

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079307.D
 Acq On : 16 May 2015 11:32
 Operator : TP/IZ
 Sample : G2251-13 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-D1

Manual Integrations
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Quant Time: May 18 01:55:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 00:56:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	73400	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	304997	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	143977	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	265711	20.00	ng	0.00
75) Chrysene-d12	16.06	240	275359	20.00	ng	0.00
86) Perylene-d12	17.84	264	280074	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	182625m	42.83	ng	0.01
7) Phenol-d6	6.75	99	238210	42.26	ng	0.01
23) Nitrobenzene-d5	7.87	82	135130	25.46	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	63902	41.03	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	280007	27.10	ng	0.00
78) Terphenyl-d14	14.77	244	308825	26.85	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.80	178	35746	2.40	ng	98
74) Fluoranthene	14.27	202	81196	5.24	ng	95
77) Pyrene	14.55	202	76106	4.80	ng	97
80) Benzo(a)anthracene	16.05	228	47305m	3.14	ng	
82) Chrysene	16.09	228	38221	2.64	ng	97
87) Benzo(b)fluoranthene	17.38	252	64930m	4.24	ng	
89) Benzo(a)pyrene	17.77	252	42636	3.02	ng	# 93

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

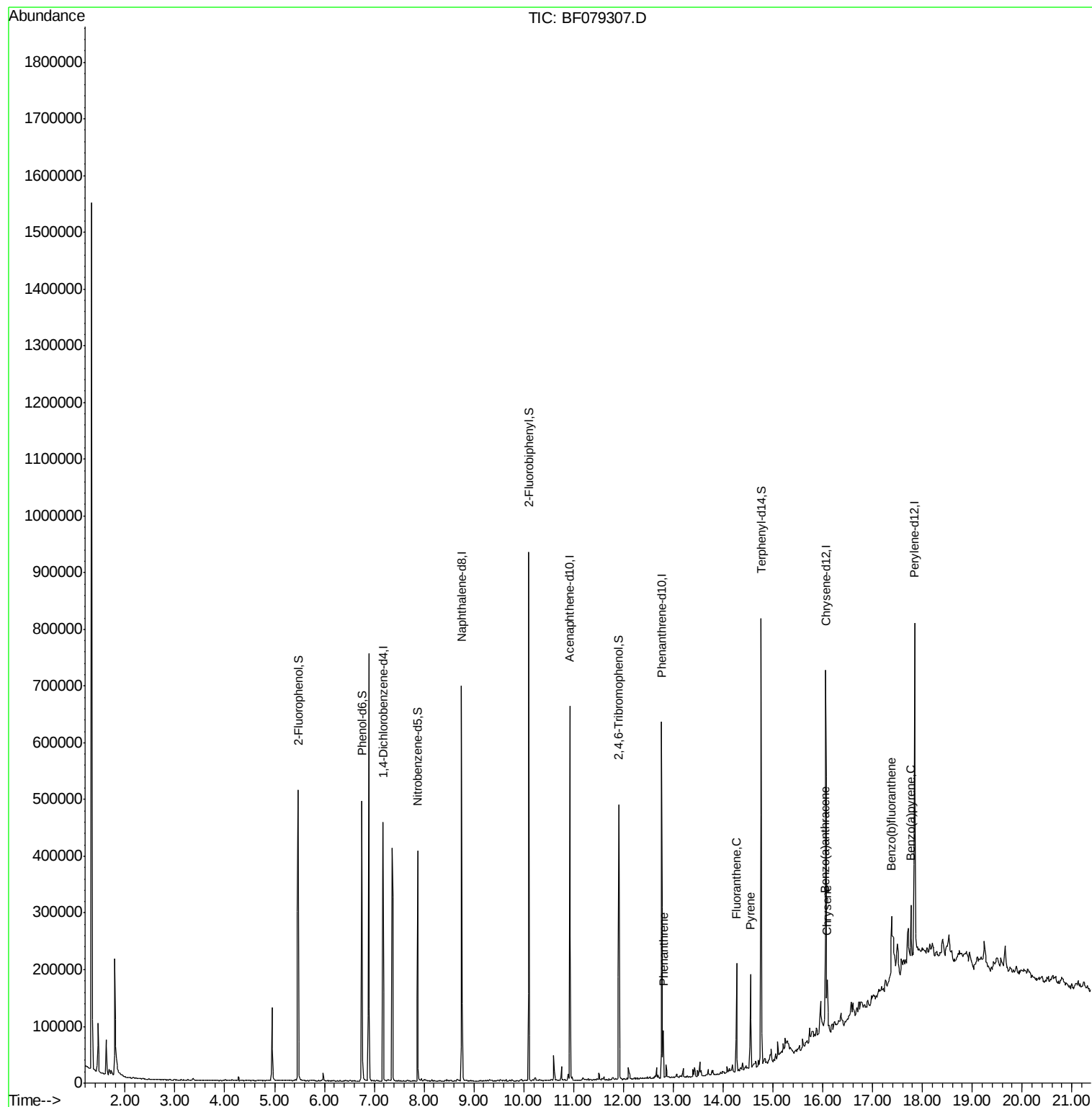
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
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ALS Vial : 40 Sample Multiplier: 1

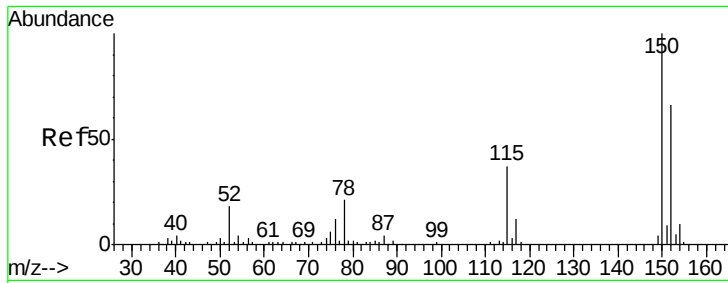
Instrument :
BNA_F
ClientSampleId :
WC-11-D1

