

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078642.D
 Acq On : 18 Apr 2015 13:47
 Operator : TP/IZ
 Sample : G1855-07DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16ADL

Manual Integrations
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Quant Time: Apr 20 13:51:45 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	36599	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	157891	20.00	ng	0.01
38) Acenaphthene-d10	10.41	164	85751	20.00	ng	0.00
63) Phenanthrene-d10	12.23	188	175795	20.00	ng	0.01
75) Chrysene-d12	15.47	240	198611	20.00	ng	0.01
86) Perylene-d12	17.12	264	195105	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	36871	16.61	ng	0.01
7) Phenol-d6	6.30	99	51238	18.42	ng	0.01
23) Nitrobenzene-d5	7.38	82	31768	12.20	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	13894	19.54	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	68463	11.41	ng	0.01
78) Terphenyl-d14	14.22	244	87380	9.94	ng	0.01
Target Compounds						
70) Phenanthrene	12.25	178	51265	5.04	ng	99
74) Fluoranthene	13.71	202	100388	9.36	ng	91
77) Pyrene	13.99	202	90767	7.28	ng	98
80) Benzo(a)anthracene	15.46	228	56253m	4.76	ng	
82) Chrysene	15.50	228	54358m	4.90	ng	
83) Bis(2-ethylhexyl)phthalate	15.57	149	212680	28.54	ng	98
85) Indeno(1,2,3-cd)pyrene	18.26	276	41903m	3.33	ng	
87) Benzo(b)fluoranthene	16.70	252	81728m	6.78	ng	
88) Benzo(k)fluoranthene	16.73	252	22043m	2.06	ng	
89) Benzo(a)pyrene	17.05	252	54984	5.22	ng	# 93
91) Benzo(g,h,i)perylene	18.58	276	38353	3.63	ng	99

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

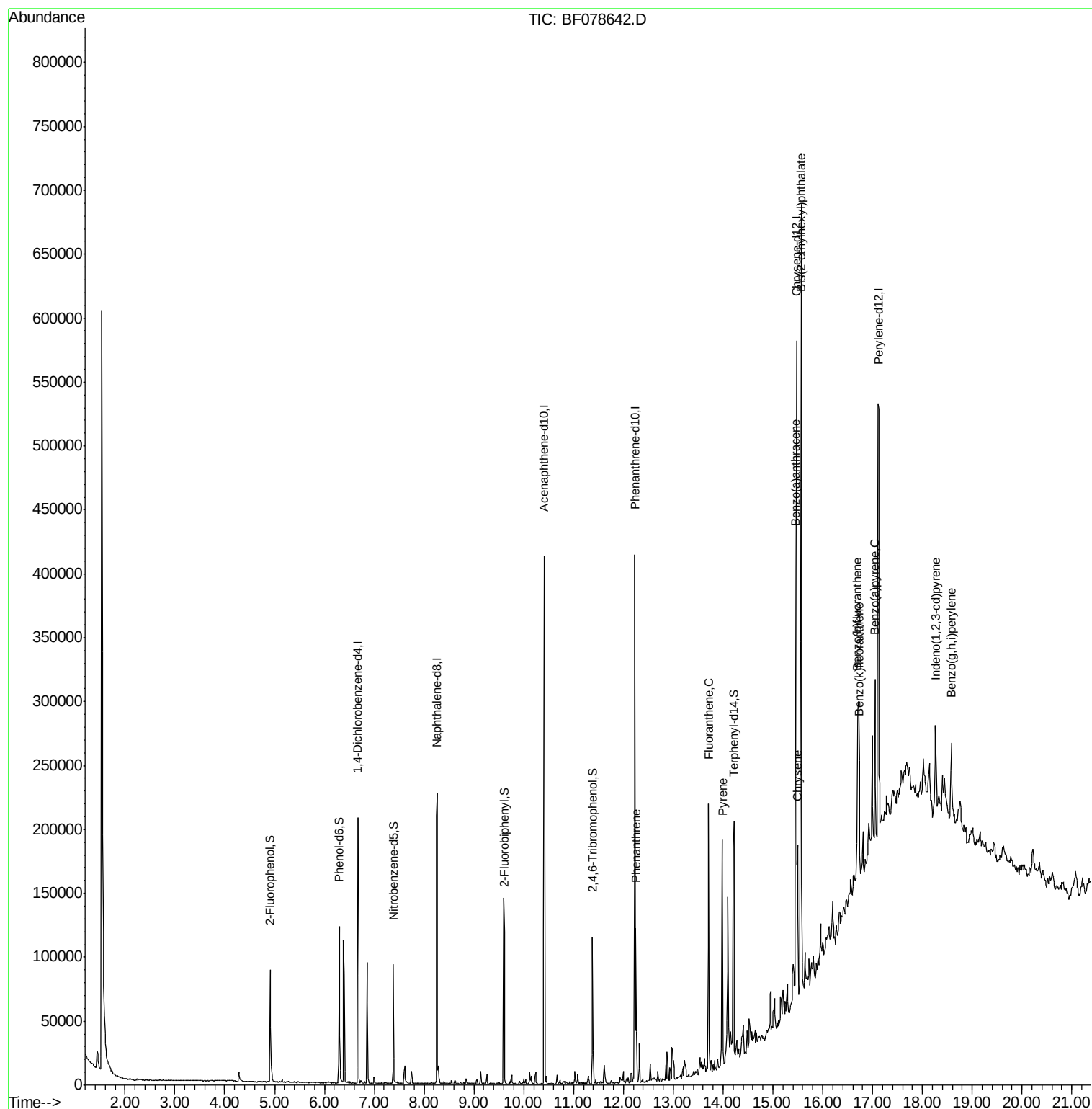
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
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Sample : G1855-07DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

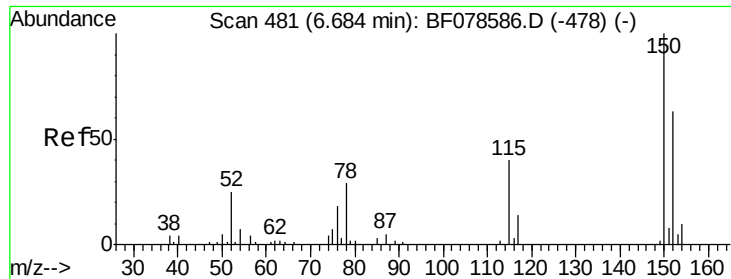
Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

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#1

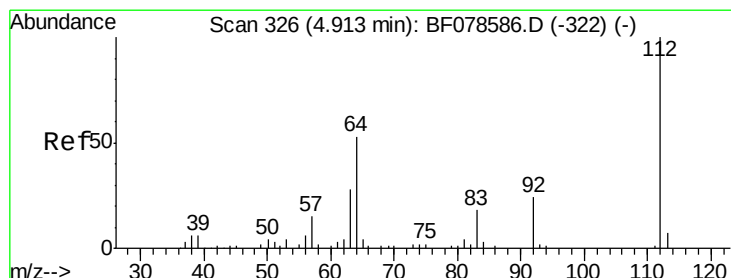
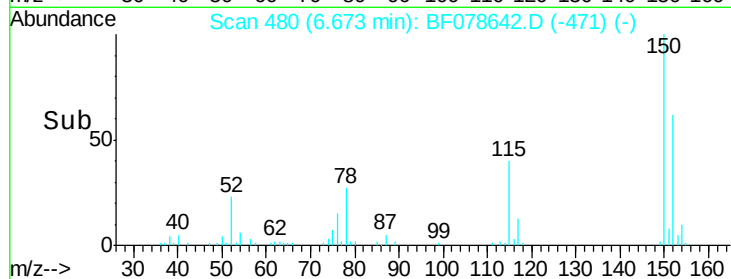
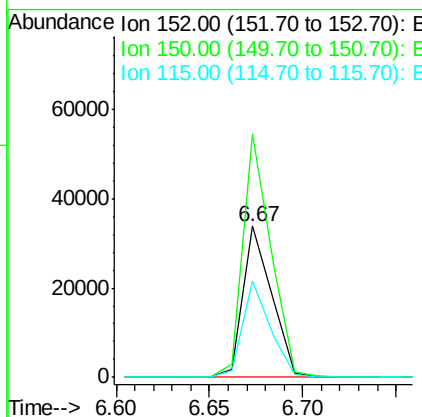
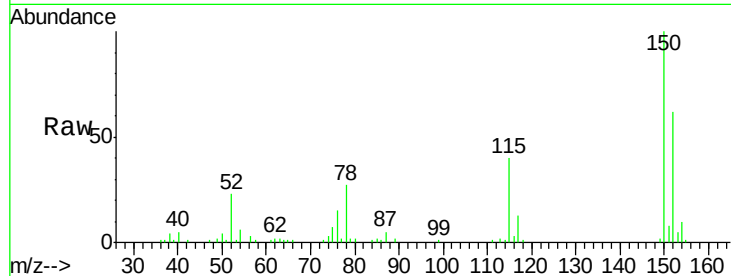
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	125.9	188.9
115	63.9	52.7	79.1

