

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078687.D
 Acq On : 21 Apr 2015 16:59
 Operator : TP/IZ
 Sample : G1943-02RE 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-2RE

Manual Integrations
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Quant Time: Apr 22 10:57:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	25856	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	108787	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	55424	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	111149	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	122555	20.00	ng	-0.01
86) Perylene-d12	19.49	264	121622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	14550	9.28	ng	0.01
7) Phenol-d6	5.32	99	19876	10.11	ng	0.00
23) Nitrobenzene-d5	6.75	82	11443	6.38	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	5131	11.16	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	26779	6.91	ng	-0.01
78) Terphenyl-d14	16.43	244	32084	5.92	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	13.94	178	23849	3.71	ng	98
74) Fluoranthene	15.83	202	55823	8.23	ng	94
77) Pyrene	16.14	202	49461	6.43	ng	97
80) Benzo(a)anthracene	17.76	228	27246m	3.74	ng	
82) Chrysene	17.81	228	19967	2.91	ng	97
87) Benzo(b)fluoranthene	19.05	252	33082m	4.40	ng	
89) Benzo(a)pyrene	19.42	252	21717	3.31	ng	# 96
91) Benzo(g,h,i)perylene	20.97	276	14063	2.14	ng	98

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

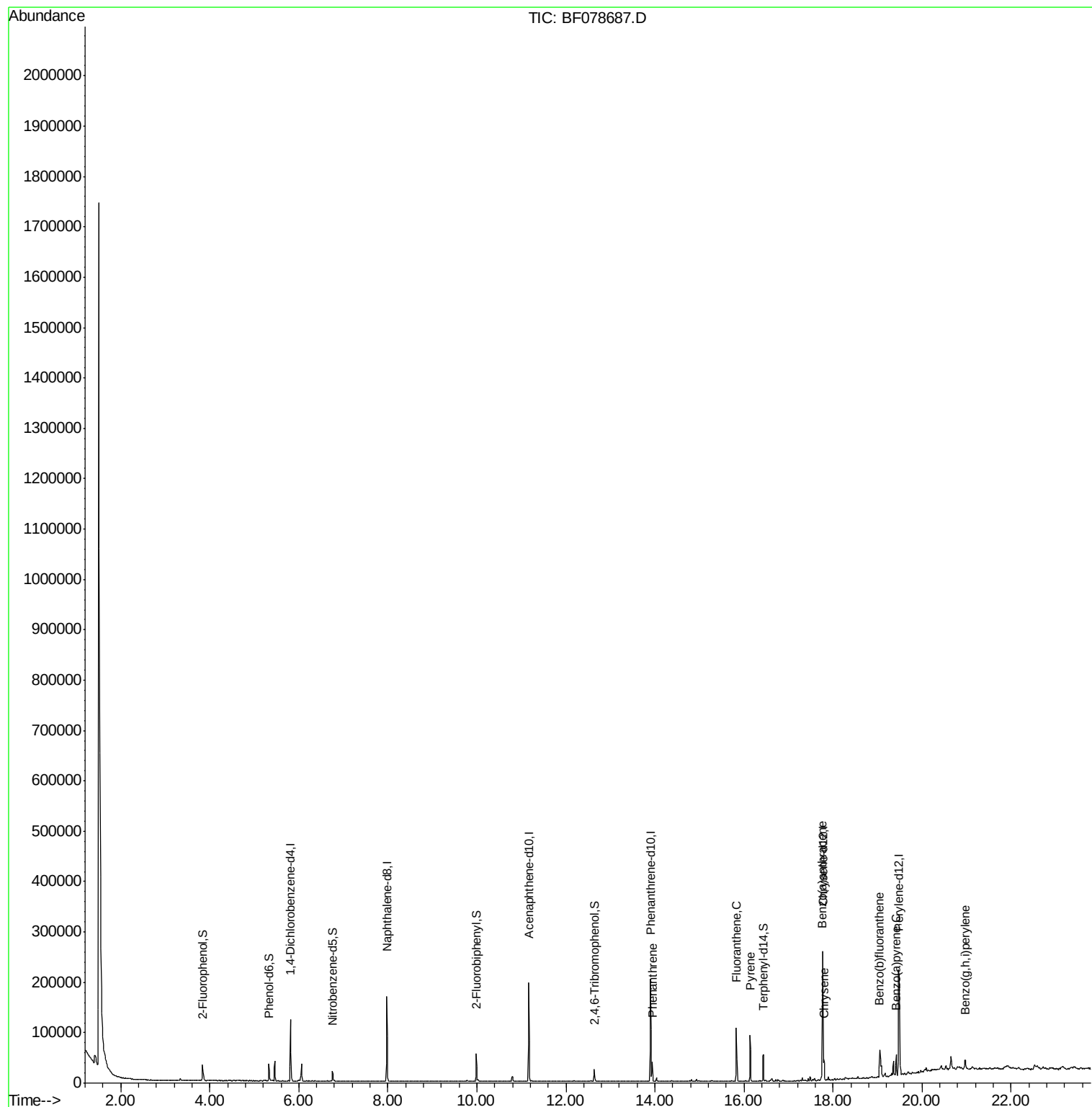
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
Data File : BF078687.D
Acq On : 21 Apr 2015 16:59
Operator : TP/IZ
Sample : G1943-02RE 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

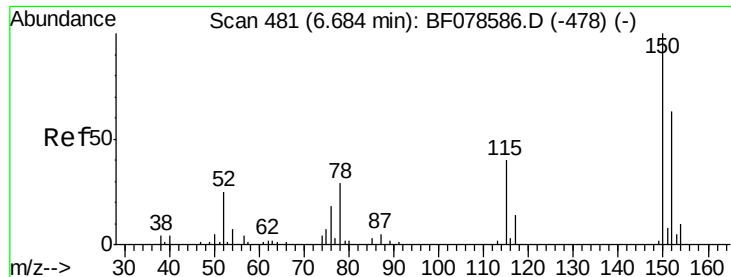
Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Manual Integrations
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Quant Time: Apr 22 10:57:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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#1

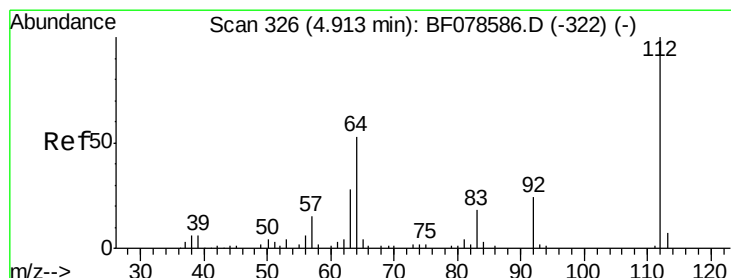
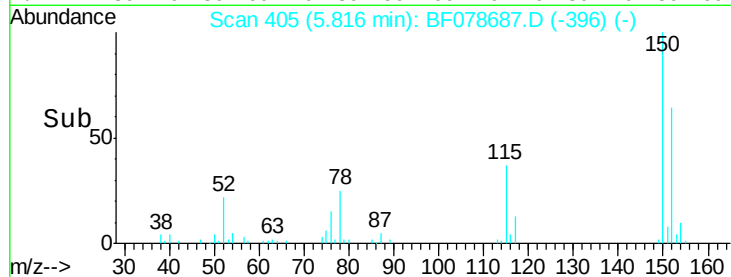
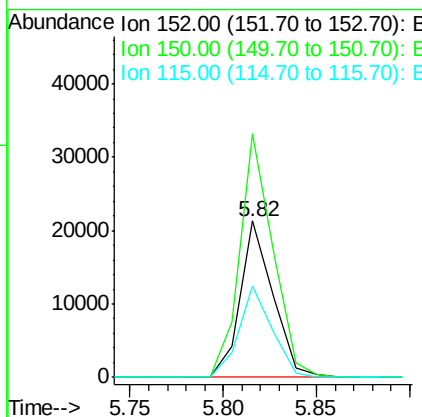
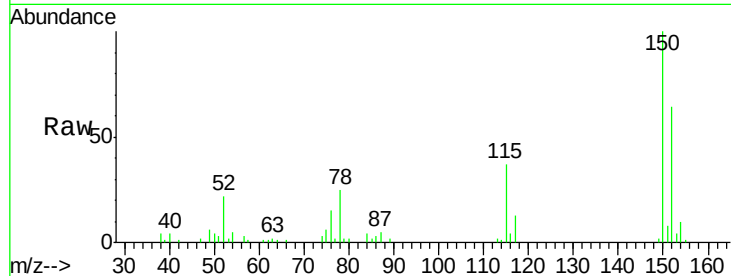
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.9	188.9
115	58.5	52.7	79.1

