

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078632.D
 Acq On : 18 Apr 2015 9:01
 Operator : TP/IZ
 Sample : G1902-03 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB19A

Manual Integrations
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Quant Time: Apr 20 01:26:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	30645	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	130490	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	69403	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	144119	20.00	ng	0.00
75) Chrysene-d12	15.46	240	174443	20.00	ng	0.00
86) Perylene-d12	17.15	264	178922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	32469	17.47	ng	0.00
7) Phenol-d6	6.28	99	45101	19.36	ng	0.00
23) Nitrobenzene-d5	7.38	82	25830	12.00	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	12524	21.76	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	57625	11.87	ng	0.00
78) Terphenyl-d14	14.21	244	78993	10.23	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	13.70	202	111408	12.67	ng	97
77) Pyrene	13.98	202	188984	17.26	ng	98
80) Benzo(a)anthracene	15.45	228	91597m	8.83	ng	
82) Chrysene	15.50	228	66769	6.85	ng	97
85) Indeno(1,2,3-cd)pyrene	18.33	276	50799	4.59	ng	# 89
87) Benzo(b)fluoranthene	16.72	252	139248m	12.59	ng	
88) Benzo(k)fluoranthene	16.75	252	35385m	3.60	ng	
89) Benzo(a)pyrene	17.09	252	73582	7.62	ng	# 93
91) Benzo(g,h,i)perylene	18.65	276	46366	4.79	ng	99

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

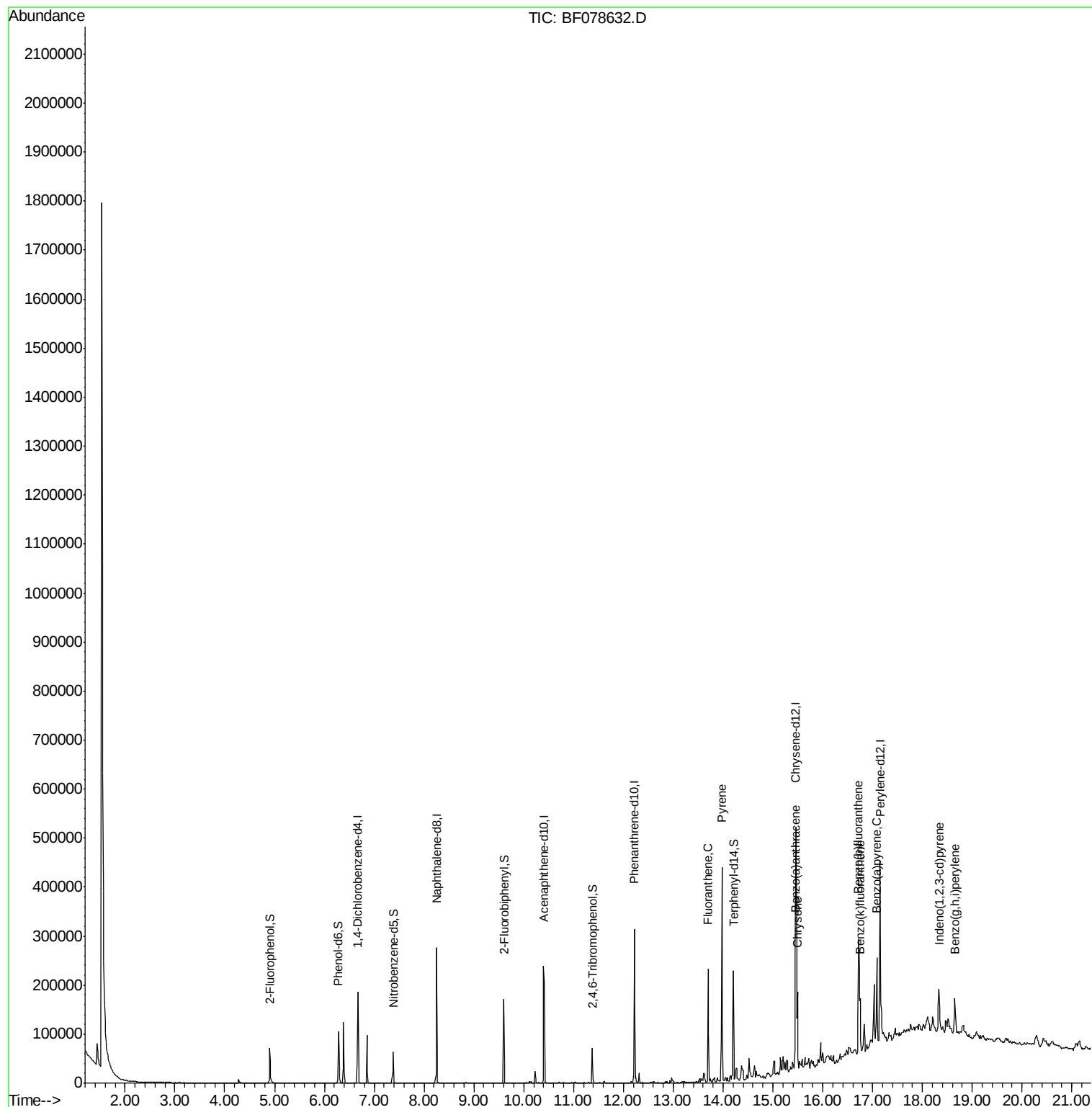
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078632.D
Acq On : 18 Apr 2015 9:01
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Sample : G1902-03 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

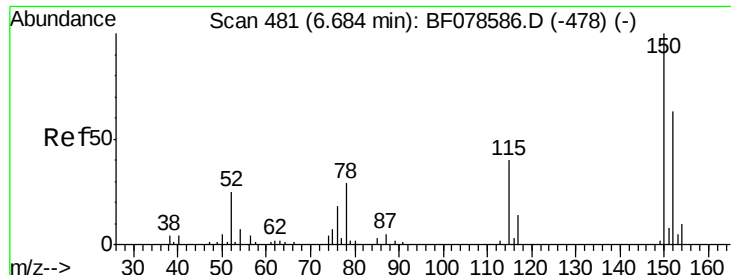
Instrument :
BNA_F
ClientSampleId :
LS-SB19A

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Quant Time: Apr 20 01:26:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration