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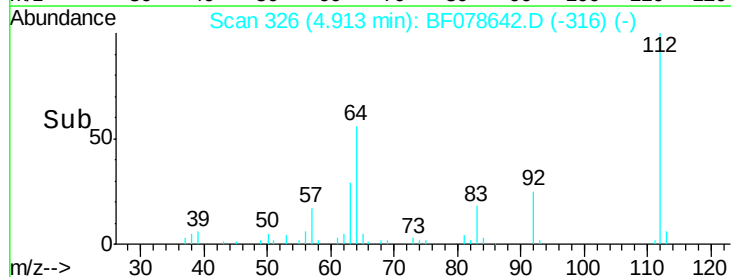
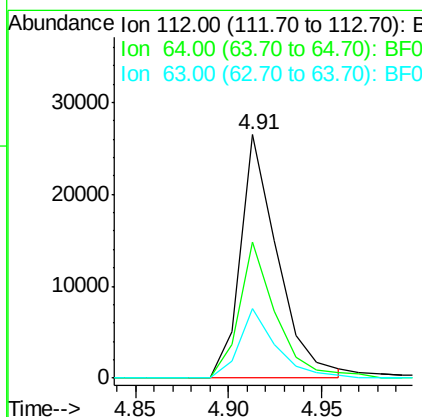
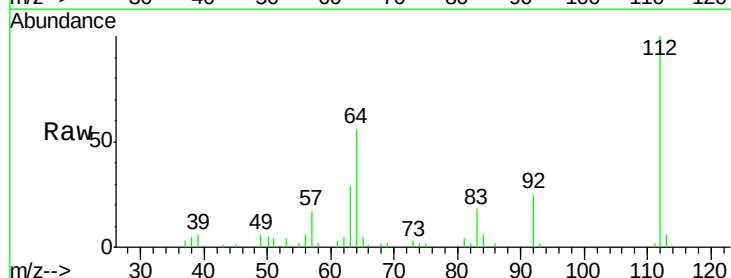
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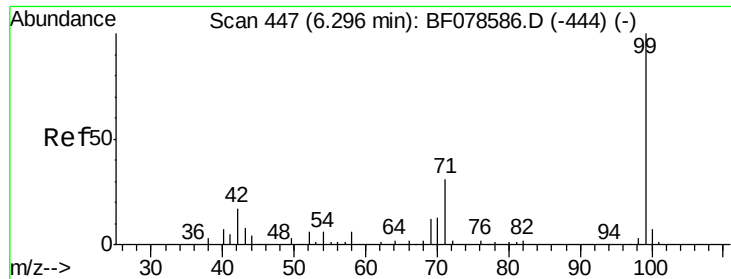


#5

2-Fluorophenol
Concen: 16.61 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	39.9	59.9
63	28.6	20.2	30.4





#7

Phenol-d6

Concen: 18.42 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

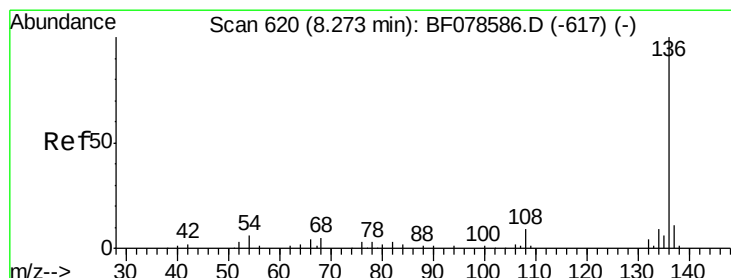
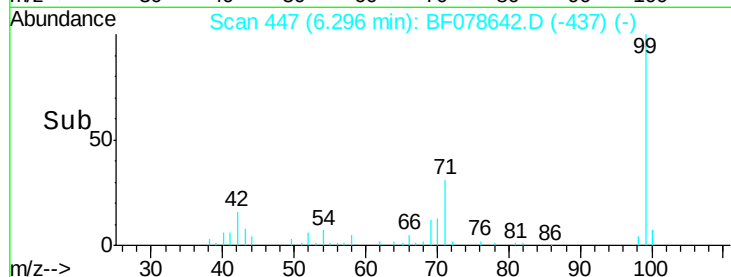
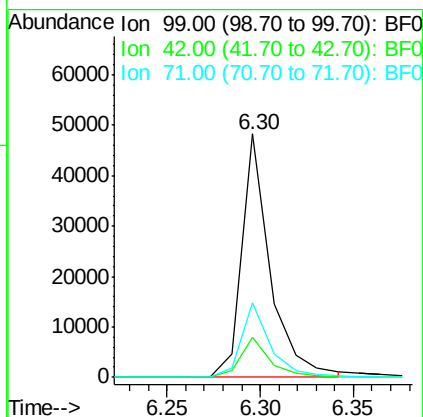
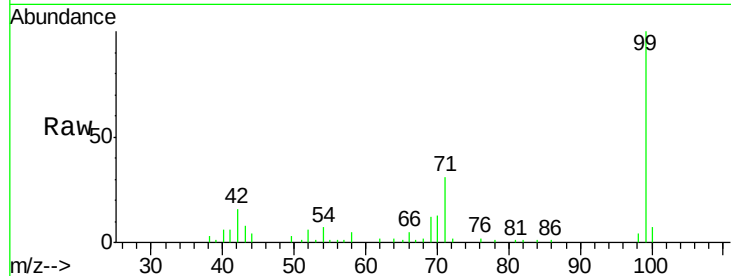
ClientSampleId :

LS-SB16ADL

Tot Ion:	99	Resp:	51238
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.8	22.2
71	30.8	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

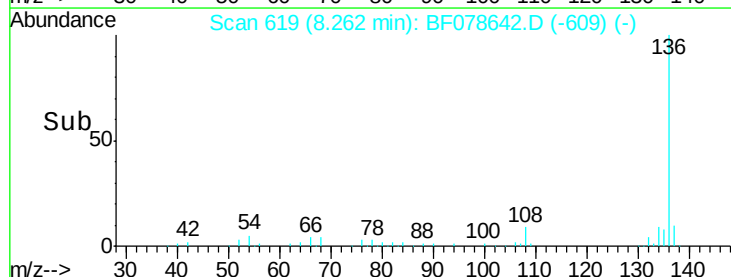
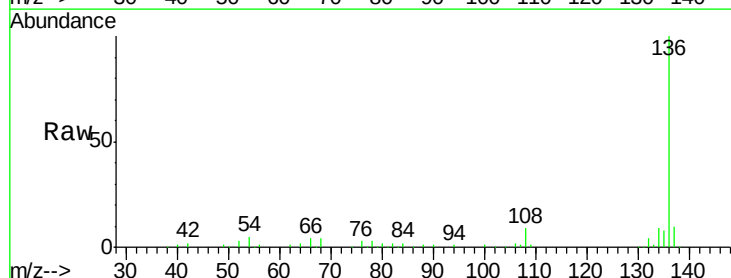
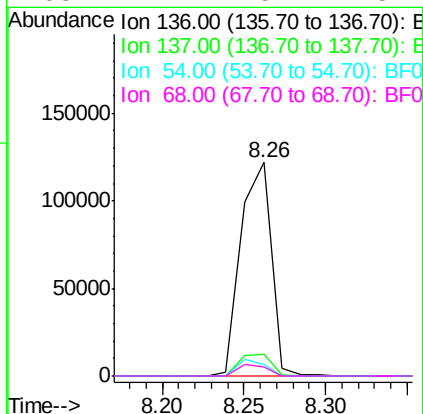
RT: 8.26 min Scan# 619

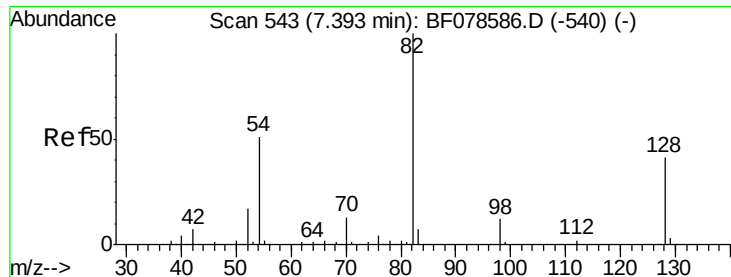
Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion:	136	Resp:	157891
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	5.3	7.0	10.6#
68	4.2	5.4	8.2#





