

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079531.D
 Acq On : 27 May 2015 21:25
 Operator : TP/IZ
 Sample : G2387-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-DUP

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Quant Time: May 28 01:43:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63188	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	265732	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	131190	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	244182	20.00	ng	0.00
75) Chrysene-d12	15.86	240	250695	20.00	ng	-0.08
86) Perylene-d12	17.62	264	268700	20.00	ng	-0.26
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	365033m	100.20	ng	0.00
7) Phenol-d6	6.59	99	507394m	109.27	ng	0.00
23) Nitrobenzene-d5	7.70	82	302097	65.72	ng	0.00
41) 2,4,6-Tribromophenol	11.72	330	136486	94.72	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	621306	67.57	ng	0.00
78) Terphenyl-d14	14.58	244	689718	64.57	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.43	163	40234	4.16	ng	98
74) Fluoranthene	14.08	202	34458	2.40	ng	95
77) Pyrene	14.37	202	31444	2.02	ng	97
80) Benzo(a)anthracene	15.85	228	32878m	2.28	ng	
82) Chrysene	15.90	228	29299	2.14	ng	97
87) Benzo(b)fluoranthene	17.17	252	84575m	5.52	ng	

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

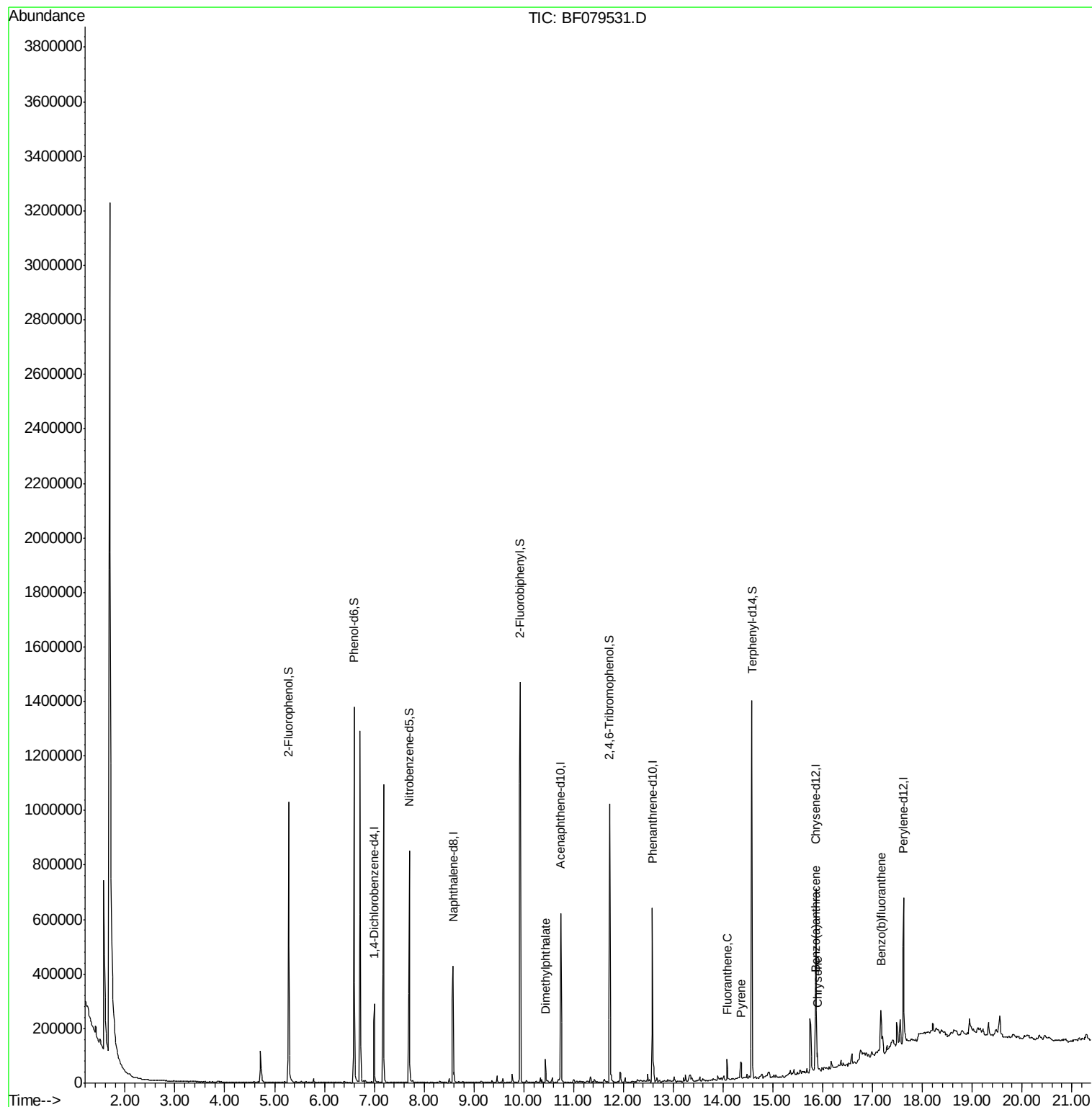
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
Data File : BF079531.D
Acq On : 27 May 2015 21:25
Operator : TP/IZ
Sample : G2387-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

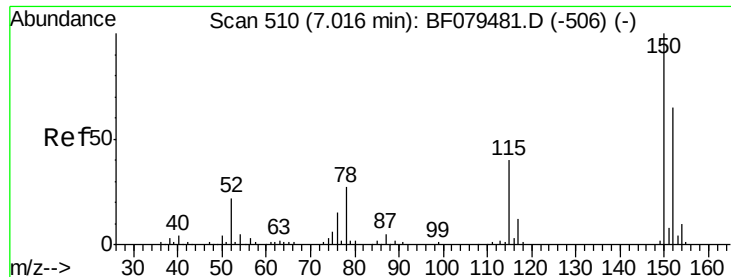
Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 28 01:43:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