#1

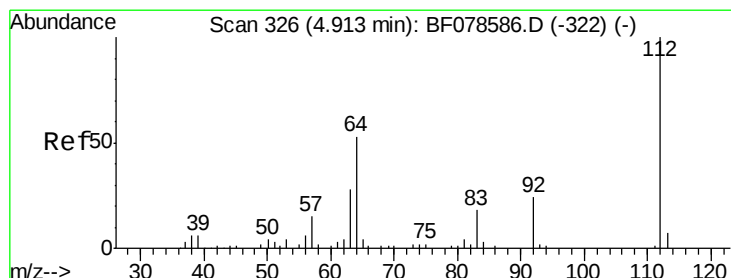
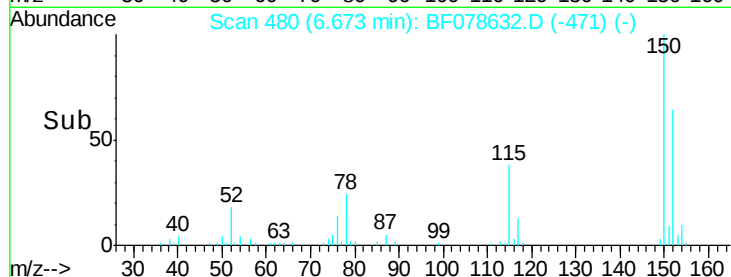
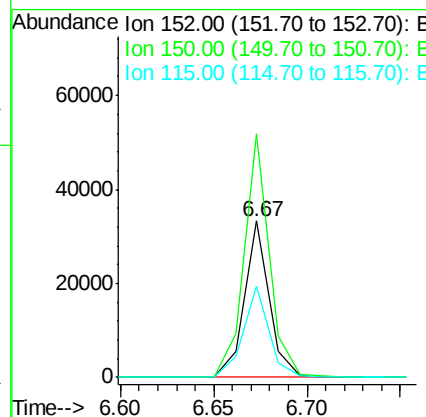
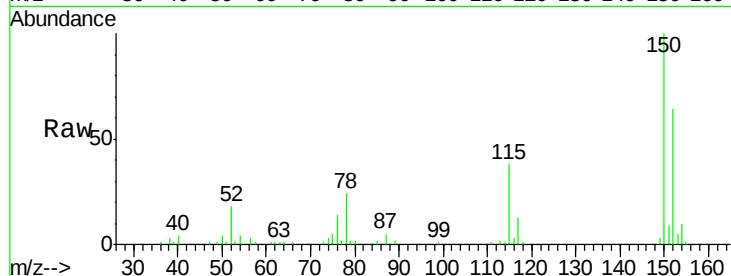
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.9	188.9
115	58.5	52.7	79.1

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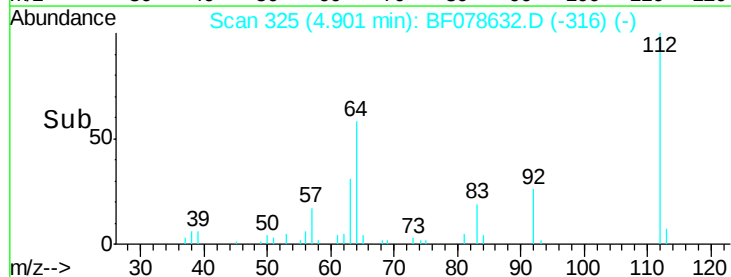
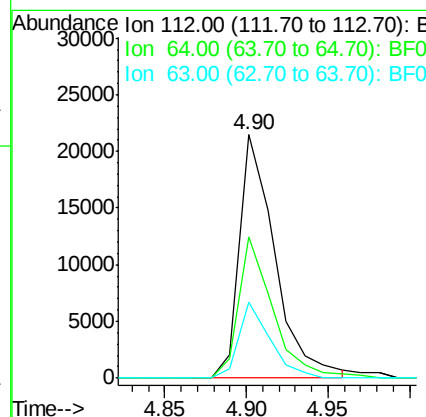
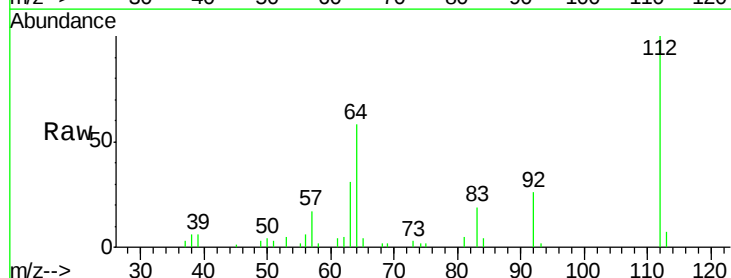
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#5

2-Fluorophenol
Concen: 17.47 ng
RT: 4.90 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.9	59.9
63	31.2	20.2	30.4





#7

Phenol-d6

Concen: 19.36 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Instrument :

BNA_F

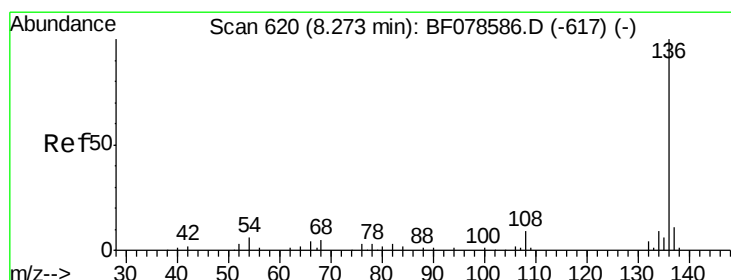
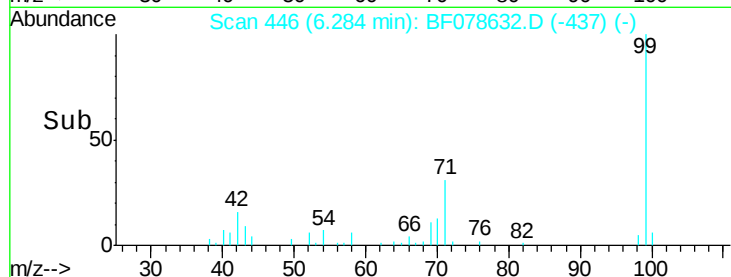
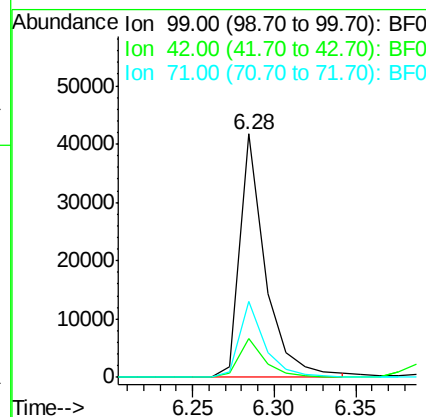
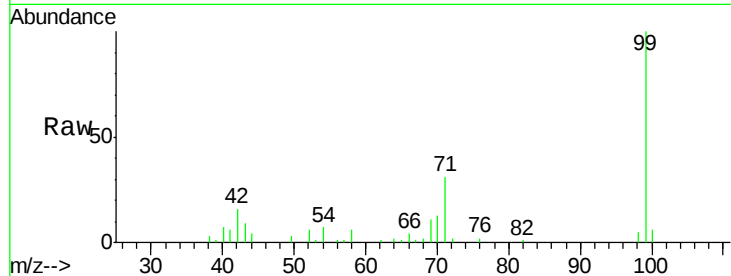
ClientSampleId :

LS-SB19A

Tot Ion:	99	Resp:	45101
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.8	22.2
71	31.0	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

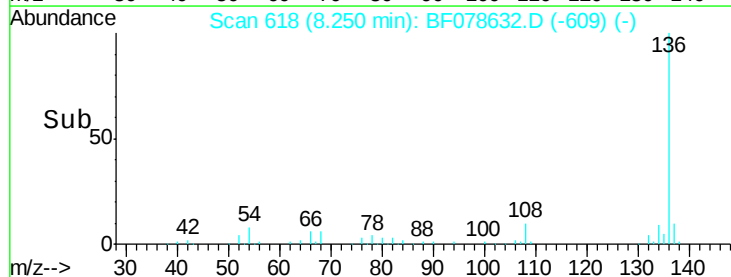
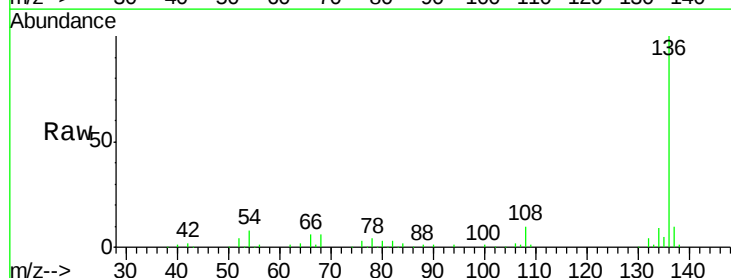
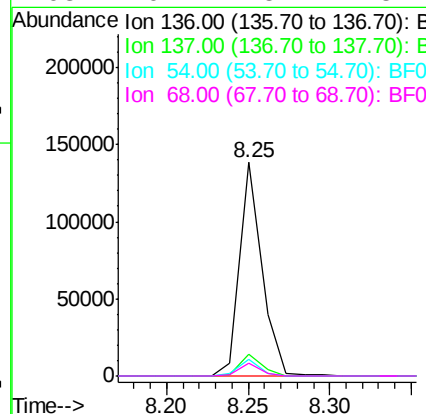
RT: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Tgt Ion:	136	Resp:	130490
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.4
54	8.1	7.0	10.6
68	6.1	5.4	8.2