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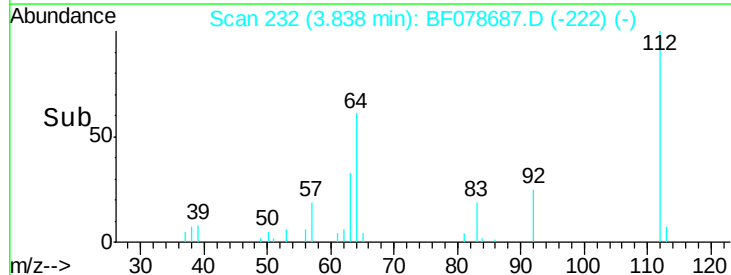
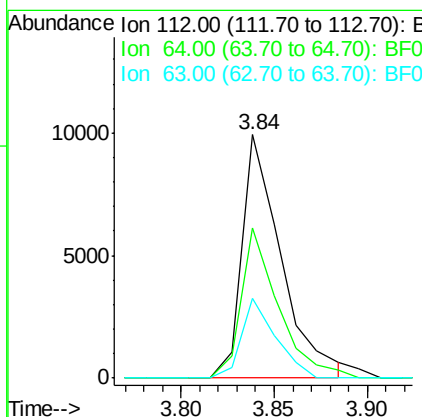
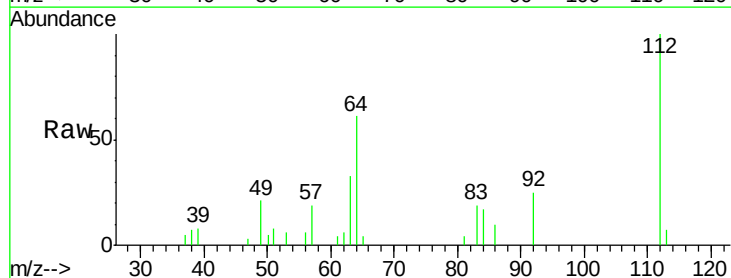
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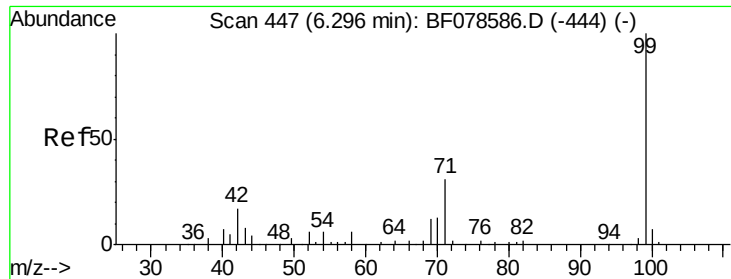


#5

2-Fluorophenol
Concen: 9.28 ng
RT: 3.84 min Scan# 232
Delta R.T. 0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	39.9	59.9#
63	32.8	20.2	30.4#





#7

Phenol-d6

Concen: 10.11 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

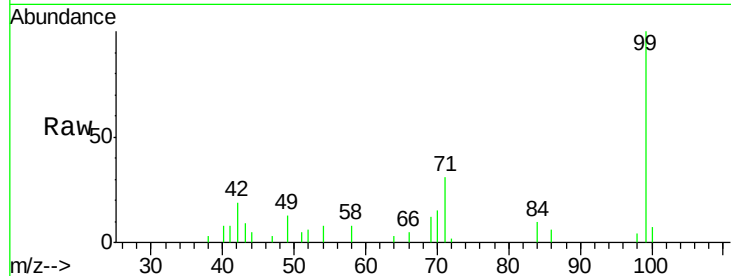
ClientSampleId :

SP-A-2RE

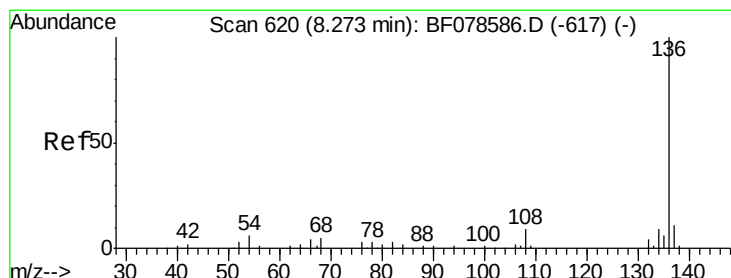
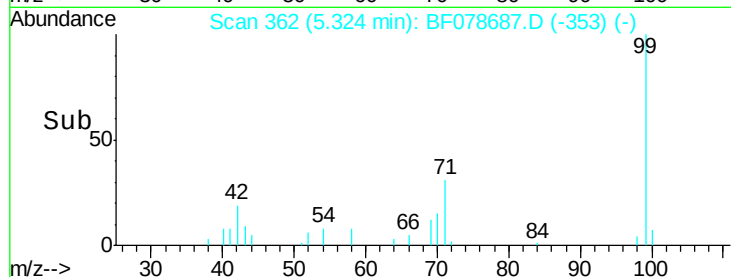
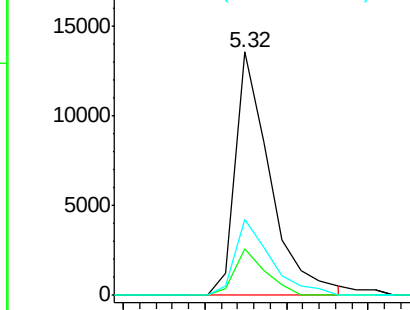
Tot Ion:	99	Resp:	19876
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.8	22.2
71	31.2	26.6	39.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 594