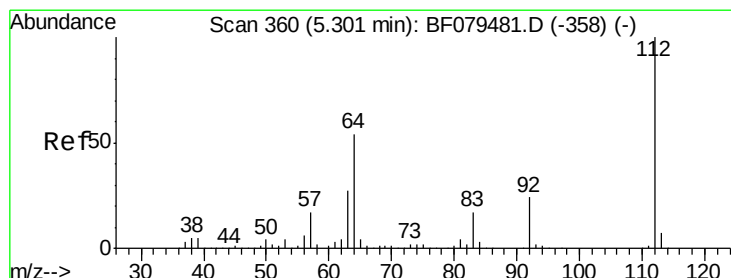
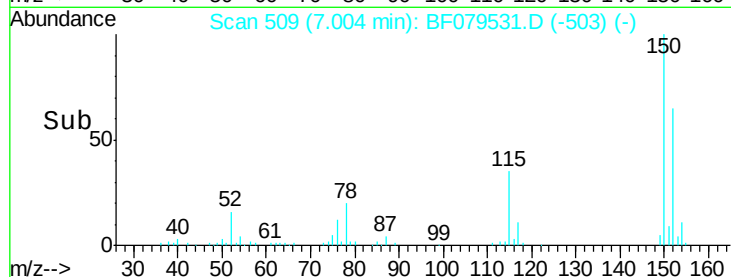
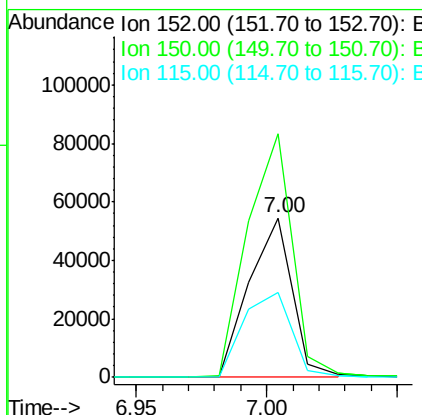
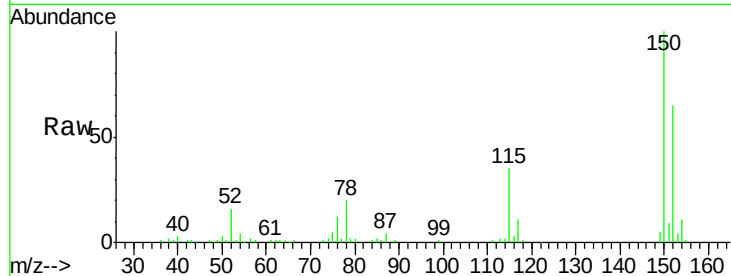
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
SS-DUP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.0	186.0
115	53.4	49.6	74.4

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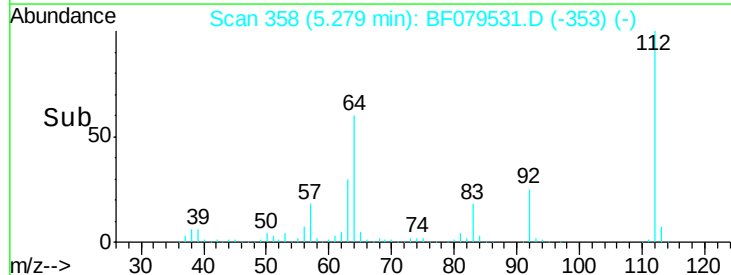
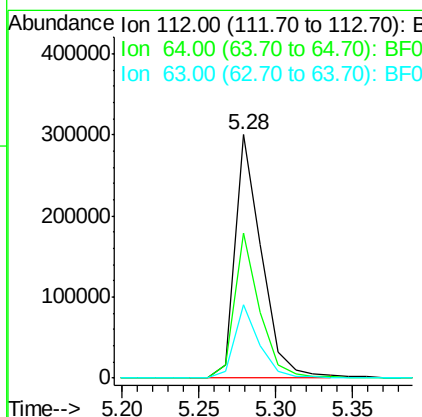
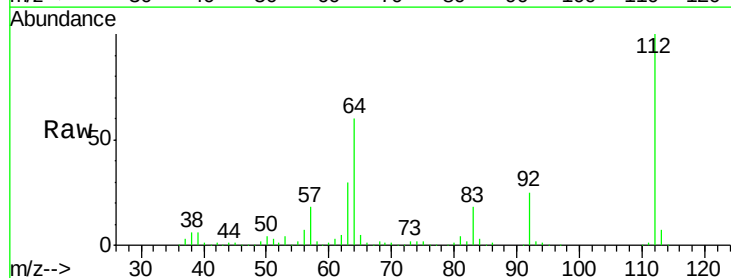
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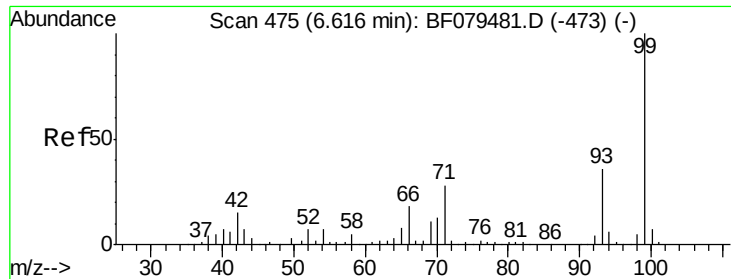


#5

2-Fluorophenol
Concen: 100.20 ng m
RT: 5.28 min Scan# 358
Delta R.T. -0.00 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	43.5	65.3
63	30.0	21.8	32.8





#7

Phenol-d6

Concen: 109.27 ng m

RT: 6.59 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

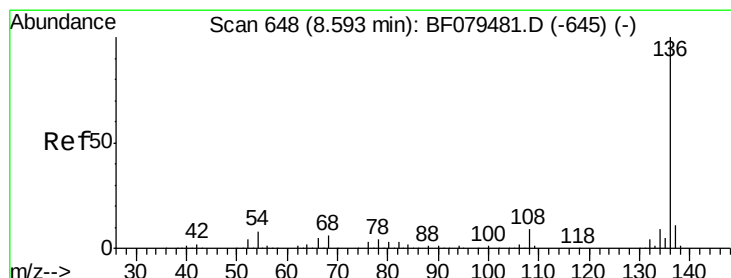
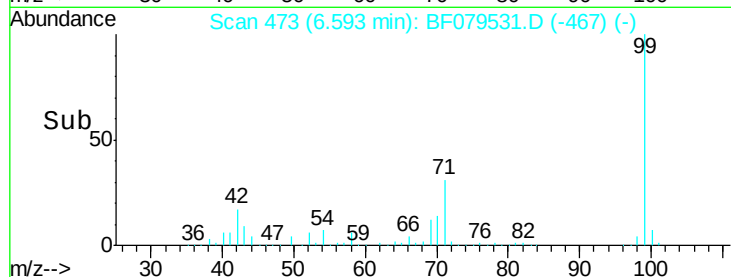
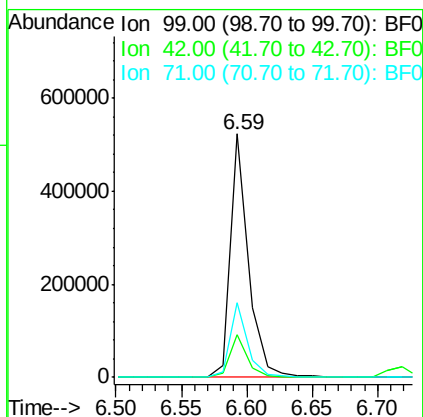
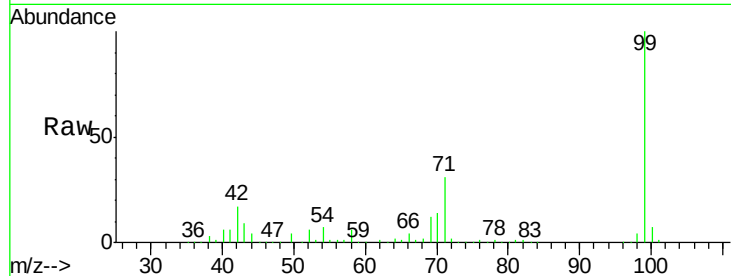
ClientSampleId :