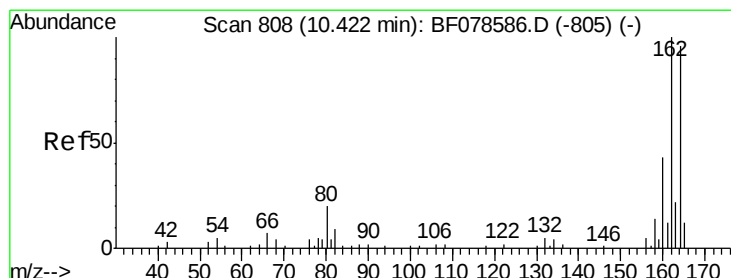
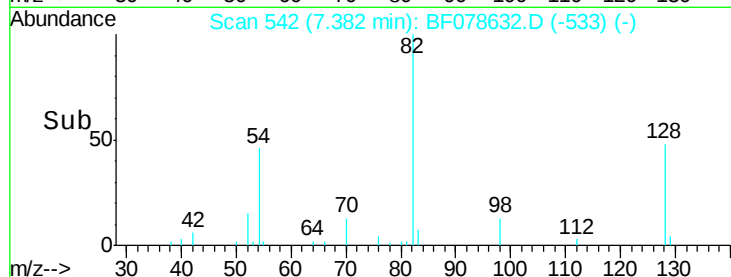
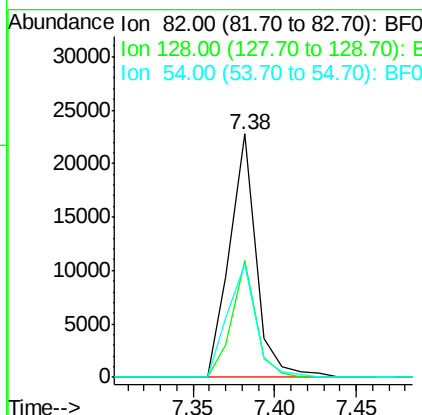
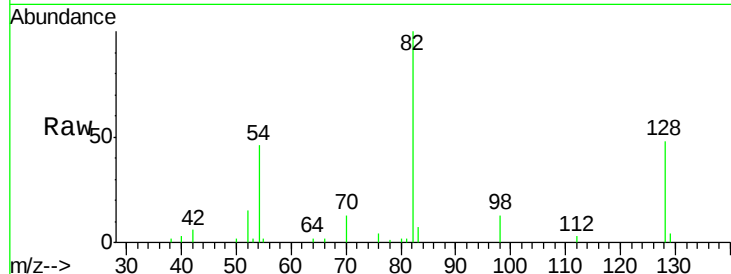
#23
 Nitrobenzene-d5
 Concen: 12.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB19A

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.8	47.8
54	46.3	41.5	62.3

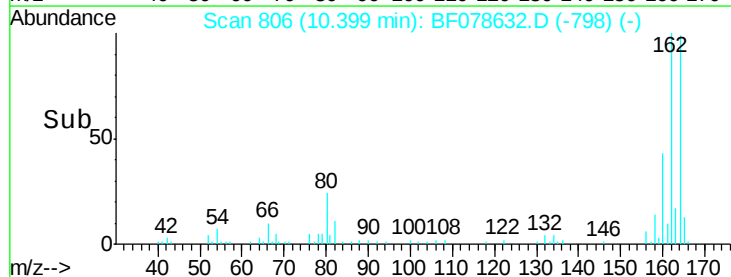
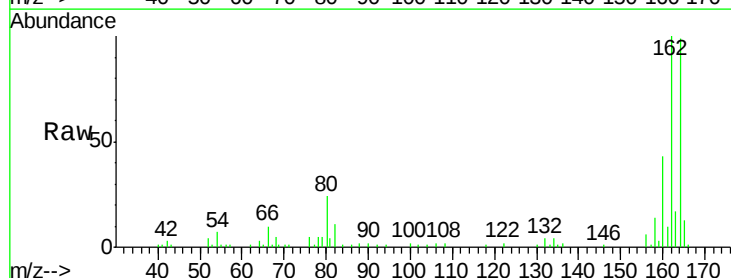
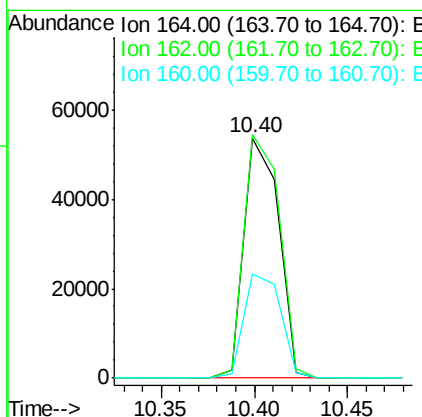
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.2	123.2
160	43.5	34.7	52.1





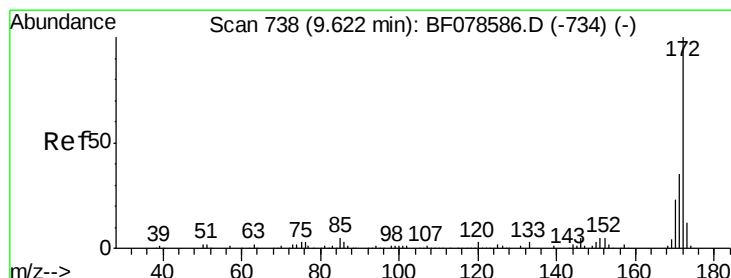
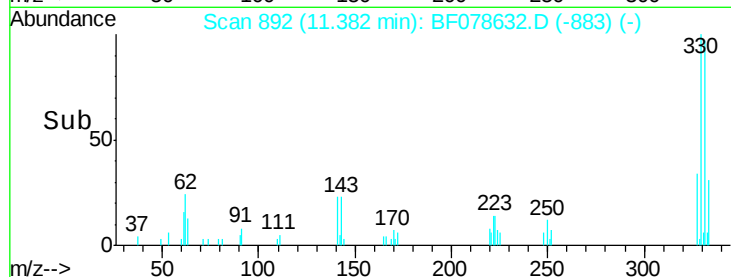
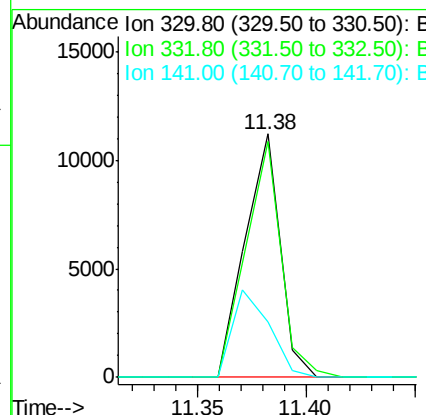
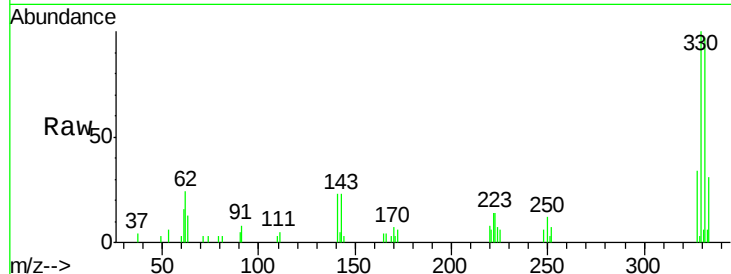
#41
 2,4,6-Tribromophenol
 Concen: 21.76 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB19A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	117.8
141	37.6	31.2	46.8