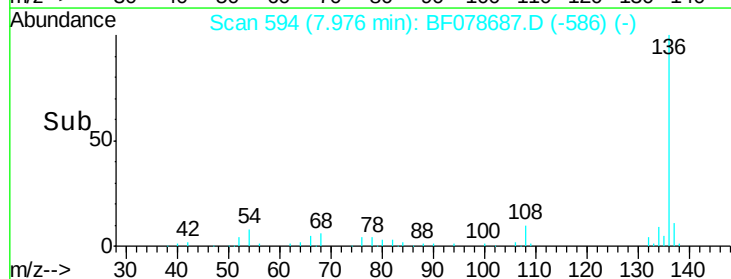
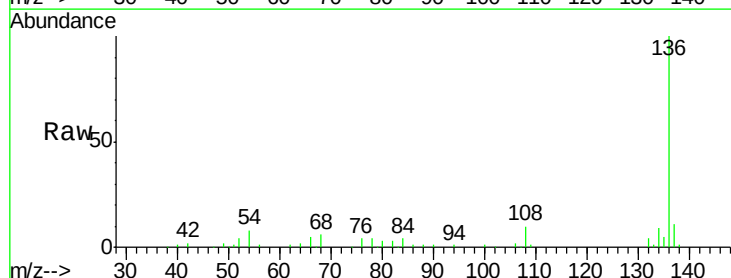
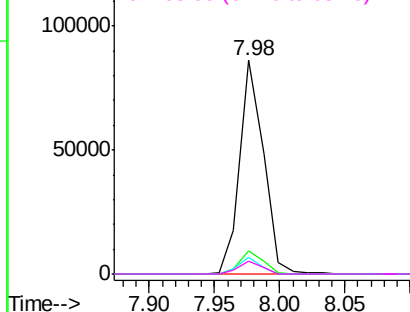
Delta R.T. -0.01 min

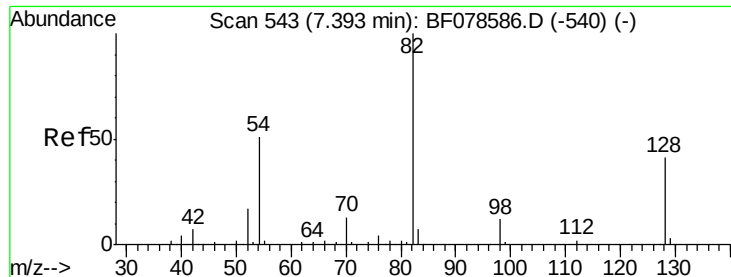
Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Tgt Ion:	136	Resp:	108787
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.8	7.0	10.6
68	5.9	5.4	8.2

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





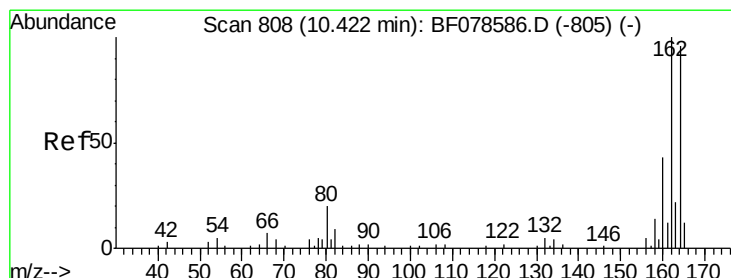
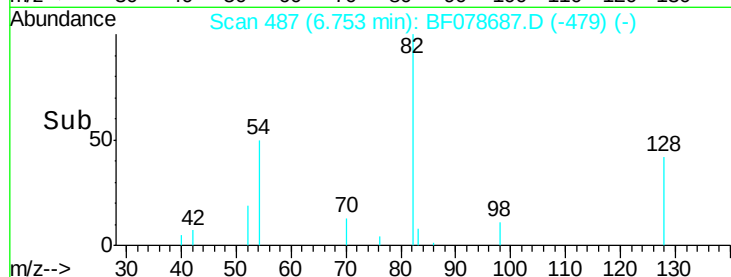
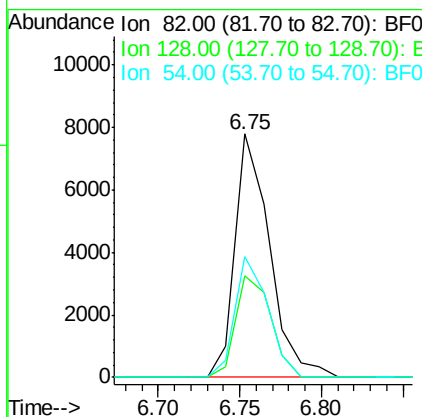
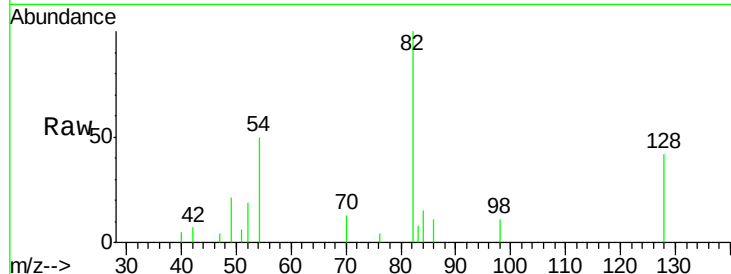
#23
 Nitrobenzene-d5
 Concen: 6.38 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Instrument :
 BNA_F
 ClientSampleID :
 SP-A-2RE

Tot Ion:	82	Resp:	11443
Ion Ratio	Lower	Upper	
82	100		
128	41.6	31.8	47.8
54	49.5	41.5	62.3

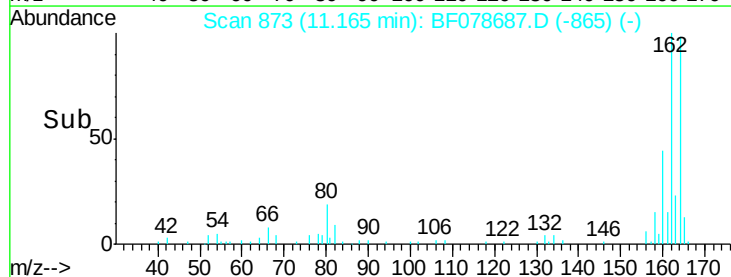
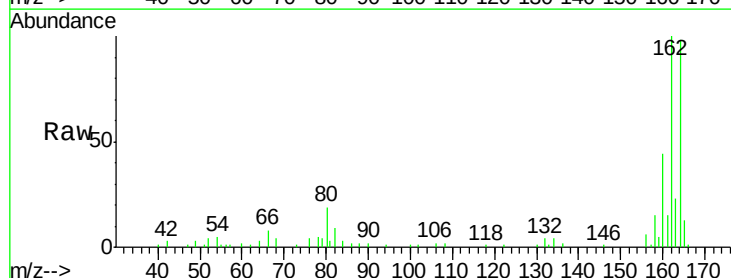
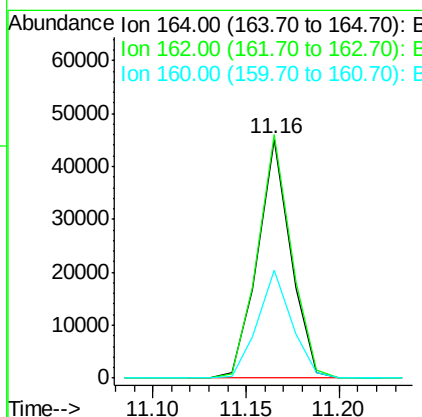
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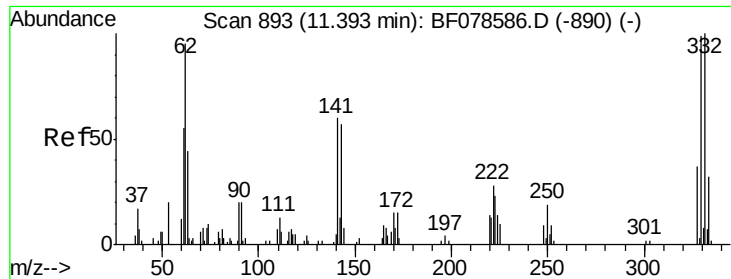
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078687.D
 Acq: 21 Apr 2015 16:59

