

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085326.D
 Acq On : 10 Mar 2016 4:14
 Operator : UM/SJ
 Sample : H1699-05 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Manual Integrations
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Quant Time: Mar 10 11:54:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	173196m	20.00	ng	-0.05
21) Naphthalene-d8	8.23	136	735411	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	324803	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	568266	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	267258	20.00	ng	-0.05
86) Perylene-d12	15.58	264	277120	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	153892	14.90	ng	-0.05
7) Phenol-d6	6.56	99	216958	16.04	ng	-0.05
23) Nitrobenzene-d5	7.50	82	129322	9.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	35307	12.70	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	239170	11.20	ng	-0.05
78) Terphenyl-d14	13.05	244	131278	11.40	ng	-0.03
Target Compounds						
74) Fluoranthene	12.69	202	72202	2.42	ng	93
77) Pyrene	12.92	202	66629	3.31	ng	97

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

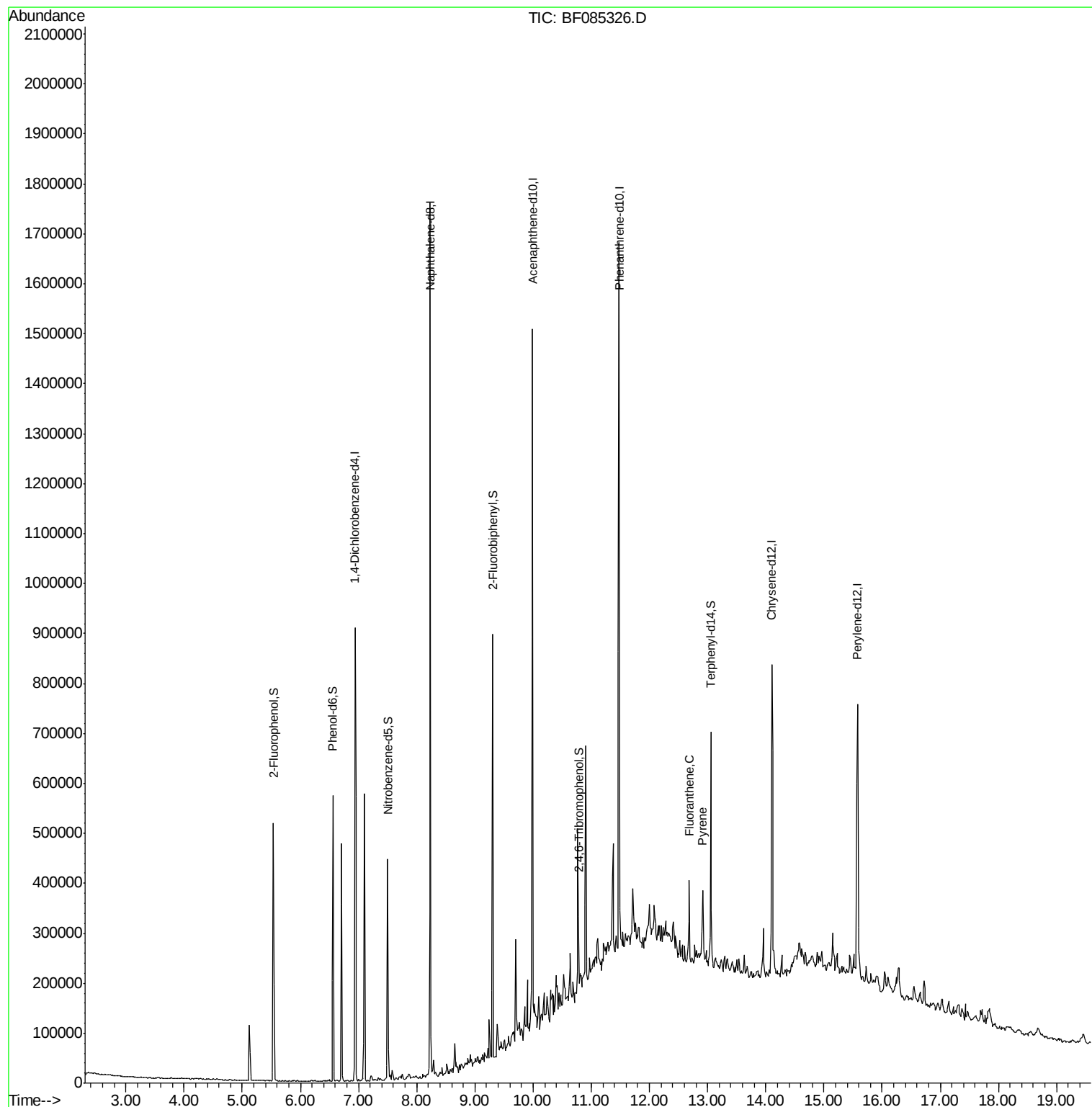
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085326.D
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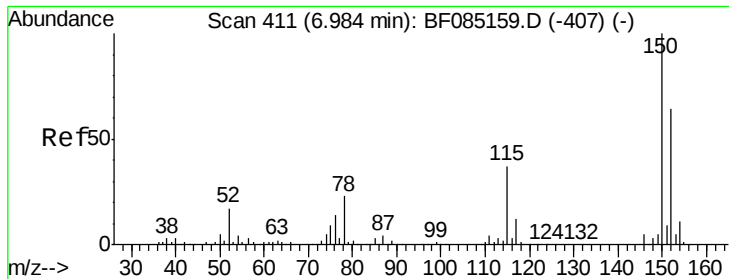
Instrument :
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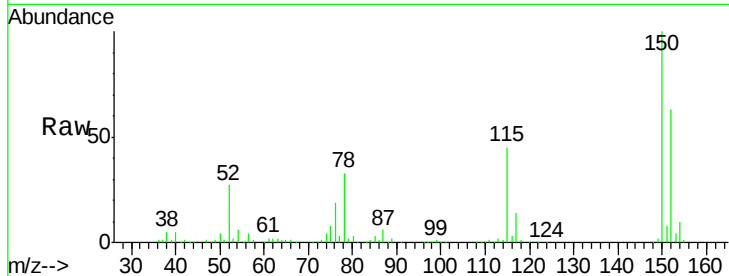