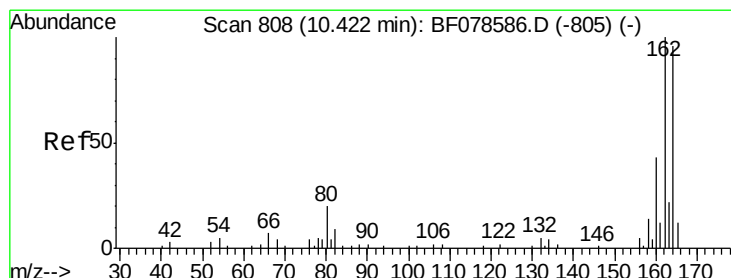
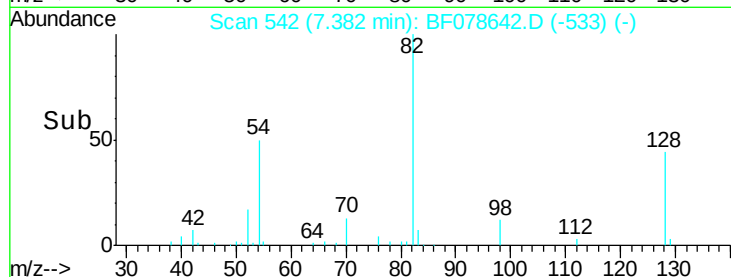
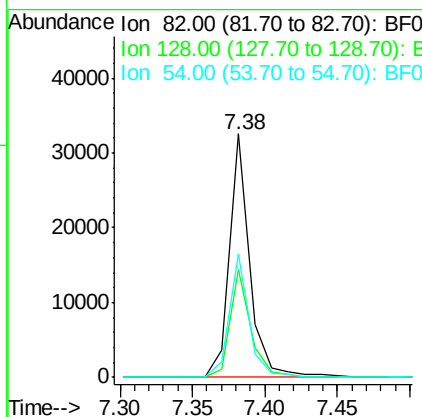
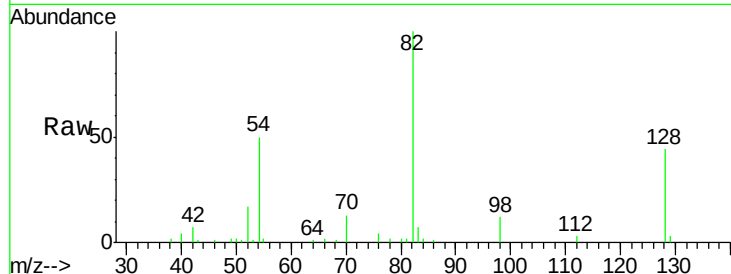
#23
 Nitrobenzene-d5
 Concen: 12.20 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.8	47.8
54	50.4	41.5	62.3

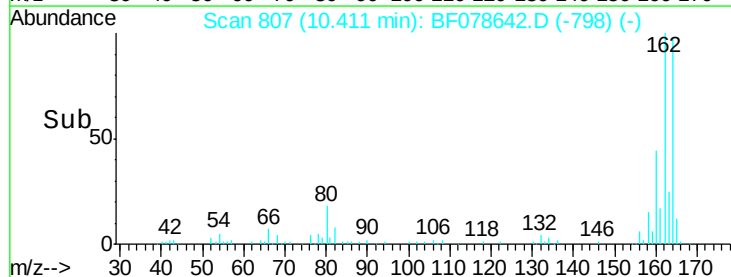
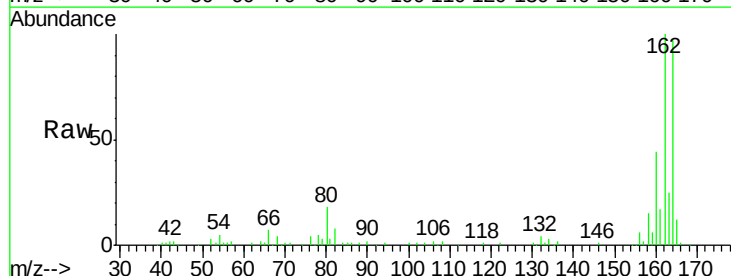
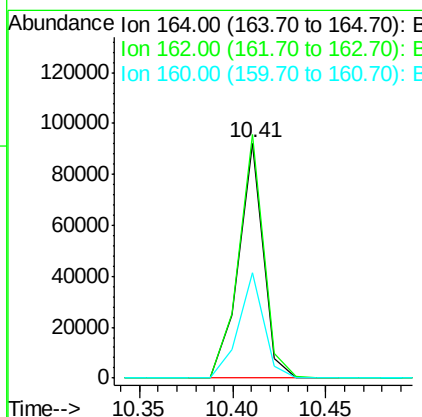
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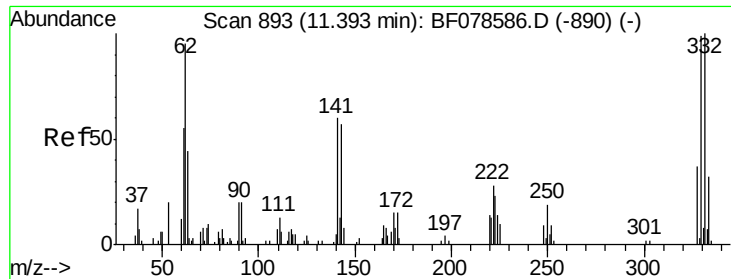
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.2
160	45.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 19.54 ng

RT: 11.38 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

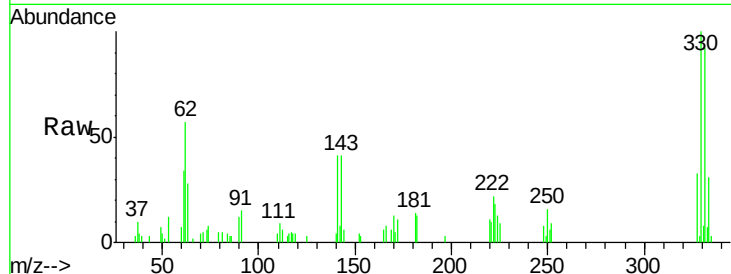
ClientSampleId :

LS-SB16ADL

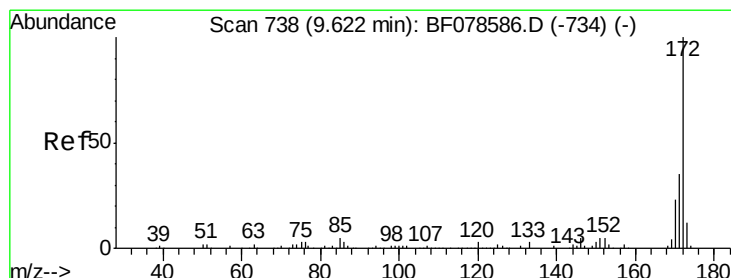
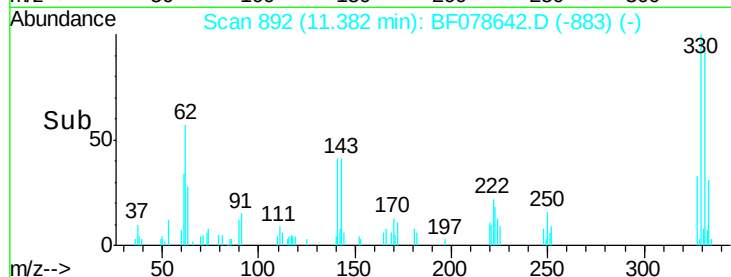
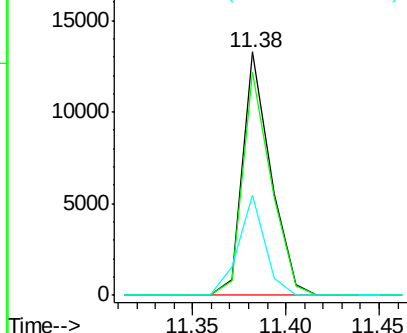
Tot Ion:	330	Resp:	13894
Ion Ratio	Lower	Upper	
330	100		
332	92.9	78.6	117.8
141	39.3	31.2	46.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 11.41 ng

