

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079200.D
 Acq On : 13 May 2015 17:40
 Operator : TP/IZ
 Sample : G2195-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

Manual Integrations
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Quant Time: May 14 06:07:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	53994	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	216002	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	105124	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	203114	20.00	ng	0.00
75) Chrysene-d12	16.30	240	225203m	20.00	ng	0.14
86) Perylene-d12	18.18	264	223844	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396628	126.45	ng	0.00
7) Phenol-d6	6.80	99	525802	126.82	ng	0.00
23) Nitrobenzene-d5	7.93	82	314944	83.80	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	156308	137.44	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	575955	76.33	ng	0.00
78) Terphenyl-d14	14.87	244	670837m	71.32	ng	0.05
Target Compounds						
49) Dimethylphthalate	10.66	163	30334	3.93	ng	99
74) Fluoranthene	14.35	202	40631	3.43	ng	98
77) Pyrene	14.64	202	47129	3.63	ng	96
80) Benzo(a)anthracene	16.29	228	32399m	2.63	ng	
82) Chrysene	16.34	228	36877m	3.11	ng	
83) Bis(2-ethylhexyl)phthalate	16.38	149	18500m	2.15	ng	
87) Benzo(b)fluoranthene	17.58	252	30797m	2.51	ng	

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

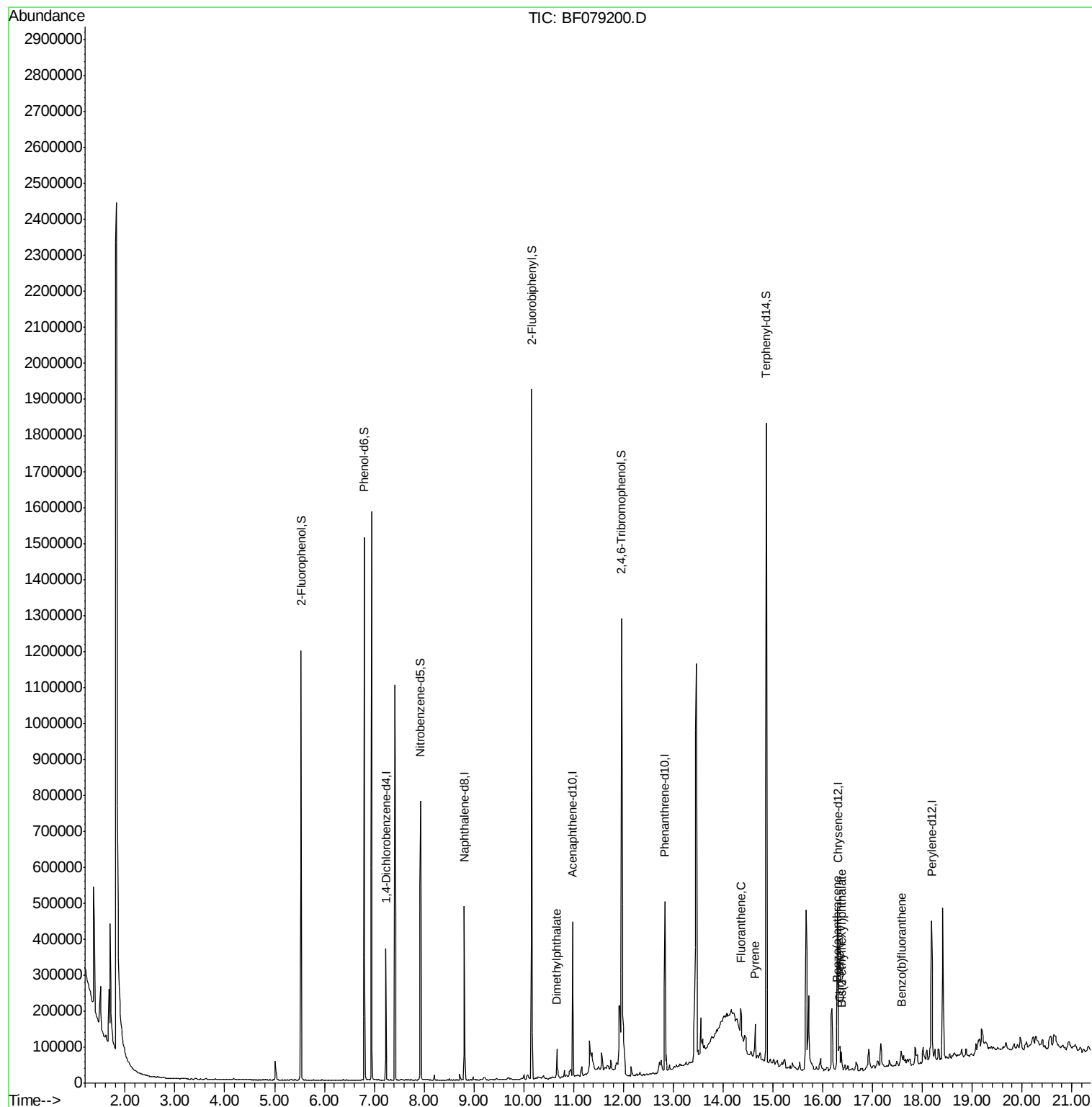
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079200.D
Acq On : 13 May 2015 17:40
Operator : TP/IZ
Sample : G2195-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

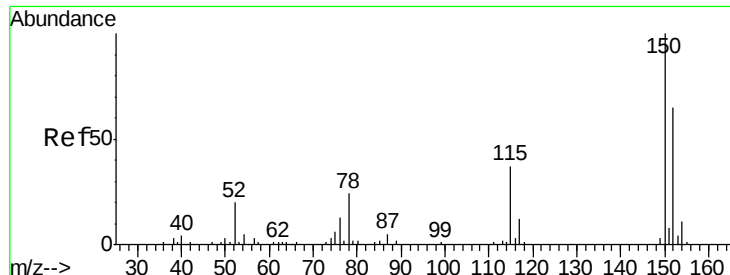
Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