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

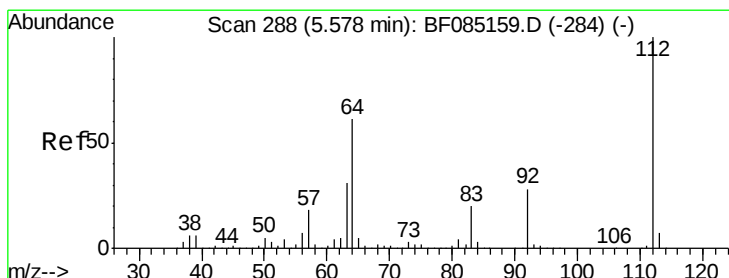
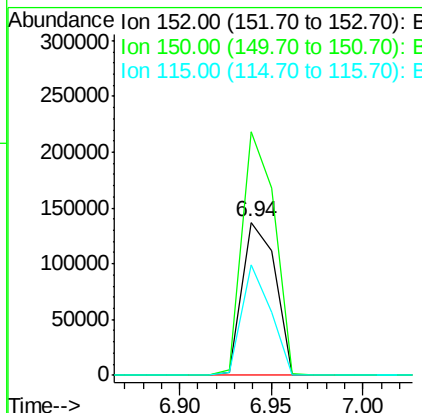
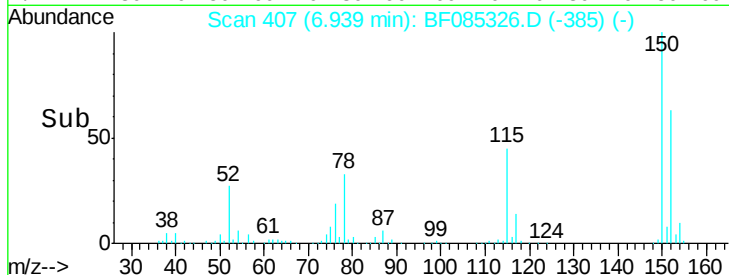
Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	173196		
150	159.3	124.6	186.8	
115	72.4	46.6	70.0	