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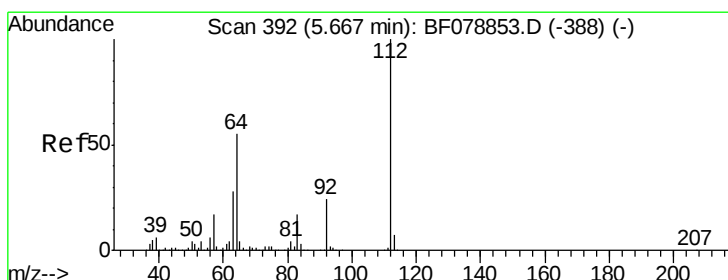
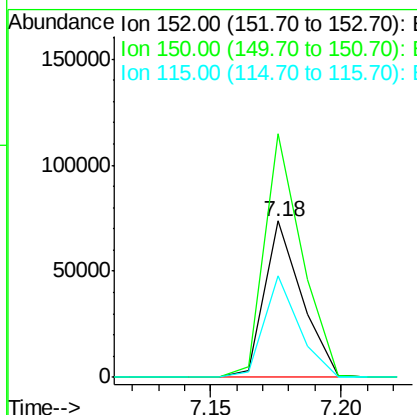
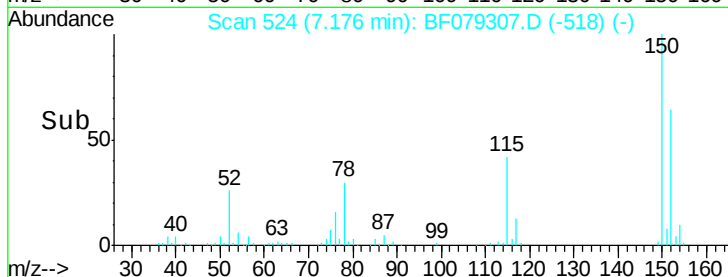
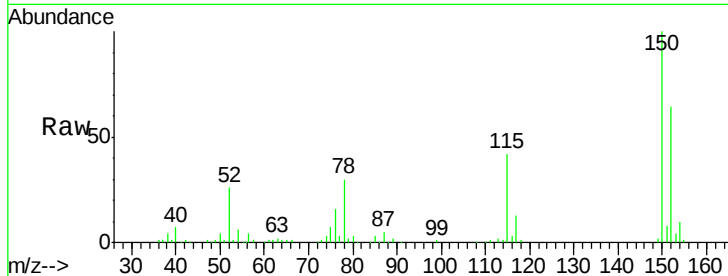
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079307.D
 Acq: 16 May 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-D1

Tot Ion:	152	Resp:	73400
Ion Ratio	Lower	Upper	
152	100		
150	155.9	123.8	185.8
115	65.1	49.4	74.0

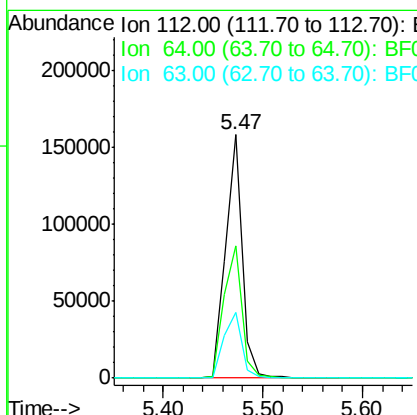
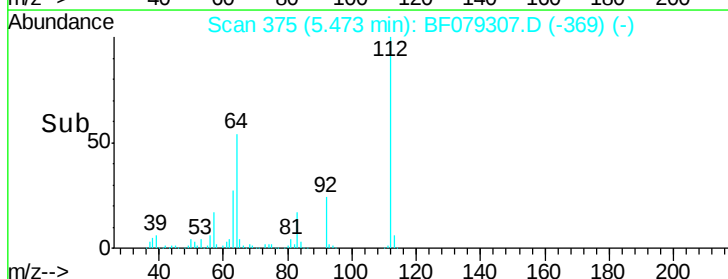
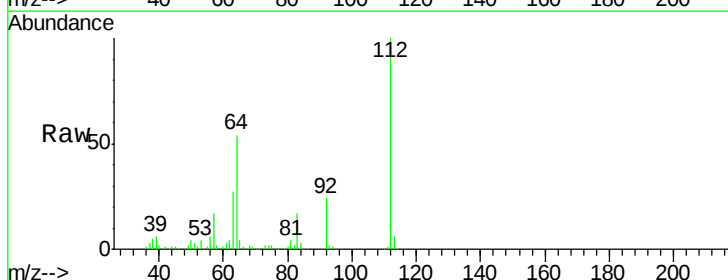
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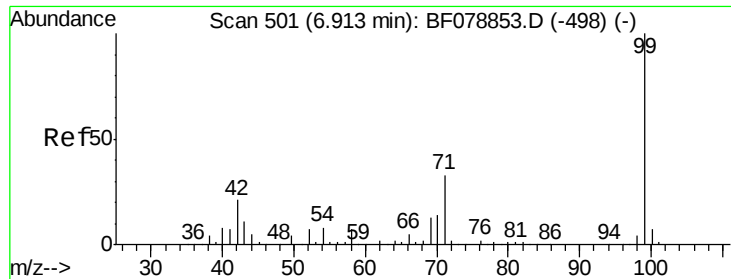
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#5
 2-Fluorophenol
 Concen: 42.83 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079307.D
 Acq: 16 May 2015 11:32

Tgt Ion:	112	Resp:	182625
Ion Ratio	Lower	Upper	
112	100		
64	54.4	44.2	66.2
63	27.0	22.7	34.1





#7

Phenol-d6

Concen: 42.26 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079307.D

Acq: 16 May 2015 11:32

Instrument :

BNA_F

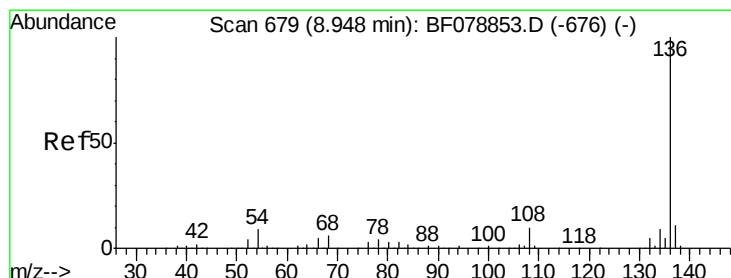
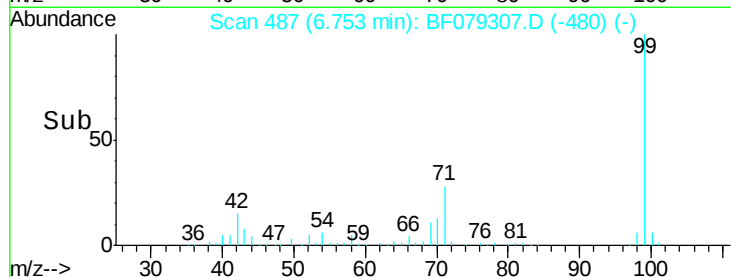
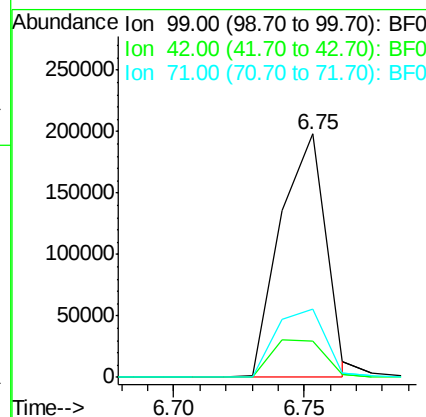
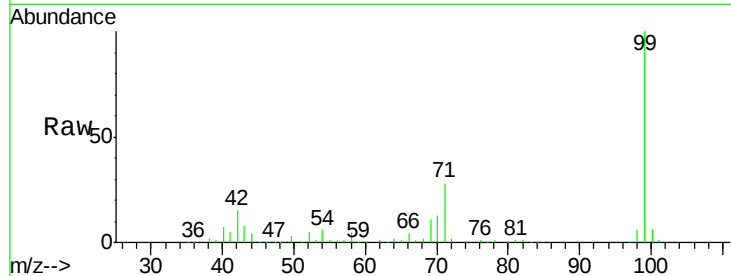
ClientSampled :

