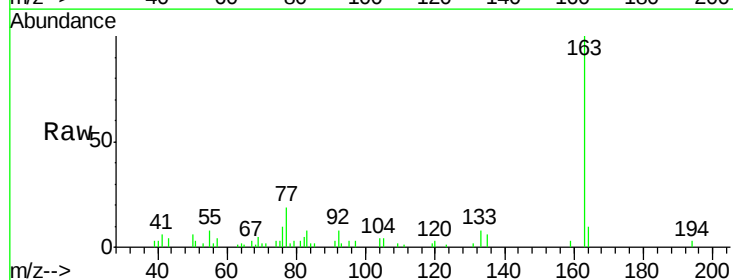
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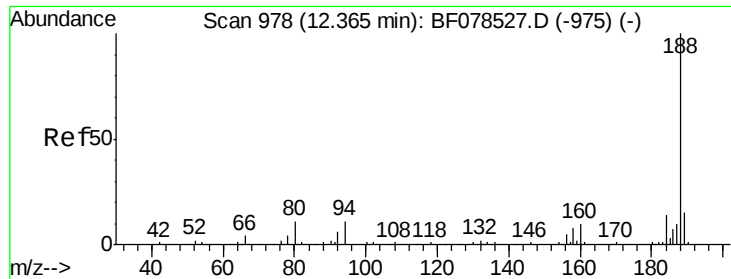
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#49
 Dimethylphthalate
 Concen: 4.23 ng
 RT: 10.16 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.3	3.5
164	9.9	8.6	13.0





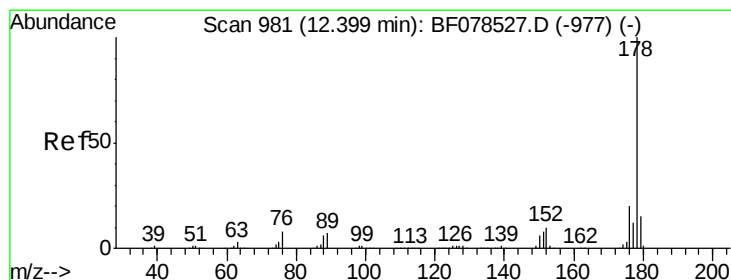
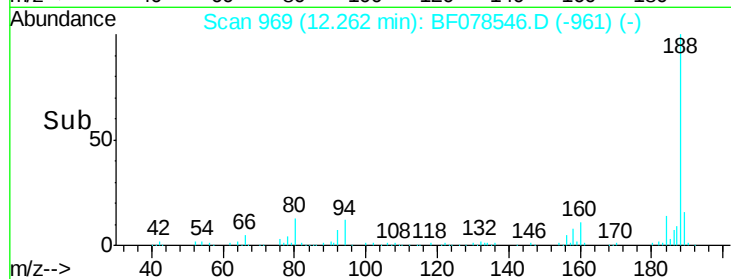
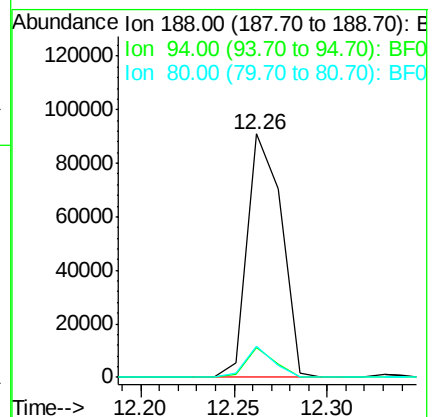
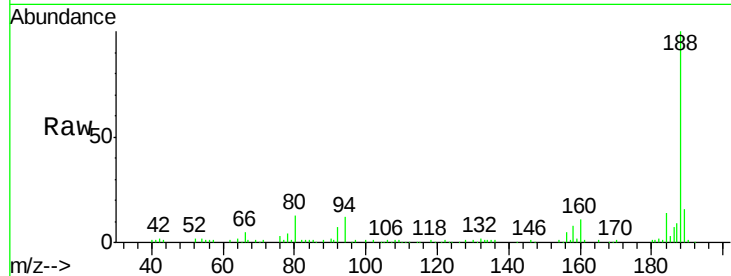
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.0	13.4
80	13.0	9.5	14.3

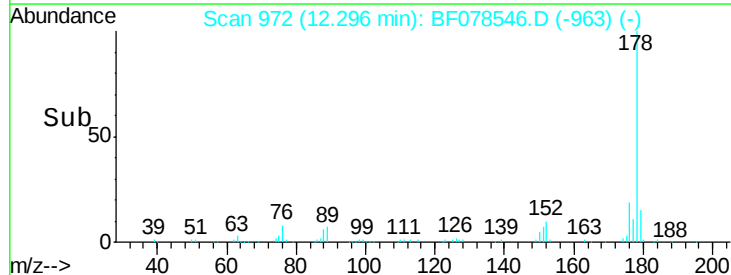
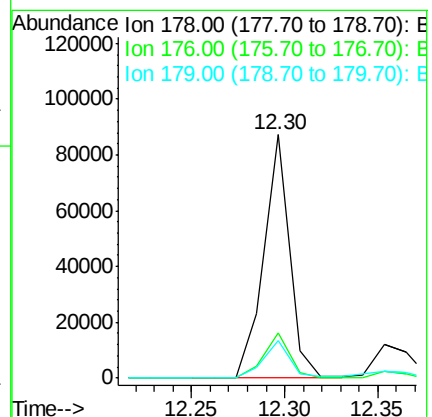
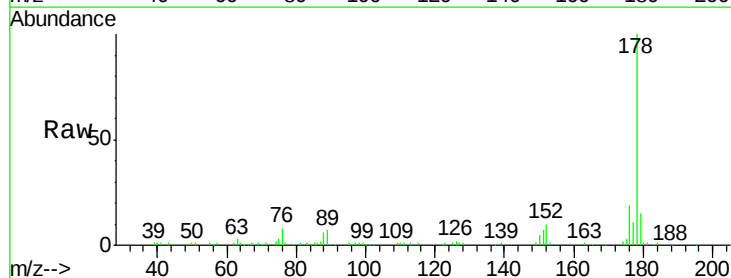
Manual Integrations
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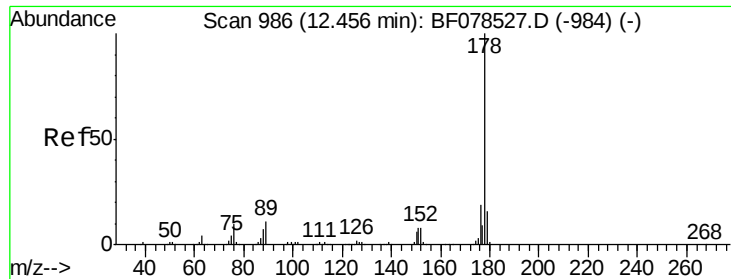
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#70
Phenanthrene
Concen: 12.46 ng
RT: 12.30 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.4	23.0
179	15.3	12.2	18.2