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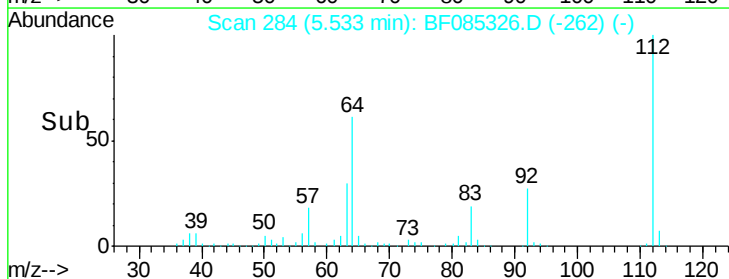
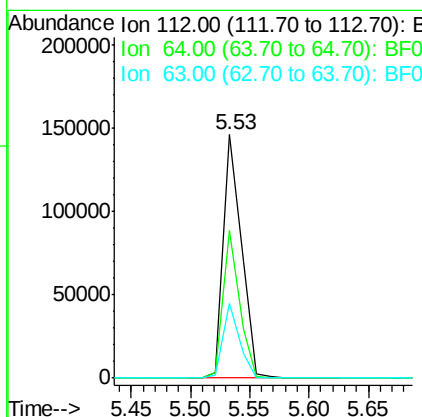
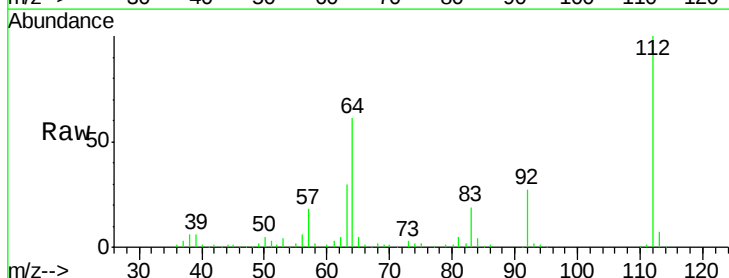
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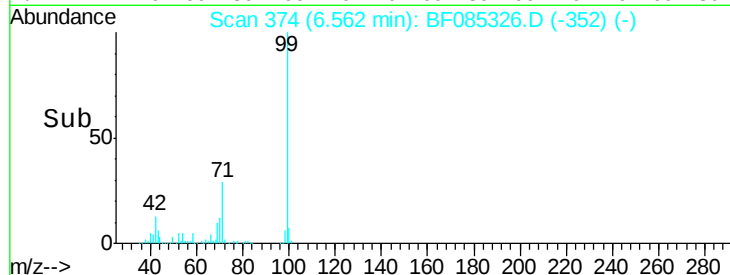
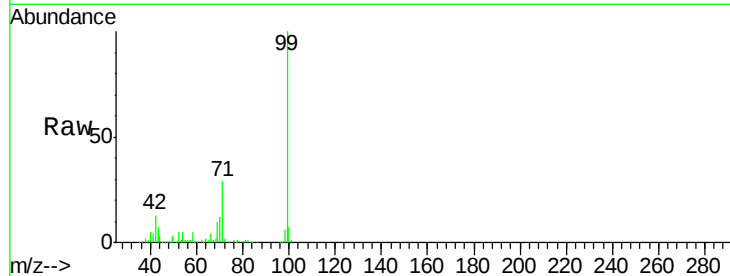


#5

2-Fluorophenol
Concen: 14.90 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	153892		
64	60.8	49.0	73.4	
63	30.5	24.8	37.2	





#7

Phenol-d6

Concen: 16.04 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Tgt Ion:	99	Resp:	216958
Ion Ratio	Lower	Upper	
99	100		
42	12.7	13.6	20.4#
71	28.8	26.7	40.1

Instrument :

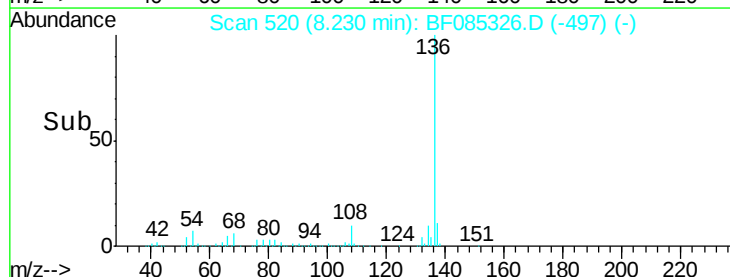
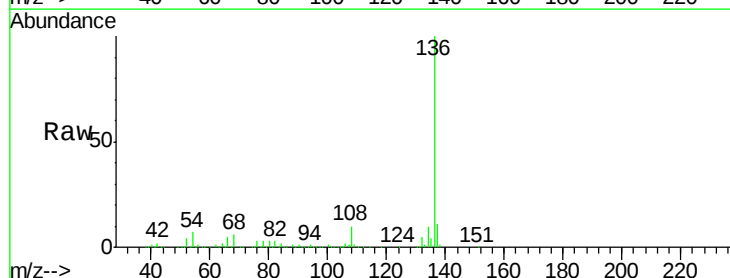
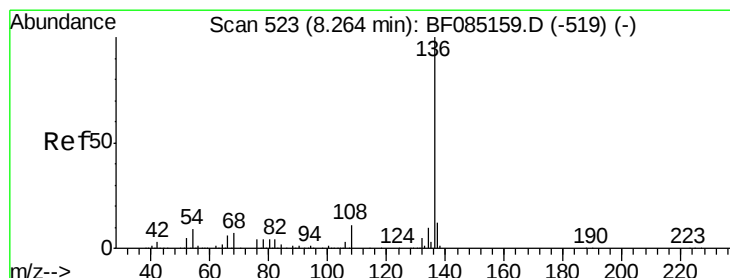
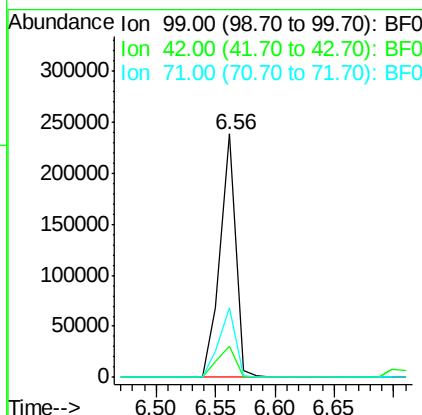
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ClientSampleId :

WASTECHAR(COMPOSITE)