RT: 9.61 min Scan# 737

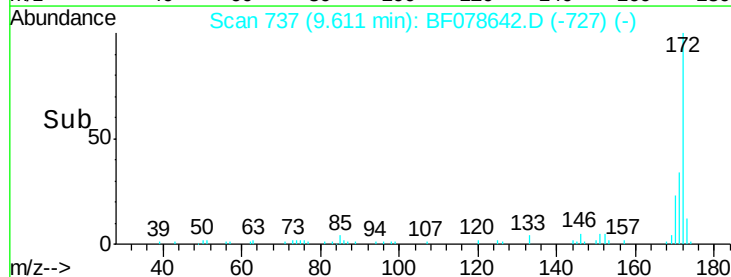
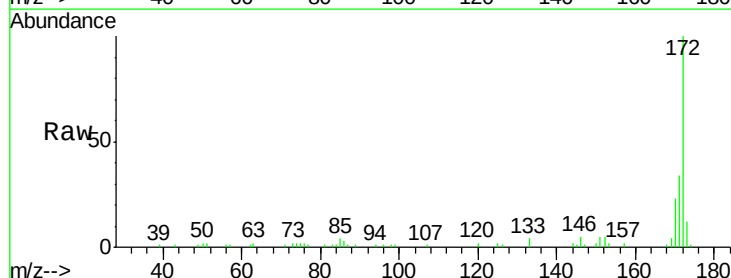
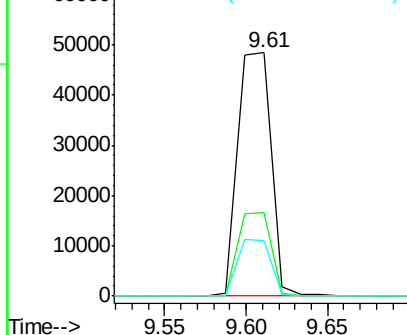
Delta R.T. 0.01 min

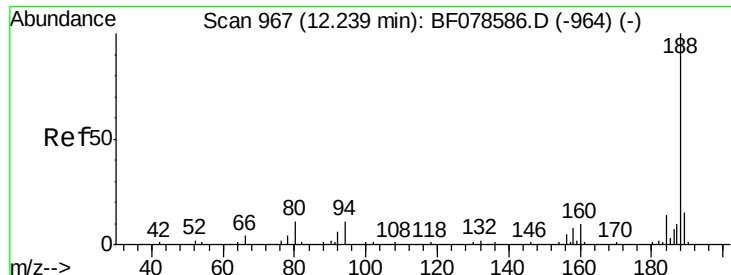
Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion:	172	Resp:	68463
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.6	42.8
170	22.8	18.5	27.7

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





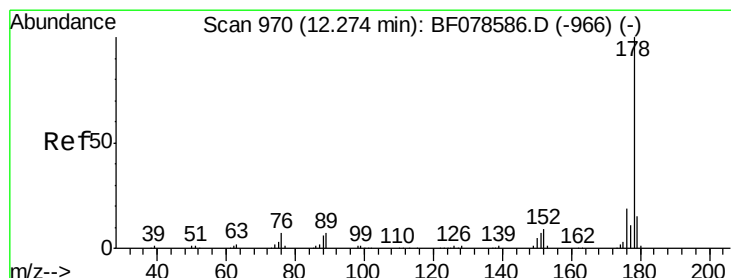
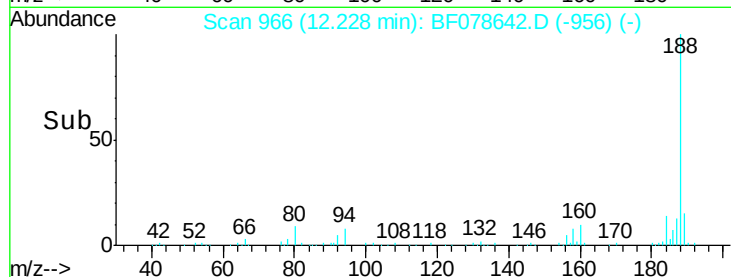
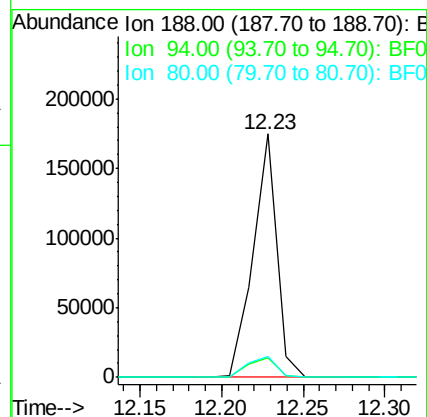
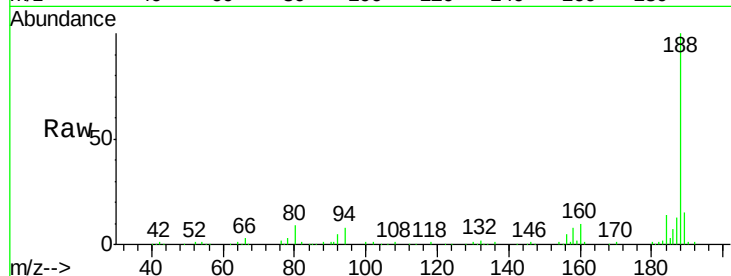
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.5	9.5	14.3#

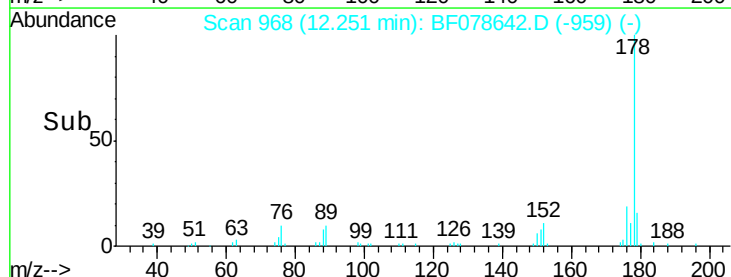
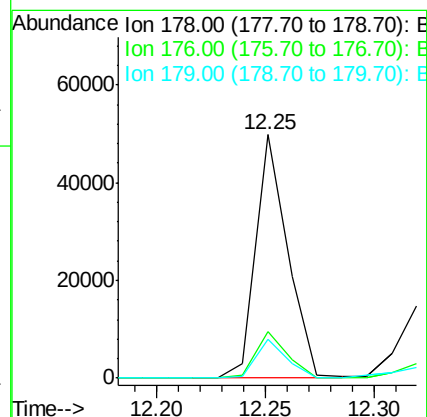
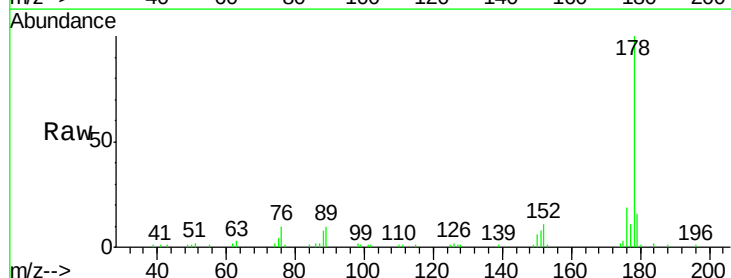
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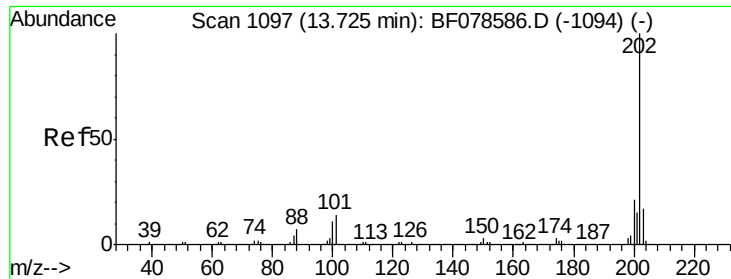
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#70
Phenanthrene
Concen: 5.04 ng
RT: 12.25 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.1	12.2	18.2