#71

Anthracene

Concen: 2.55 ng m

RT: 12.35 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

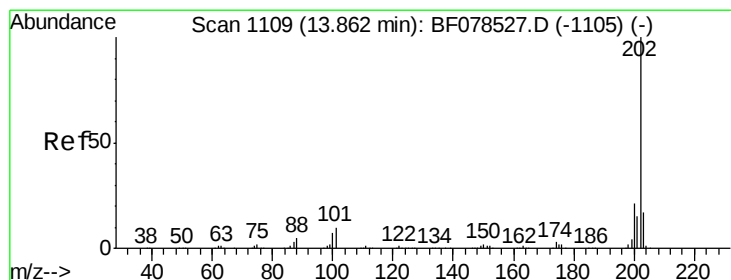
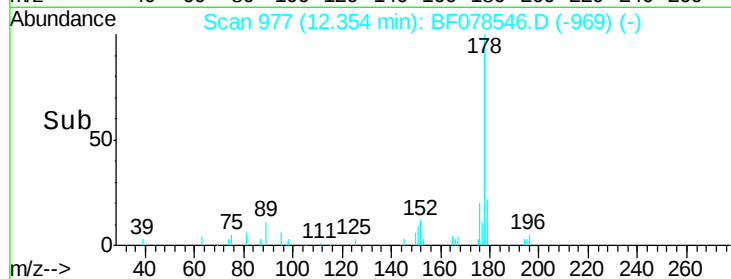
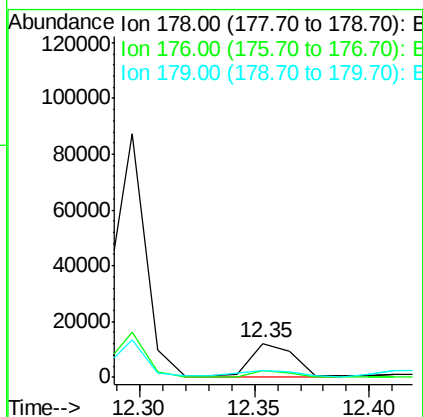
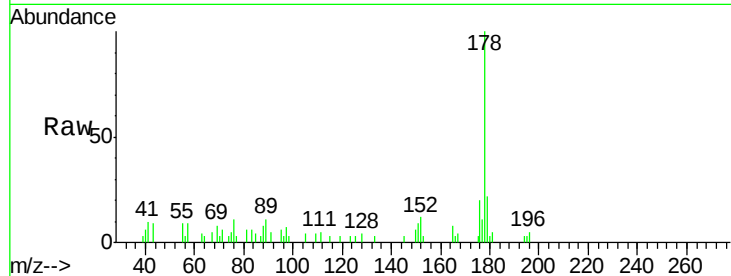
ClientSampleId :

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Tgt Ion:	178	Resp:	16820
Ion Ratio	Lower	Upper	
178	100		
176	20.2	14.8	22.2
179	21.7	12.4	18.6

Manual Integrations
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#74

Fluoranthene

Concen: 17.22 ng

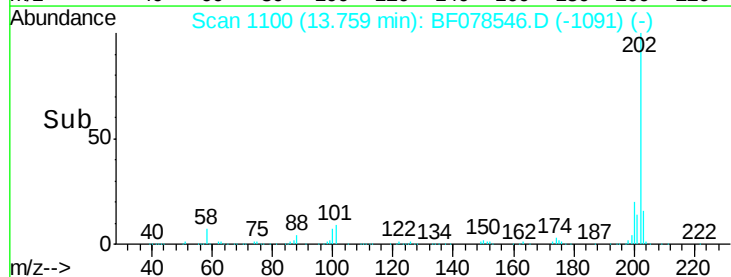
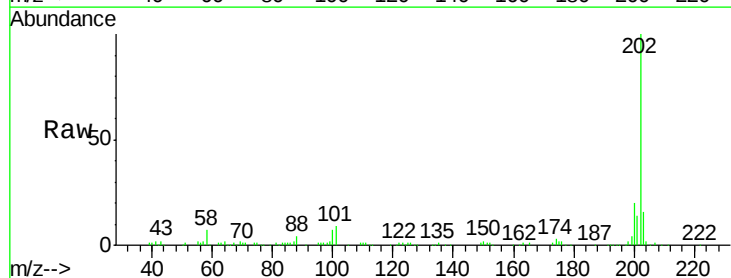
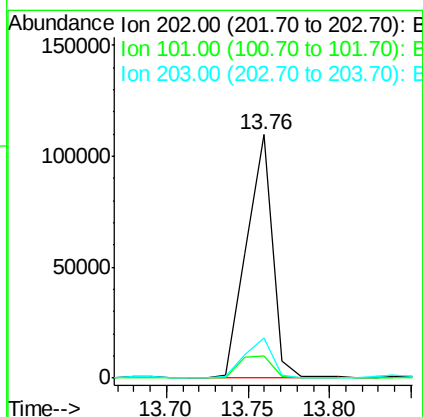
RT: 13.76 min Scan# 1100