Tgt Ion:	164	Resp:	55424
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.2	123.2
160	45.0	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 11.16 ng

RT: 12.64 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

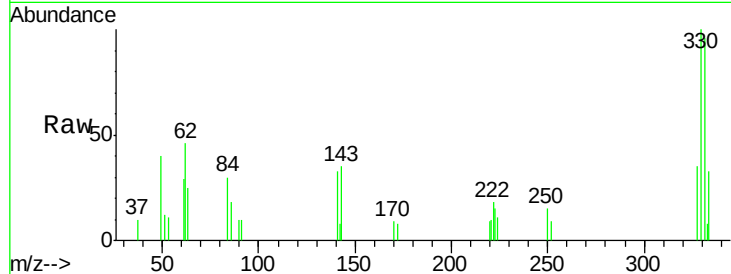
ClientSampled :

SP-A-2RE

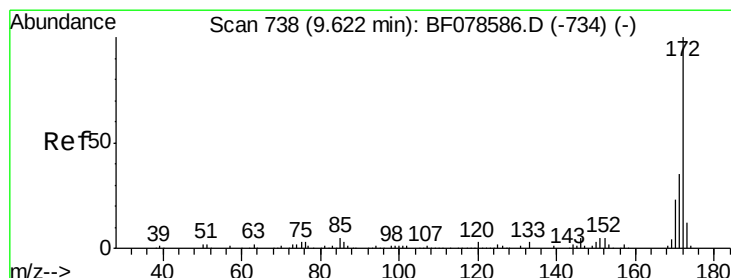
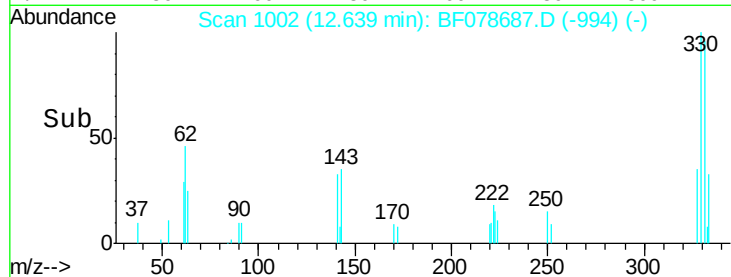
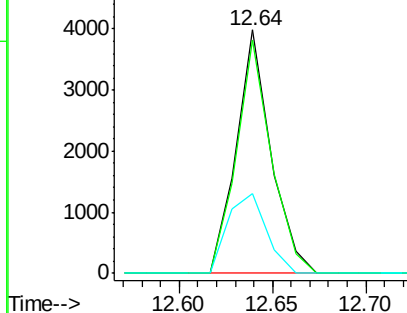
Tot Ion:	330	Resp:	5131
Ion Ratio	Lower	Upper	
330	100		
332	96.6	78.6	117.8
141	36.8	31.2	46.8

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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: 6.91 ng

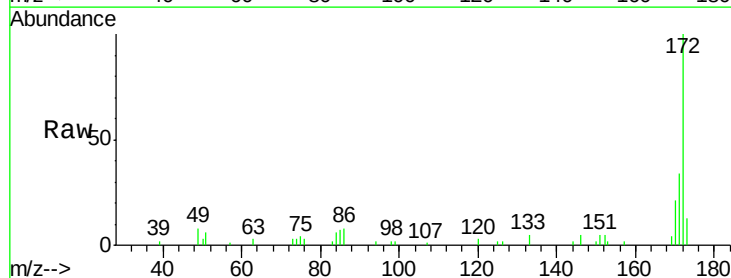
RT: 9.99 min Scan# 770

Delta R.T. -0.01 min

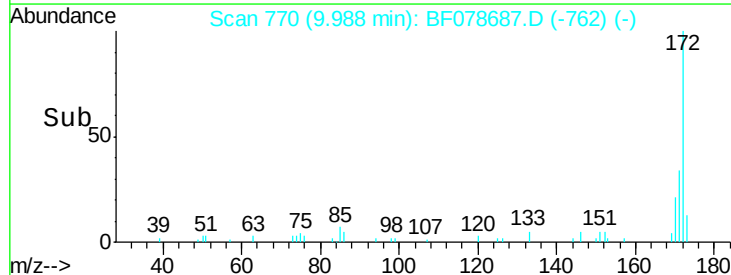
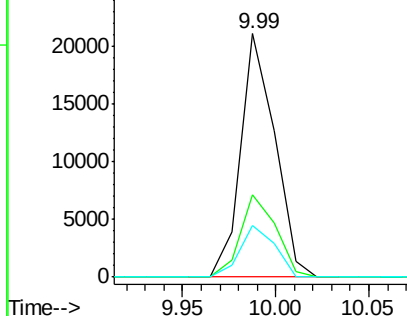
Lab File: BF078687.D

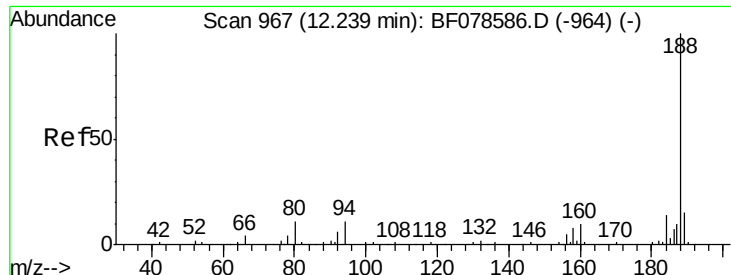
Acq: 21 Apr 2015 16:59

Tgt Ion:	172	Resp:	26779
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.6	42.8
170	21.0	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





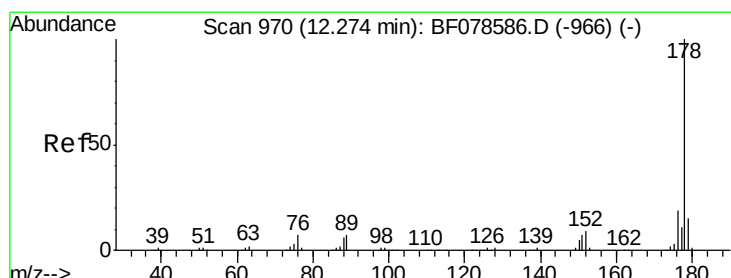
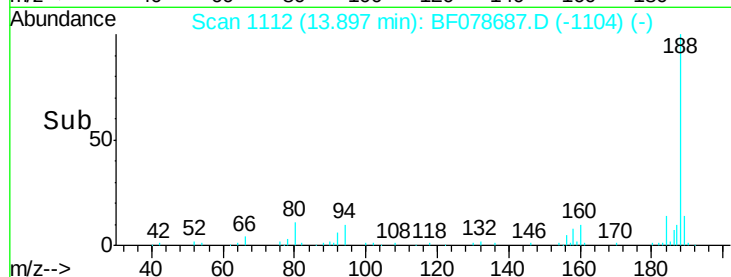
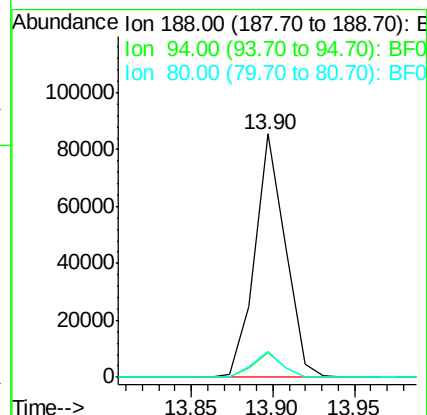
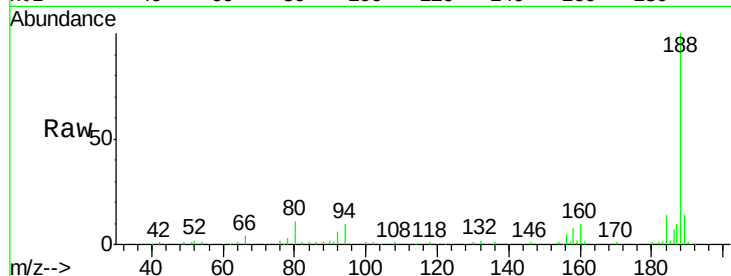
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampled :
SP-A-2RE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	9.0	13.4
80	10.6	9.5	14.3