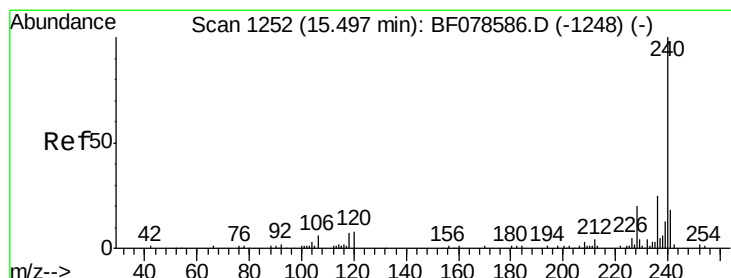
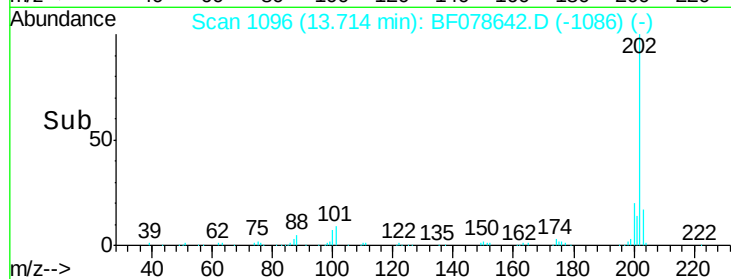
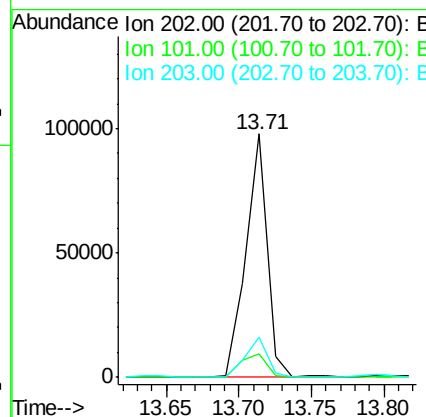
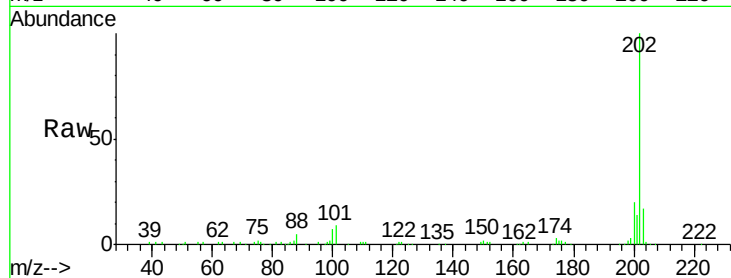
#74
Fluoranthene
Concen: 9.36 ng
RT: 13.71 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampled :
LS-SB16ADL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	35.2
203	16.5	0.0	38.5

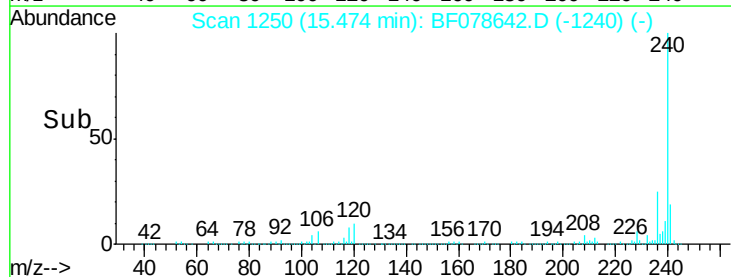
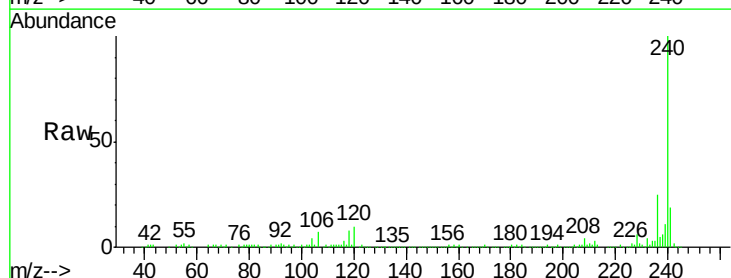
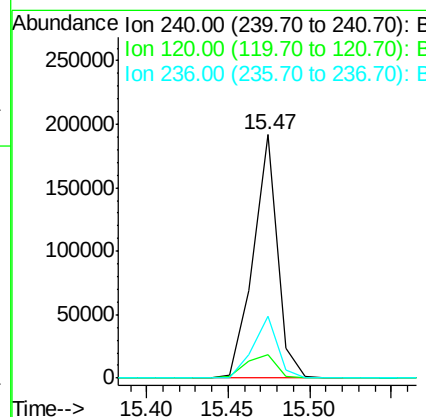
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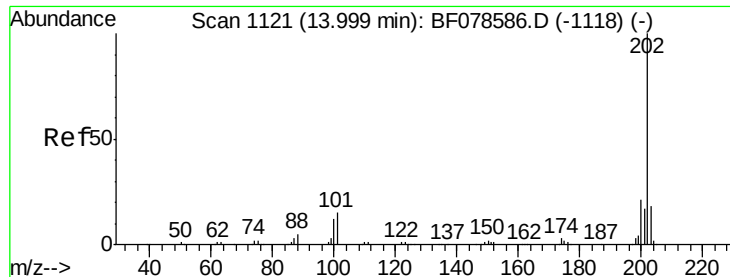
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	7.1	10.7
236	25.2	21.4	32.2





#77

Pvrene

Concen: 7.28 ng

RT: 13.99 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

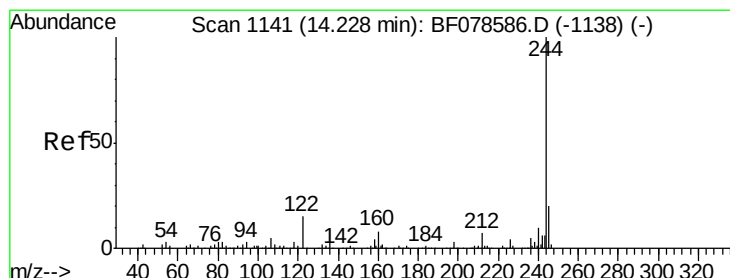
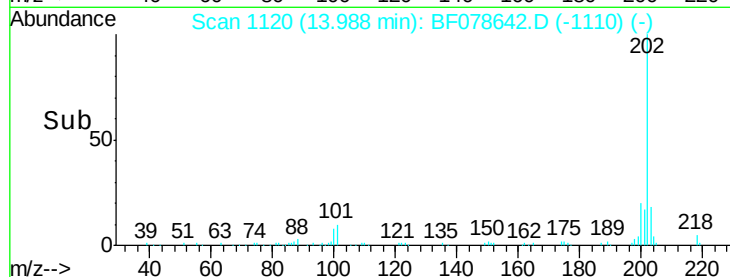
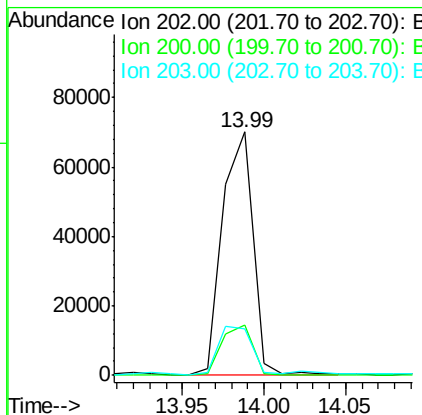
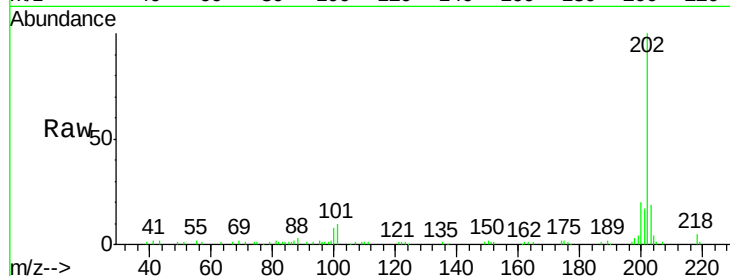
ClientSampleId :

LS-SB16ADL

Tot Ion:	202	Resp:	90767
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.3	24.5
203	19.1	13.8	20.6

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#78

Terphenyl-d14

Concen: 9.94 ng

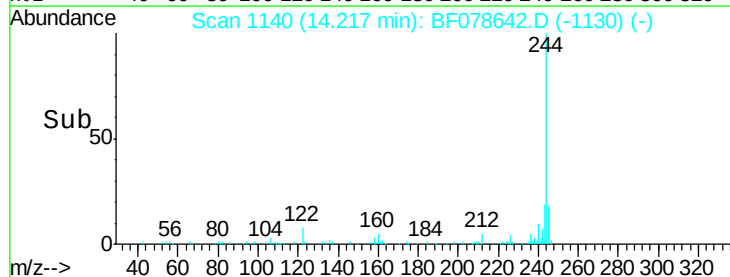
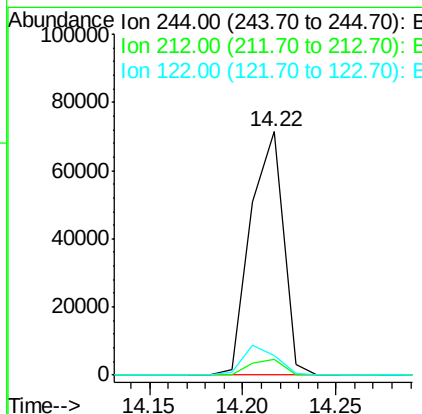
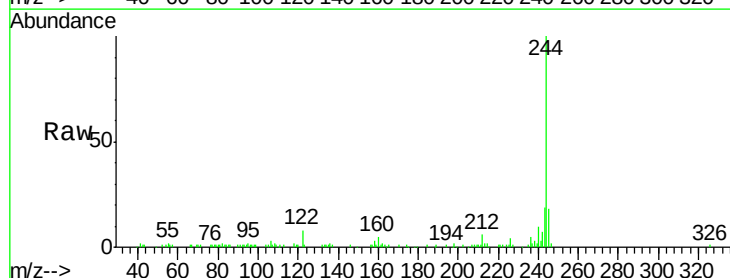
RT: 14.22 min Scan# 1140