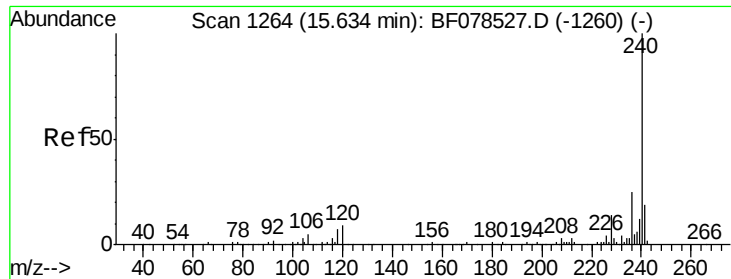
Delta R.T. -0.00 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion:	202	Resp:	121705
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	35.2
203	16.5	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

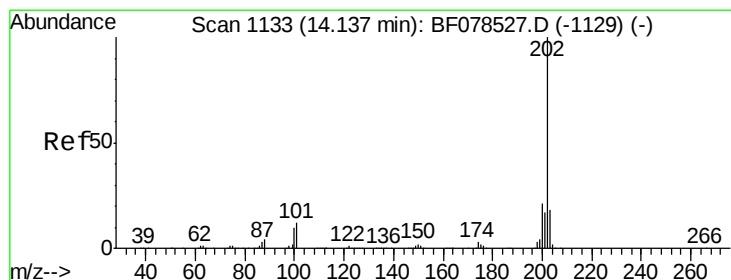
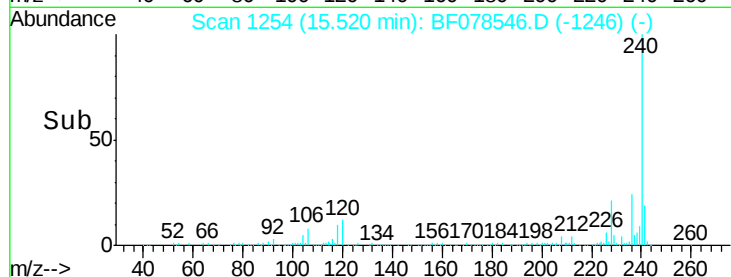
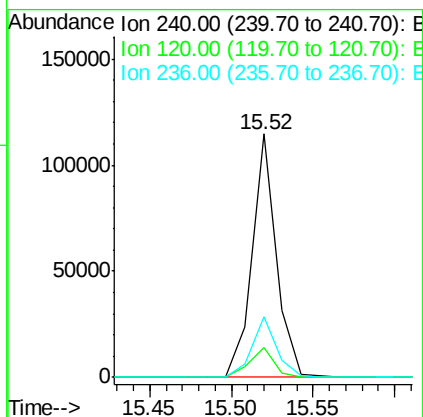
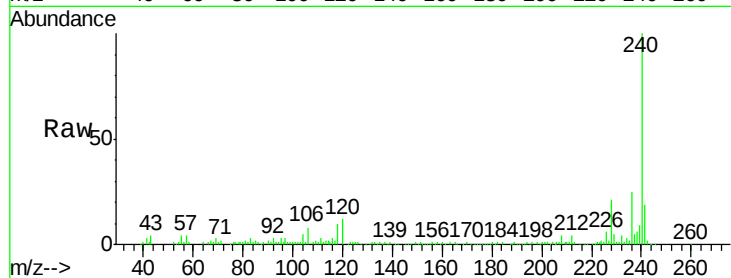
ClientSampleId :

LS-SD02BRE

Tgt Ion:	240	Resp:	118766
Ion Ratio		Lower	Upper
240	100		
120	12.2	7.1	10.7#
236	24.7	21.4	32.2

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#77

Pyrene

Concen: 14.99 ng

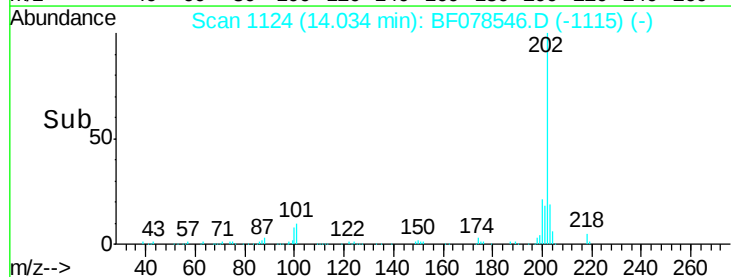
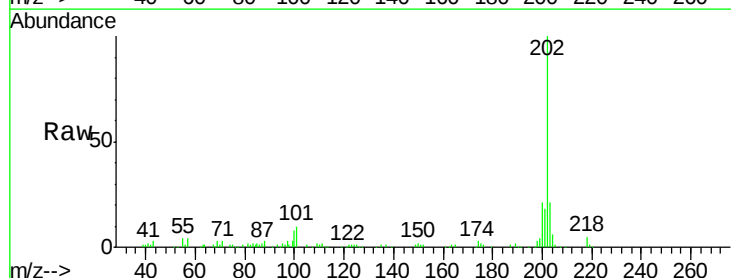
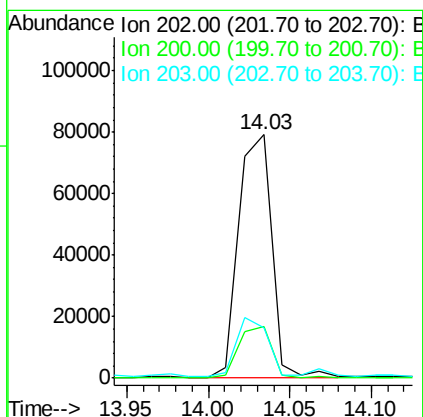
RT: 14.03 min Scan# 1124