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Quant Time: May 14 06:07:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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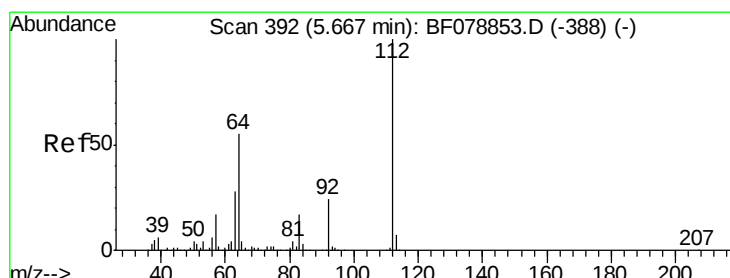
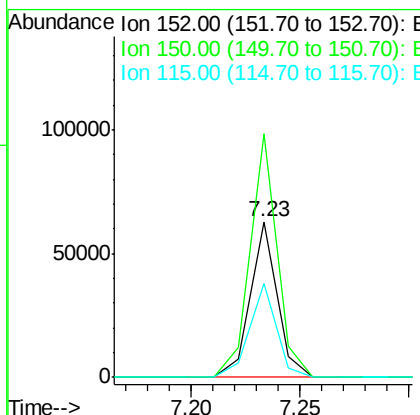
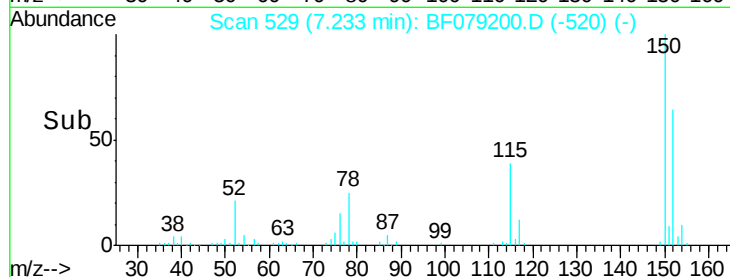
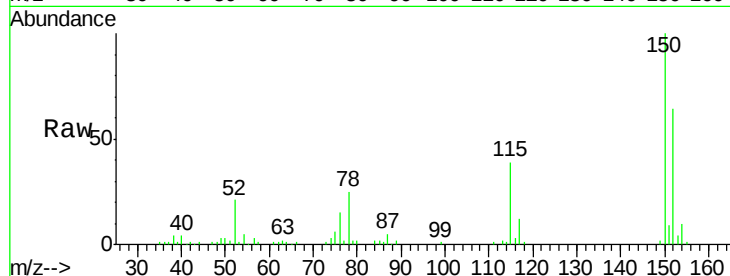
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

Tot Ion:	152	Resp:	53994
Ion Ratio	Lower	Upper	
152	100		
150	156.4	122.0	183.0
115	60.6	46.3	69.5

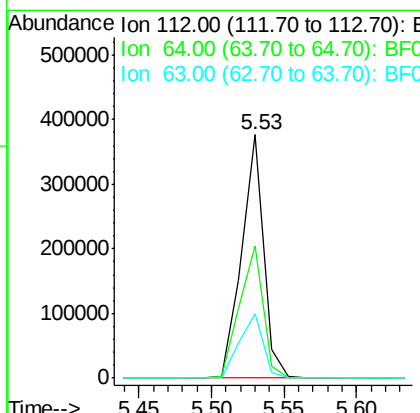
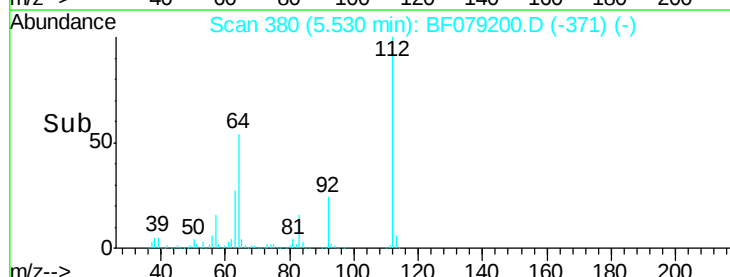
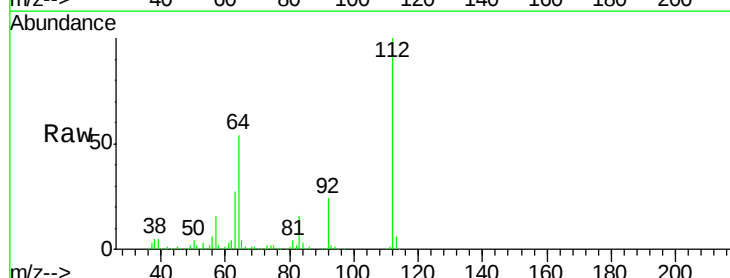
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#5
 2-Fluorophenol
 Concen: 126.45 ng
 RT: 5.53 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Tgt Ion:	112	Resp:	396628
Ion Ratio	Lower	Upper	
112	100		
64	54.1	53.5	80.3
63	26.5	27.5	41.3#





#7

Phenol-d6

Concen: 126.82 ng

RT: 6.80 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

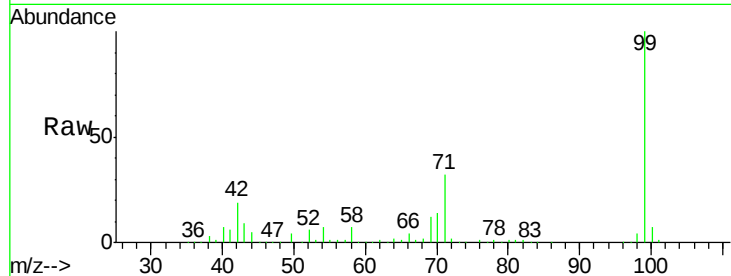
ClientSampleId :

TU012-SB-24-4.5

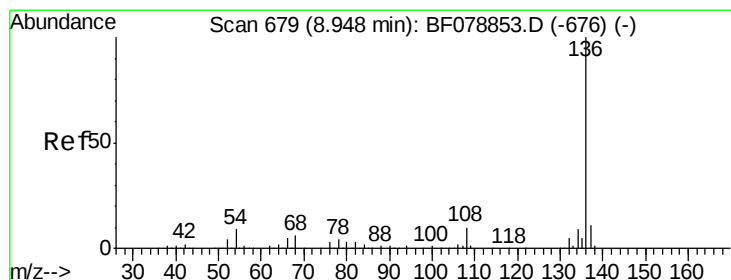
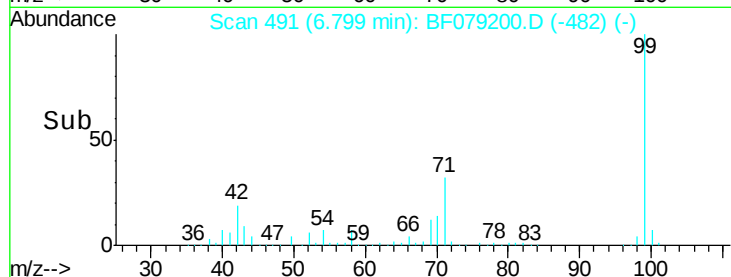
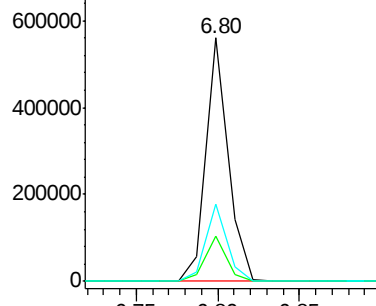
Tot Ion:	99	Resp:	525802
Ion Ratio	Lower	Upper	
99	100		
42	18.6	12.8	19.2
71	31.7	23.4	35.2

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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: 8.81 min Scan# 667