SS-DUP

Tgt Ion:	99	Resp:	507394
Ion	Ratio	Lower	Upper
99	100		
42	17.5	11.9	17.9
71	30.9	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

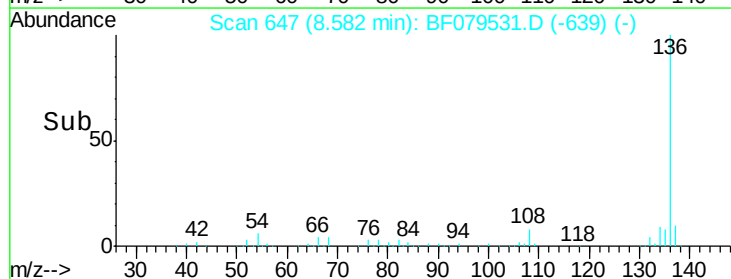
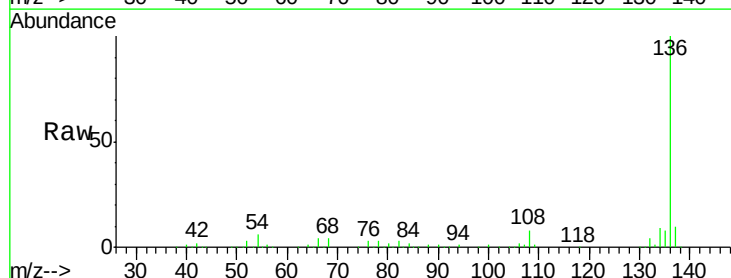
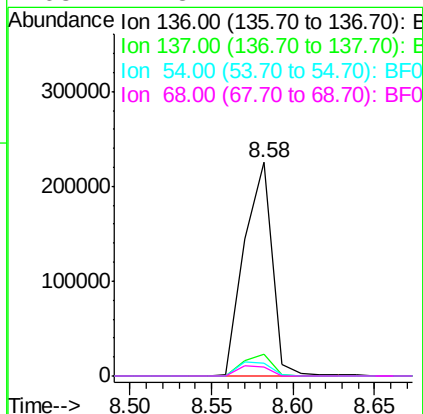
RT: 8.58 min Scan# 647

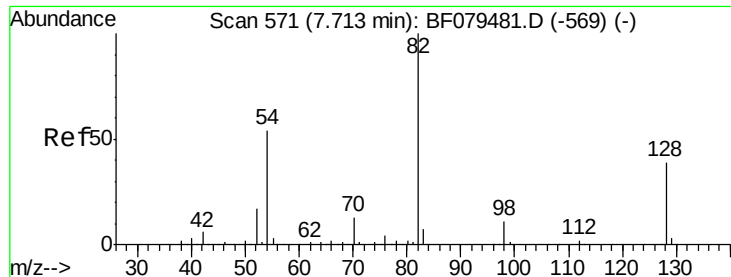
Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Tgt Ion:	136	Resp:	265732
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	5.9	6.6	9.8#
68	4.3	4.7	7.1#





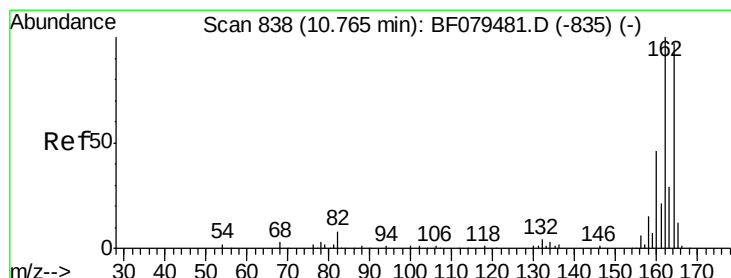
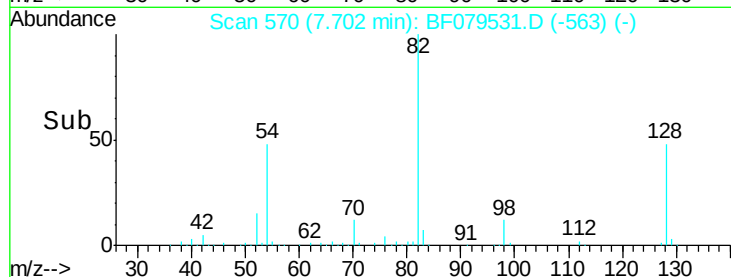
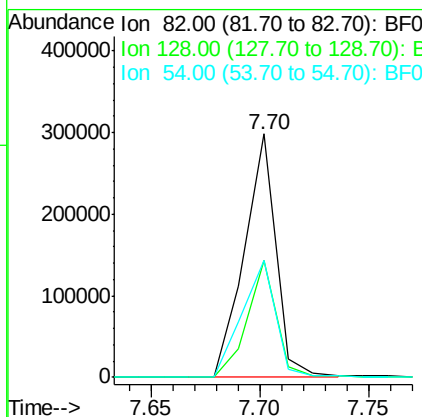
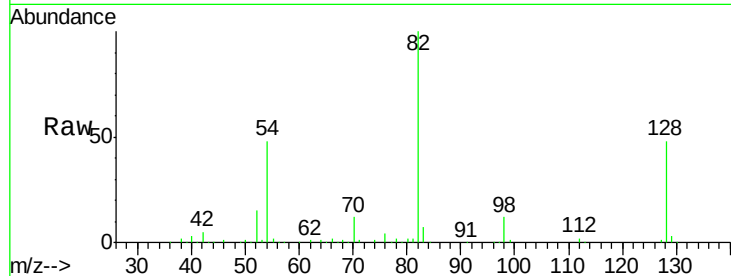
#23
 Nitrobenzene-d5
 Concen: 65.72 ng
 RT: 7.70 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.1	30.8	46.2#
54	48.0	42.8	64.2