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#21

Naphthalene-d8

Concen: 20.00 ng

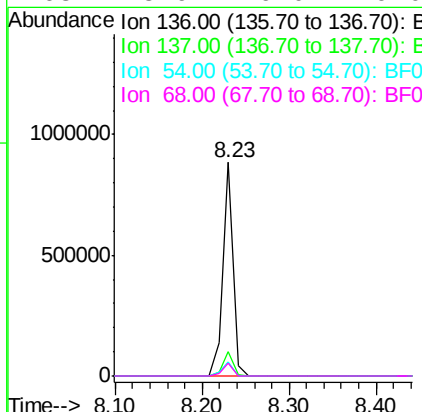
RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Tgt Ion:	136	Resp:	735411
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	6.9	7.4	11.2#
68	5.9	6.0	9.0#





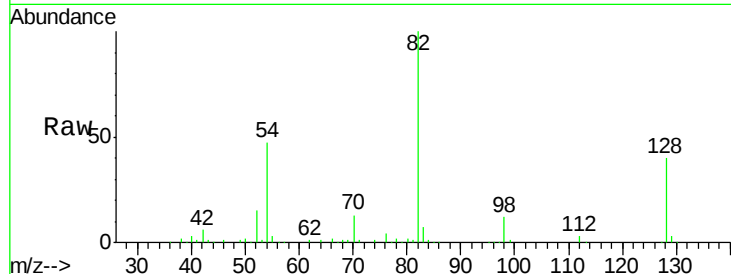
#23
Nitrobenzene-d5
Concen: 9.41 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

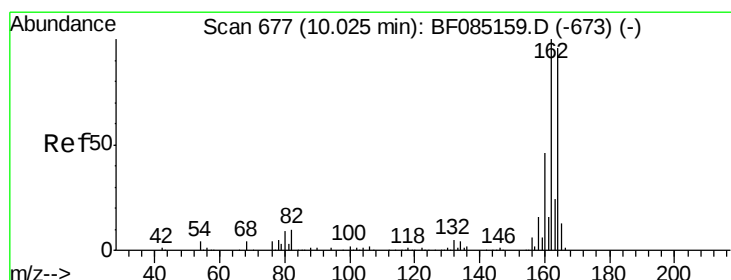
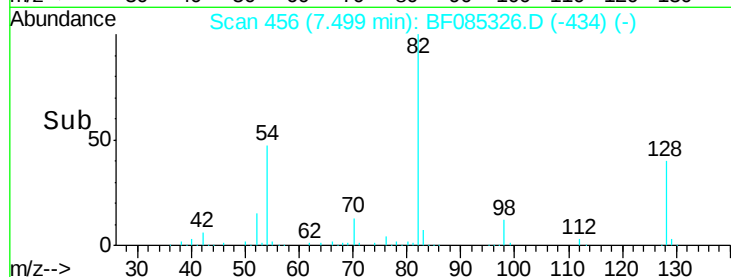
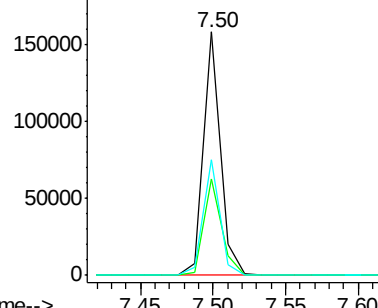
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	39.6	34.5	51.7
54	47.4	39.3	58.9

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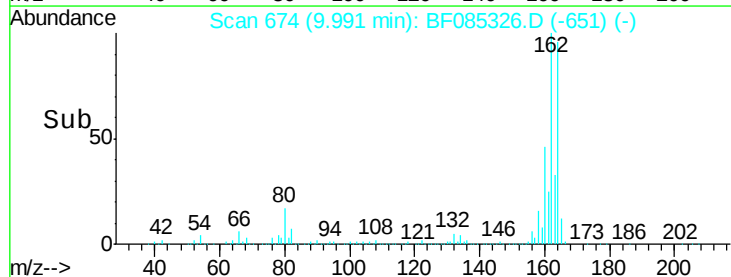
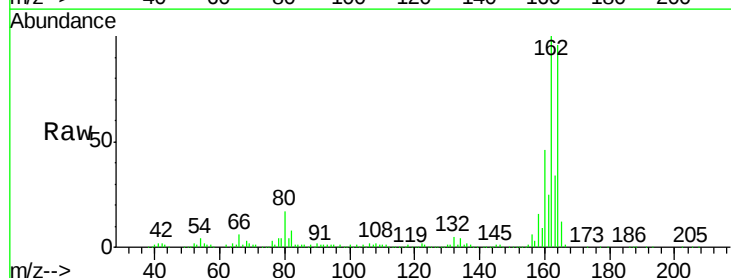
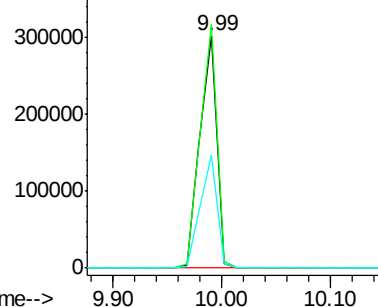
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	104.6	83.3	124.9
160	48.6	37.9	56.9