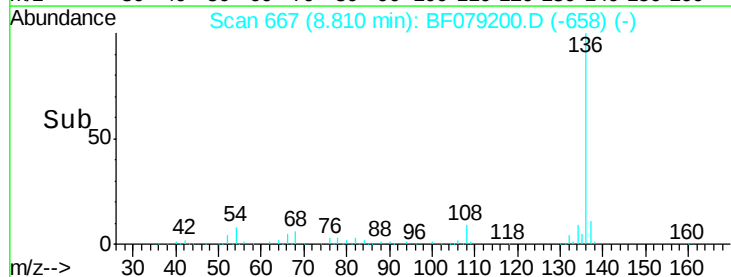
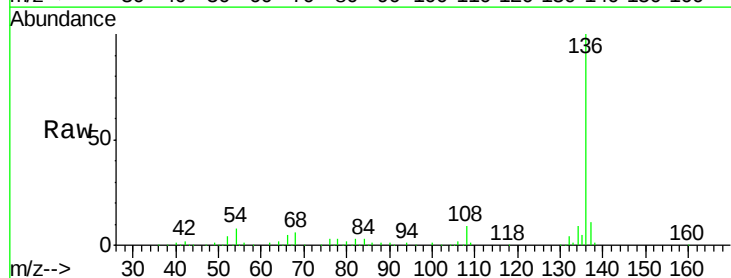
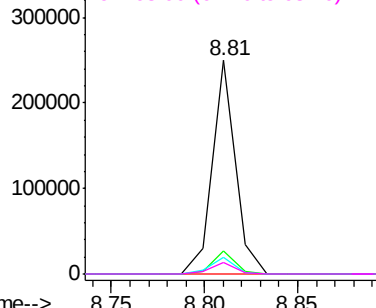
Delta R.T. -0.00 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Tgt Ion:	136	Resp:	216002
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	7.7	5.8	8.8
68	5.6	4.2	6.4

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





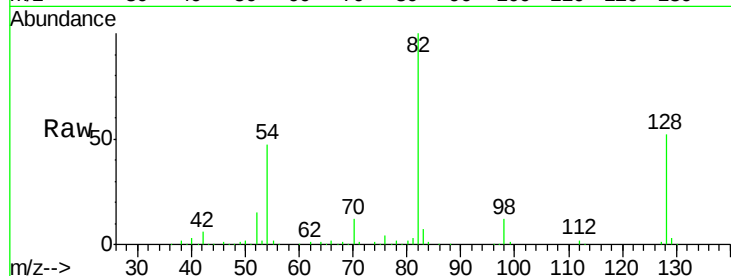
#23
Nitrobenzene-d5
Concen: 83.80 ng
RT: 7.93 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

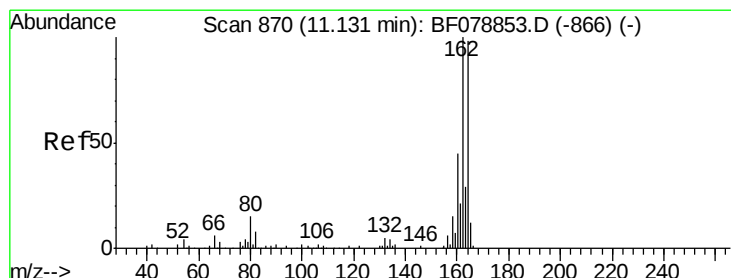
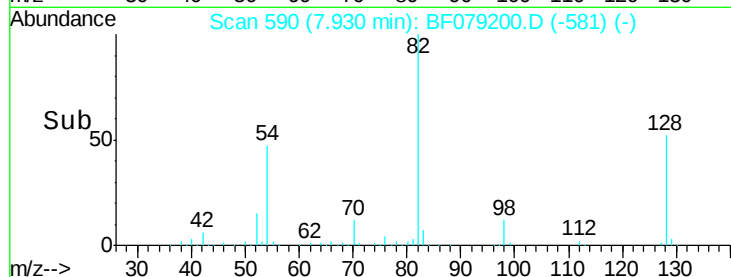
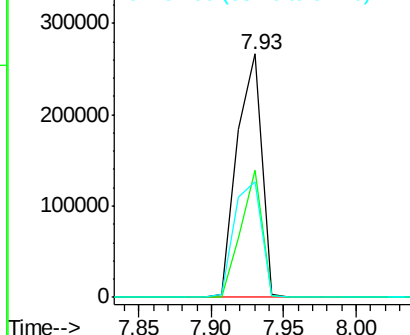
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	52.2	30.0	45.0#	
54	47.3	46.4	69.6	

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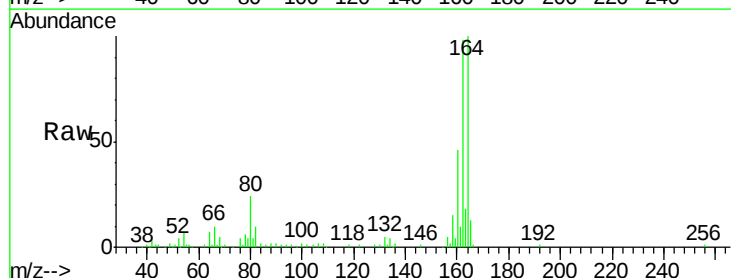


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

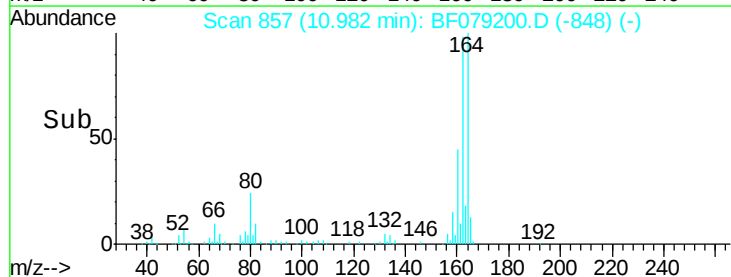
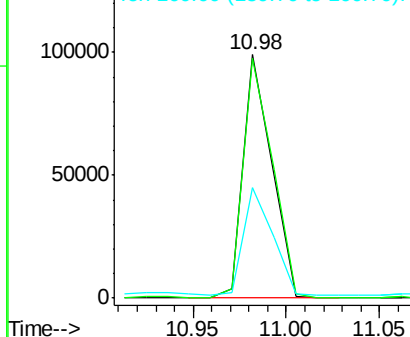


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.3	82.7	124.1	
160	45.6	35.8	53.8	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