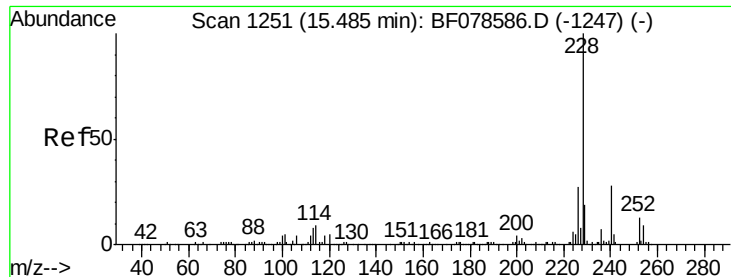
Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion:	244	Resp:	87380
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.0	7.4
122	8.0	7.1	10.7





#80

Benzo(a)anthracene

Concen: 4.76 ng m

RT: 15.46 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

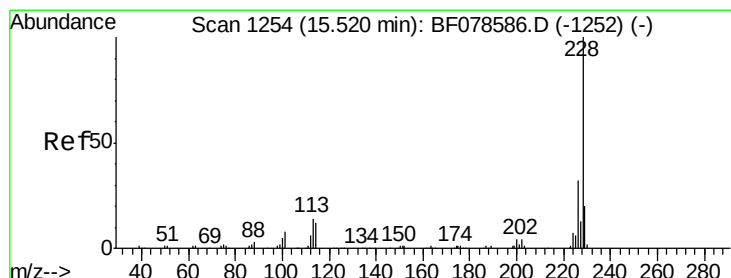
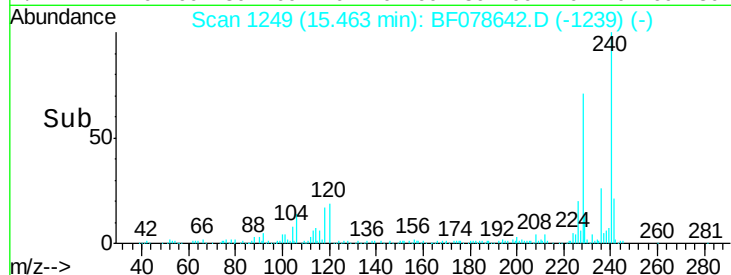
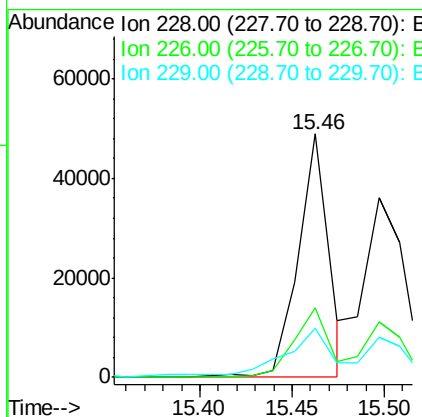
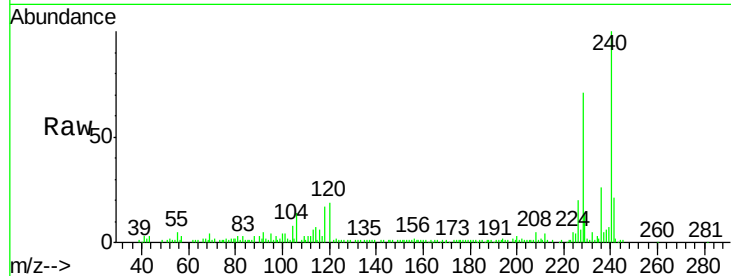
ClientSampleId :

LS-SB16ADL

Tot Ion:	228	Resp:	56253
Ion Ratio	Lower	Upper	
228	100		
226	28.5	21.3	31.9
229	20.1	15.4	23.2

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#82

Chrysene

Concen: 4.90 ng m

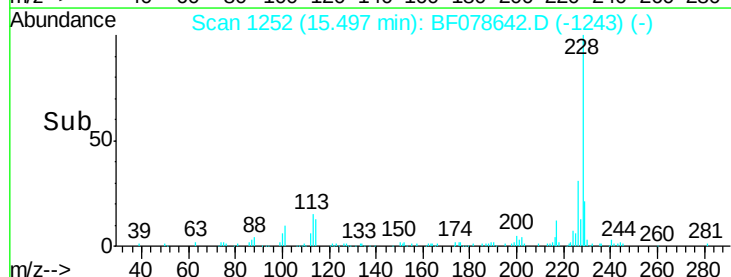
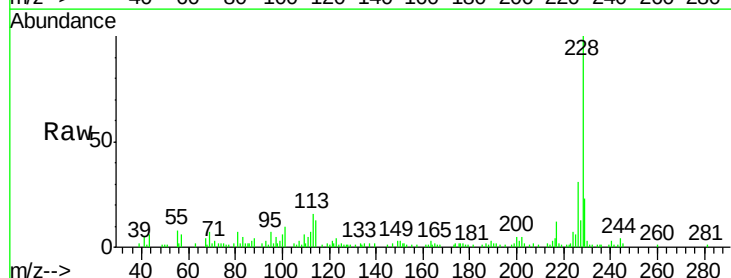
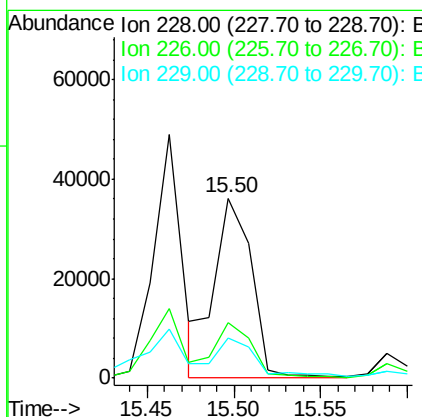
RT: 15.50 min Scan# 1252

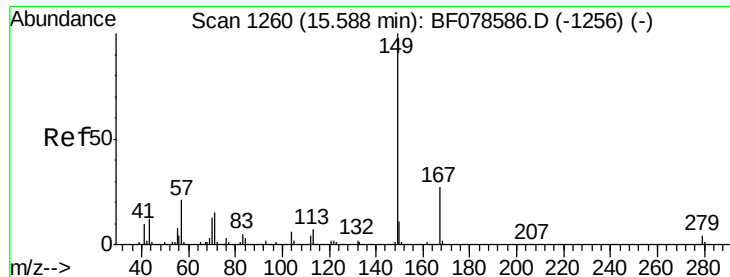
Delta R.T. 0.00 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion:	228	Resp:	54358
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.2	36.4
229	22.6	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.54 ng

RT: 15.57 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Instrument :