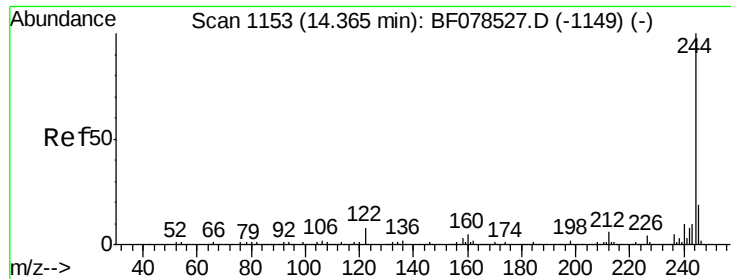
Delta R.T. -0.00 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion:	202	Resp:	111764
Ion Ratio		Lower	Upper
202	100		
200	21.0	16.3	24.5
203	20.7	13.8	20.6#





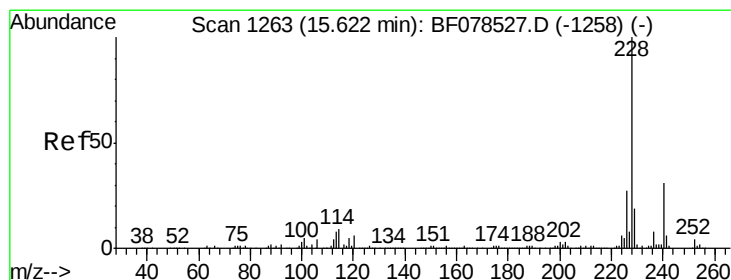
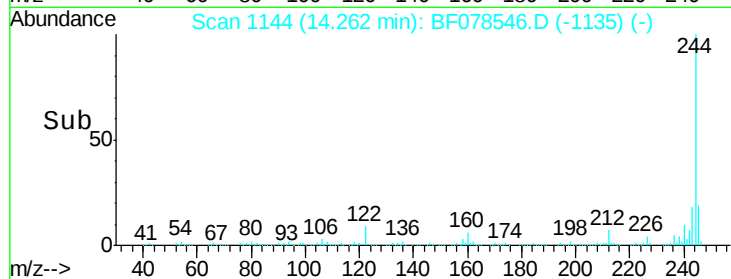
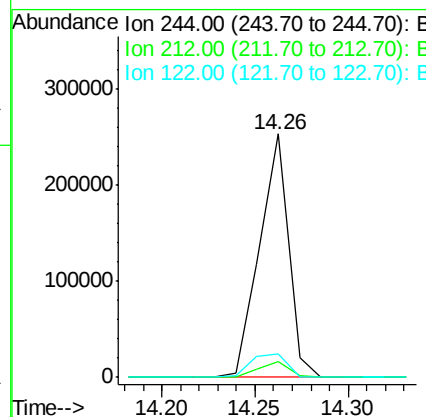
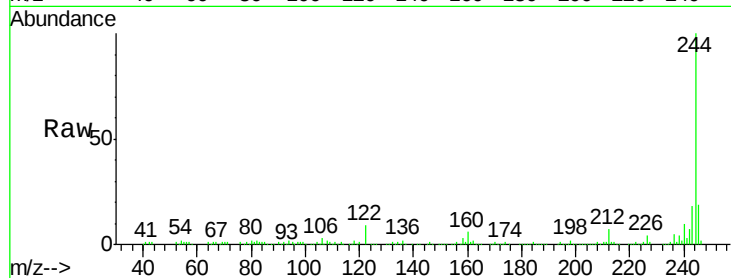
#78
 Terphenyl-d14
 Concen: 51.61 ng
 RT: 14.26 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.0	7.4
122	9.5	7.1	10.7

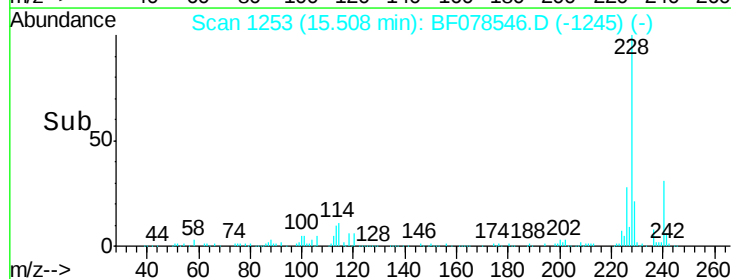
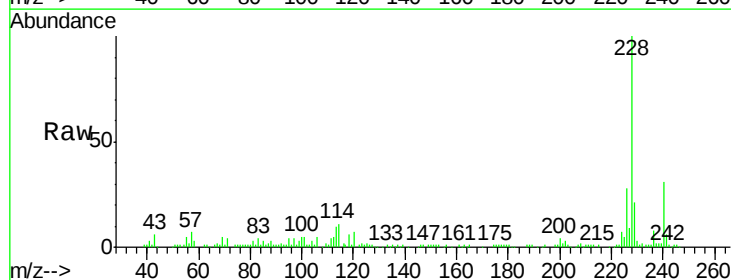
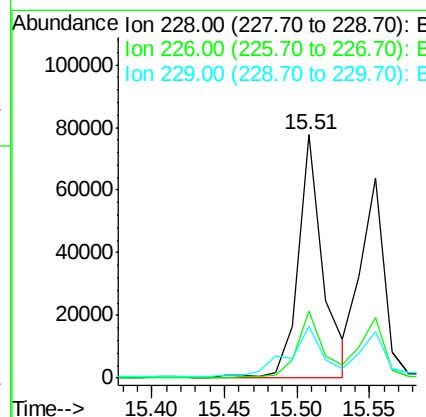
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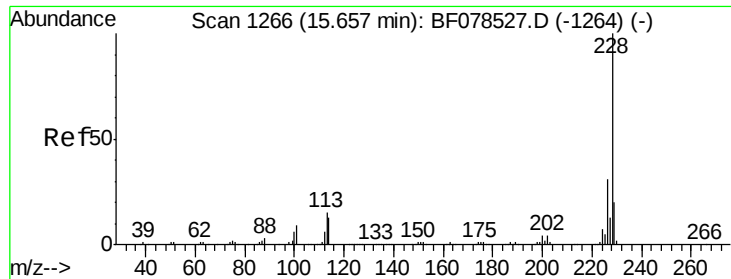
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#80
 Benzo(a)anthracene
 Concen: 13.16 ng
 RT: 15.51 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	21.3	31.9
229	21.2	15.4	23.2