WC-11-D1

Tot Ion:	99	Resp:	238210
Ion Ratio	Lower	Upper	
99	100		
42	15.0	17.1	25.7#
71	28.0	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng

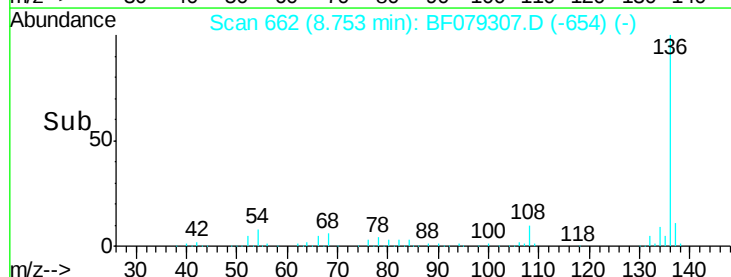
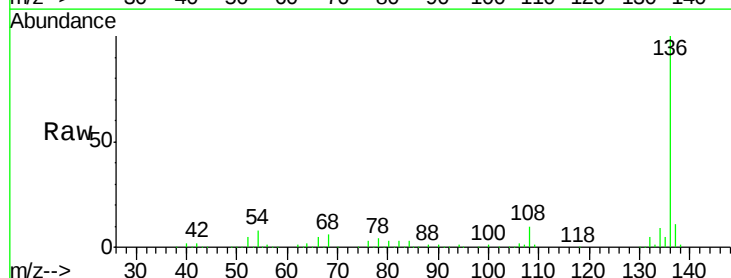
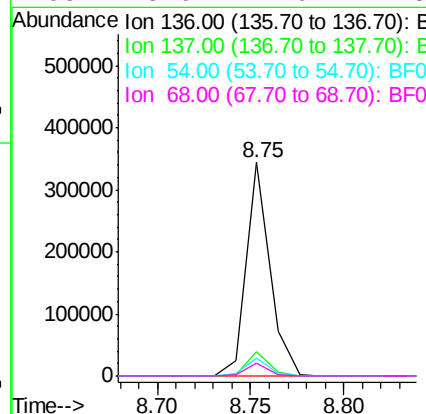
RT: 8.75 min Scan# 662

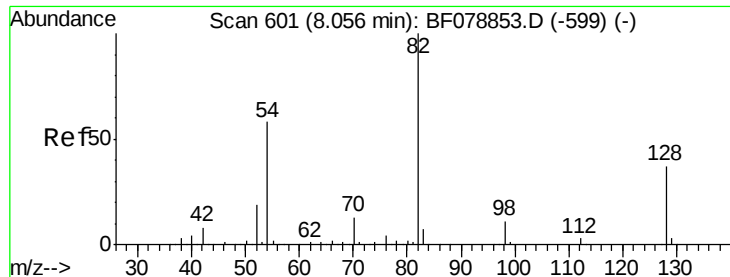
Delta R.T. 0.00 min

Lab File: BF079307.D

Acq: 16 May 2015 11:32

Tgt Ion:	136	Resp:	304997
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	8.3	6.9	10.3
68	5.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 25.46 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079307.D

Acq: 16 May 2015 11:32

Instrument :

BNA_F

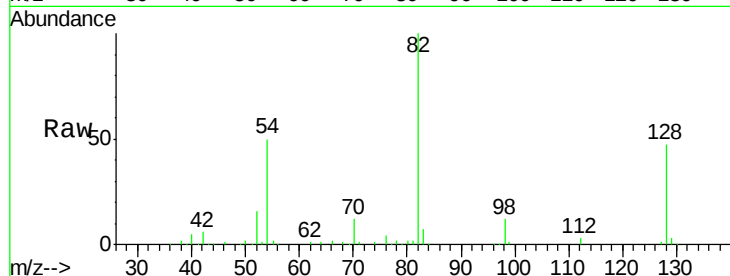
ClientSampled :

WC-11-D1

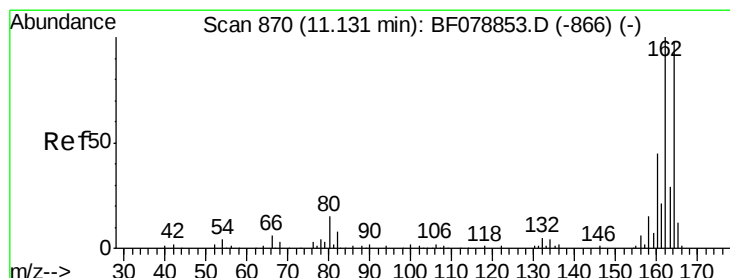
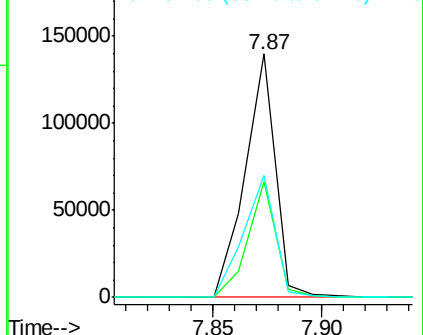
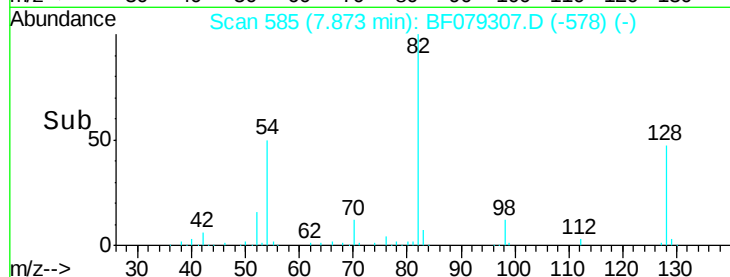
Tot Ion:	82	Resp:	135130
Ion Ratio	Lower	Upper	
82	100		
128	47.3	29.7	44.5#
54	50.1	46.2	69.4

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Abundance Ion 82.00 (81.70 to 82.70): BF079307.D (-578) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

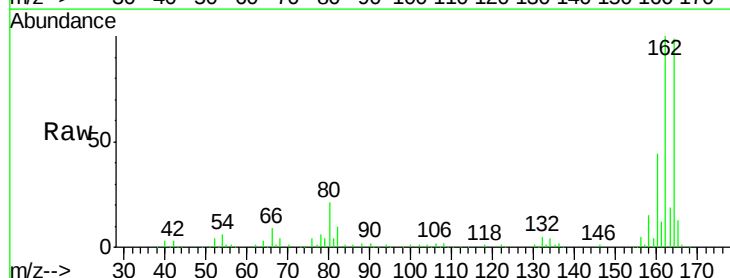
RT: 10.92 min Scan# 852

Delta R.T. 0.00 min

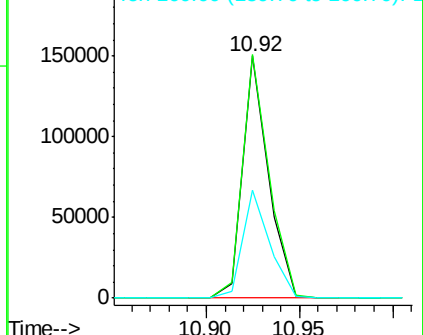
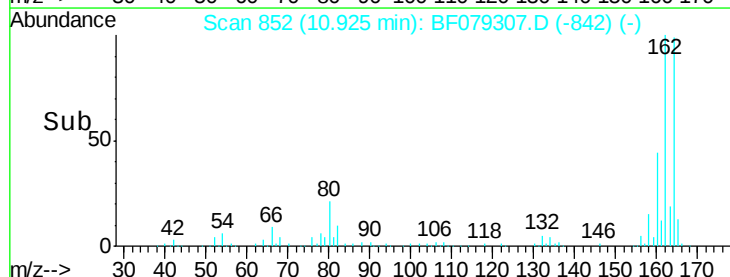
Lab File: BF079307.D