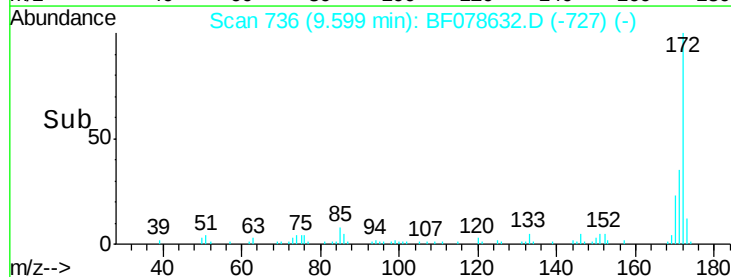
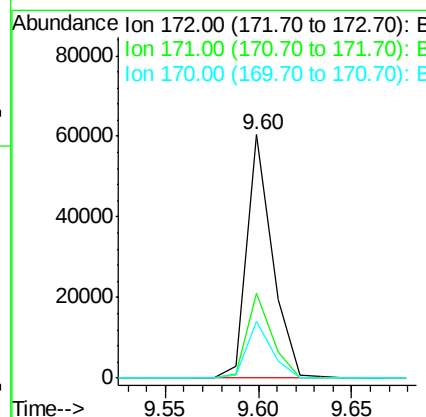
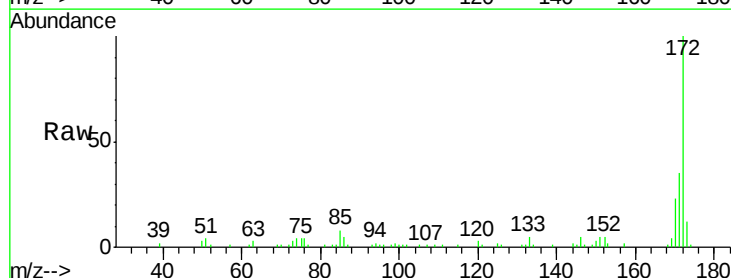
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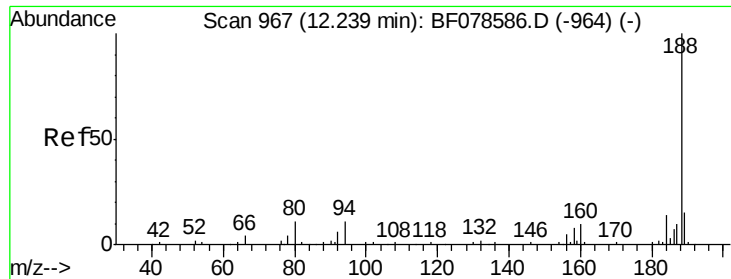
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#44
 2-Fluorobiphenyl
 Concen: 11.87 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.3	18.5	27.7





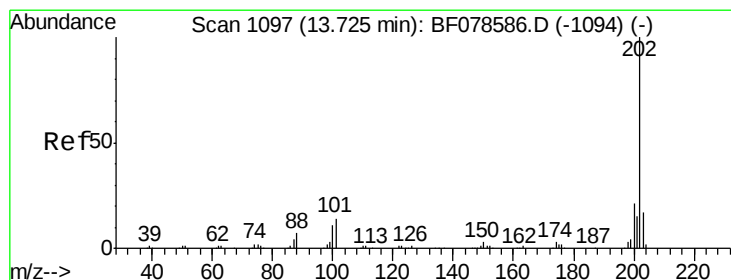
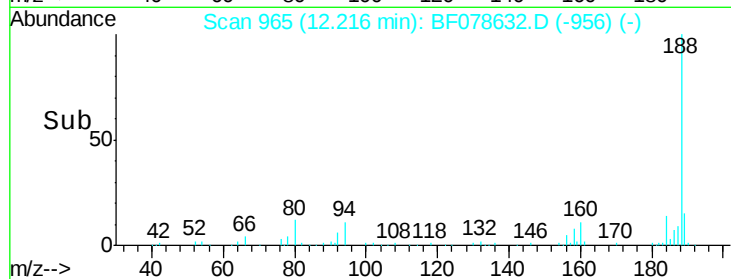
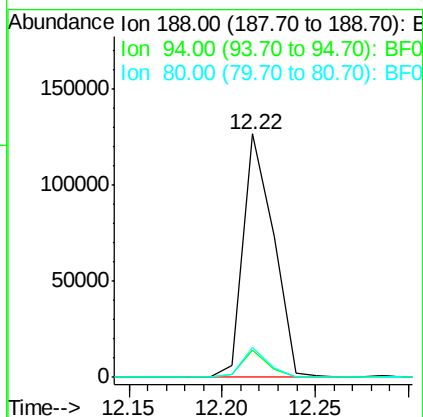
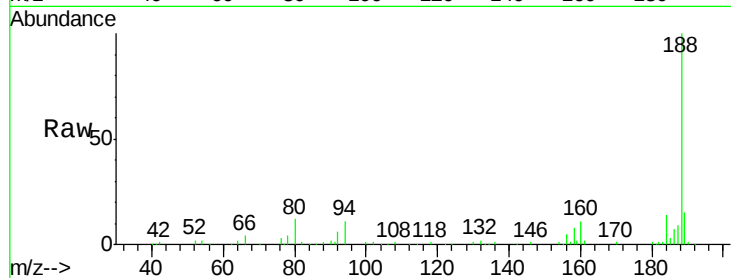
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.5	9.0	13.4
80	12.5	9.5	14.3