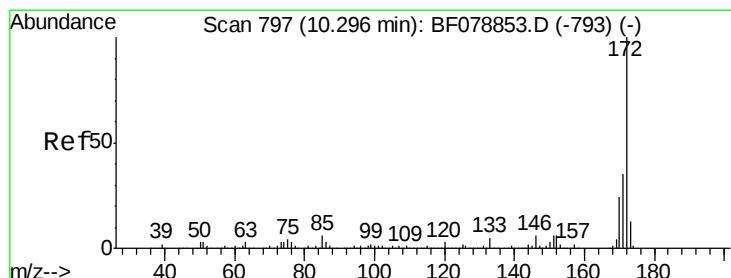
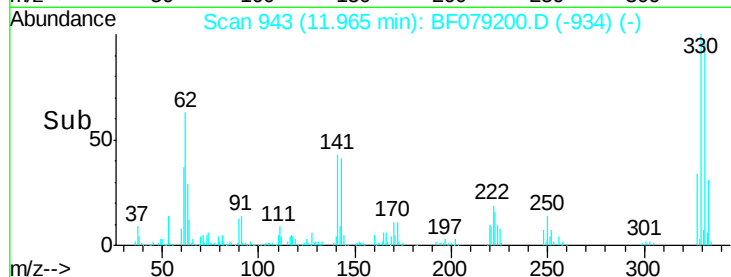
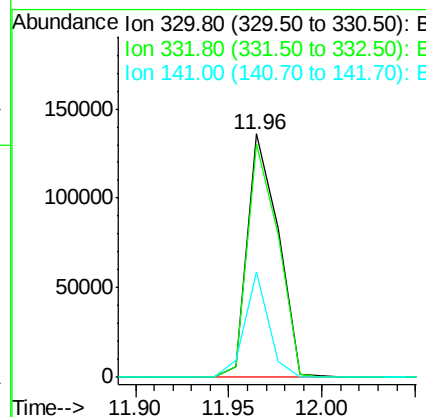
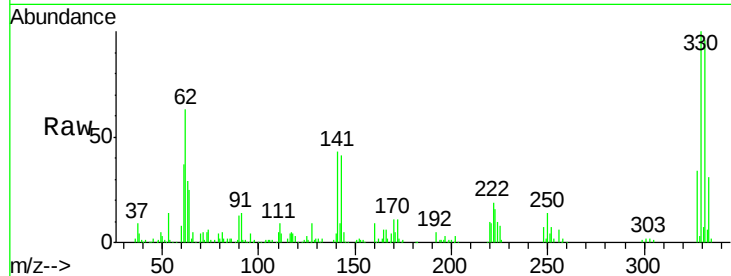
#41
 2,4,6-Tribromophenol
 Concen: 137.44 ng
 RT: 11.96 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-24-4.5

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	33.8	0.0	0.0#

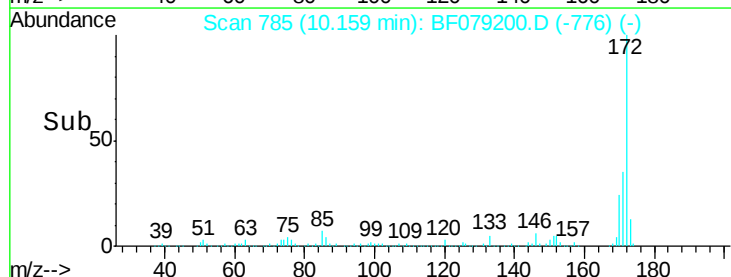
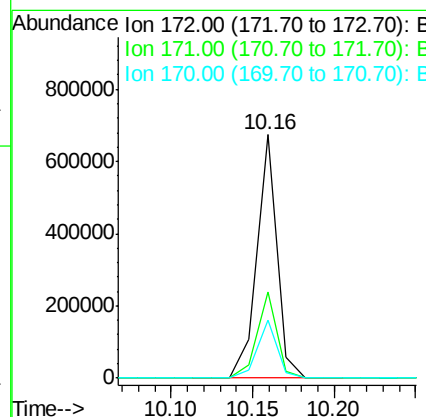
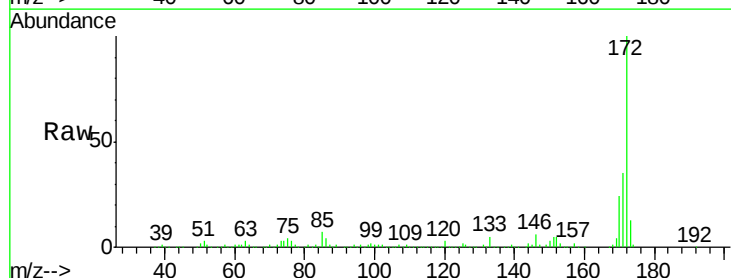
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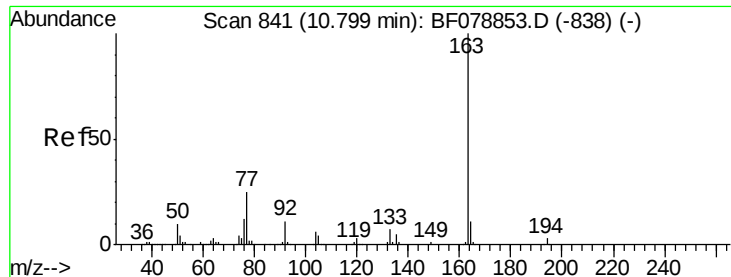
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#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 10.16 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF079200.D
 Acq: 13 May 2015 17:40

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.3	27.9	41.9
170	24.1	19.4	29.0





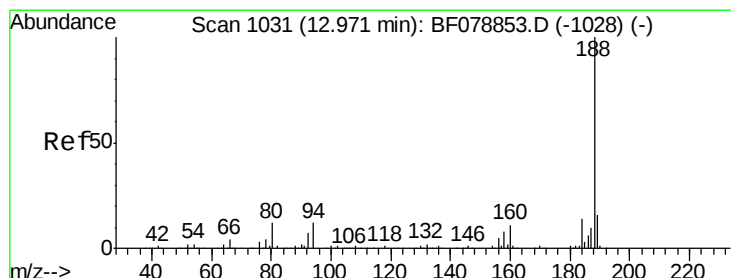
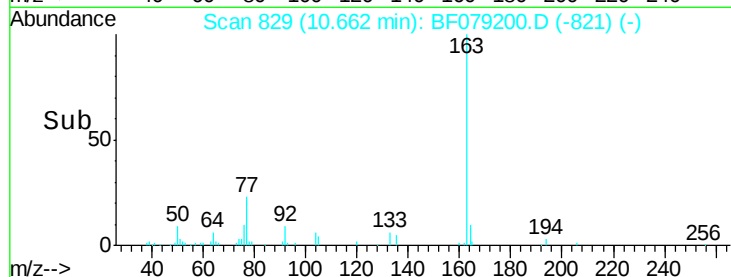
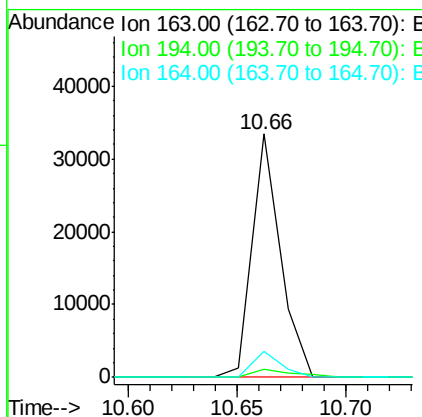
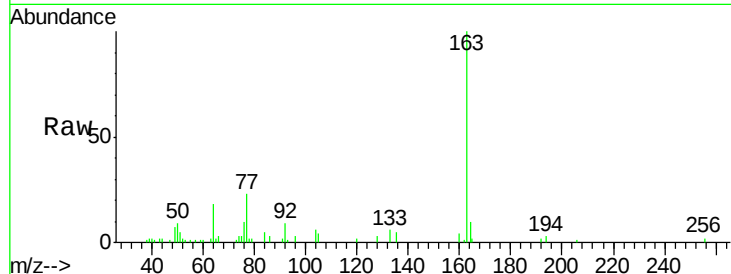
#49
Dimethylphthalate
Concen: 3.93 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	30334		
194	3.2		2.6	4.0
164	10.4		8.1	12.1