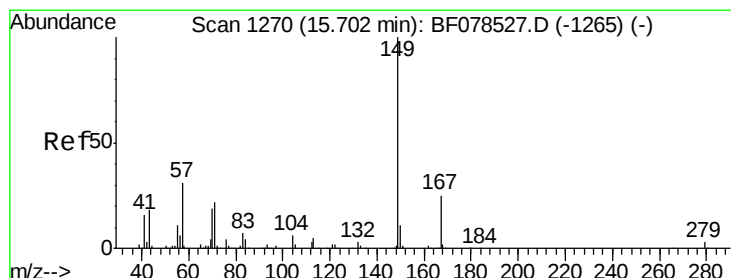
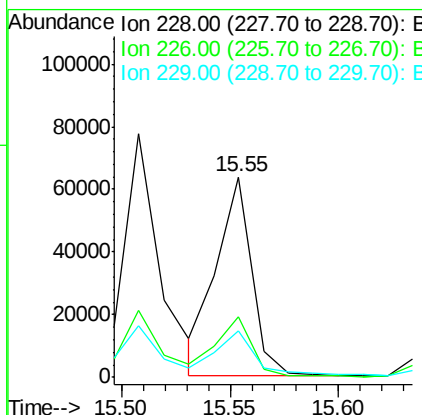
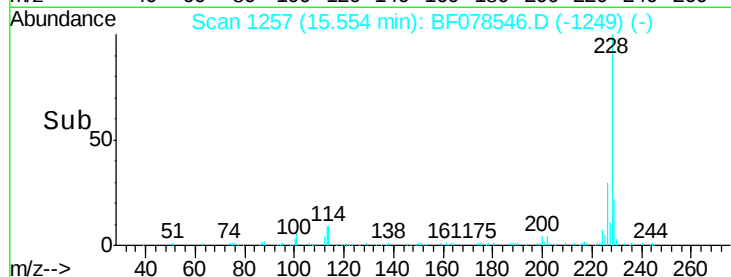
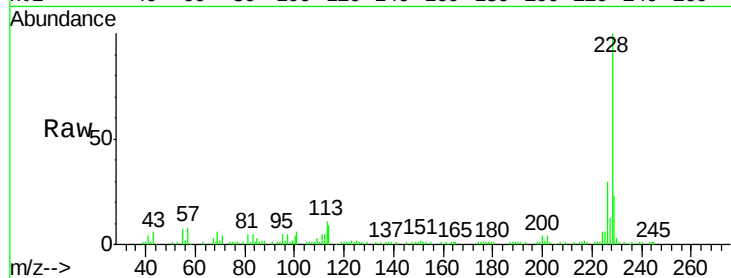
#82
Chrysene
Concen: 10.75 ng
RT: 15.55 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampled :
LS-SD02BRE

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.4
229	23.4	15.8	23.8

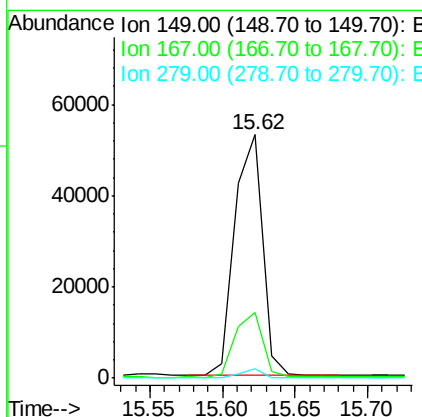
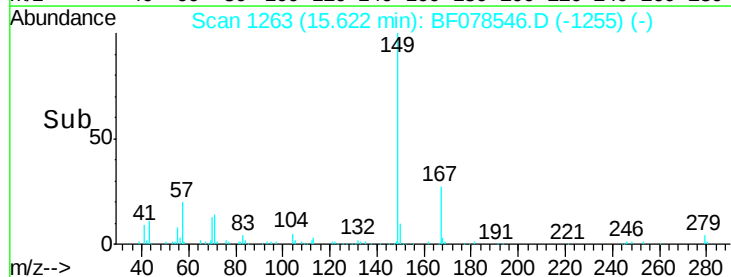
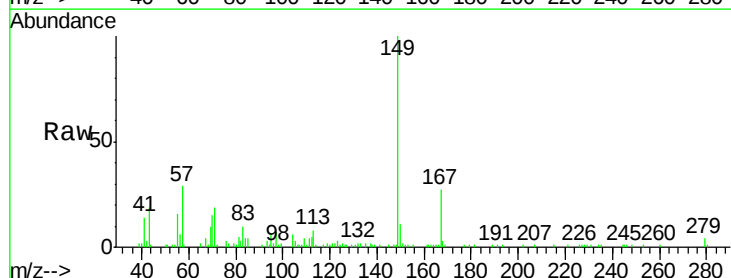
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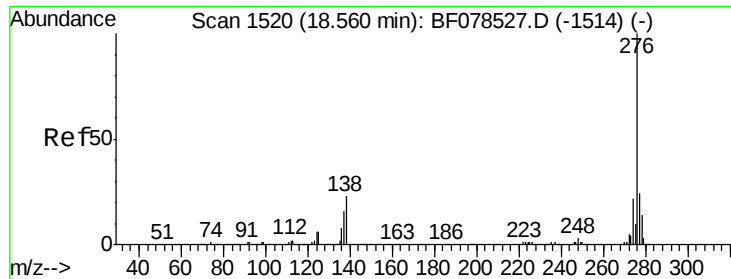
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#83
Bis(2-ethylhexyl)phthalate
Concen: 15.79 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.7	3.2	4.8