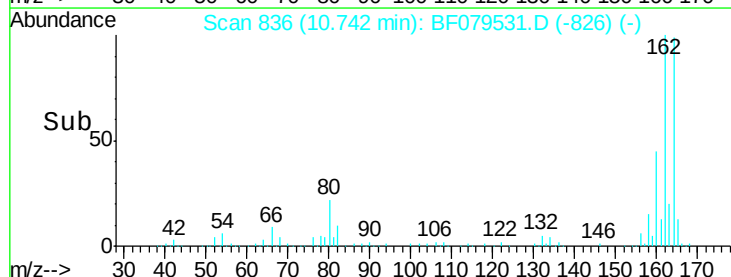
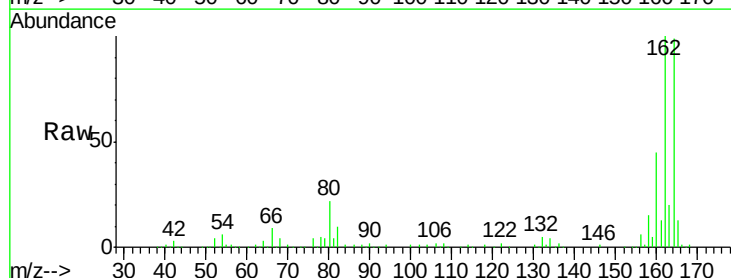
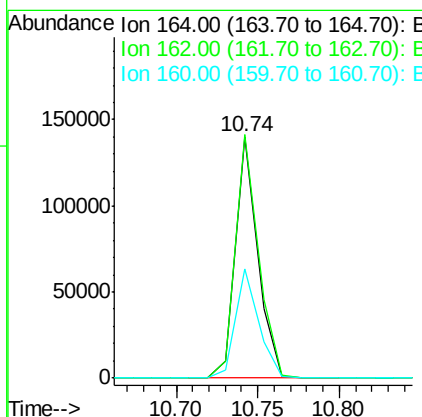
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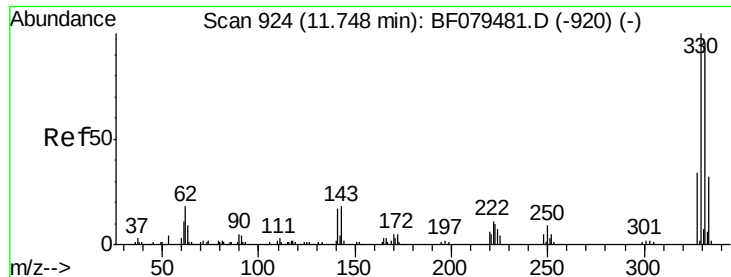
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.0	82.6	124.0
160	45.2	37.7	56.5





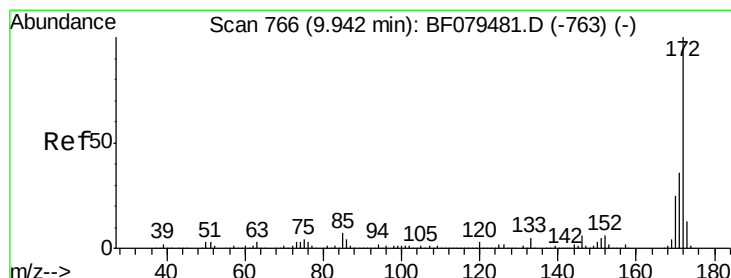
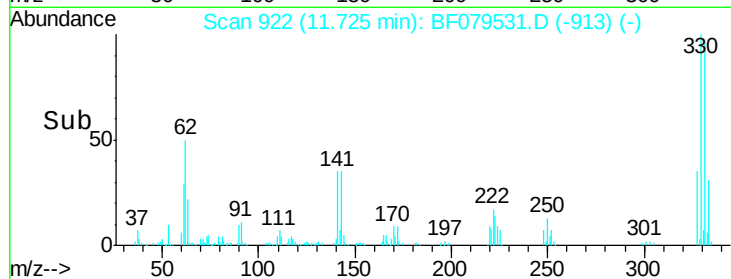
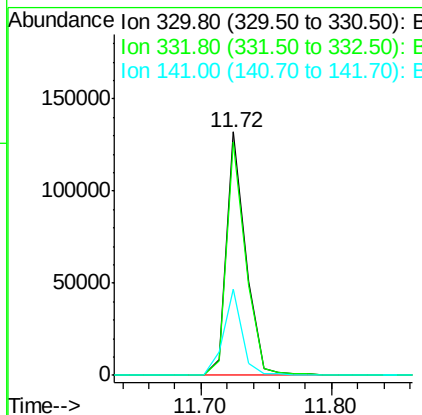
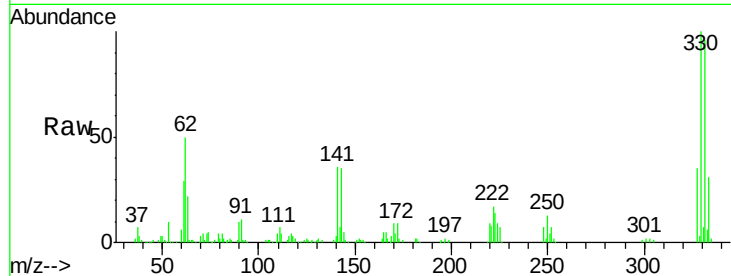
#41
 2,4,6-Tribromophenol
 Concen: 94.72 ng
 RT: 11.72 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Instrument :
 BNA_F
 ClientSampled :
 SS-DUP