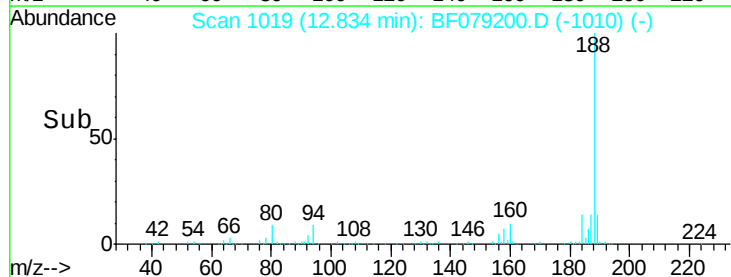
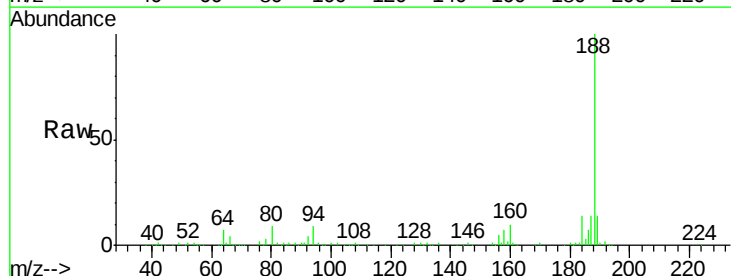
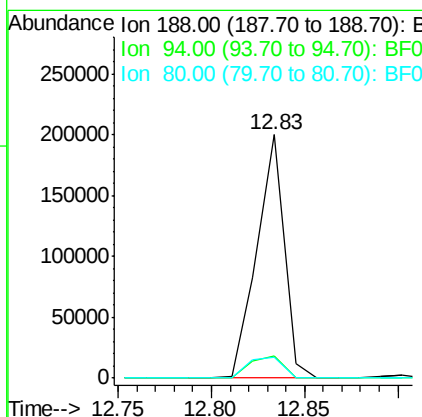
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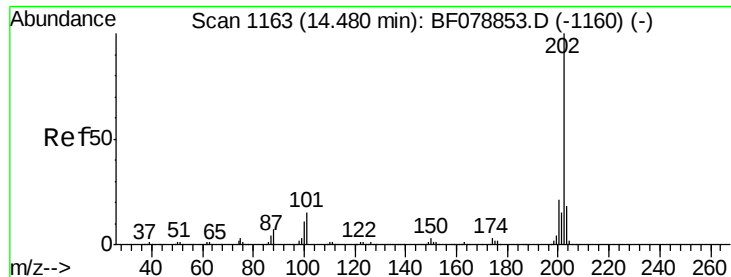
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	203114		
94	9.2		8.2	12.2
80	8.6		8.9	13.3#





#74

Fluoranthene

Concen: 3.43 ng

RT: 14.35 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

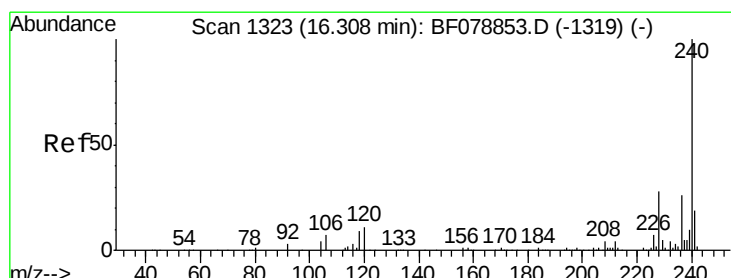
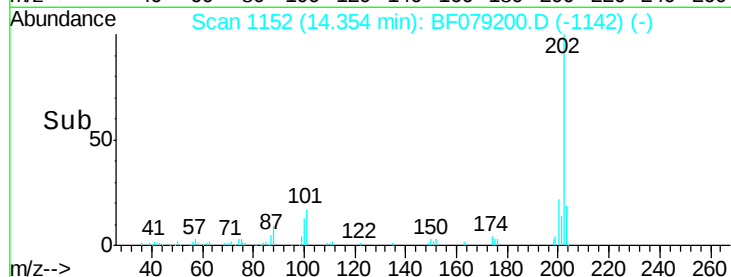
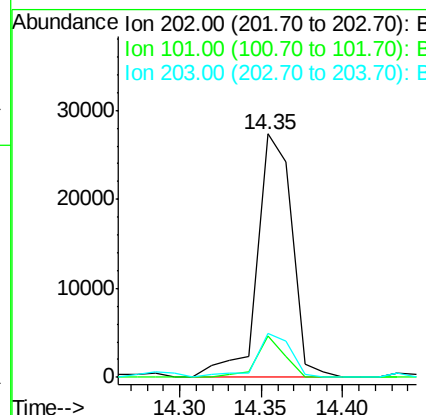
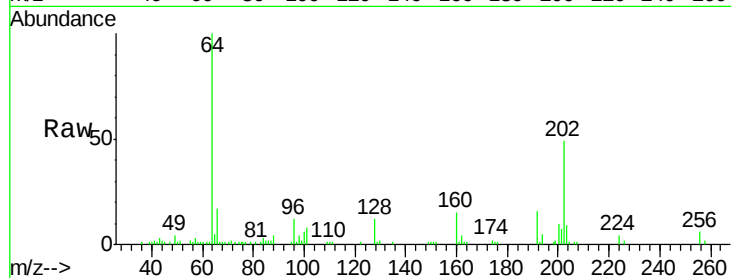
ClientSampleId :

TU012-SB-24-4.5

Tot Ion:	202	Resp:	40631
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	34.6
203	18.3	0.0	38.4