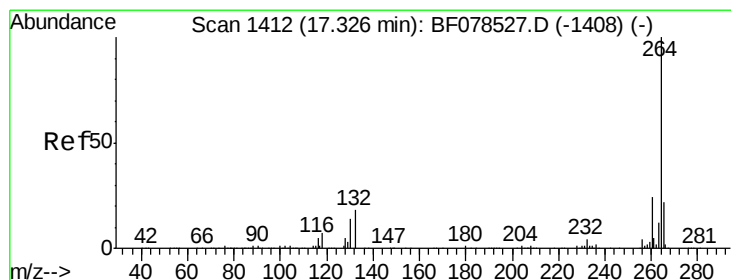
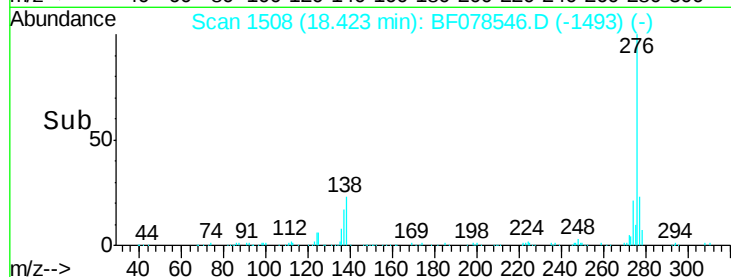
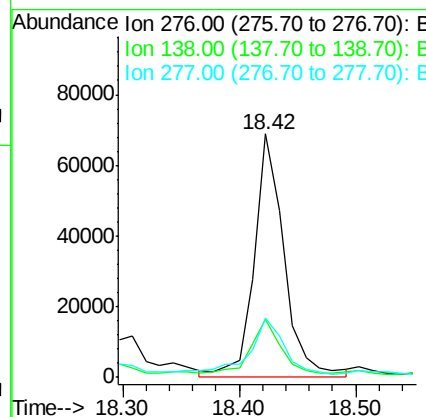
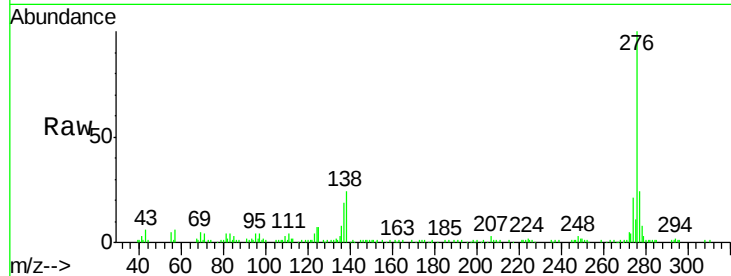
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.37 ng m
RT: 18.42 min Scan# 1508
Delta R.T. -0.13 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	16.9	25.3#
277	4.5	15.8	23.6#

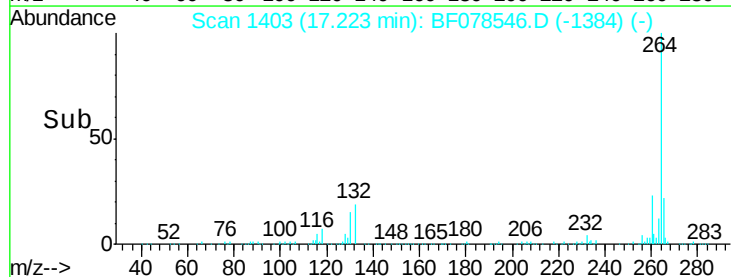
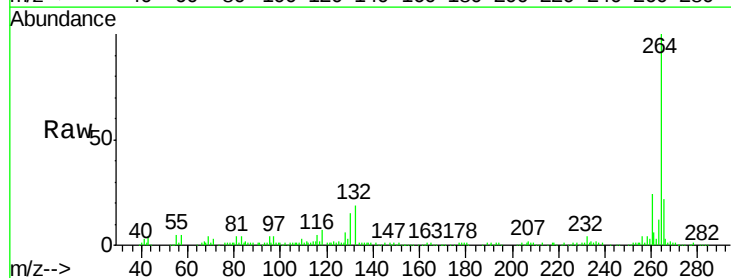
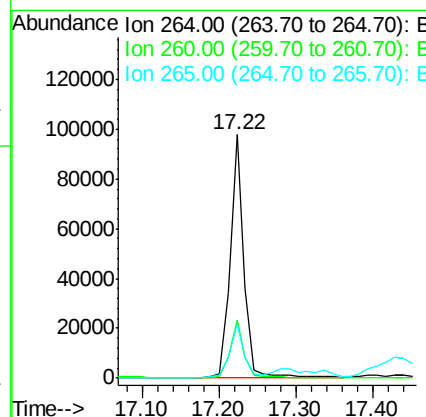
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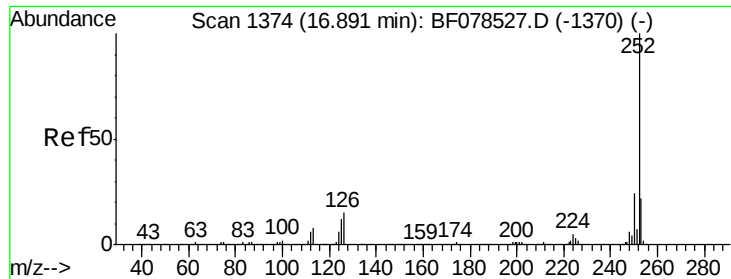
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.22 min Scan# 1403
Delta R.T. -0.08 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.1	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 22.48 ng m

RT: 16.79 min Scan# 1365

Delta R.T. -0.06 min

Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Instrument :

BNA_F

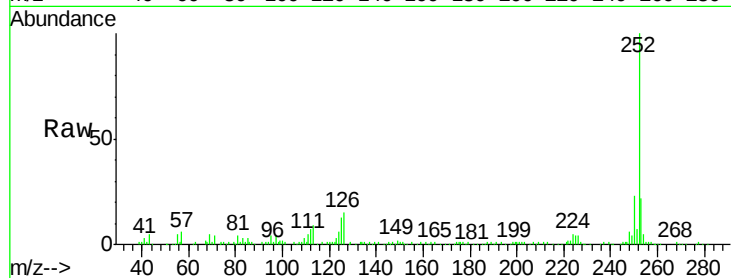
ClientSampleId :

