

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
 Data File : BF088085.D
 Acq On : 16 Jun 2016 19:48
 Operator : UM/SJ
 Sample : H3571-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

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Quant Time: Jun 17 04:28:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147550	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	550496	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	261950	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	459362	20.00	ng	0.00
75) Chrysene-d12	13.86	240	290464	20.00	ng	0.00
86) Perylene-d12	15.25	264	273596	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	697630	80.83	ng	0.00
7) Phenol-d6	6.36	99	819170	78.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	587920	62.36	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	206663	74.72	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	881023	50.59	ng	0.00
78) Terphenyl-d14	12.82	244	743248	58.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	9.48	163	288903	15.23	ng	98
74) Fluoranthene	12.43	202	86189	3.39	ng	96
77) Pyrene	12.66	202	108015	5.01	ng	98
80) Benzo(a)anthracene	13.85	228	57725	3.49	ng	# 90
82) Chrysene	13.89	228	36314m	2.33	ng	
85) Indeno(1,2,3-cd)pyrene	16.57	276	40026	2.77	ng	# 100
87) Benzo(b)fluoranthene	14.87	252	78243m	4.10	ng	
89) Benzo(a)pyrene	15.19	252	55076	3.57	ng	95
91) Benzo(g,h,i)perylene	16.96	276	43486	2.95	ng	97

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

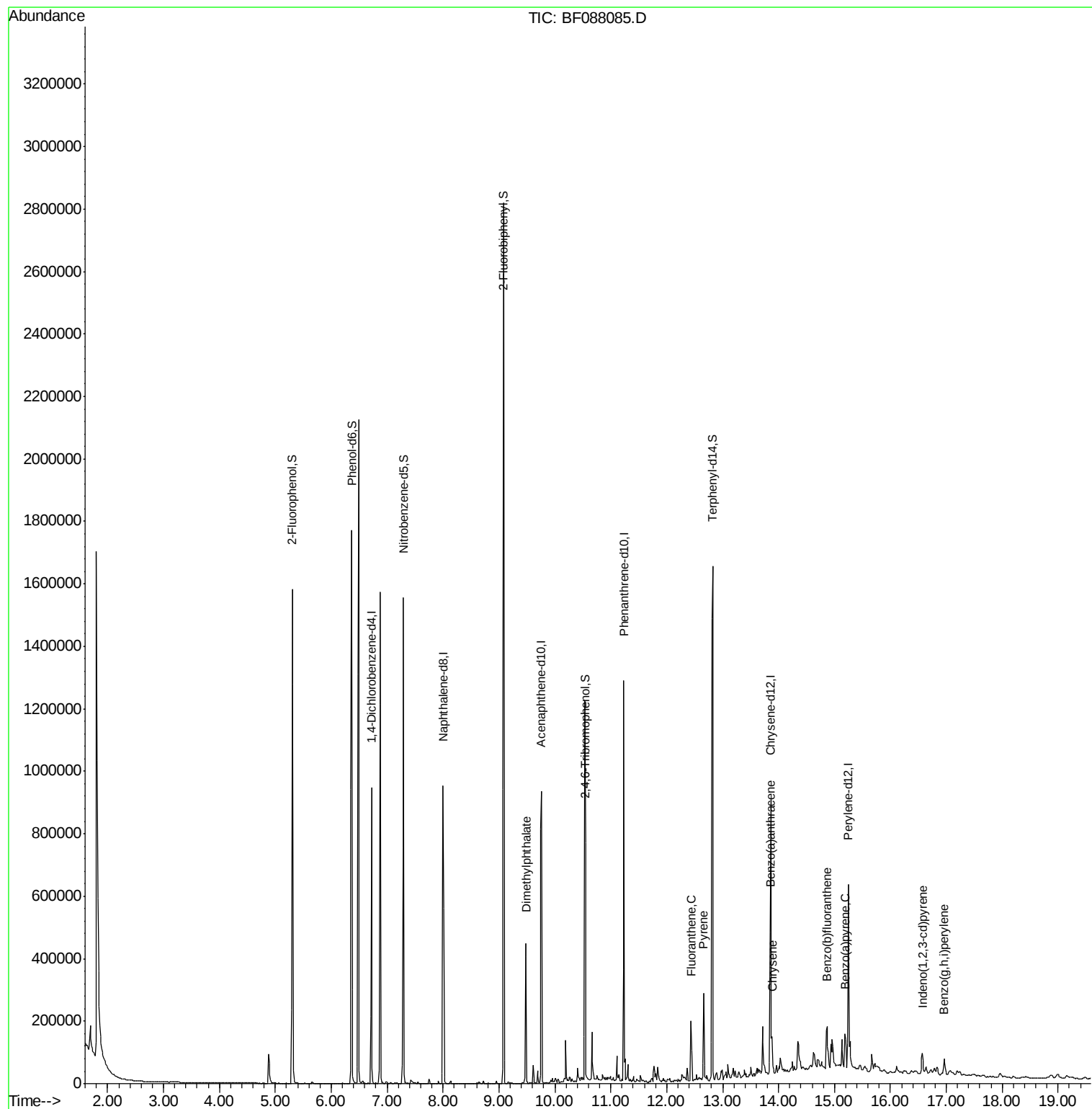
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088085.D
Acq On : 16 Jun 2016 19:48
Operator : UM/SJ
Sample : H3571-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