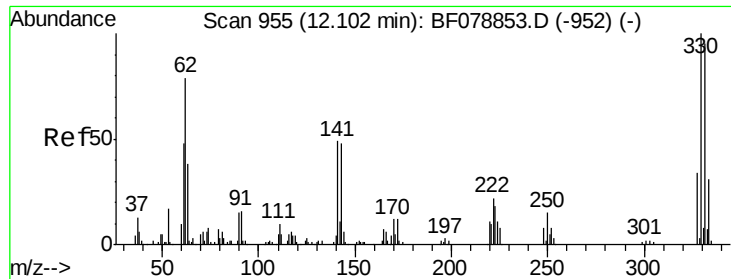
Acq: 16 May 2015 11:32

Tgt Ion:	164	Resp:	143977
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.0
160	44.5	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): BF079307.D (-842) (-)





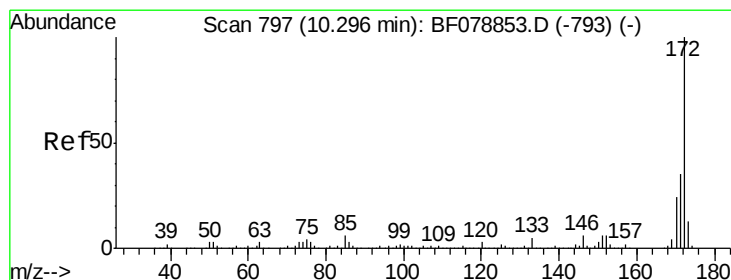
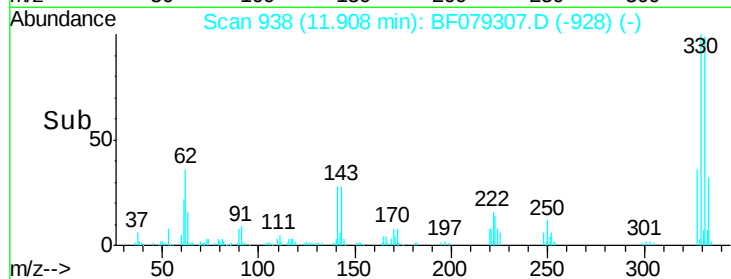
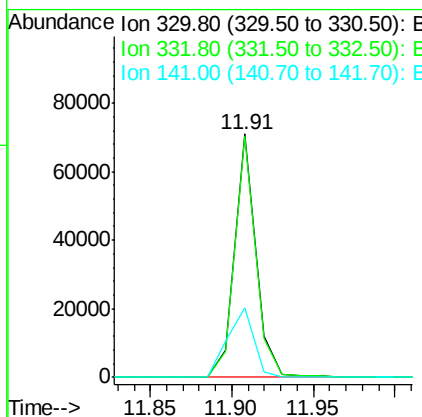
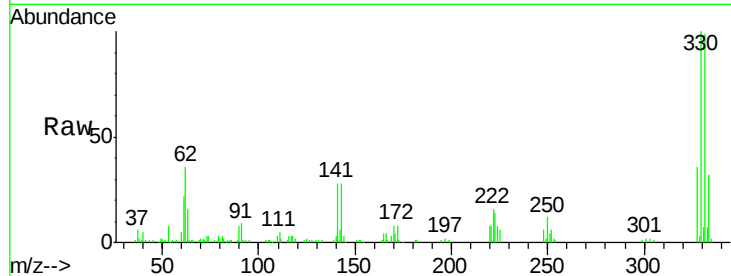
#41
 2,4,6-Tribromophenol
 Concen: 41.03 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079307.D
 Acq: 16 May 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-D1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	35.0	27.8	41.8

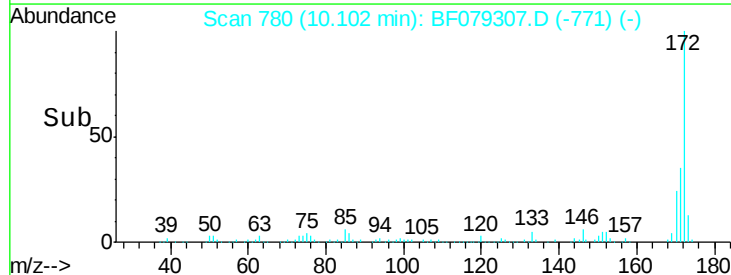
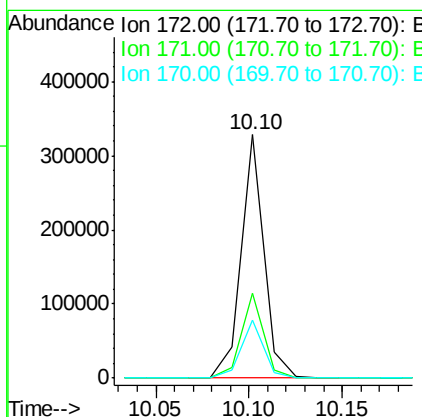
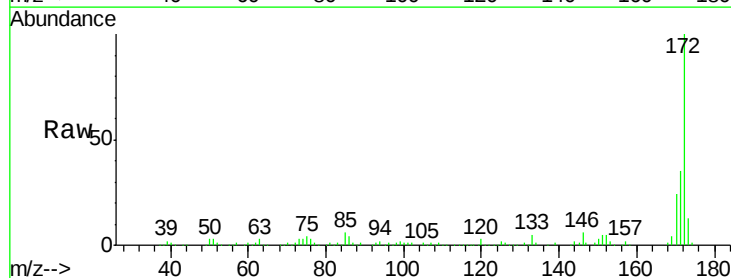
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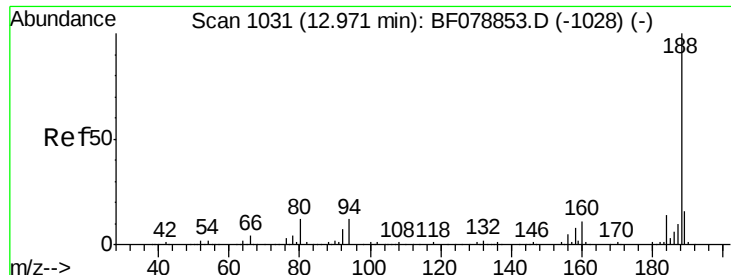
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#44
 2-Fluorobiphenyl
 Concen: 27.10 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079307.D
 Acq: 16 May 2015 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.8	19.4	29.2