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.6	0.0	0.0#

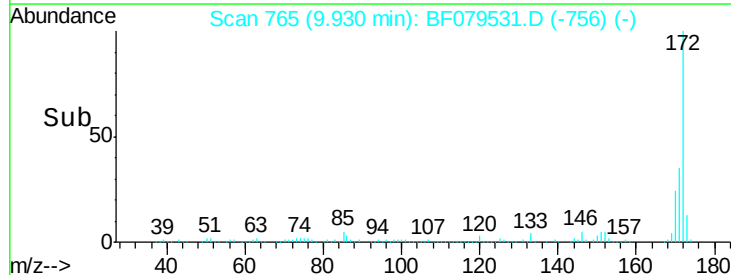
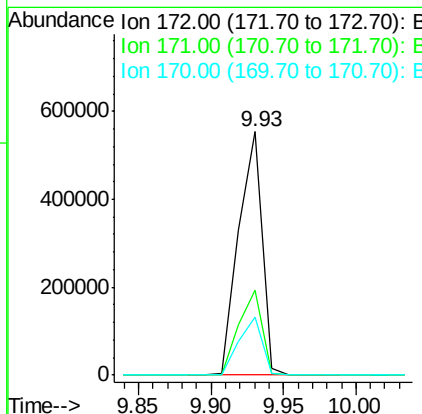
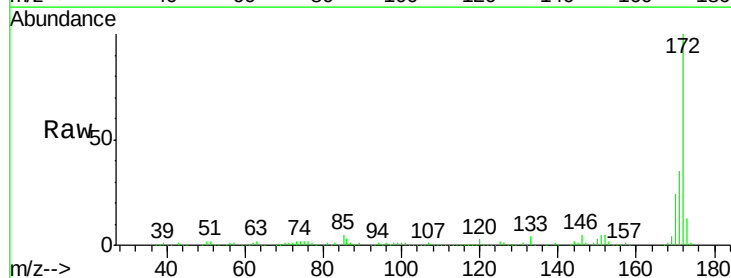
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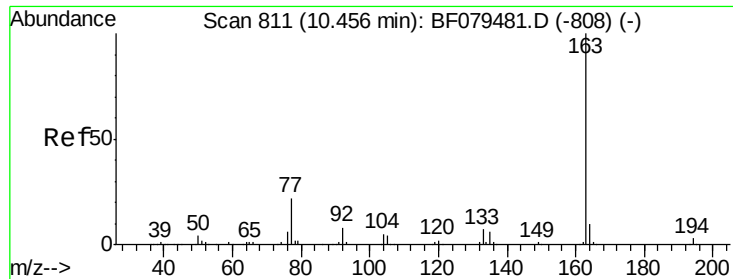
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#44
 2-Fluorobiphenyl
 Concen: 67.57 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF079531.D
 Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.8	19.7	29.5





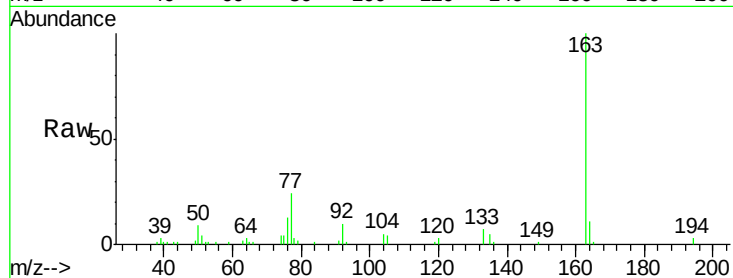
#49
Dimethylphthalate
Concen: 4.16 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Instrument :
BNA_F
ClientSampleID :
SS-DUP

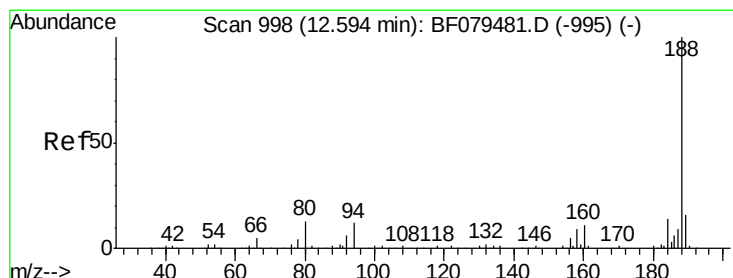
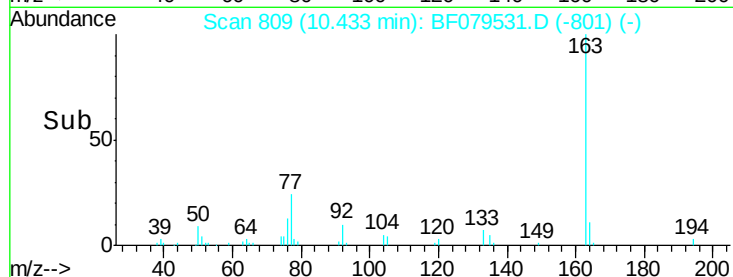
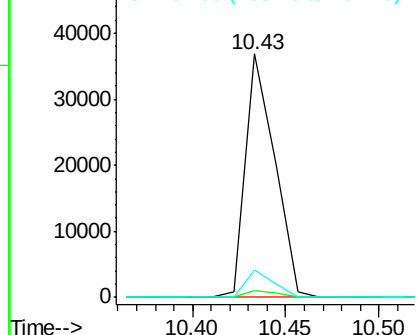
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	40234		
194	3.0	2.4	3.6	
164	11.2	8.2	12.4	

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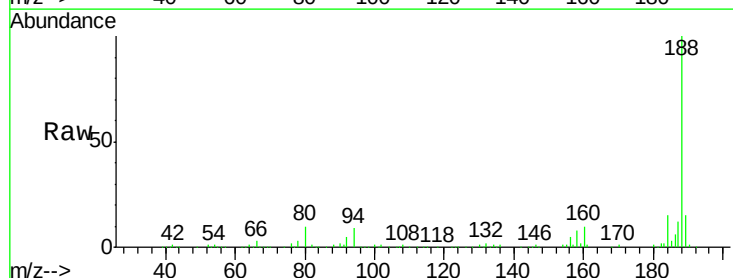


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

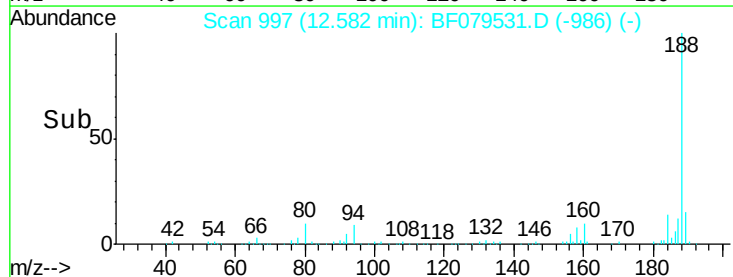
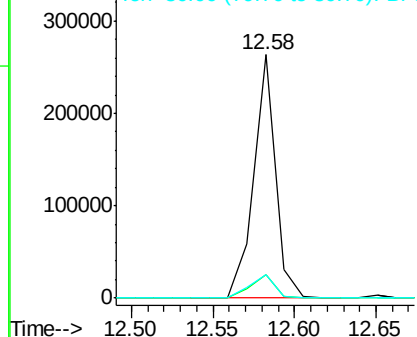


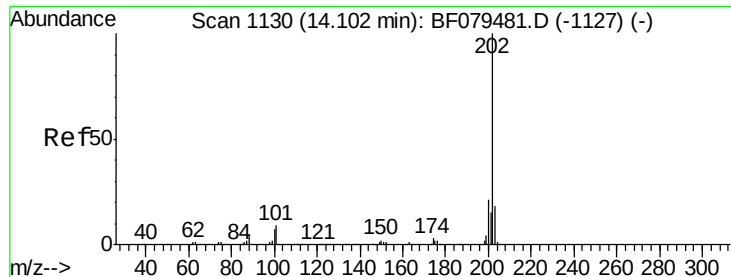
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	244182		
94	9.4	9.8	14.6#	
80	9.5	10.5	15.7#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