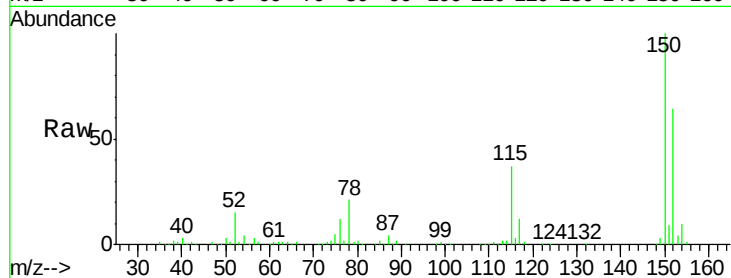
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

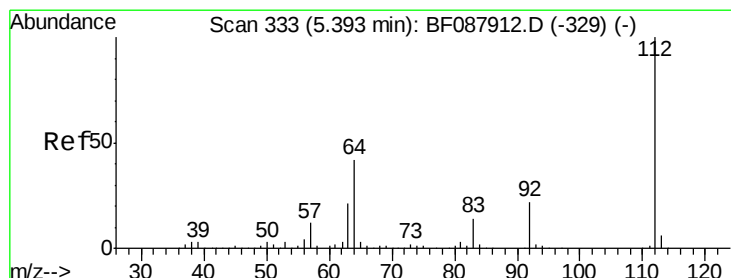
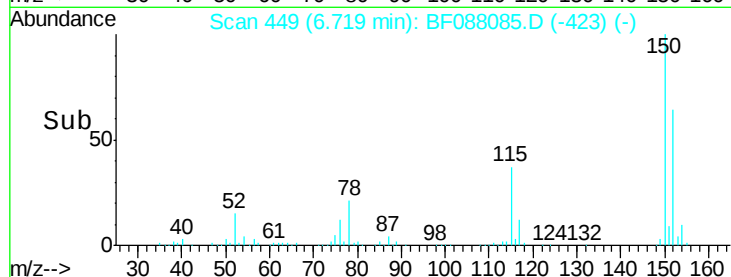
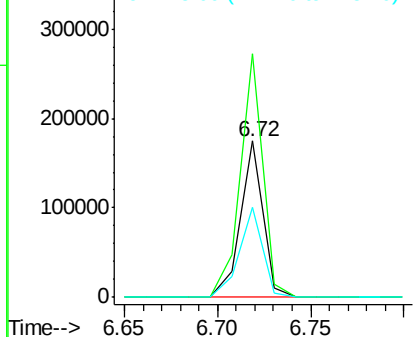
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.8	185.6
115	57.9	39.6	59.4