BNA_F

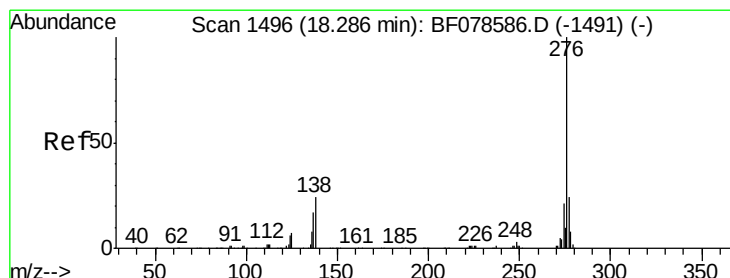
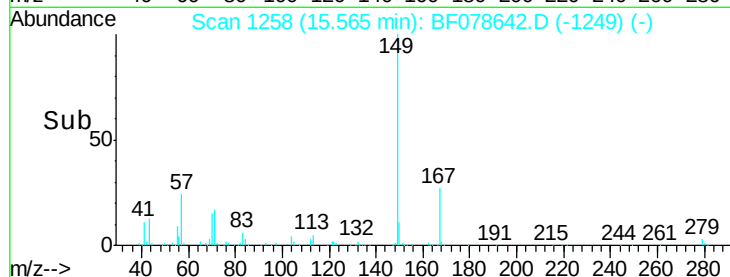
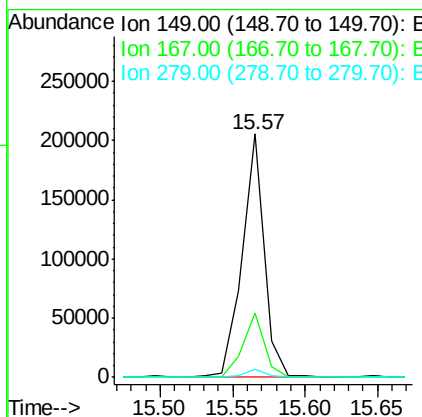
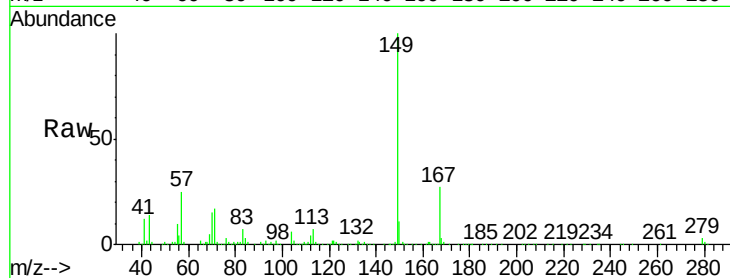
ClientSampleId :

LS-SB16ADL

Tot Ion:	149	Resp:	212680
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.2	33.2
279	3.3	3.2	4.8

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.33 ng m

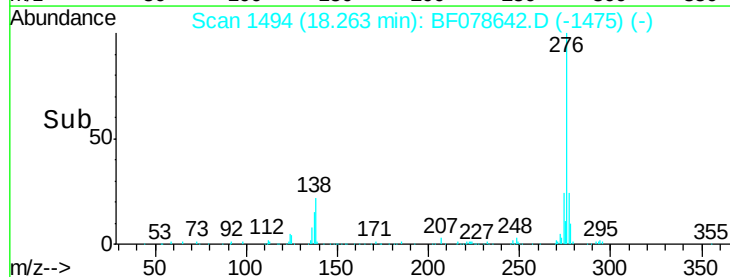
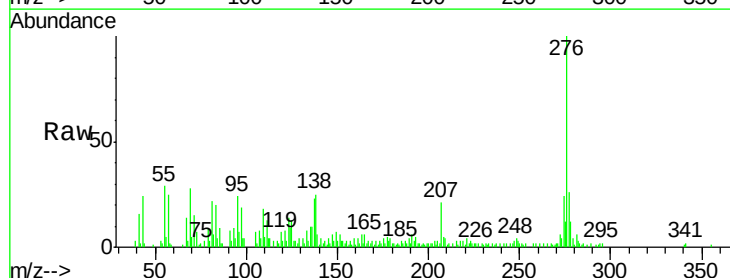
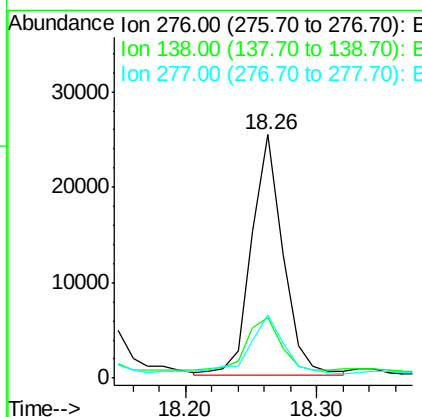
RT: 18.26 min Scan# 1494

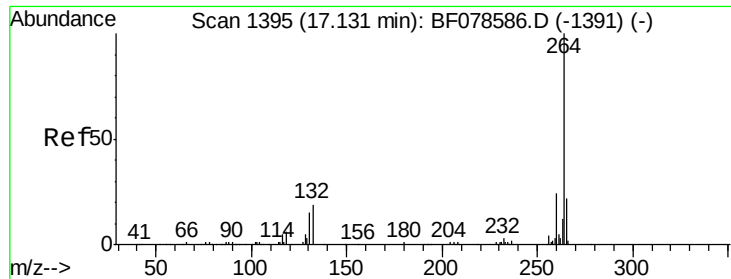
Delta R.T. -0.08 min

Lab File: BF078642.D

Acq: 18 Apr 2015 13:47

Tgt Ion:	276	Resp:	41903
Ion Ratio	Lower	Upper	
276	100		
138	5.3	16.9	25.3#
277	4.2	15.8	23.6#





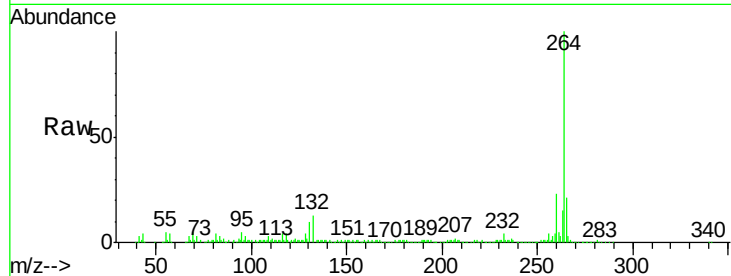
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

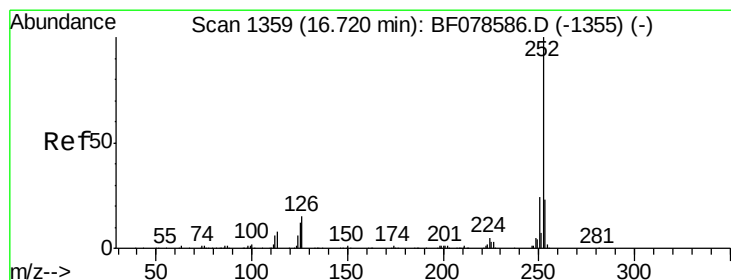
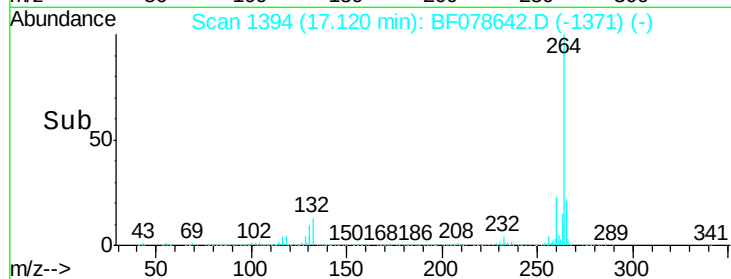
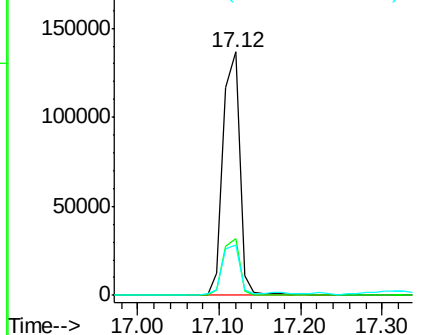
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.8	17.0	25.6

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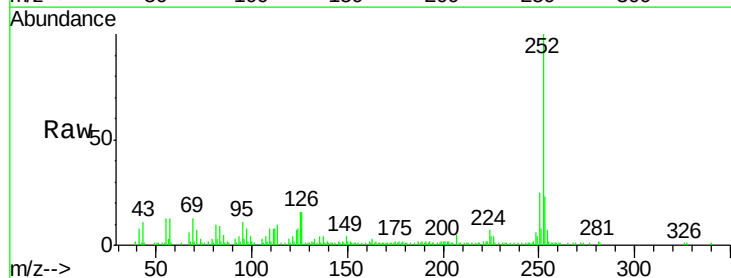


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

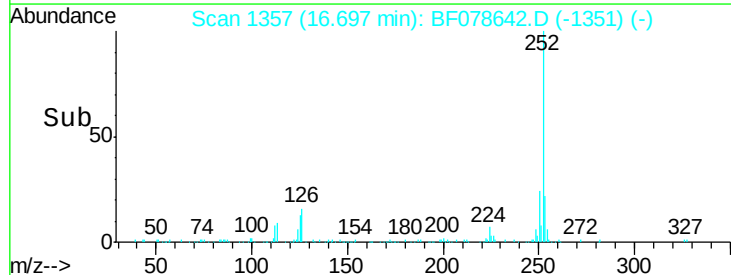
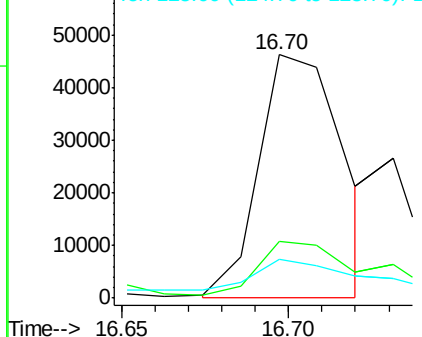