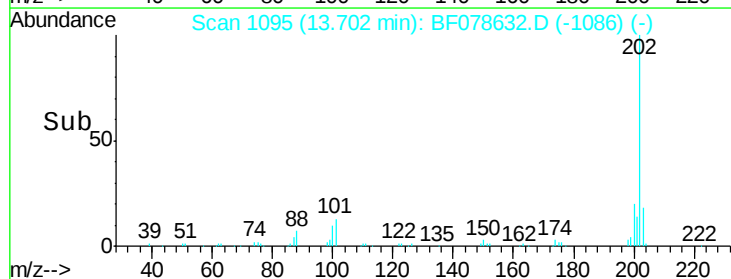
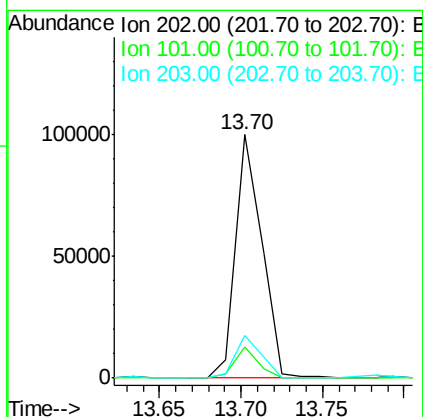
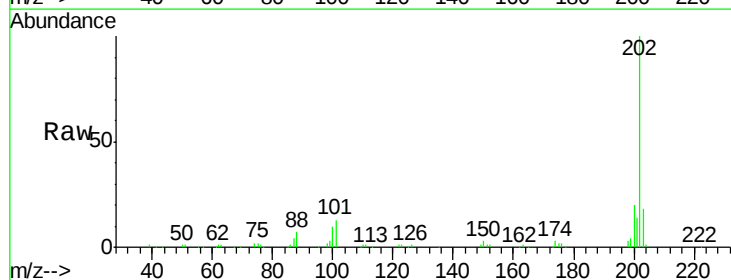
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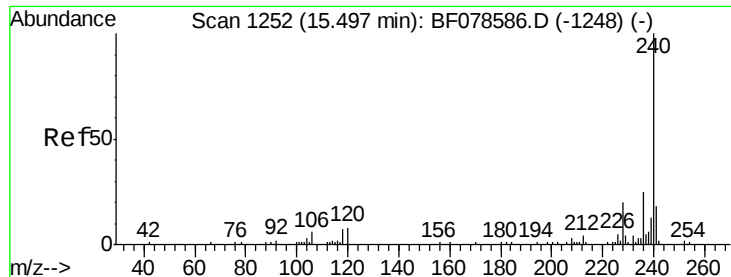
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#74
Fluoranthene
Concen: 12.67 ng
RT: 13.70 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	35.2
203	17.6	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Instrument :

BNA_F

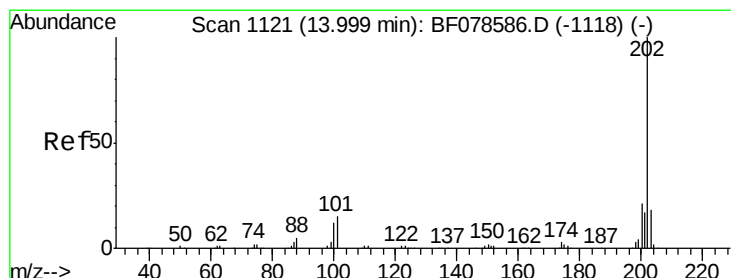
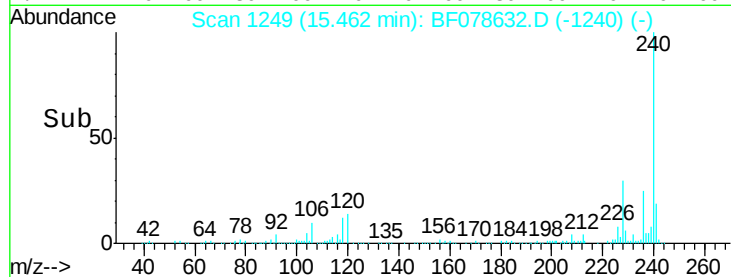
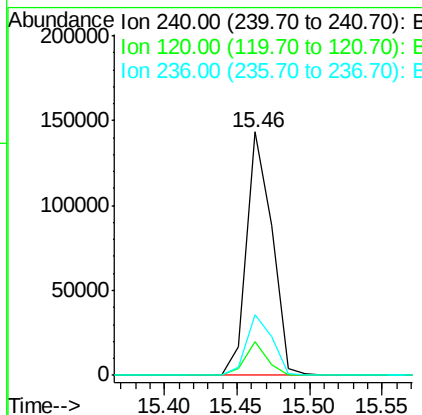
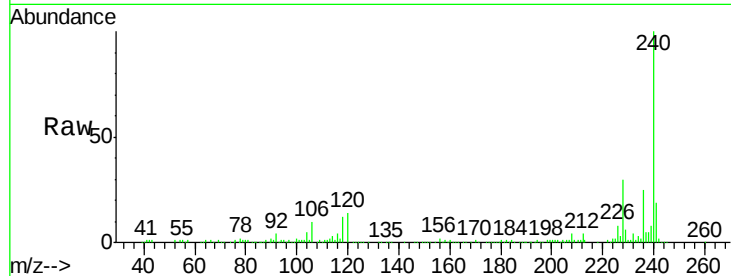
ClientSampleId :

LS-SB19A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	174443		
120	14.1	7.1	10.7	#
236	24.9	21.4	32.2	

Manual Integrations
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#77

Pyrene

Concen: 17.26 ng

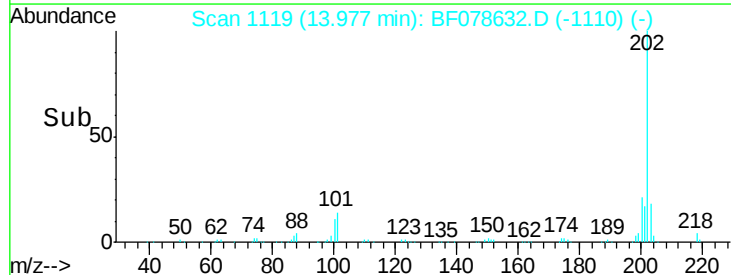
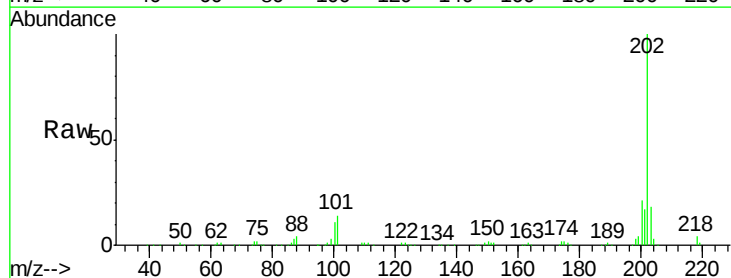
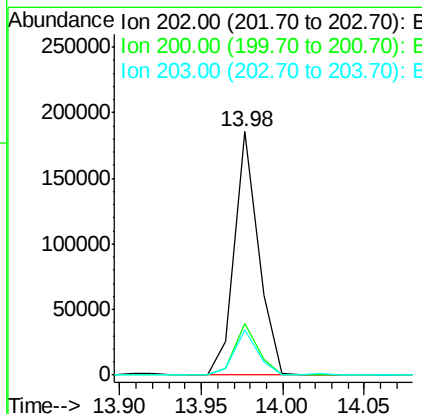
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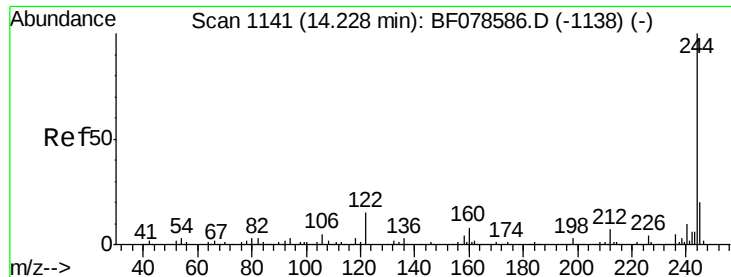
Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	188984		
200	21.1	16.3	24.5	
203	18.5	13.8	20.6	