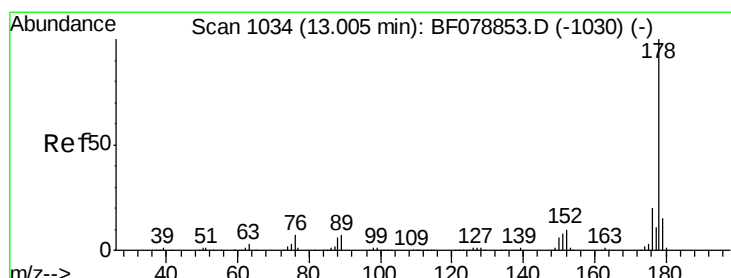
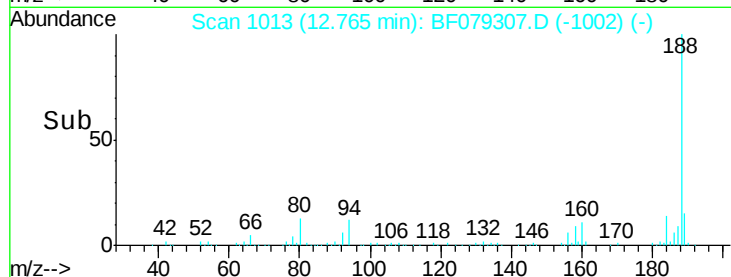
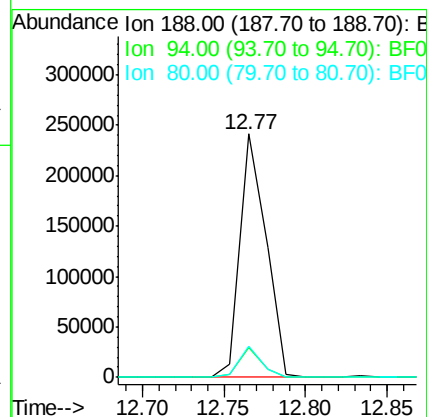
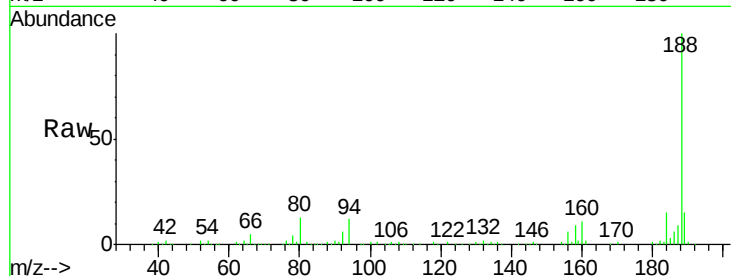
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Instrument :
BNA_F
ClientSampleId :
WC-11-D1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.2	9.4	14.0
80	12.6	9.8	14.6

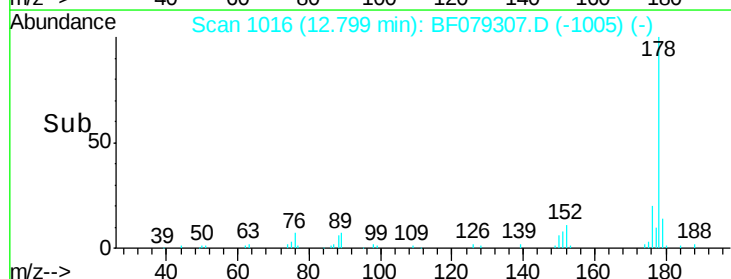
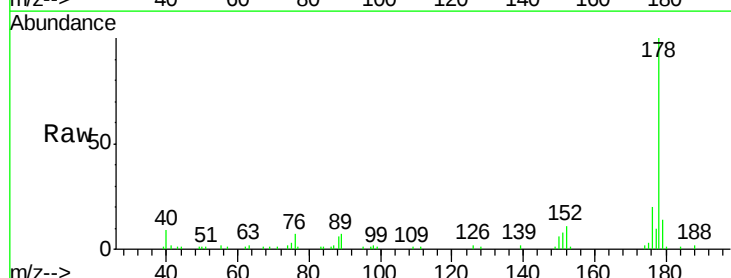
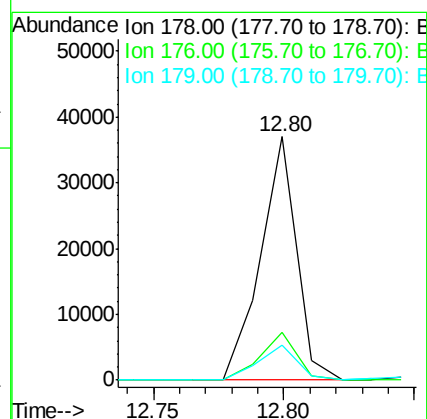
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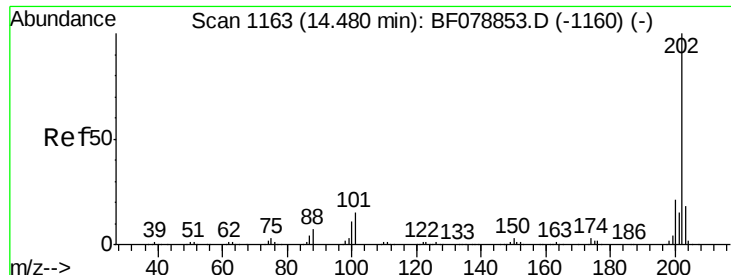
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#70
Phenanthrene
Concen: 2.40 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.1	12.2	18.4





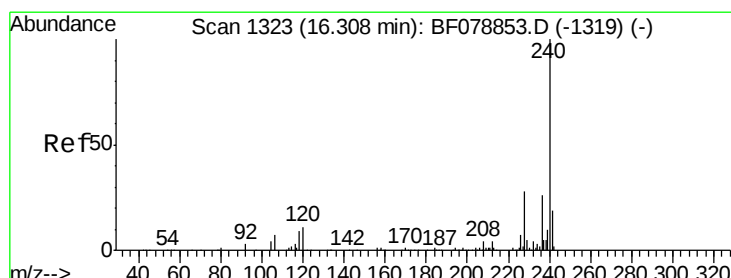
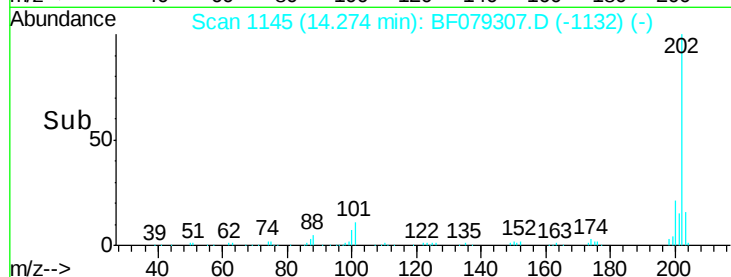
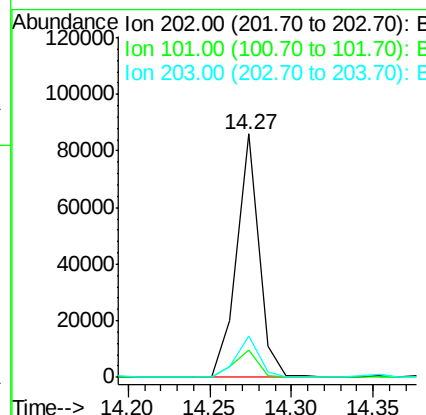
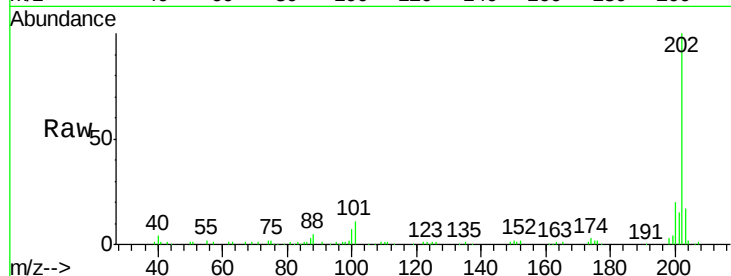
#74
Fluoranthene
Concen: 5.24 ng
RT: 14.27 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	202	Resp:	81196
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.7
203	16.8	0.0	37.9