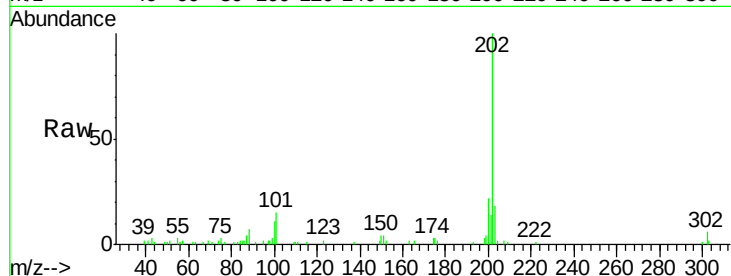
#74
Fluoranthene
Concen: 2.40 ng
RT: 14.08 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
SS-DUP

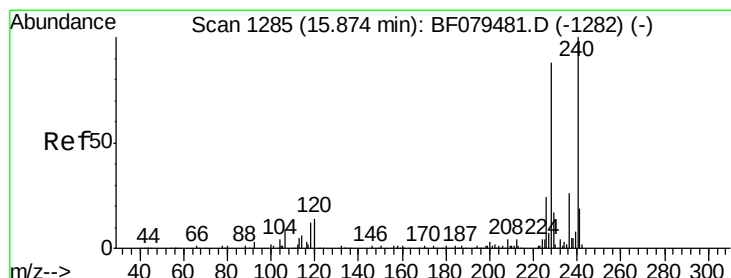
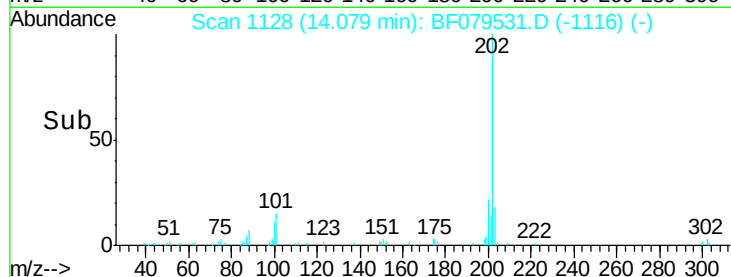
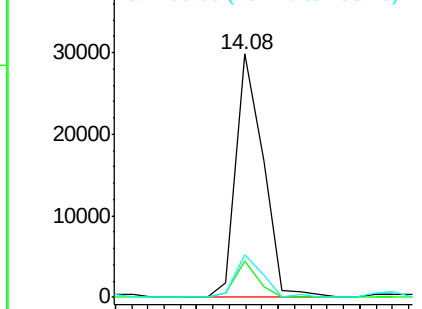
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	34458		
101	14.8	0.0	29.3	
203	17.6	0.0	37.6	

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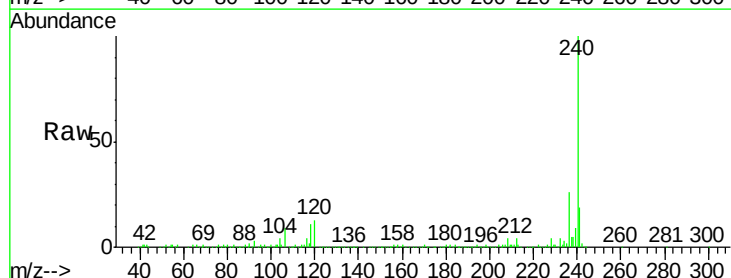


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

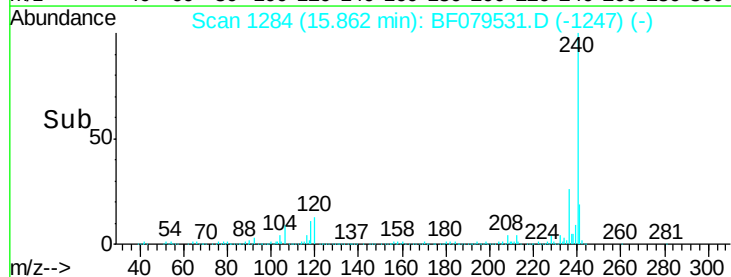
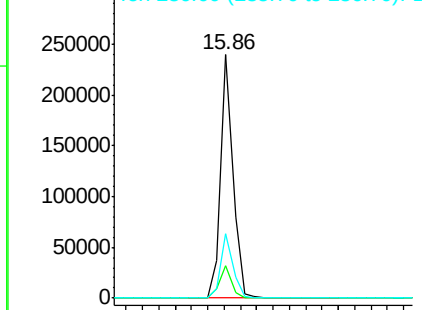


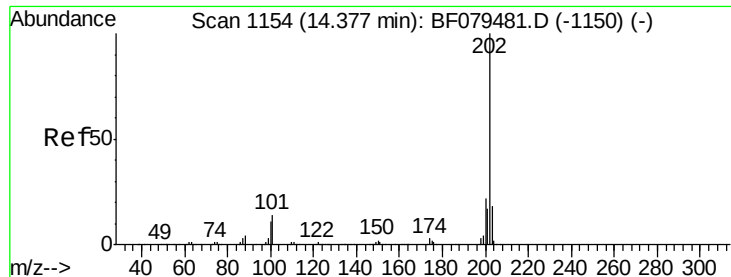
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1284
Delta R.T. -0.08 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	250695		
120	13.4	10.8	16.2	
236	26.3	21.0	31.6	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.02 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