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





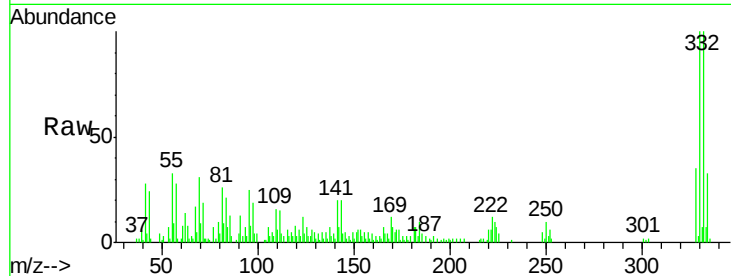
#41
 2,4,6-Tribromophenol
 Concen: 12.70 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

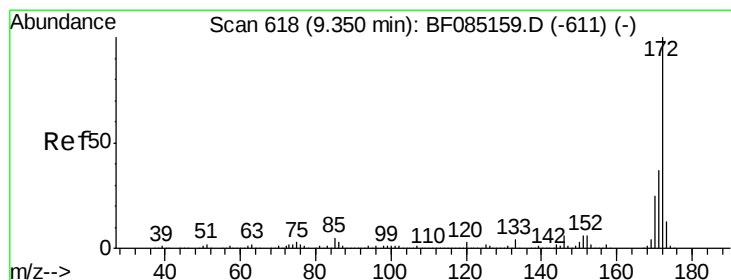
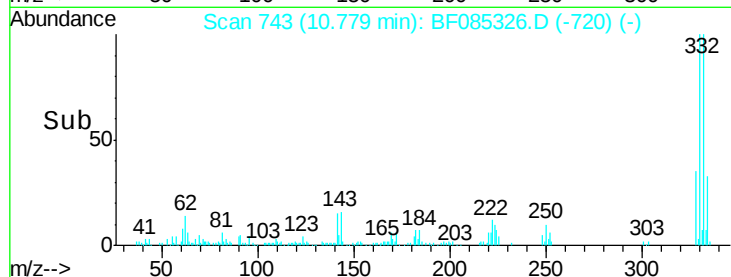
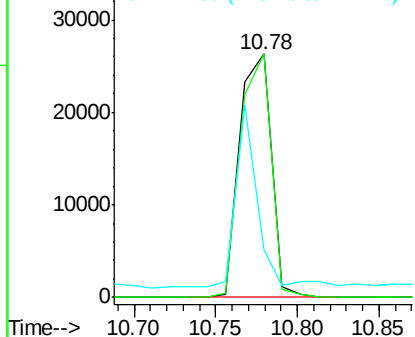
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	35307		
332	96.7	77.1	115.7	
141	51.1	35.0	52.6	

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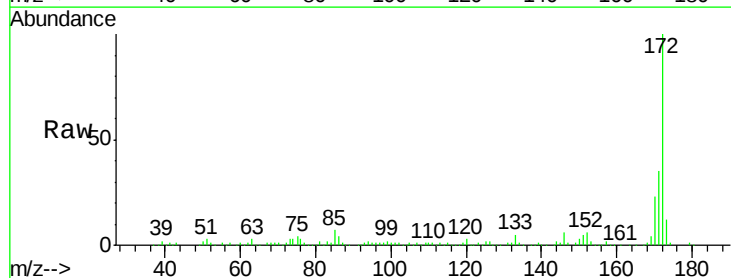


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

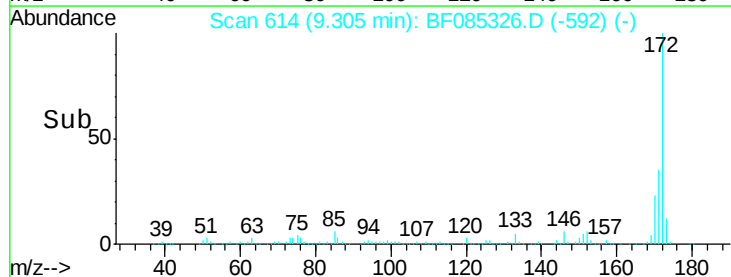
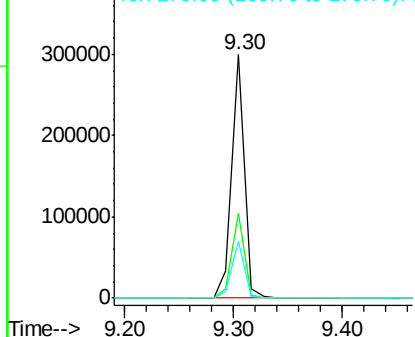