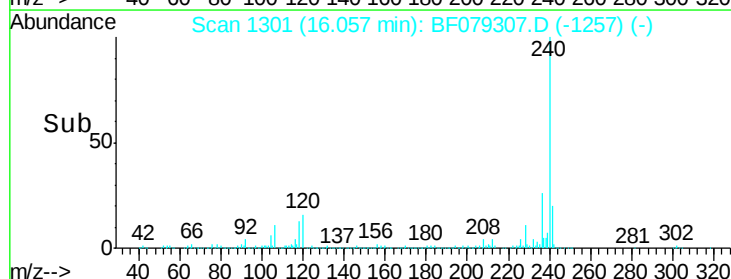
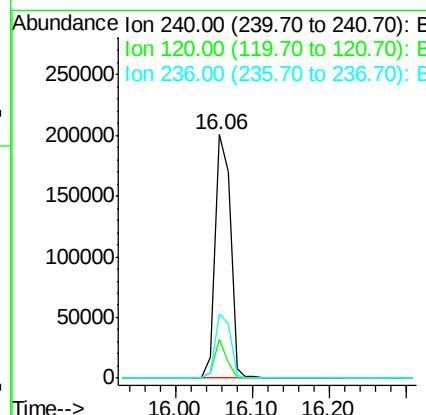
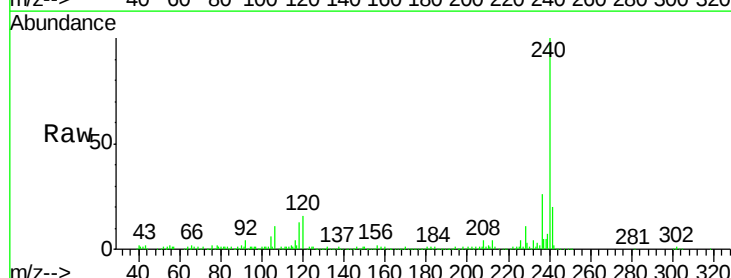
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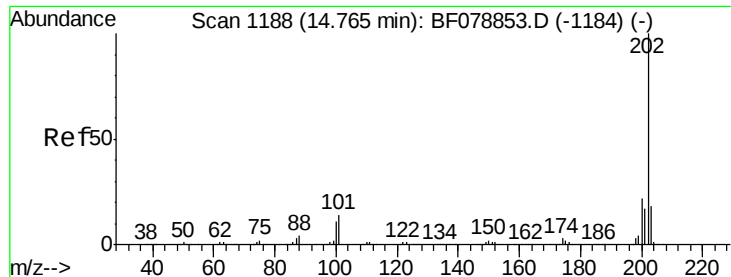
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Tgt Ion:	240	Resp:	275359
Ion Ratio	Lower	Upper	
240	100		
120	16.0	8.6	12.8#
236	26.3	21.0	31.6





#77

Pvrene

Concen: 4.80 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF079307.D

Acq: 16 May 2015 11:32

Instrument :

BNA_F

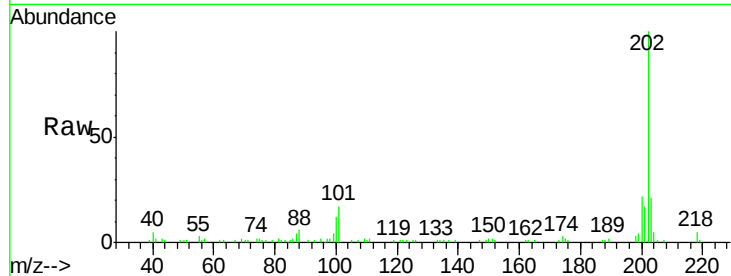
ClientSampleId :

WC-11-D1

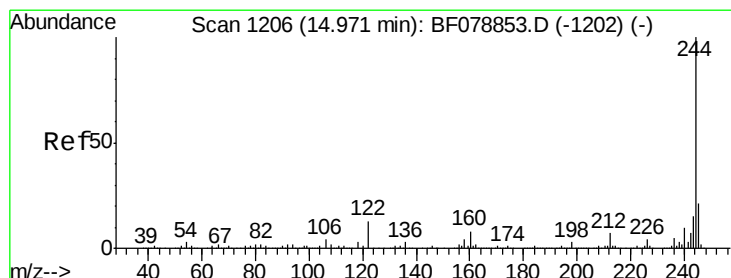
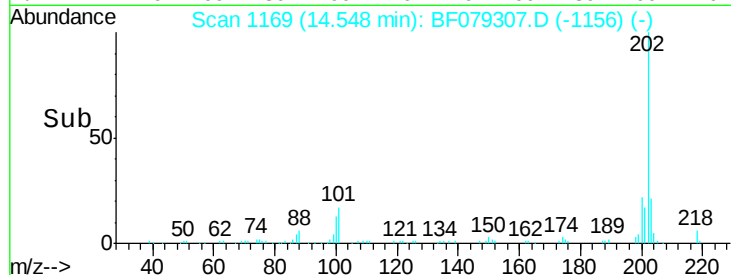
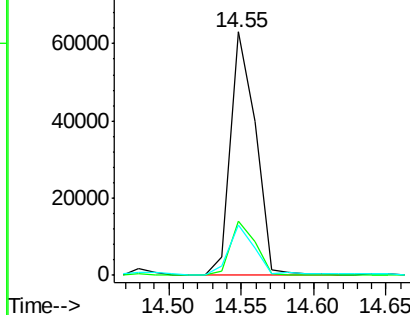
Tot Ion:	202	Resp:	76106
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.5	26.3
203	20.9	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 26.85 ng