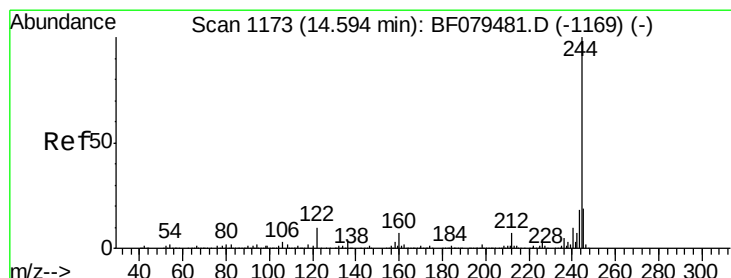
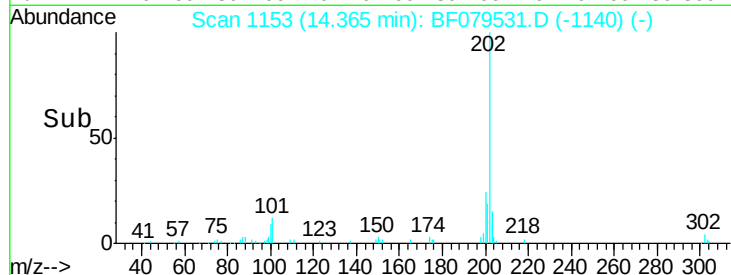
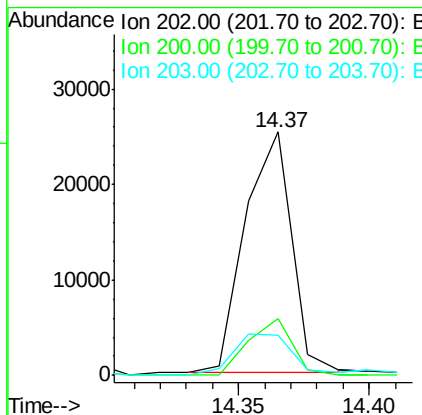
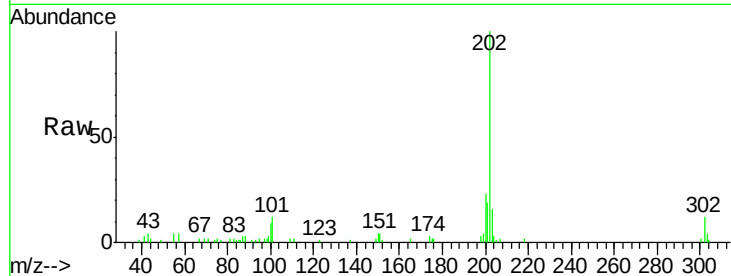
ClientSampleId :

SS-DUP

Tgt Ion:	202	Resp:	31444
Ion Ratio	Lower	Upper	
202	100		
200	23.1	17.5	26.3
203	16.4	14.4	21.6

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#78

Terphenyl-d14

Concen: 64.57 ng

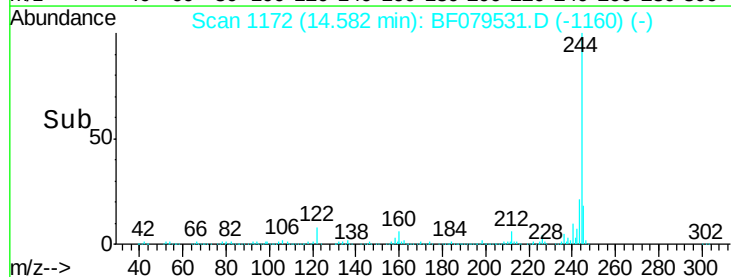
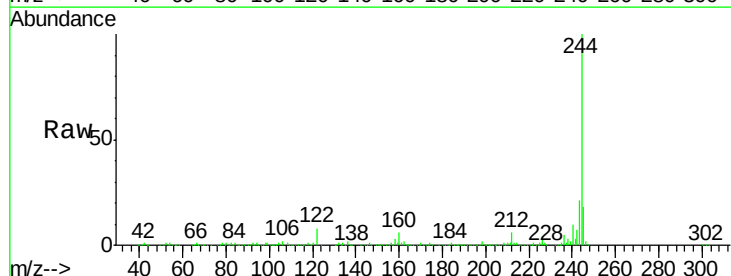
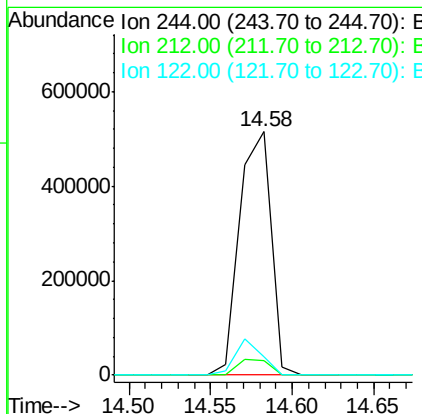
RT: 14.58 min Scan# 1172

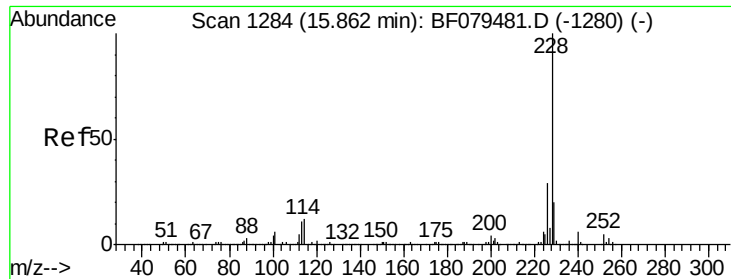
Delta R.T. -0.01 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Tgt Ion:	244	Resp:	689718
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.2	7.8
122	7.6	8.0	12.0#





#80

Benzo(a)anthracene

Concen: 2.28 ng m

RT: 15.85 min Scan# 1283

Delta R.T. -0.08 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Instrument :

BNA_F

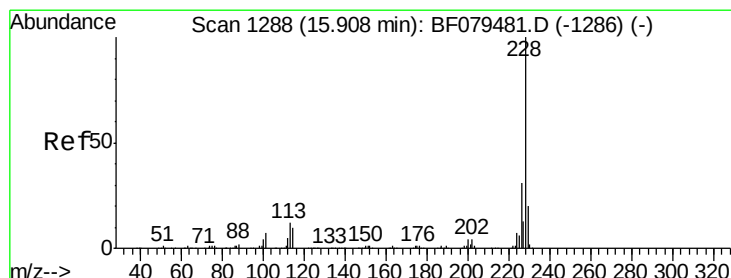
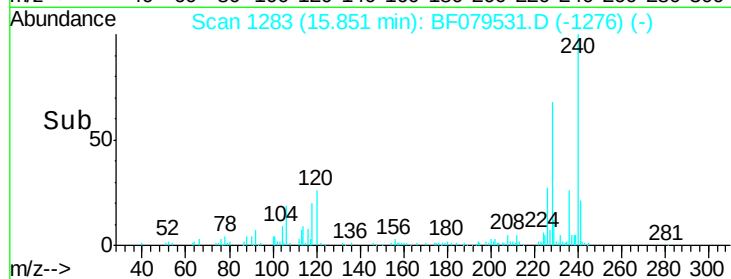
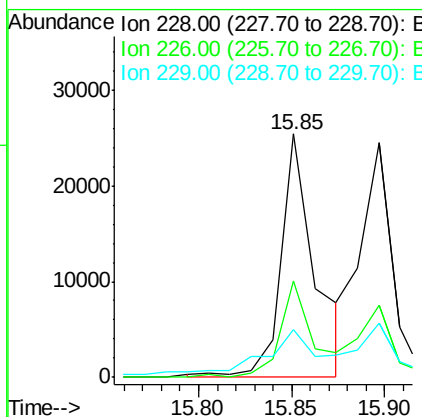
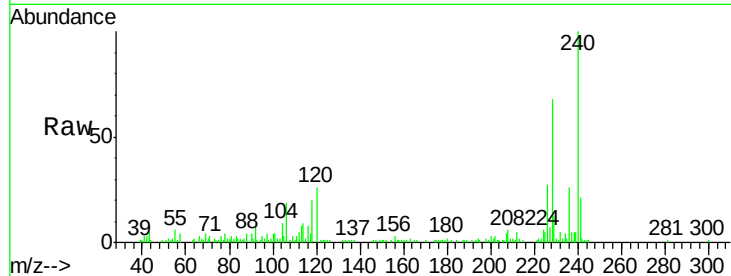
ClientSampleId :