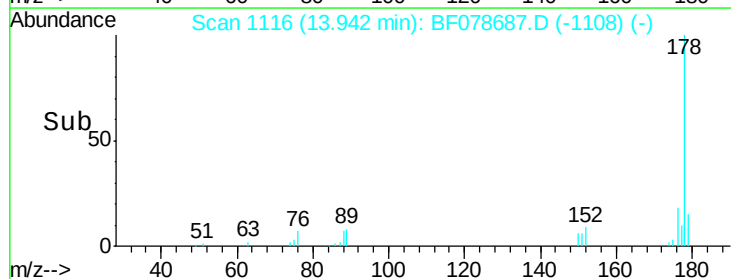
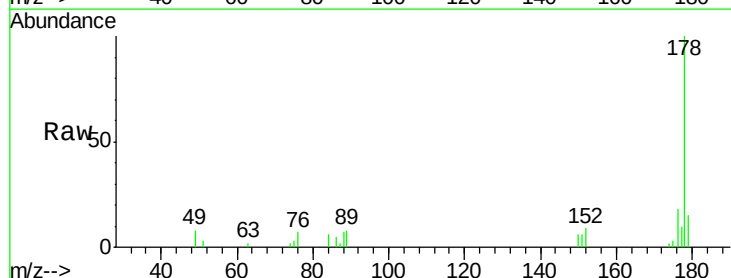
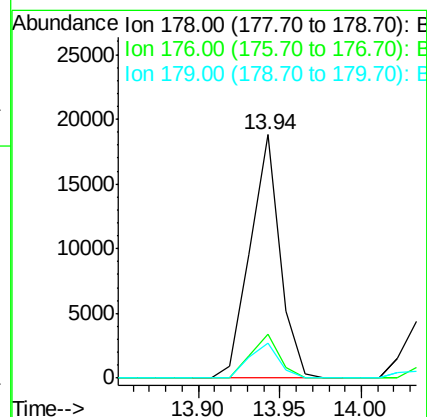
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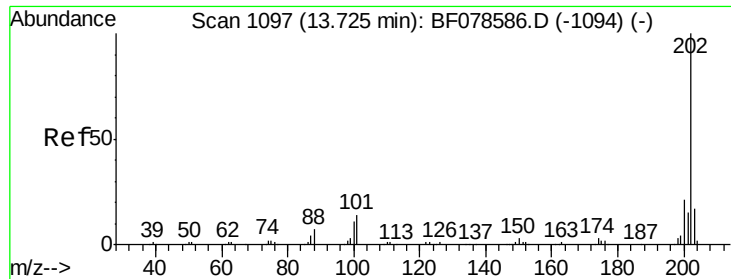
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#70
Phenanthrene
Concen: 3.71 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.0	15.4	23.0
179	14.6	12.2	18.2





#74

Fluoranthene

Concen: 8.23 ng

RT: 15.83 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

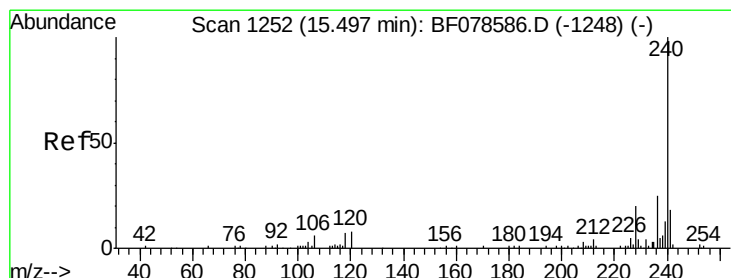
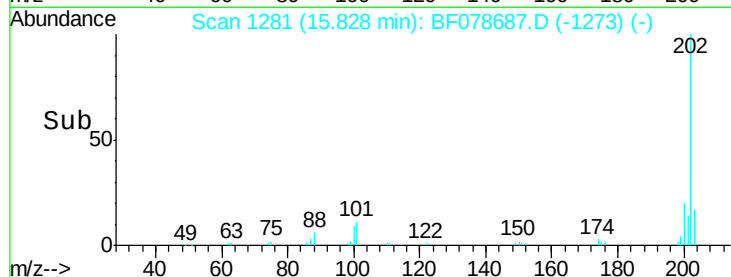
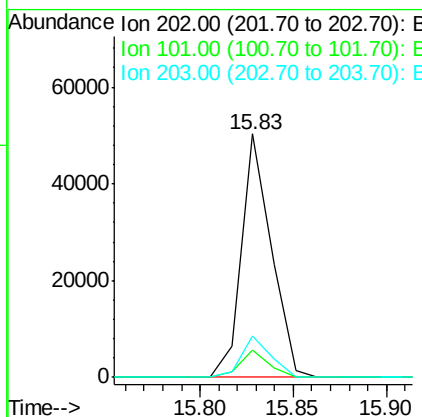
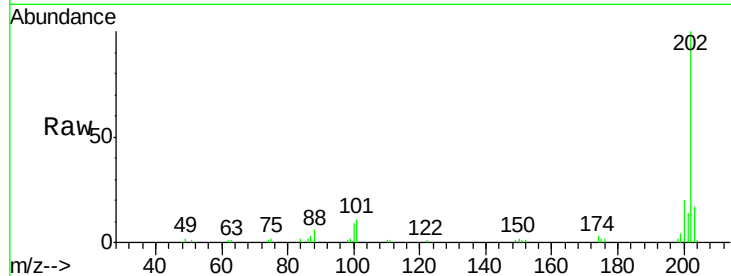
ClientSampleId :

SP-A-2RE

Tot Ion	Ratio	Resp	Lower	Upper
202	100	55823		
101	11.2	0.0	35.2	
203	16.9	0.0	38.5	