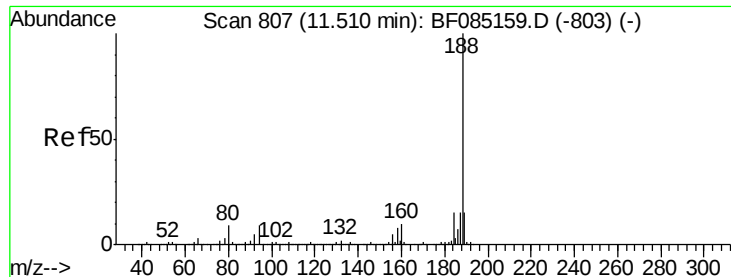
#44
 2-Fluorobiphenyl
 Concen: 11.20 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	239170		
171	34.9	29.3	43.9	
170	23.2	20.0	30.0	



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





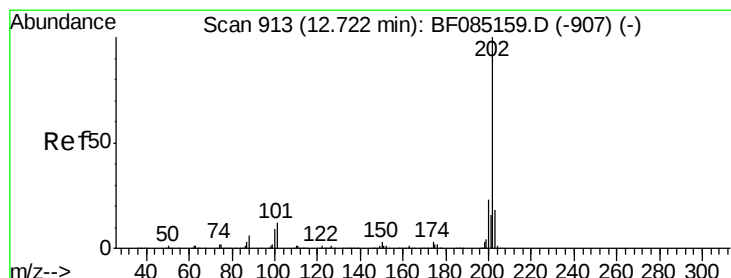
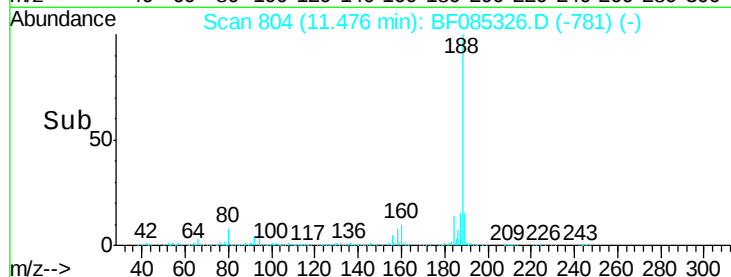
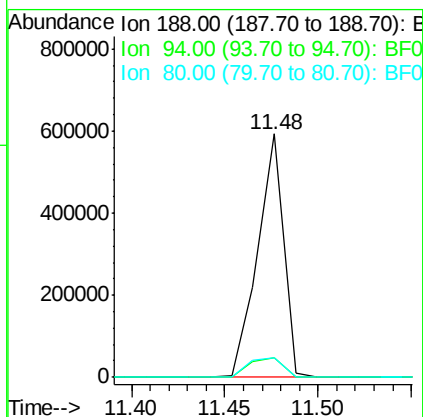
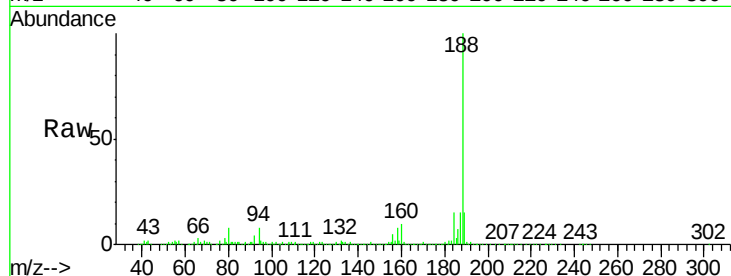
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	7.0	10.6
80	8.2	7.4	11.0

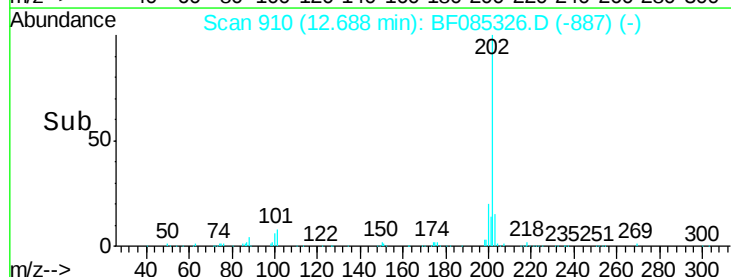
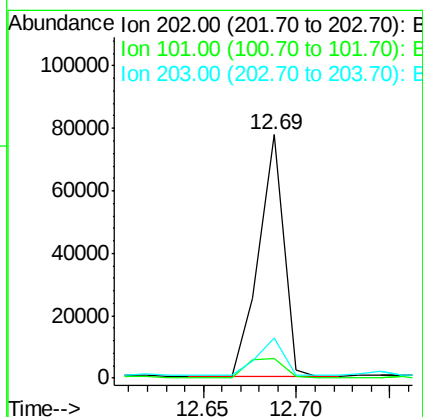
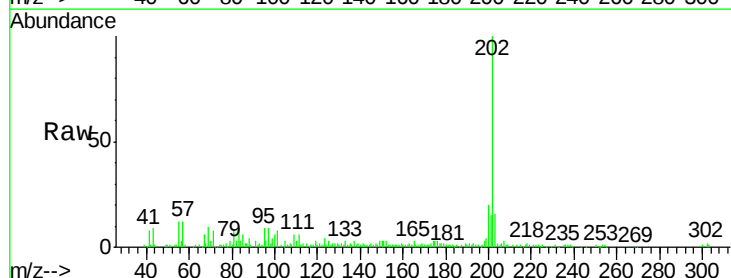
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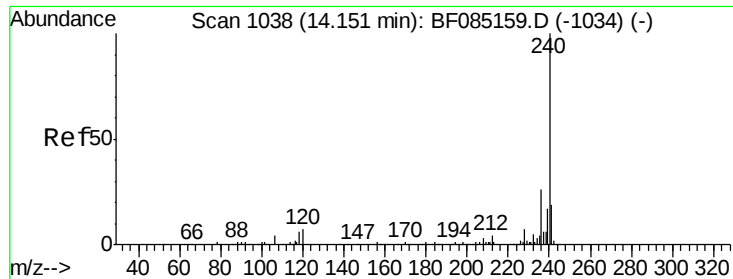
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#74
Fluoranthene
Concen: 2.42 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.0	0.0	31.8
203	16.4	0.0	38.4