RT: 14.77 min Scan# 1188

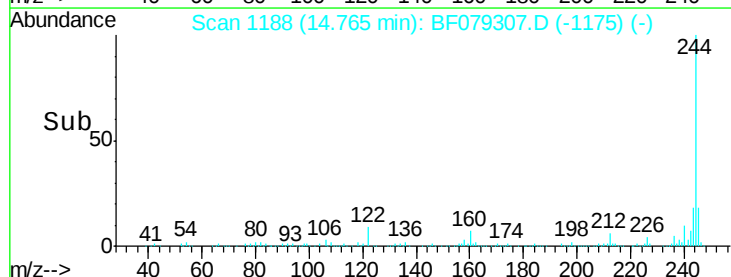
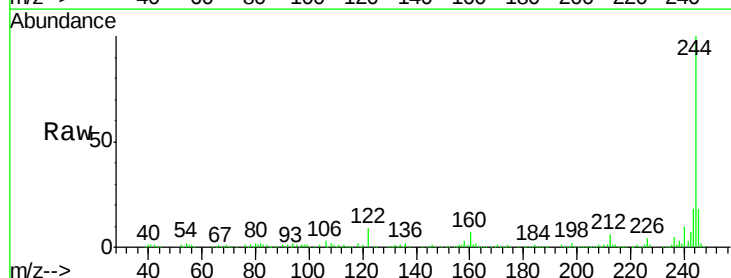
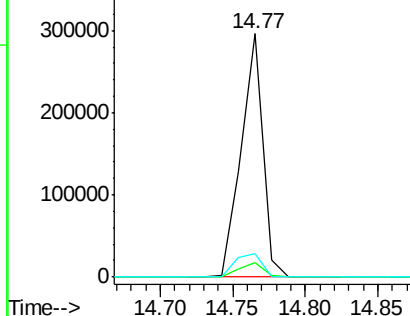
Delta R.T. 0.00 min

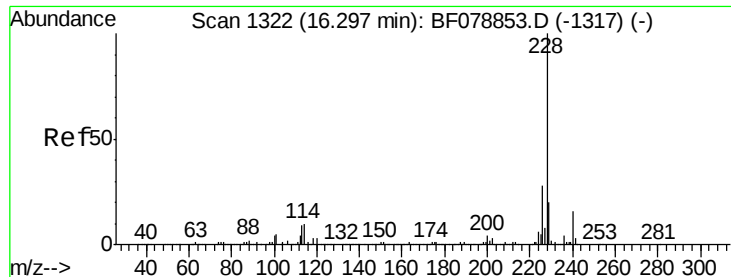
Lab File: BF079307.D

Acq: 16 May 2015 11:32

Tgt Ion:	244	Resp:	308825
Ion Ratio	Lower	Upper	
244	100		
212	5.9	5.6	8.4
122	9.4	10.5	15.7#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





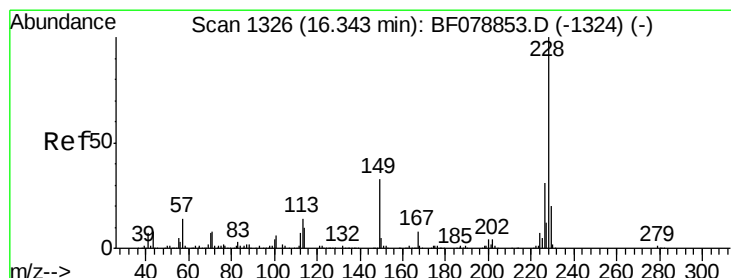
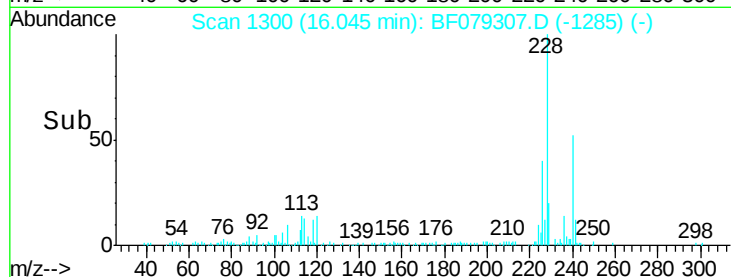
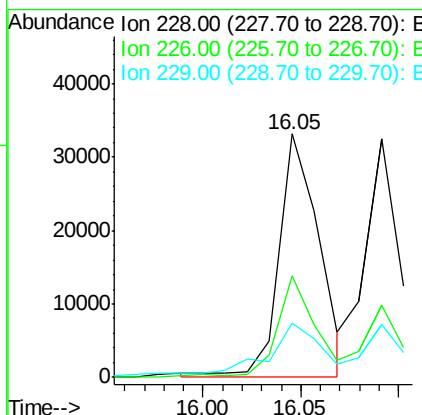
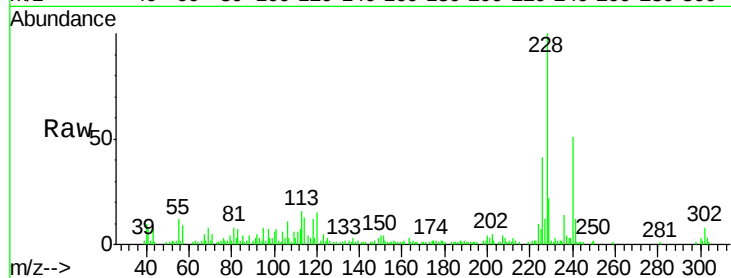
#80
Benzo(a)anthracene
Concen: 3.14 ng
RT: 16.05 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Instrument :
BNA_F
ClientSampleId :
WC-11-D1

Tot Ion	Ratio	Lower	Upper
228	100		
226	41.5	22.3	33.5#
229	22.4	16.1	24.1

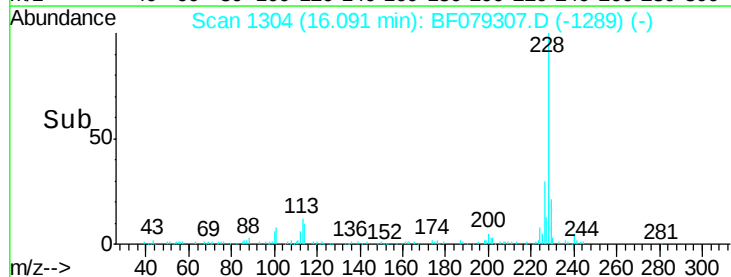
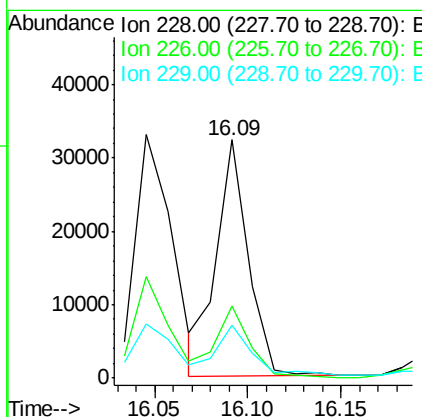
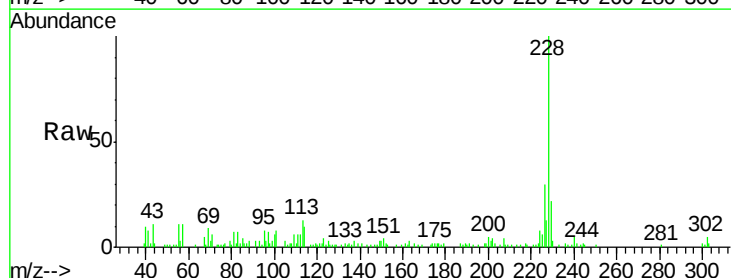
Manual Integrations
APPROVED