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#75

Chrysene-d12

Concen: 20.00 ng m

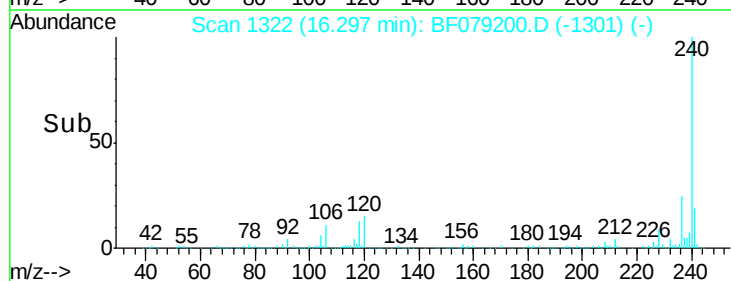
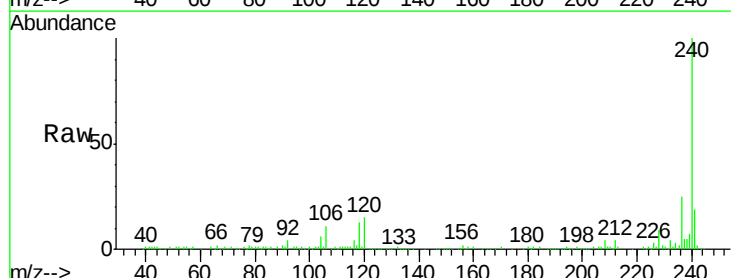
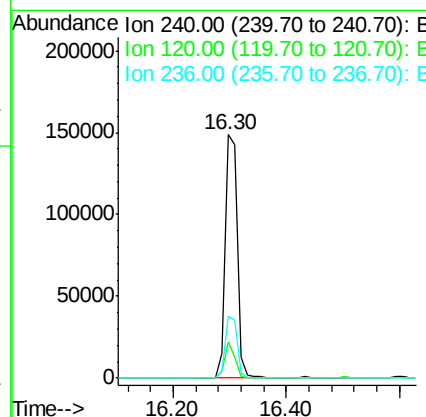
RT: 16.30 min Scan# 1322

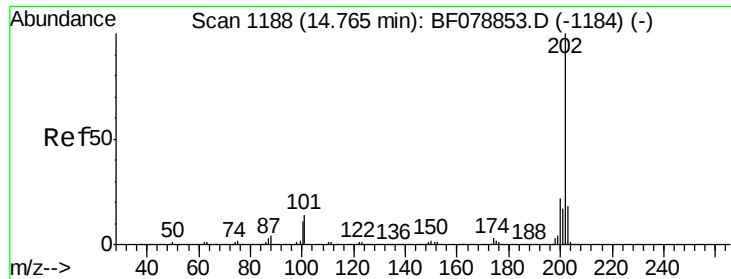
Delta R.T. 0.14 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Tgt Ion:	240	Resp:	225203
Ion Ratio	Lower	Upper	
240	100		
120	15.2	9.7	14.5#
236	25.2	20.2	30.4





#77

Pvrene

Concen: 3.63 ng

RT: 14.64 min Scan# 1177

Delta R.T. 0.02 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

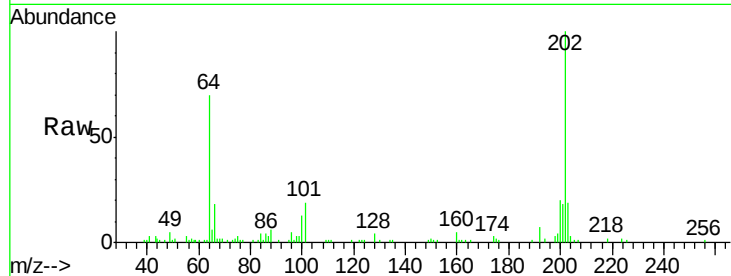
ClientSampleId :

TU012-SB-24-4.5

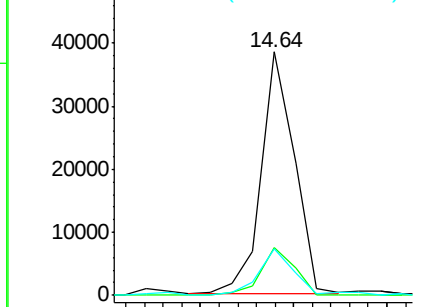
Tot Ion:	202	Resp:	47129
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.5	26.3
203	19.1	13.9	20.9

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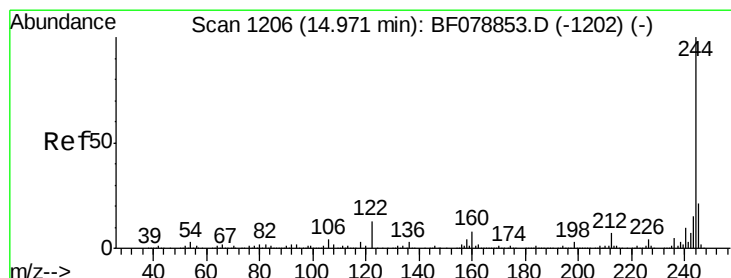
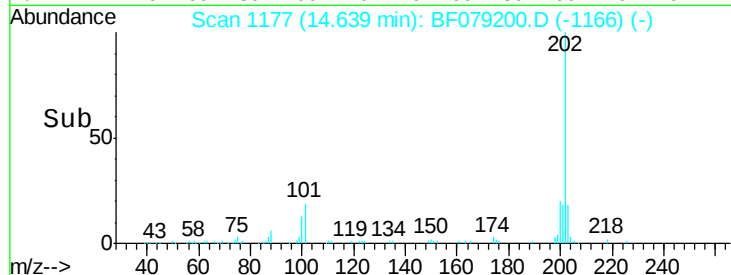
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 71.32 ng m

RT: 14.87 min Scan# 1197

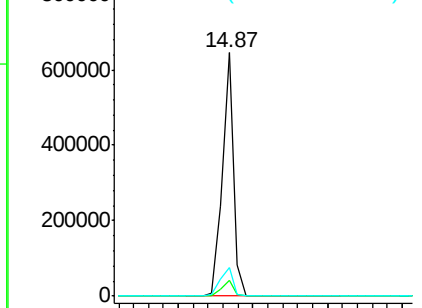
Delta R.T. 0.05 min

Lab File: BF079200.D

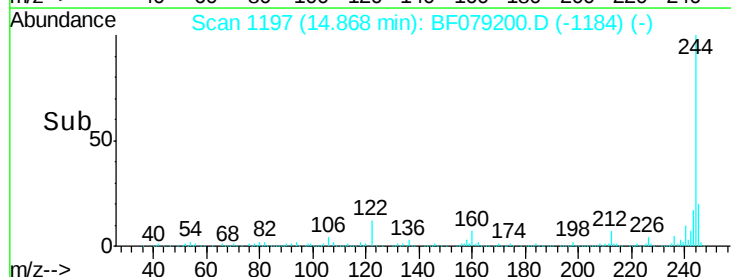
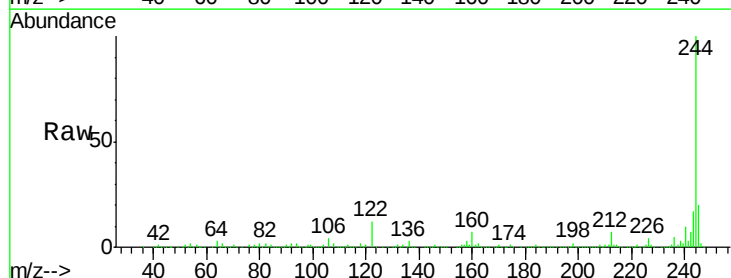
Acq: 13 May 2015 17:40