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#75

Chrysene-d12

Concen: 20.00 ng

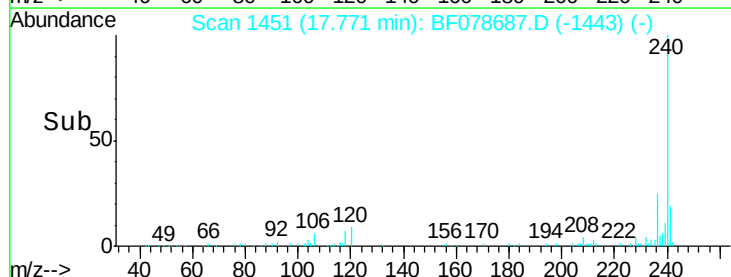
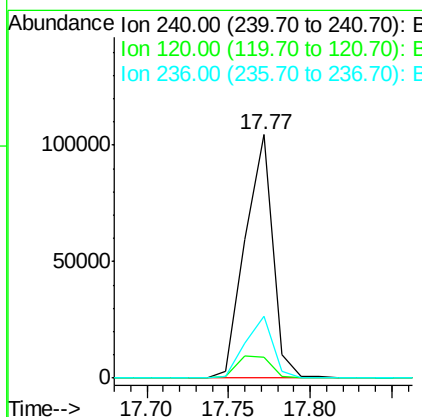
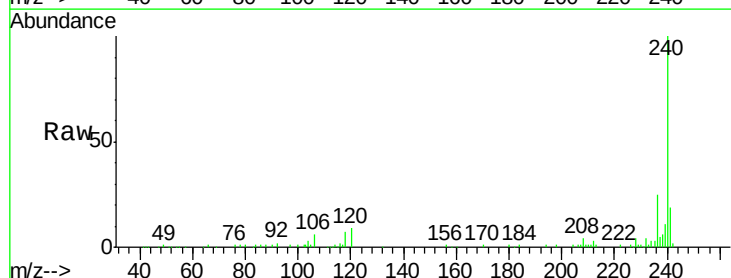
RT: 17.77 min Scan# 1451

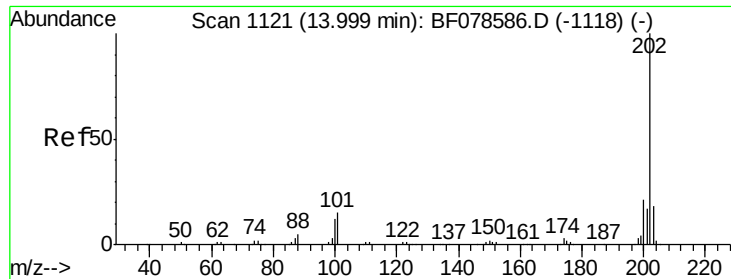
Delta R.T. -0.01 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	122555		
120	8.6	7.1	10.7	
236	25.2	21.4	32.2	





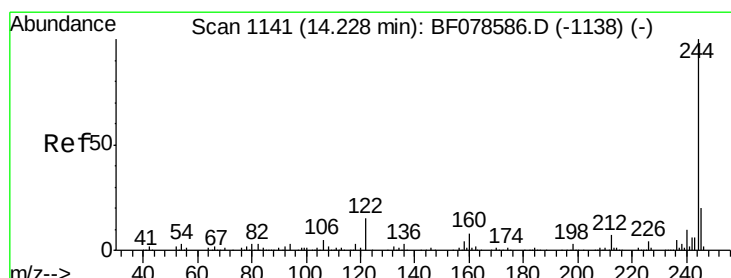
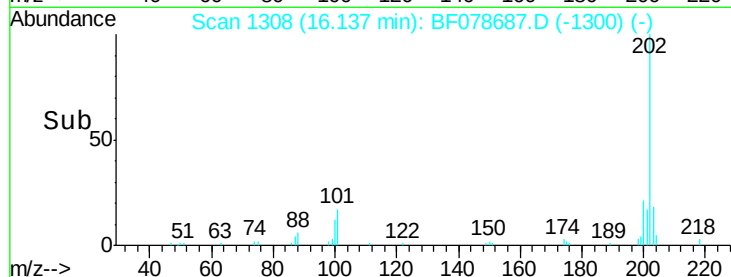
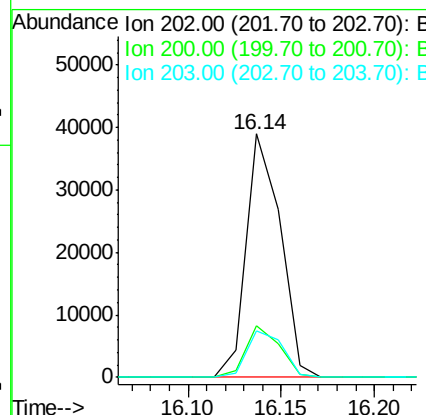
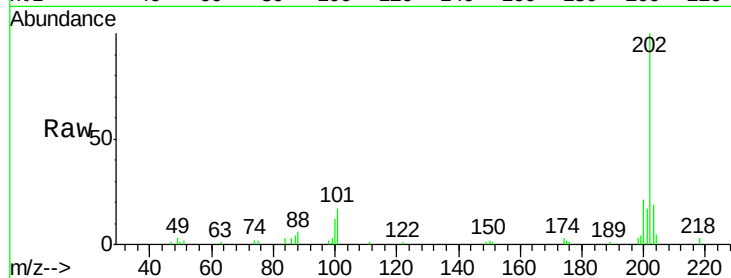
#77
Pvrene
Concen: 6.43 ng
RT: 16.14 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	19.3	13.8	20.6

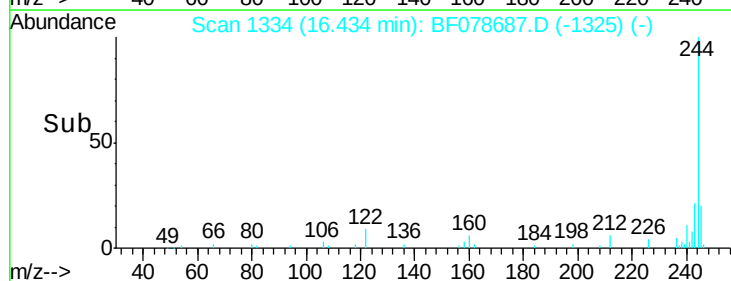
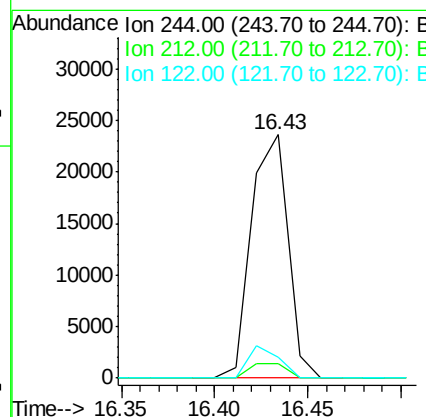
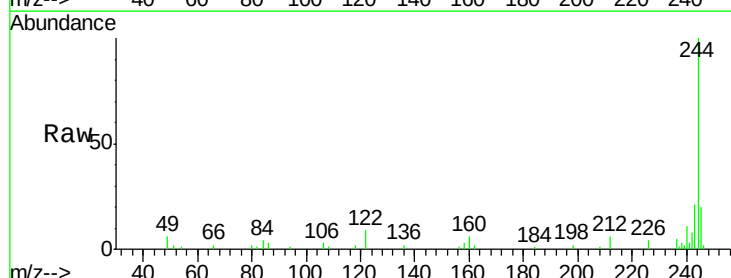
Manual Integrations
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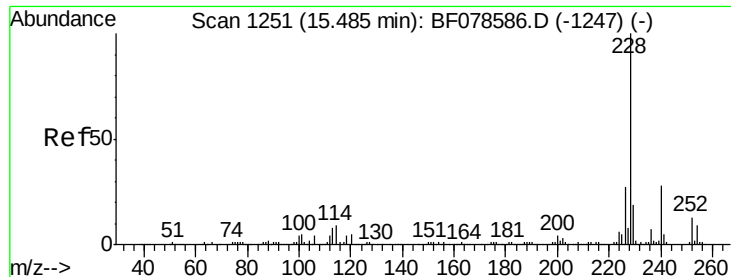
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#78
Terphenyl-d14
Concen: 5.92 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.0	7.4
122	8.6	7.1	10.7