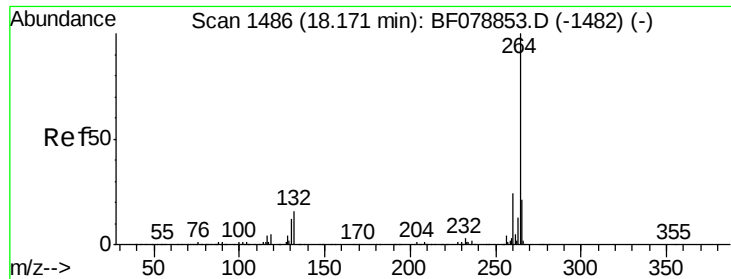
apatel
5/18/2015 3:42:50 PM



#82
Chrysene
Concen: 2.64 ng
RT: 16.09 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	22.3	16.1	24.1





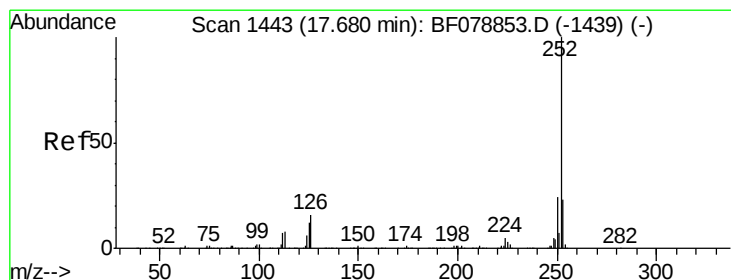
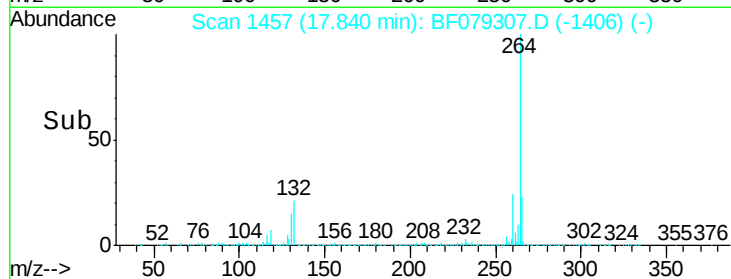
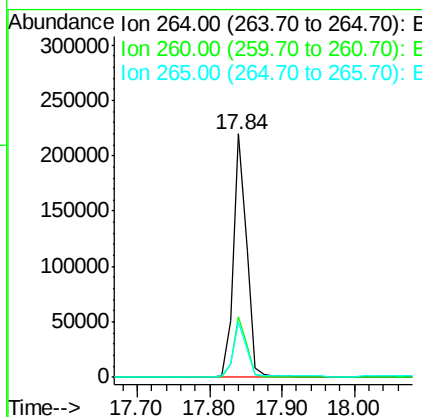
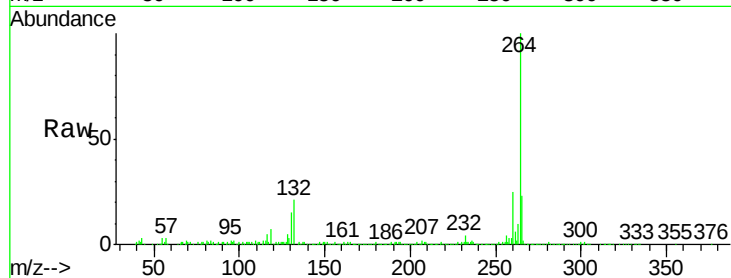
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.84 min Scan# 1457
Delta R.T. 0.08 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Instrument :
BNA_F
ClientSampleId :
WC-11-D1

Tot Ion:	264	Resp:	280074
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.9	17.2	25.8

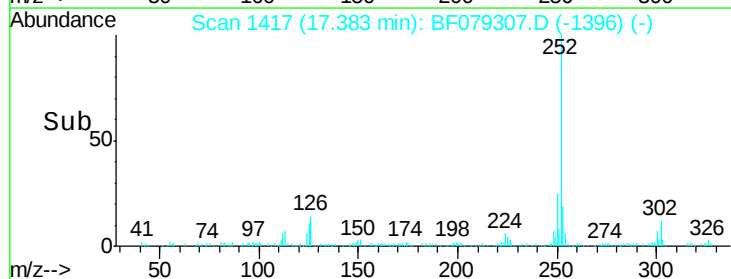
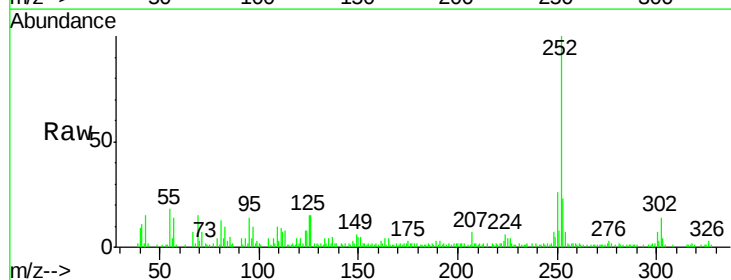
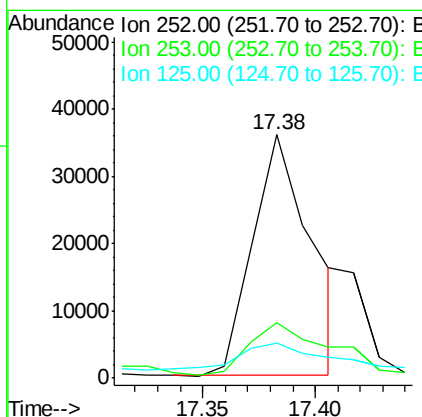
Manual Integrations
APPROVED

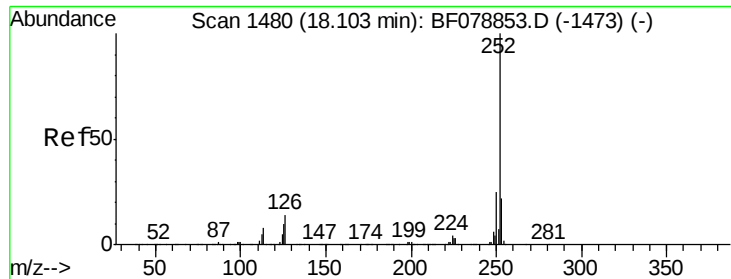
apatel
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#87
Benzo(b)fluoranthene
Concen: 4.24 ng m
RT: 17.38 min Scan# 1417
Delta R.T. 0.06 min
Lab File: BF079307.D
Acq: 16 May 2015 11:32

Tgt Ion:	252	Resp:	64930
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	14.6	9.4	14.2#





#89
 Benzo(a)pyrene
 Concen: 3.02 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. 0.07 min
 Lab File: BF079307.D
 Acq: 16 May 2015 11:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-D1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	15.6	8.2	12.2

Manual Integrations
 APPROVED

apatel
 5/18/2015 3:42:50 PM