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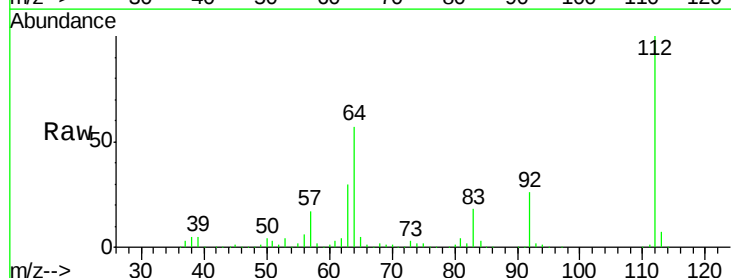
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



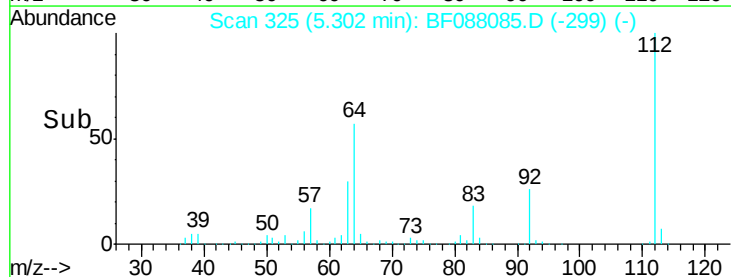
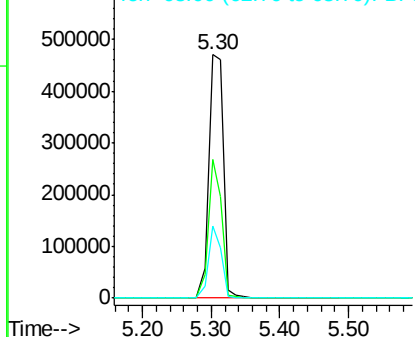
#5

2-Fluorophenol
Concen: 80.83 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	42.2	63.2
63	29.5	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.31 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Instrument :

BNA_F

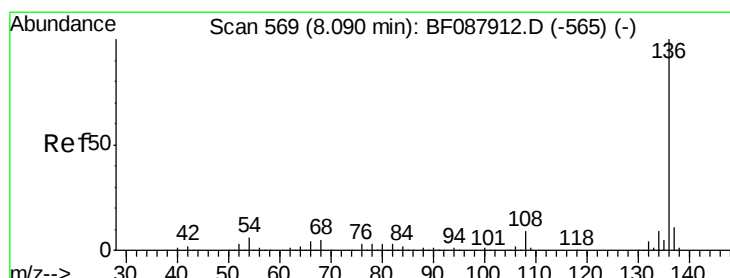
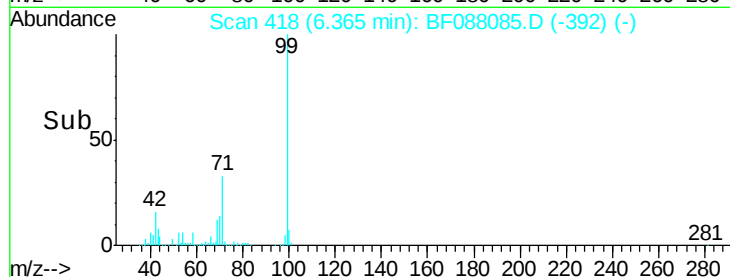
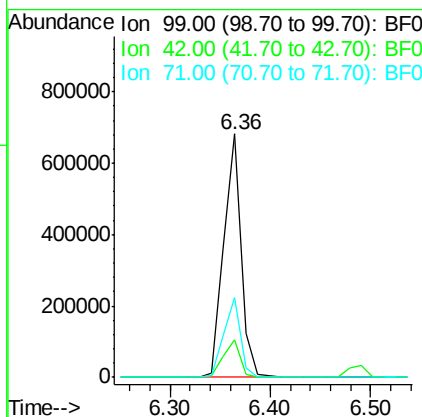
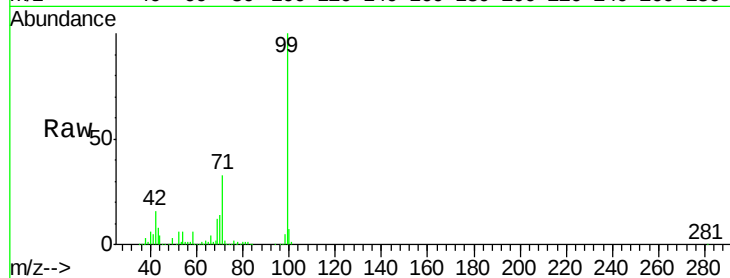
ClientSampleId :