LS-SD02BRE

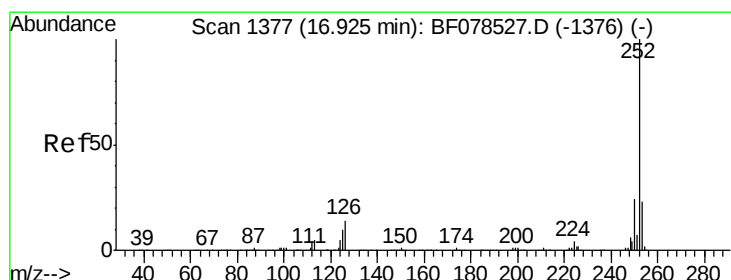
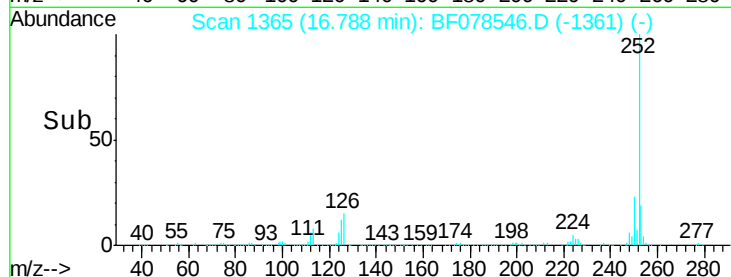
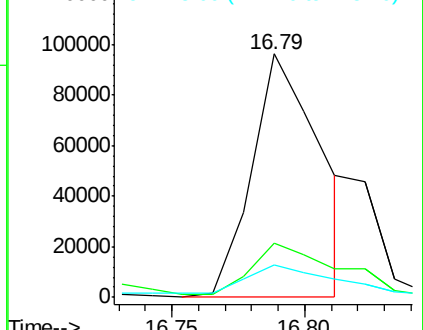
Tgt Ion:	252	Resp:	174083
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	13.3	7.0	10.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.56 ng m

RT: 16.81 min Scan# 1367

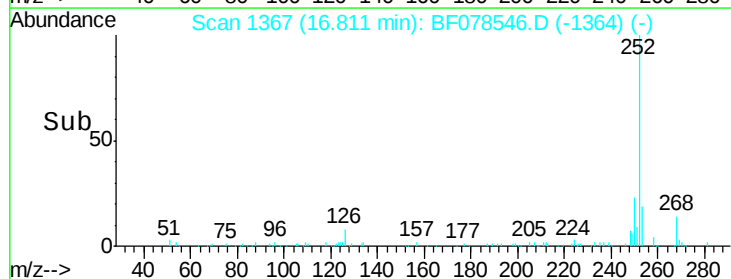
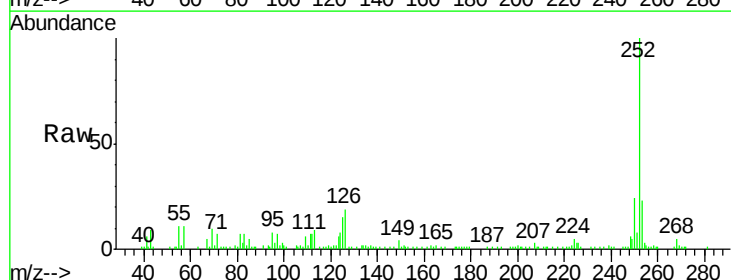
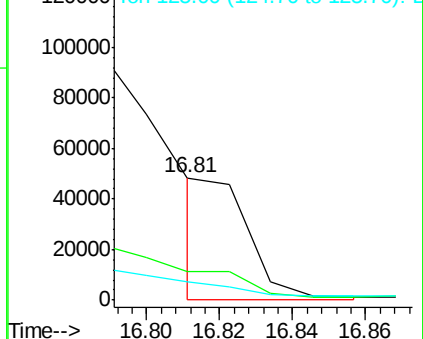
Delta R.T. -0.07 min

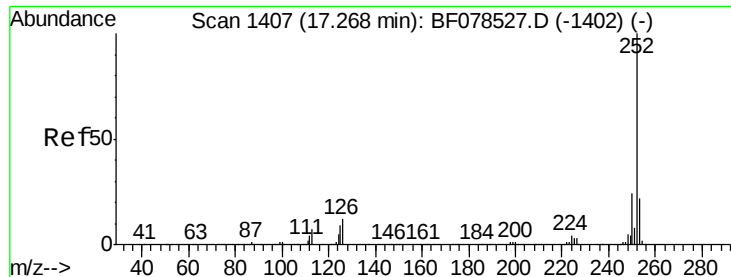
Lab File: BF078546.D

Acq: 15 Apr 2015 20:24

Tgt Ion:	252	Resp:	38259
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.5	26.3
125	15.2	11.6	17.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