#80

Benzo(a)anthracene

Concen: 3.74 ng

RT: 17.76 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Instrument :

BNA_F

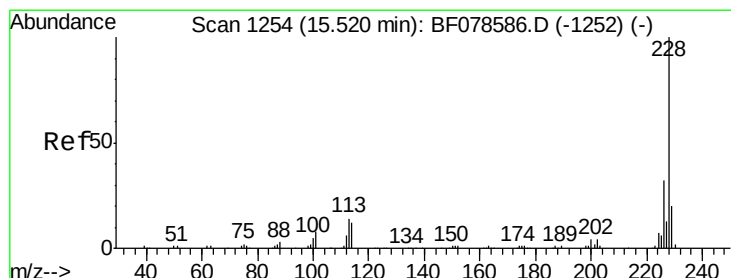
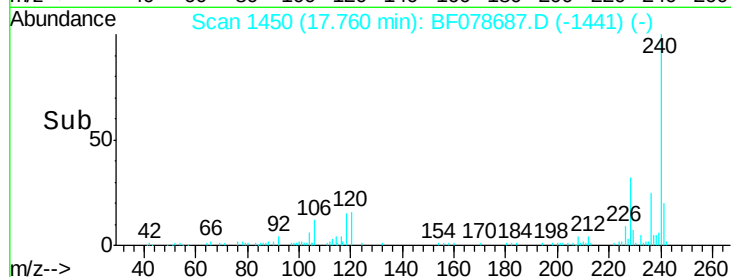
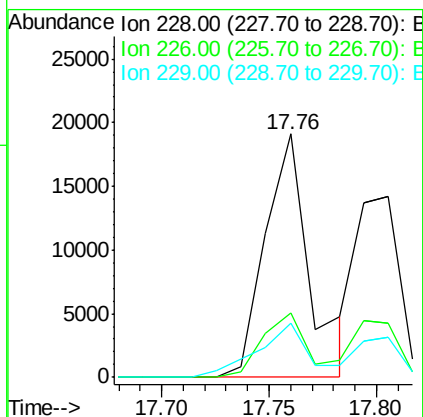
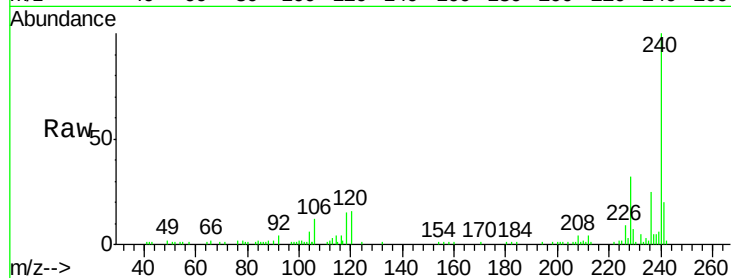
ClientSampled :

SP-A-2RE

Tot Ion:	228	Resp:	27246
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.3	31.9
229	22.4	15.4	23.2

Manual Integrations
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#82

Chrysene

Concen: 2.91 ng

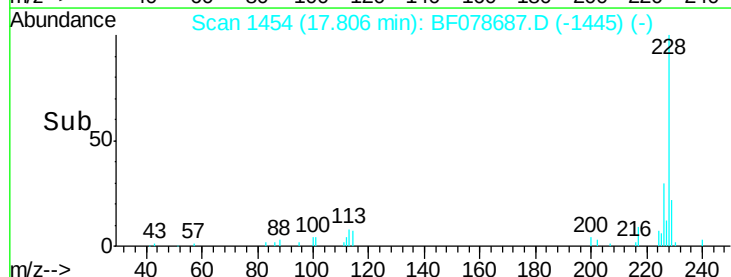
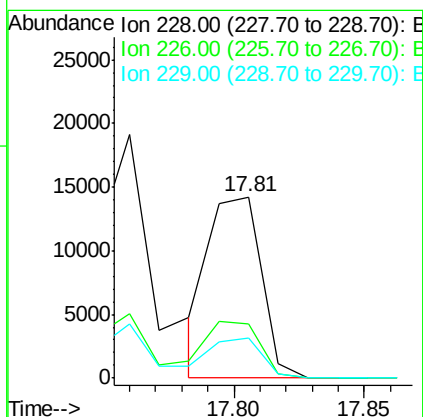
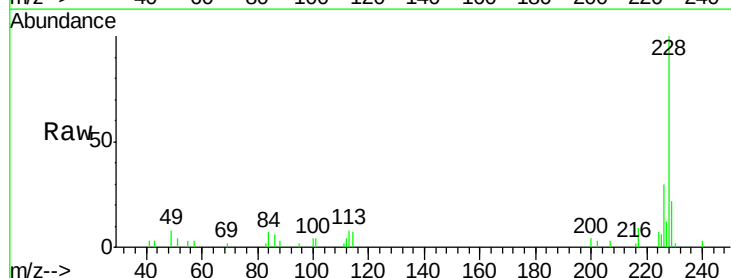
RT: 17.81 min Scan# 1454

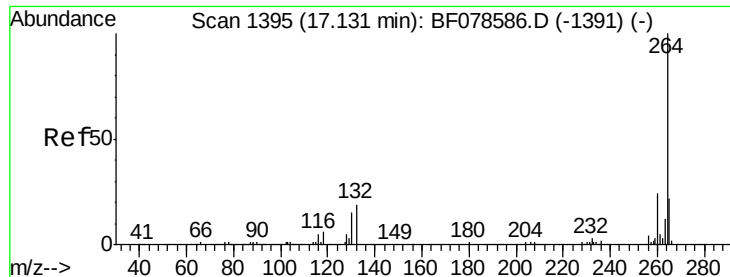
Delta R.T. -0.00 min

Lab File: BF078687.D

Acq: 21 Apr 2015 16:59

Tgt Ion:	228	Resp:	19967
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.2	36.4
229	22.4	15.8	23.8





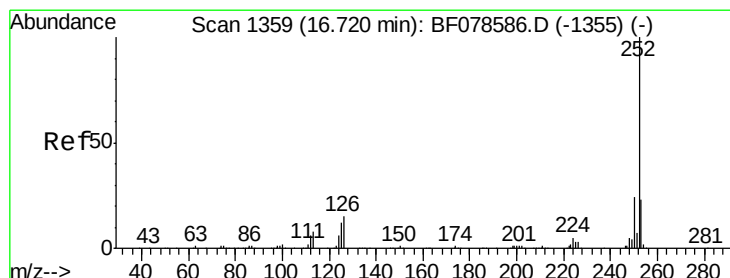
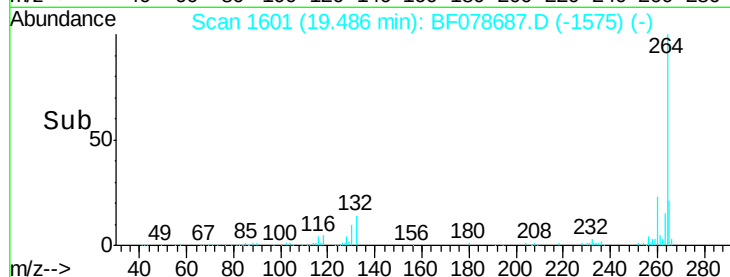
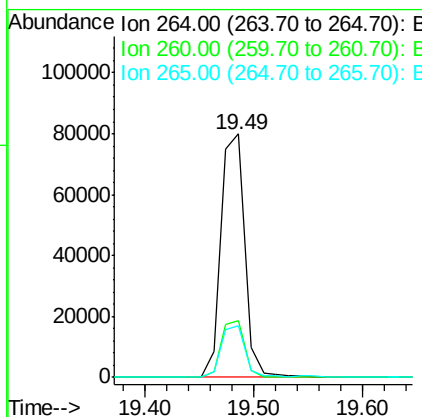
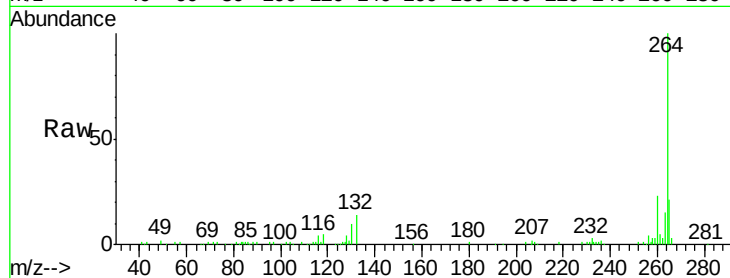
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.49 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	17.0	25.6