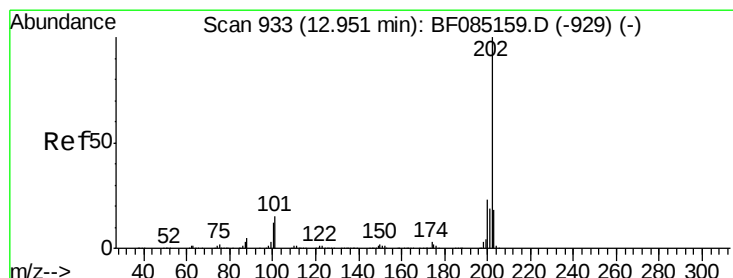
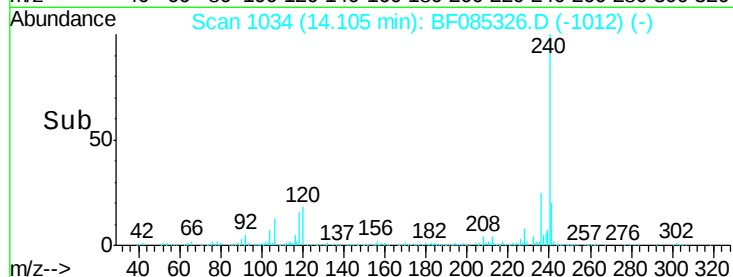
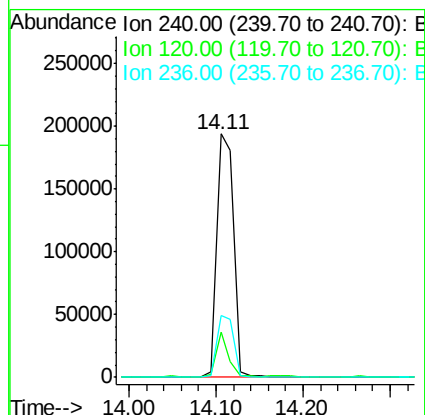
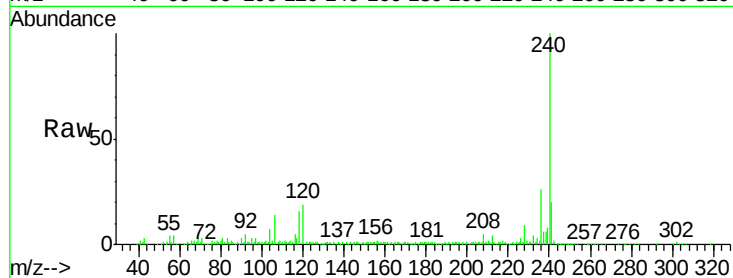
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Instrument :
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WASTECHAR(COMPOSITE)

Tgt Ion: 240 Resp: 267258
Ion Ratio Lower Upper
240 100
120 18.7 5.3 7.9#
236 25.5 20.7 31.1