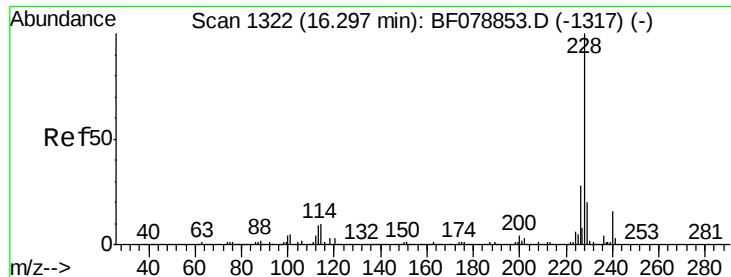
Tgt Ion:	244	Resp:	670837
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.6	8.4
122	11.7	10.3	15.5

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



Time-->





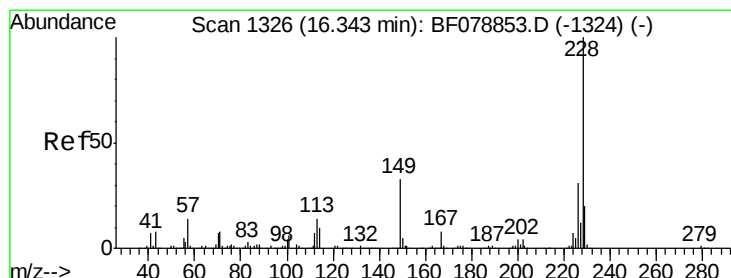
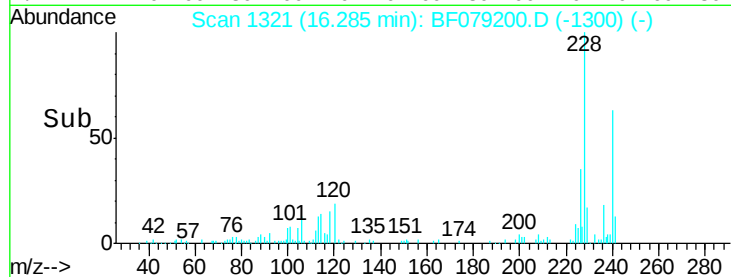
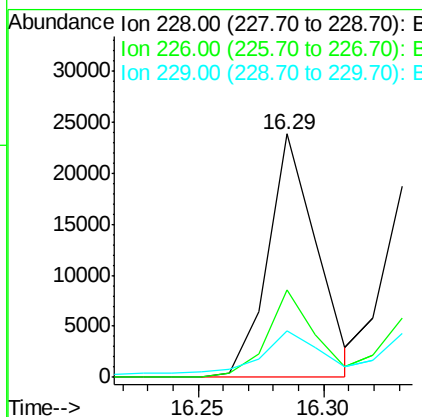
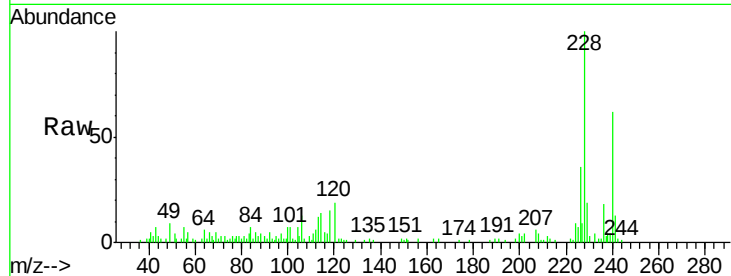
#80
Benzo(a)anthracene
Concen: 2.63 ng m
RT: 16.29 min Scan# 1321
Delta R.T. 0.14 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.7	22.6	33.8#
229	19.0	15.9	23.9

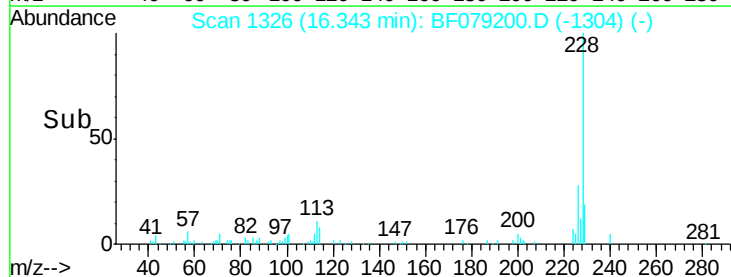
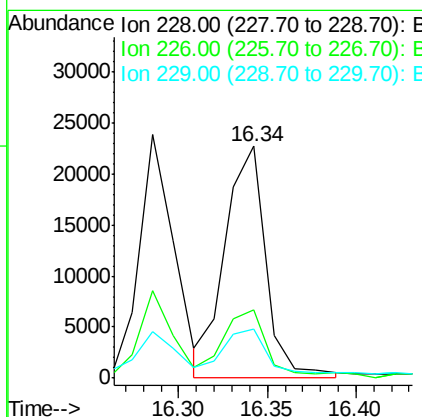
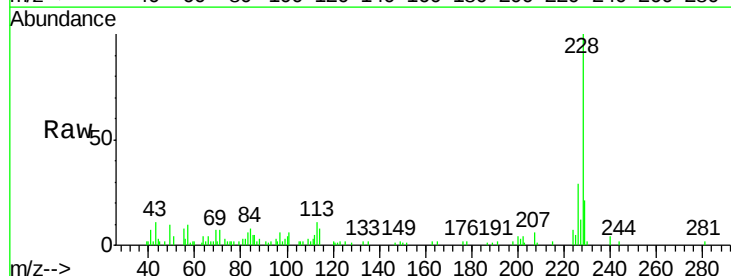
Manual Integrations
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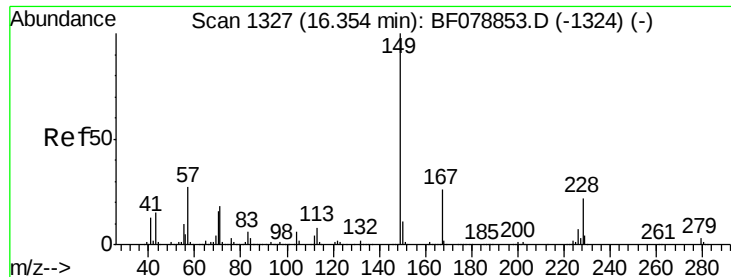
apatel
5/14/2015 5:00:51 PM



#82
Chrysene
Concen: 3.11 ng m
RT: 16.34 min Scan# 1326
Delta R.T. 0.15 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.15 ng/mL

RT: 16.38 min Scan# 1329

Delta R.T. 0.17 min

Lab File: BF079200.D

Acq: 13 May 2015 17:40

Instrument :