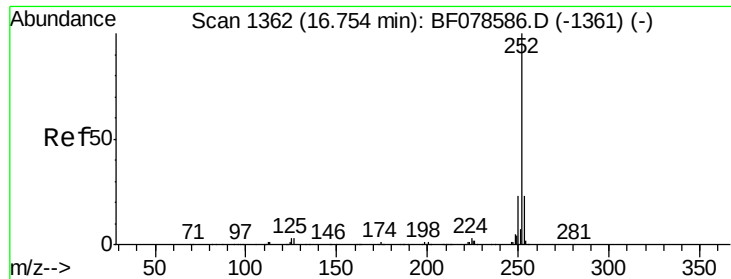
#87
Benzo(b)fluoranthene
Concen: 6.78 ng m
RT: 16.70 min Scan# 1357
Delta R.T. -0.03 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	16.2	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





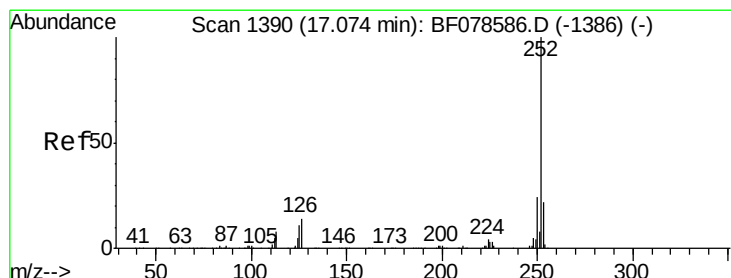
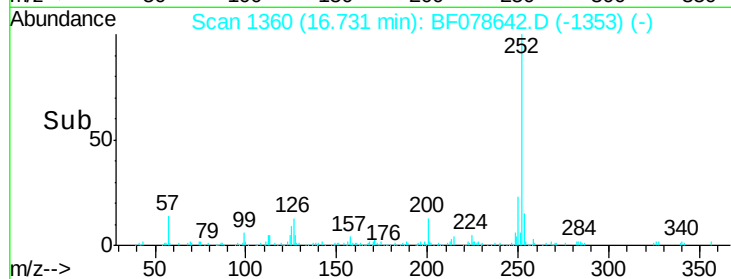
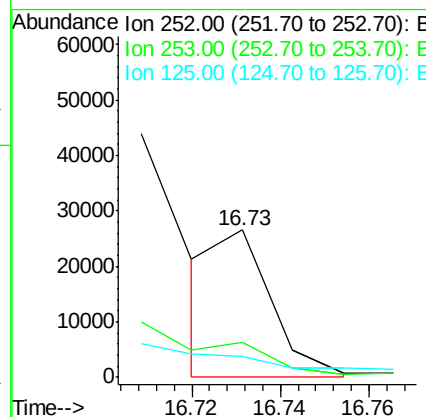
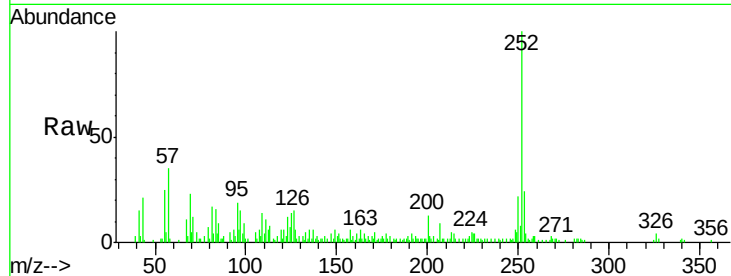
#88
Benzo(k)fluoranthene
Concen: 2.06 ng m
RT: 16.73 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Instrument :
BNA_F
ClientSampleId :
LS-SB16ADL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	14.5	11.6	17.4

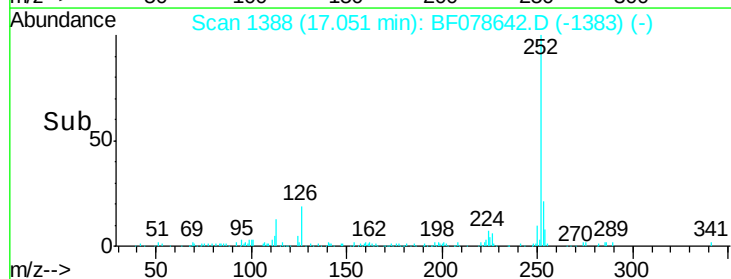
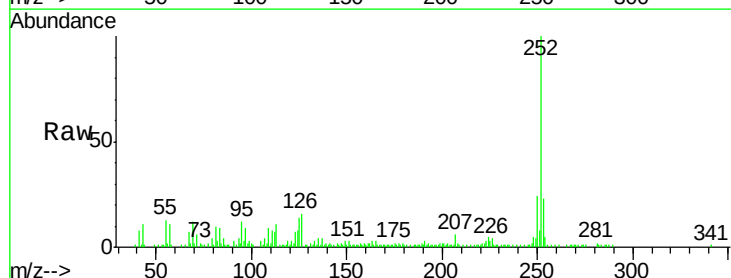
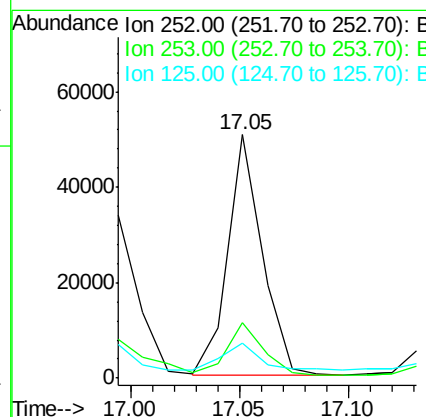
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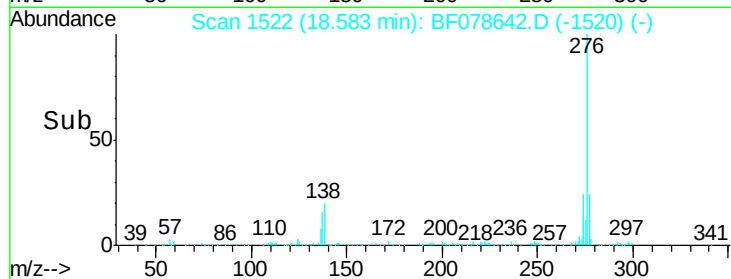
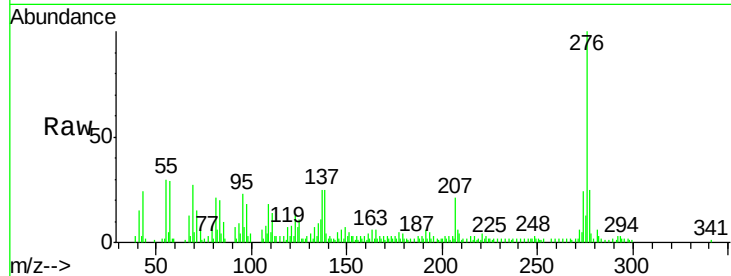
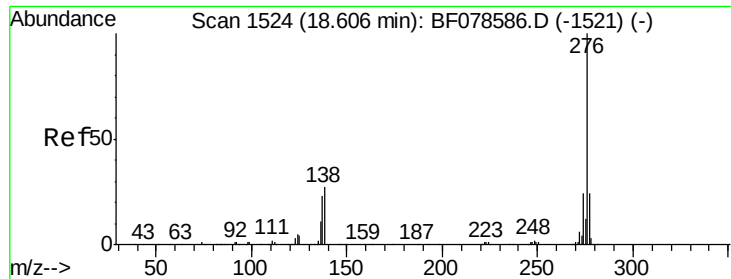
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#89
Benzo(a)pyrene
Concen: 5.22 ng
RT: 17.05 min Scan# 1388
Delta R.T. -0.05 min
Lab File: BF078642.D
Acq: 18 Apr 2015 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	14.3	7.4	11.0#





#91
 Benzo(a,h,i)perylene
 Concen: 3.63 ng
 RT: 18.58 min Scan# 1522
 Delta R.T. -0.08 min
 Lab File: BF078642.D
 Acq: 18 Apr 2015 13:47

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16ADL

Tot Ion:	276	Resp:	38353
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.4
138	24.8	19.9	29.9

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