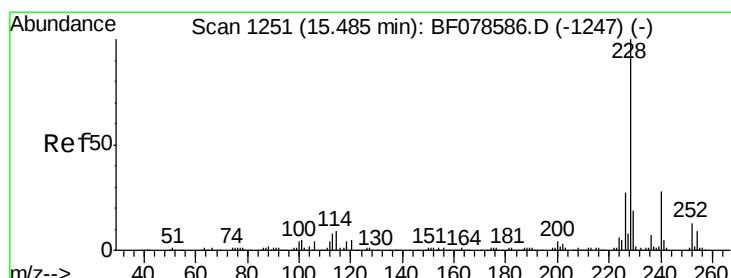
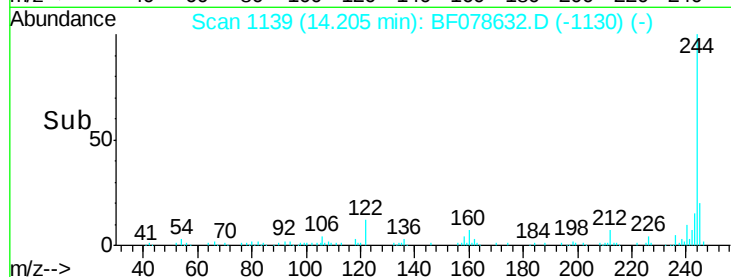
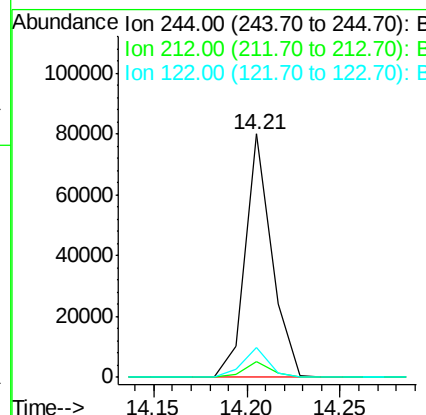
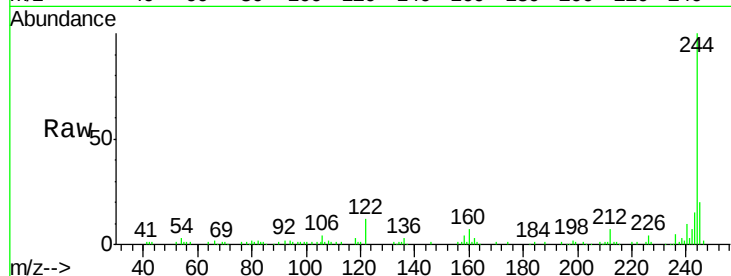
#78
 Terphenyl-d14
 Concen: 10.23 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Instrument :
 BNA_F
 ClientSampled :
 LS-SB19A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.0	7.4
122	12.3	7.1	10.7

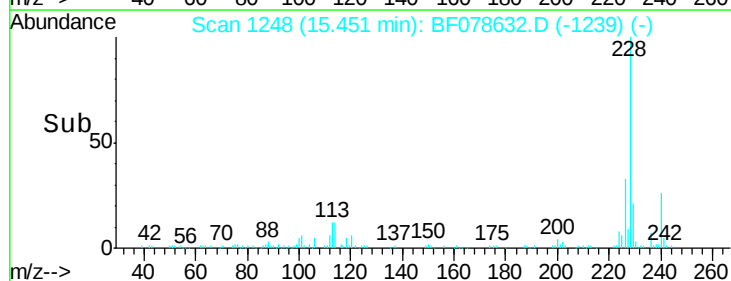
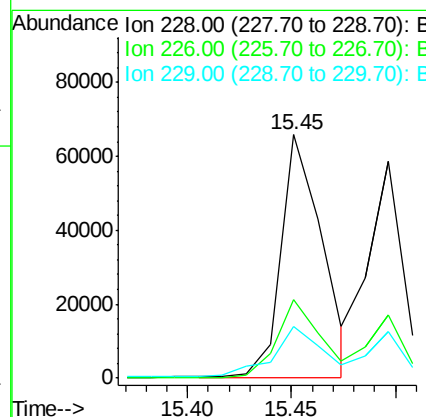
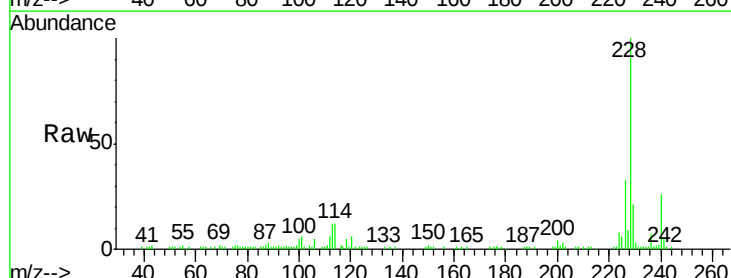
Manual Integrations
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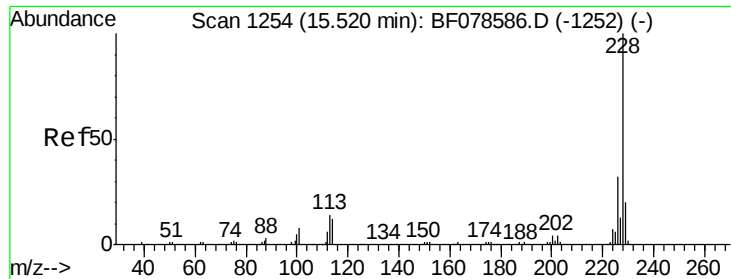
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#80
 Benzo(a)anthracene
 Concen: 8.83 ng m
 RT: 15.45 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.3	31.9
229	21.0	15.4	23.2





#82

Chrysene

Concen: 6.85 ng

RT: 15.50 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Instrument :

BNA_F

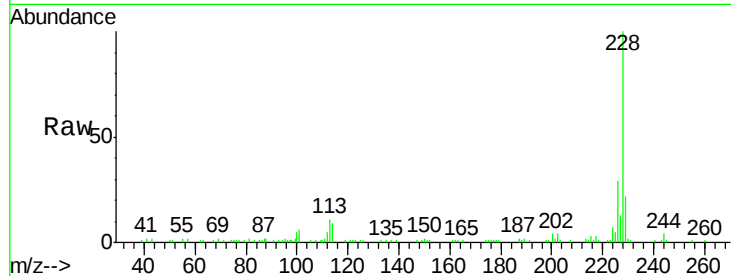
ClientSampleId :

LS-SB19A

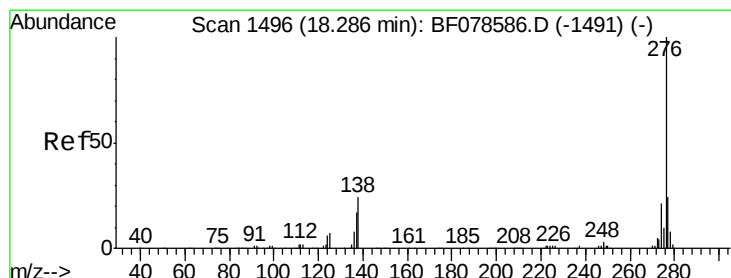
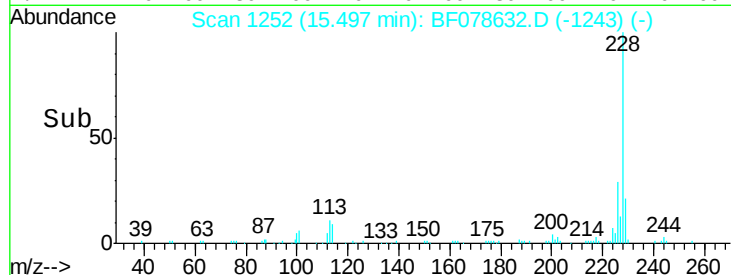
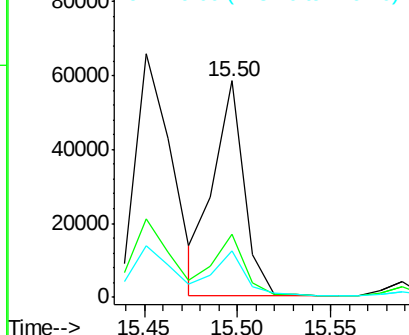
Tot Ion:	228	Resp:	66769
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.2	36.4
229	21.5	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.59 ng