BNA_F

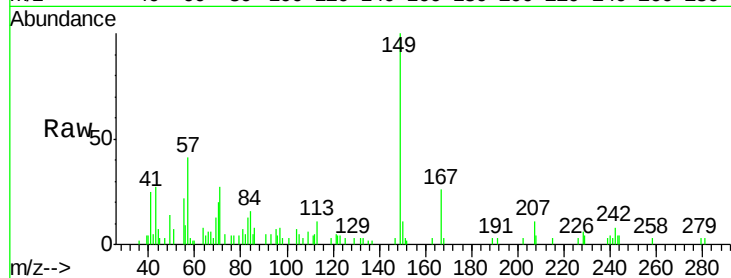
ClientSampleId :

TU012-SB-24-4.5

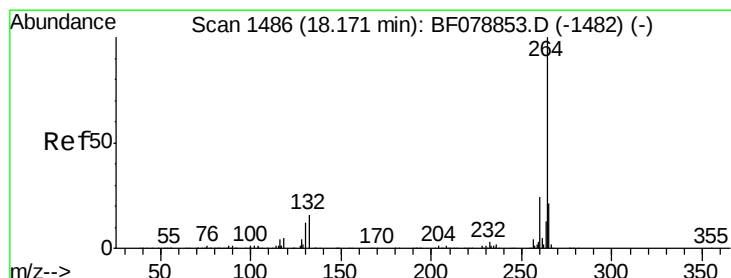
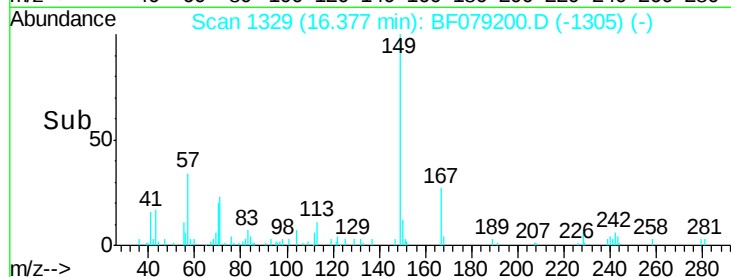
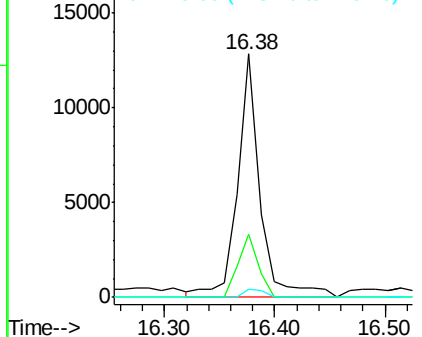
Tot Ion:	149	Resp:	18500
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.8
279	3.1	2.9	4.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

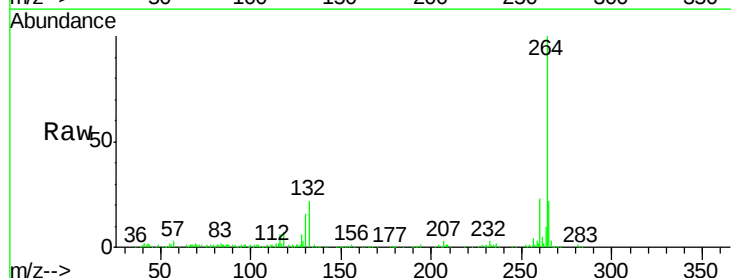
RT: 18.18 min Scan# 1487

Delta R.T. 0.16 min

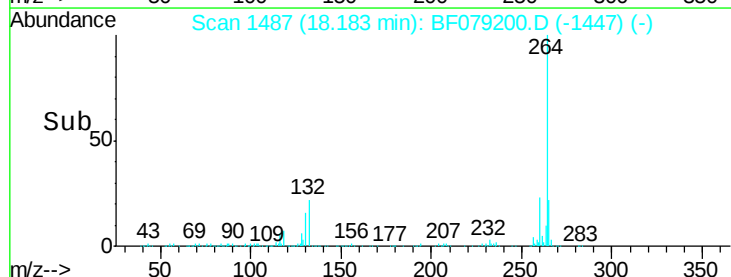
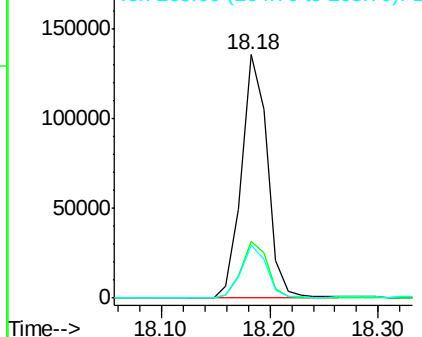
Lab File: BF079200.D

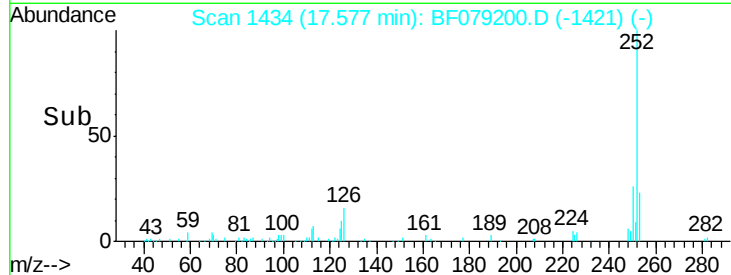
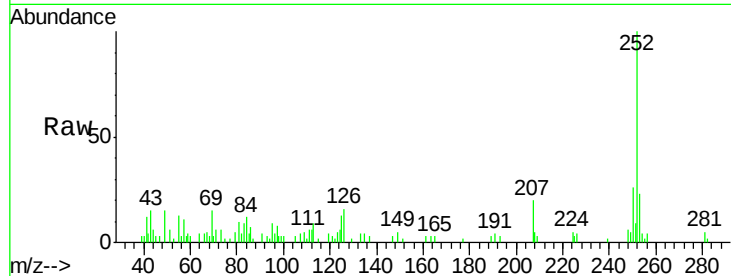
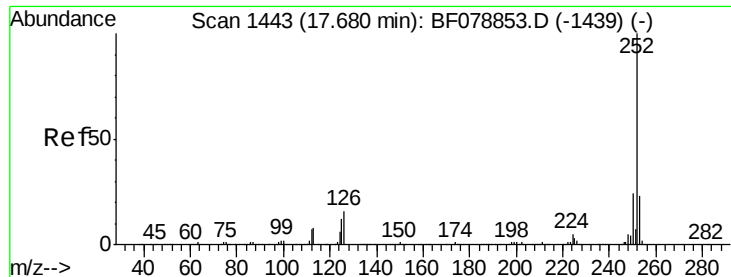
Acq: 13 May 2015 17:40

Tgt Ion:	264	Resp:	223844
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	21.5	18.3	27.5



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: 2.51 ng m
RT: 17.58 min Scan# 1434
Delta R.T. 0.05 min
Lab File: BF079200.D
Acq: 13 May 2015 17:40

Tot Ion:	252	Resp:	30797
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	13.1	9.5	14.3

Instrument :
BNA_F
ClientSampleId :
TU012-SB-24-4.5

Manual Integrations
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apatel
5/14/2015 5:00:51 PM