SS-DUP

Tgt Ion:	228	Resp:	32878
Ion Ratio	Lower	Upper	
228	100		
226	39.8	22.8	34.2#
229	19.4	15.9	23.9

Manual Integrations
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#82

Chrysene

Concen: 2.14 ng

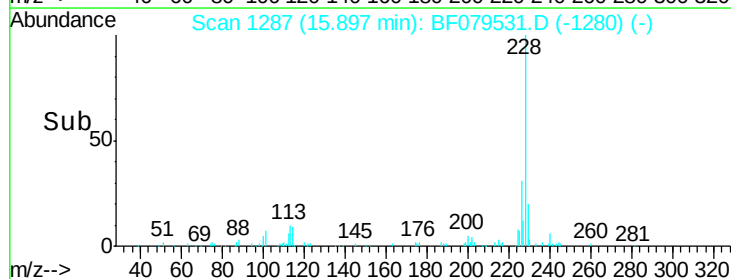
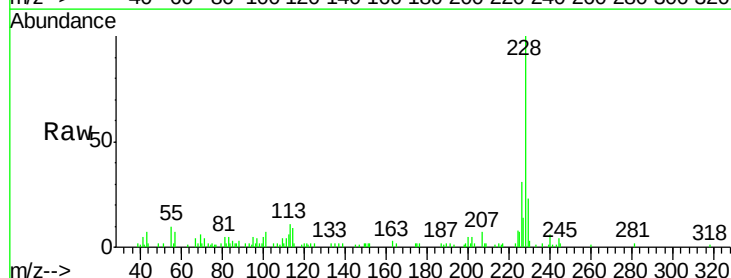
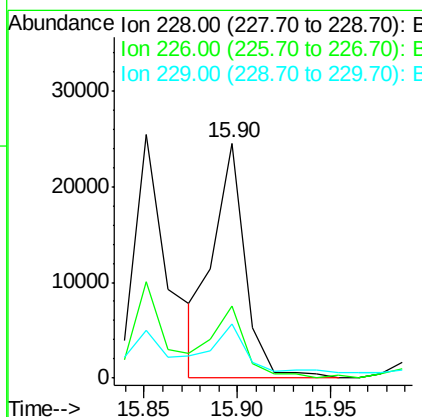
RT: 15.90 min Scan# 1287

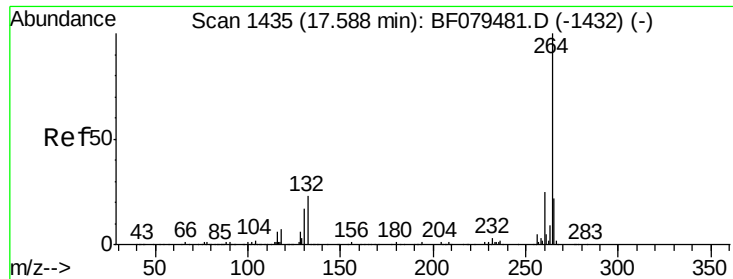
Delta R.T. -0.08 min

Lab File: BF079531.D

Acq: 27 May 2015 21:25

Tgt Ion:	228	Resp:	29299
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	23.2	15.9	23.9





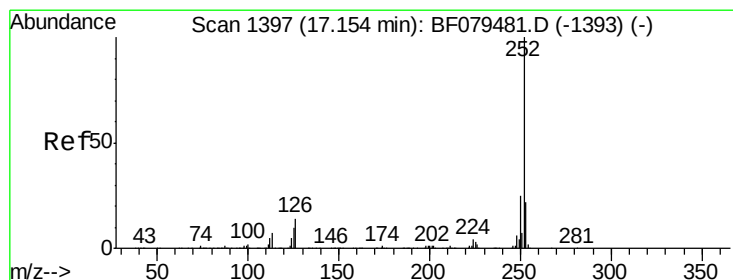
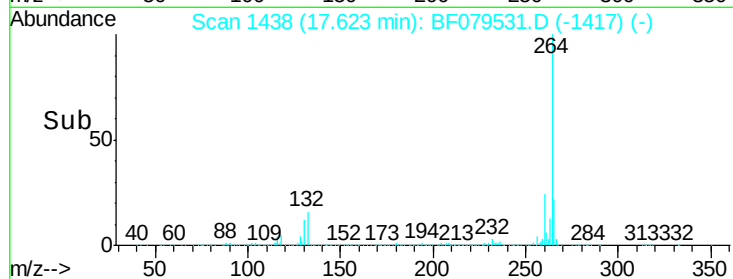
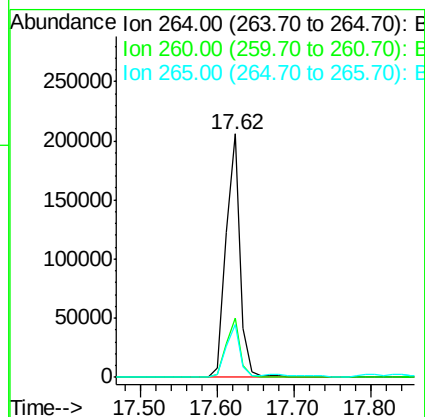
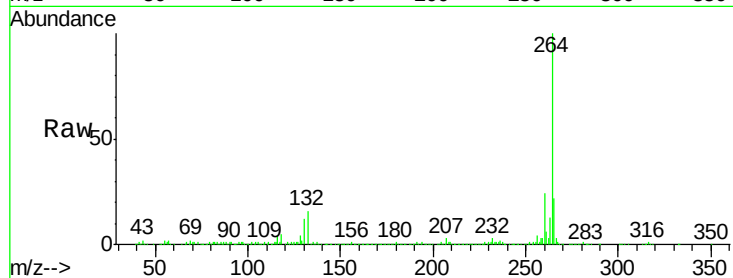
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Instrument :
BNA_F
ClientSampled :
SS-DUP

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	268700		
260	24.3	19.8	29.8	
265	21.8	17.8	26.6	

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 5.52 ng m
RT: 17.17 min Scan# 1398
Delta R.T. -0.22 min
Lab File: BF079531.D
Acq: 27 May 2015 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	84575		
253	22.6	17.6	26.4	
125	11.5	7.8	11.6	