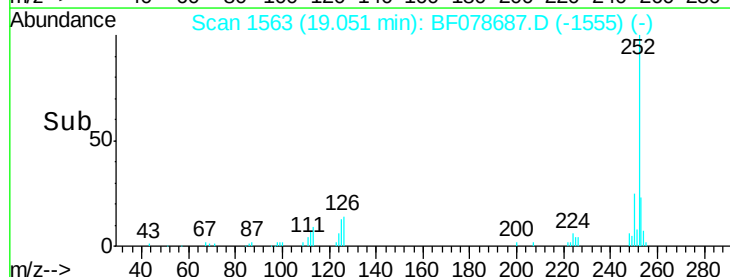
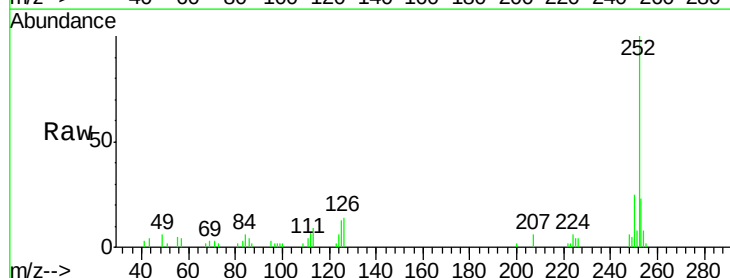
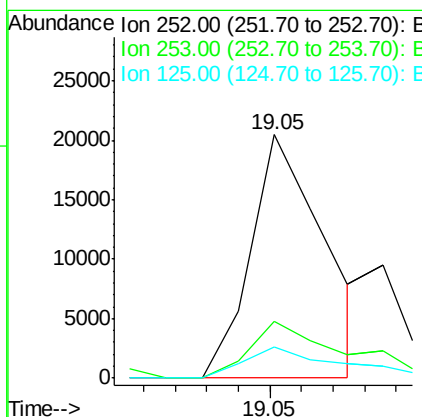
Manual Integrations
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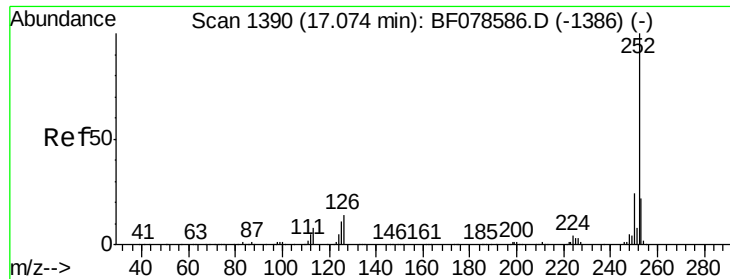
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#87
Benzo(b)fluoranthene
Concen: 4.40 ng m
RT: 19.05 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	12.6	7.0	10.4#





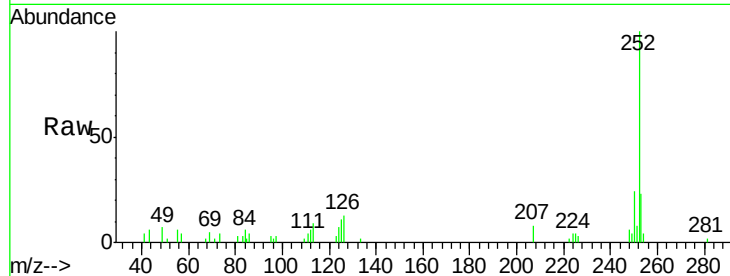
#89
Benzo(a)pyrene
Concen: 3.31 ng
RT: 19.42 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Instrument :
BNA_F
ClientSampleId :
SP-A-2RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.8	25.2
125	11.5	7.4	11.0

Manual Integrations
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4/22/2015 5:21:58 PM

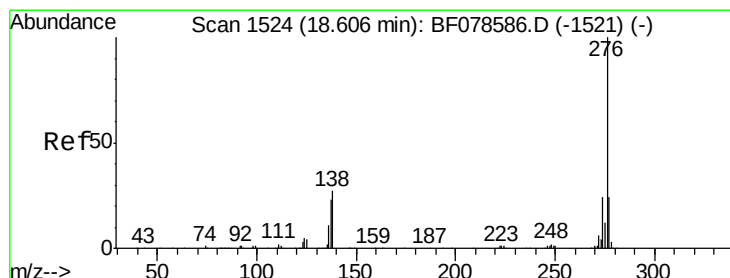
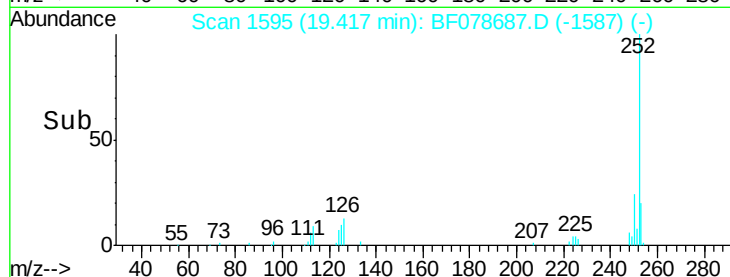
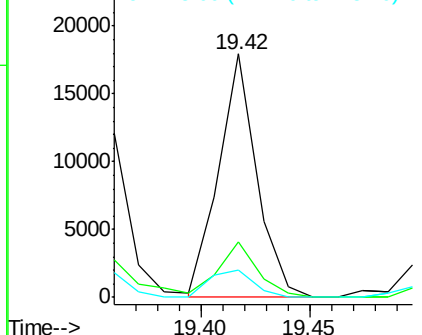


Abundance

Ion 252.00 (251.70 to 252.70): E

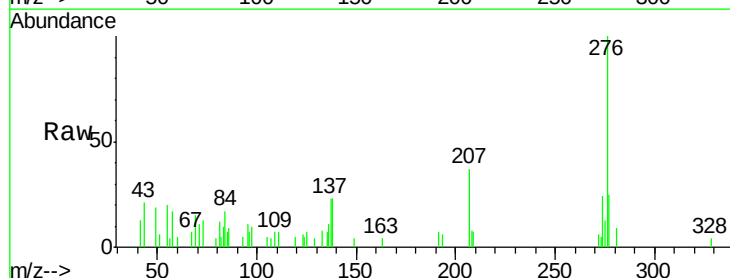
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.14 ng
RT: 20.97 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BF078687.D
Acq: 21 Apr 2015 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	23.3	19.9	29.9



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