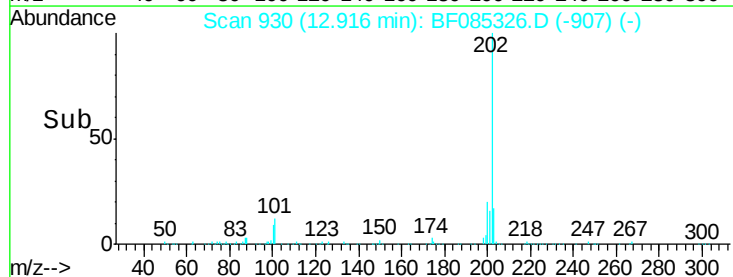
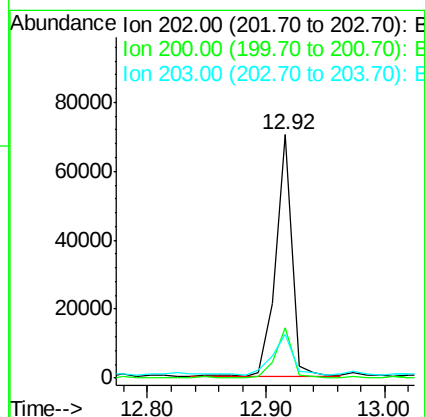
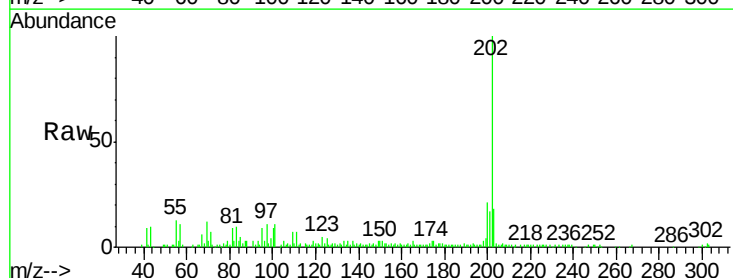
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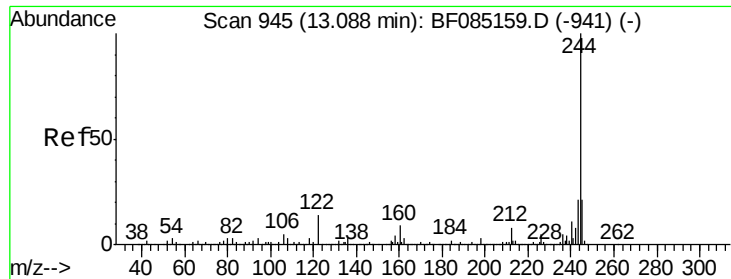
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#77
Pyrene
Concen: 3.31 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion: 202 Resp: 66629
Ion Ratio Lower Upper
202 100
200 20.7 18.2 27.4
203 18.2 14.7 22.1





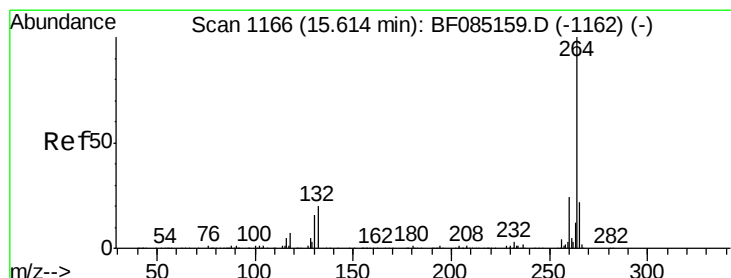
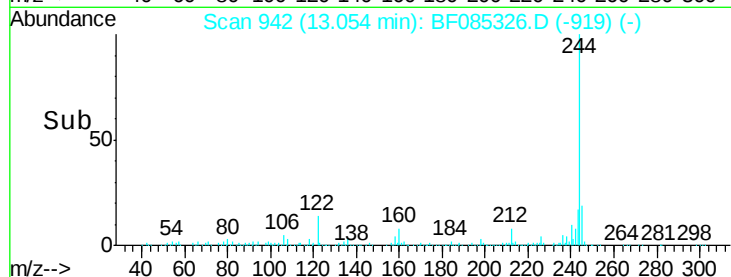
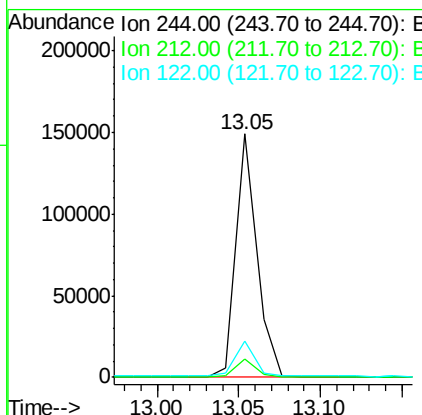
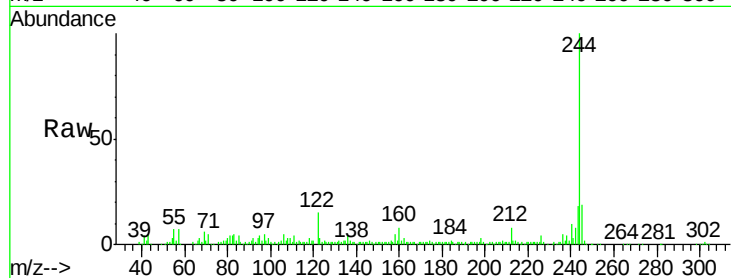
#78
 Terphenyl-d14
 Concen: 11.40 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.4	9.6
122	14.8	11.4	17.2

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.3	25.9