RT: 18.33 min Scan# 1500

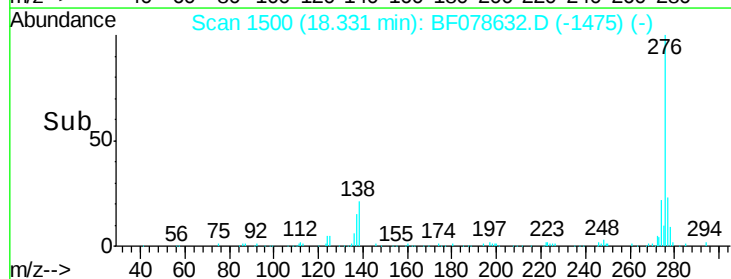
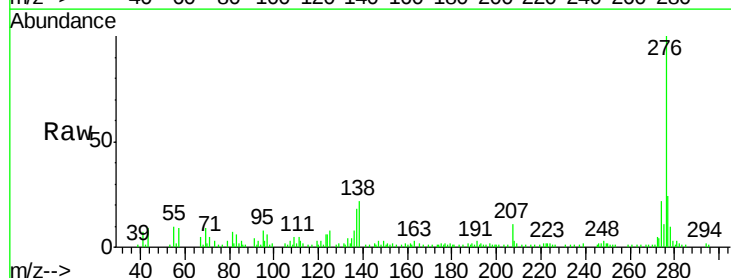
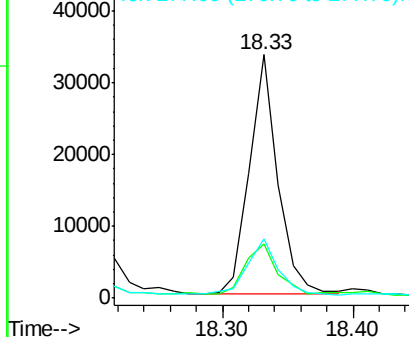
Delta R.T. -0.01 min

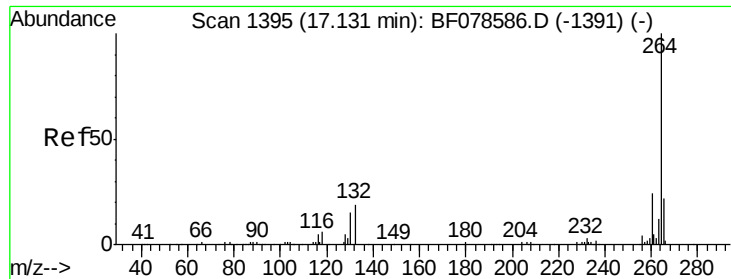
Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Tgt Ion:	276	Resp:	50799
Ion Ratio	Lower	Upper	
276	100		
138	24.0	16.9	25.3
277	26.8	15.8	23.6#

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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF078632.D

Acq: 18 Apr 2015 9:01

Instrument :

BNA_F

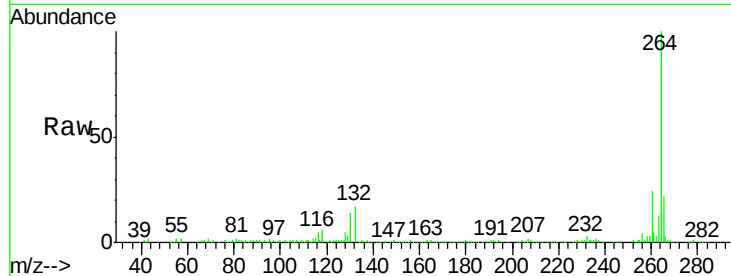
ClientSampleId :

LS-SB19A

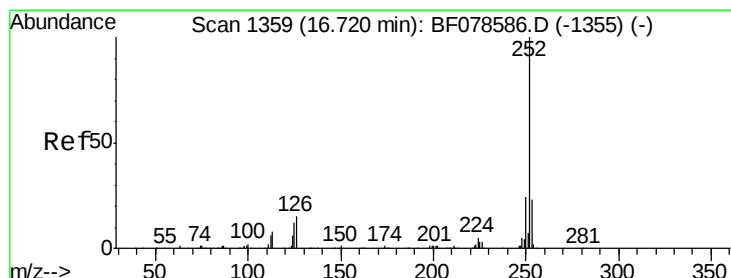
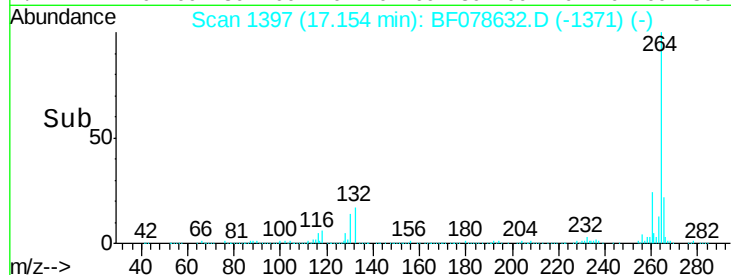
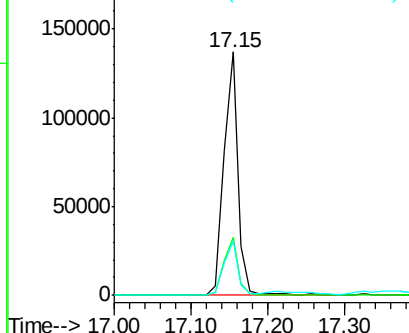
Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100		178922		
260	23.6	18.6	27.8		
265	22.0	17.0	25.6		

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 12.59 ng m

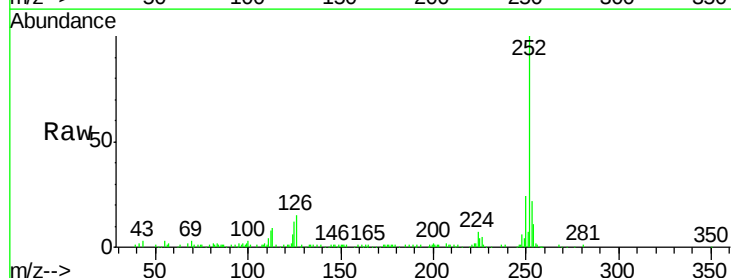
RT: 16.72 min Scan# 1359

Delta R.T. -0.01 min

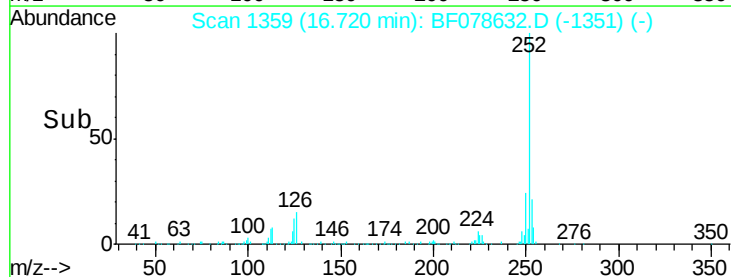
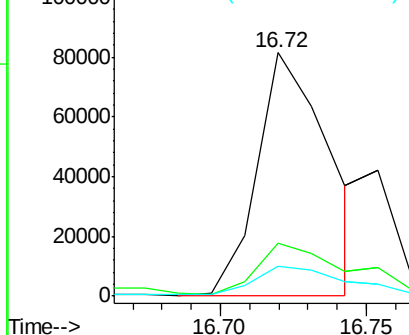
Lab File: BF078632.D