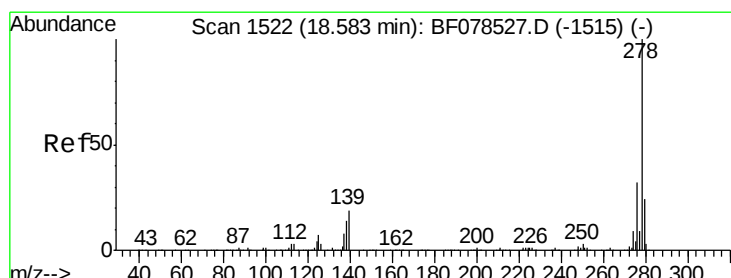
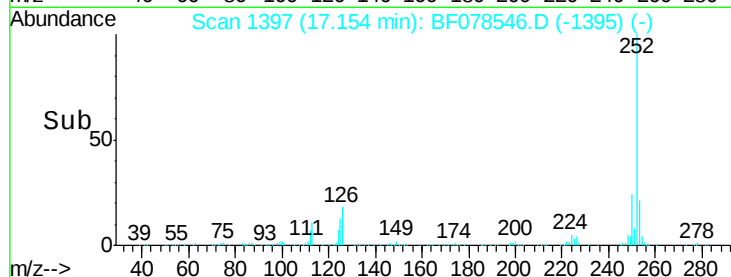
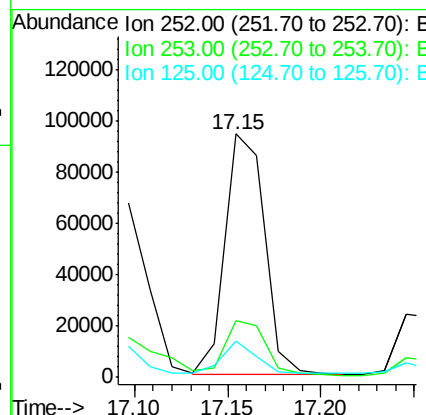
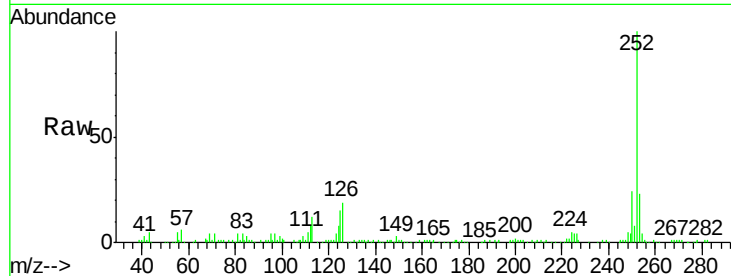
#89
Benzo(a)pyrene
Concen: 20.44 ng
RT: 17.15 min Scan# 1397
Delta R.T. -0.08 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Instrument :
BNA_F
ClientSampleId :
LS-SD02BRE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	138109		
253	23.4	16.8	25.2	
125	15.1	7.4	11.0	

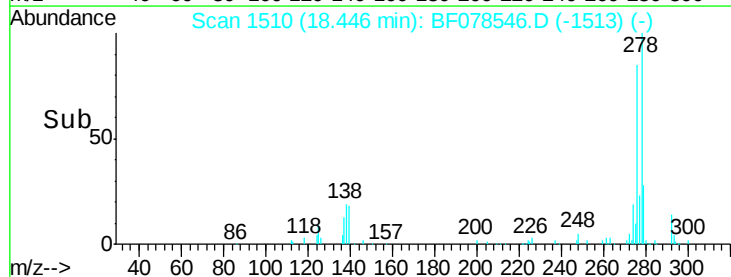
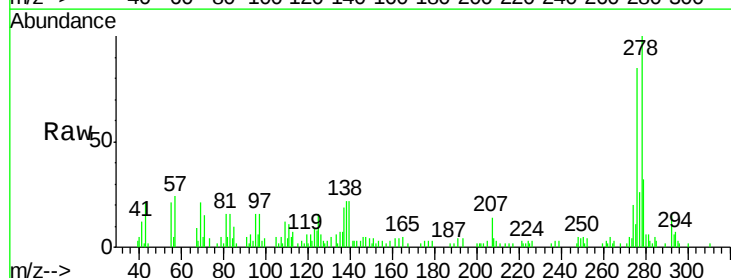
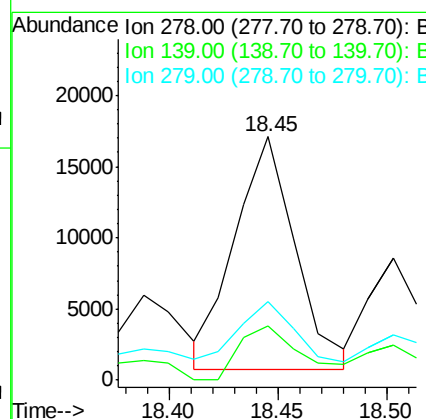
Manual Integrations
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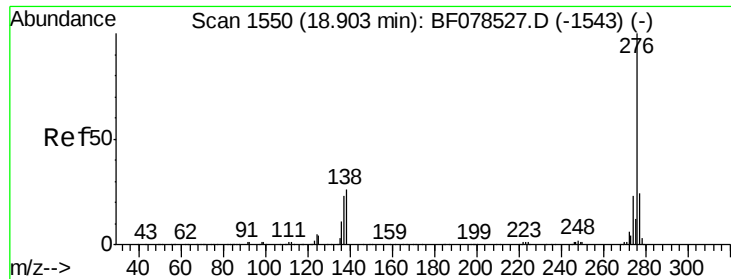
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#90
Dibenzo(a,h)anthracene
Concen: 4.68 ng m
RT: 18.45 min Scan# 1510
Delta R.T. -0.14 min
Lab File: BF078546.D
Acq: 15 Apr 2015 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	31643		
139	22.5	13.6	20.4	
279	32.5	19.0	28.6	





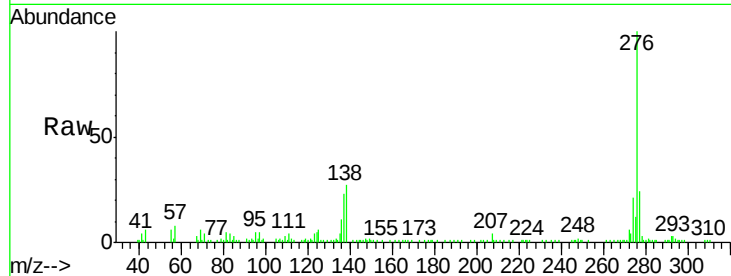
#91
 Benzo(g,h,i)perylene
 Concen: 15.43 ng
 RT: 18.75 min Scan# 1537
 Delta R.T. -0.13 min
 Lab File: BF078546.D
 Acq: 15 Apr 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02BRE

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		104655		
277	23.9	19.0	28.4		
138	26.8	19.9	29.9		

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