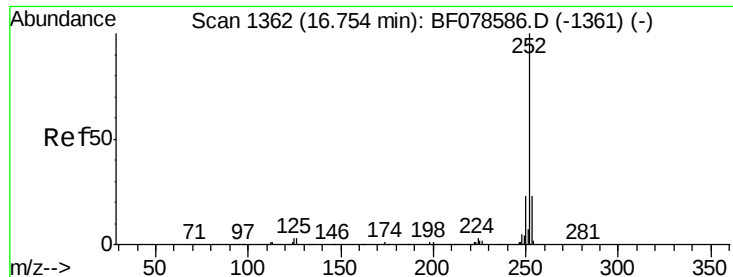
Acq: 18 Apr 2015 9:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		139248		
253	21.8	17.2	25.8		
125	12.3	7.0	10.4#		



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





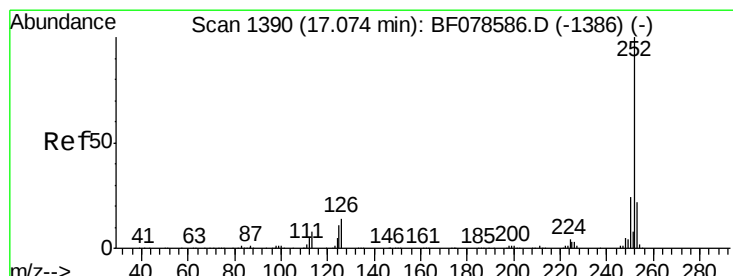
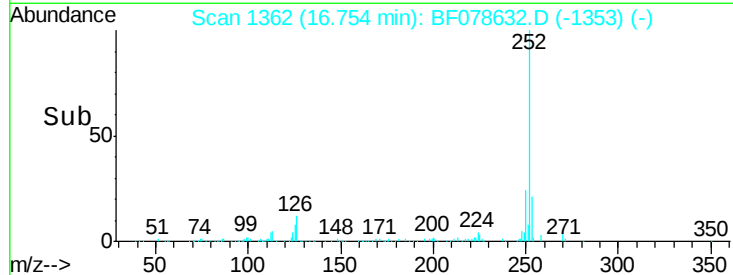
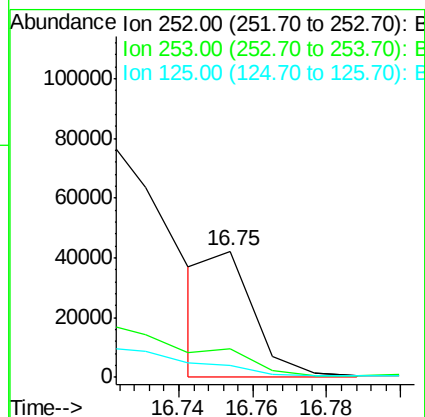
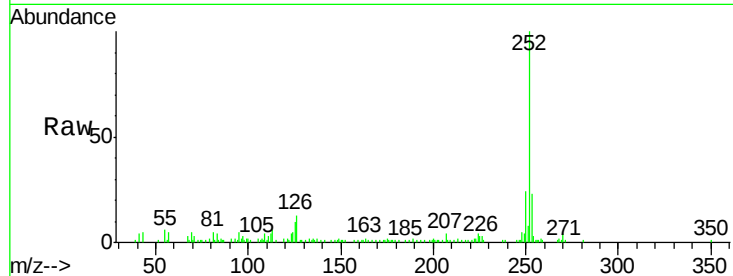
#88
Benzo(k)fluoranthene
Concen: 3.60 ng m
RT: 16.75 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Instrument :
BNA_F
ClientSampleId :
LS-SB19A

Tot Ion:	252	Resp:	35385
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.9	11.6	17.4

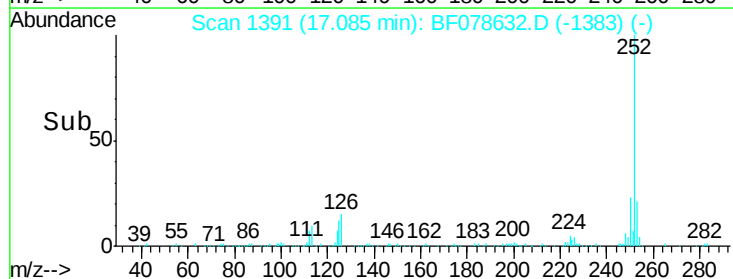
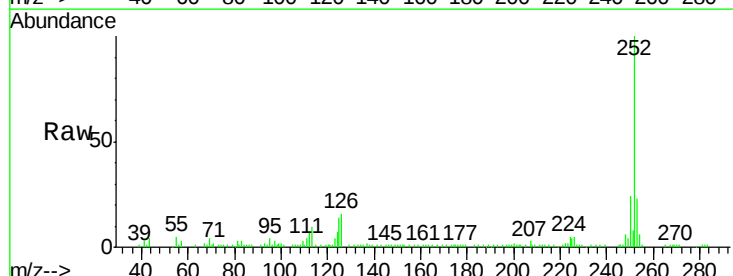
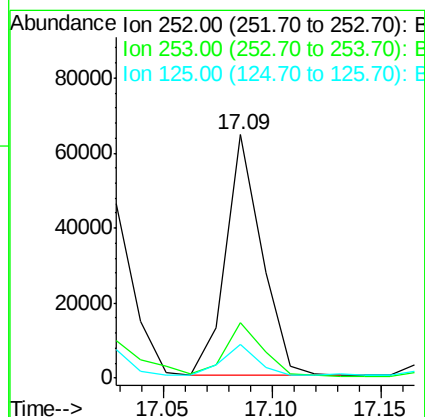
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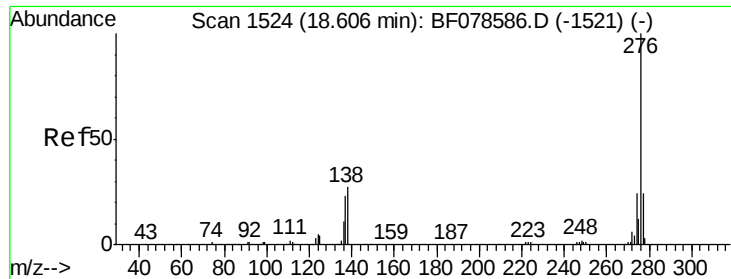
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#89
Benzo(a)pyrene
Concen: 7.62 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF078632.D
Acq: 18 Apr 2015 9:01

Tgt Ion:	252	Resp:	73582
Ion Ratio	Lower	Upper	
252	100		
253	23.0	16.8	25.2
125	13.6	7.4	11.0





#91
 Benzo(a,h,i)perylene
 Concen: 4.79 ng
 RT: 18.65 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF078632.D
 Acq: 18 Apr 2015 9:01

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB19A

Tot Ion:	276	Resp:	46366
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.0	28.4
138	24.0	19.9	29.9

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