SB-28-COMP

Tot Ion:	99	Resp:	819170
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.2	18.2
71	32.6	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

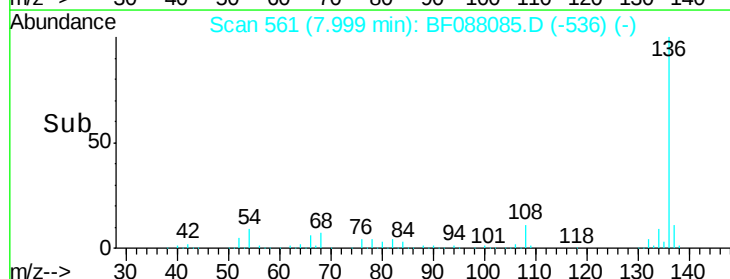
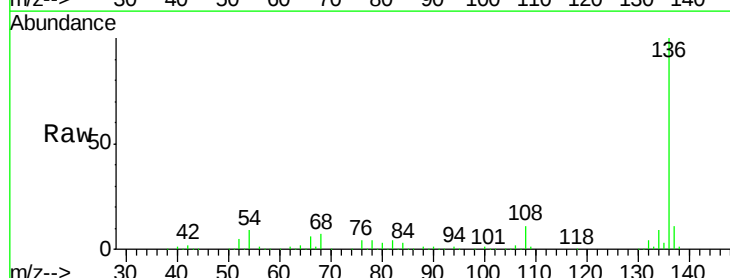
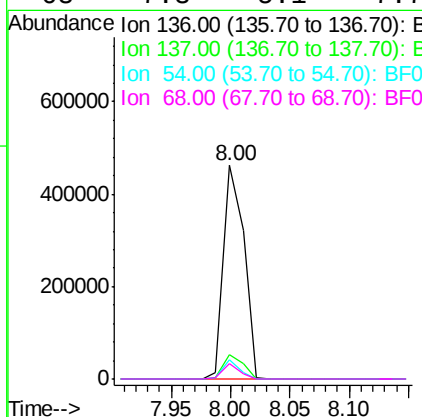
RT: 8.00 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Tgt Ion:	136	Resp:	550496
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	9.2	6.6	10.0
68	7.3	5.1	7.7





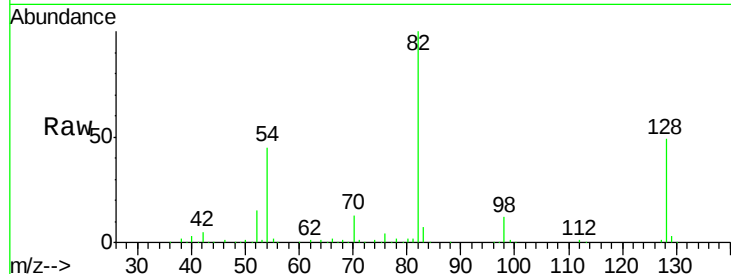
#23
Nitrobenzene-d5
Concen: 62.36 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

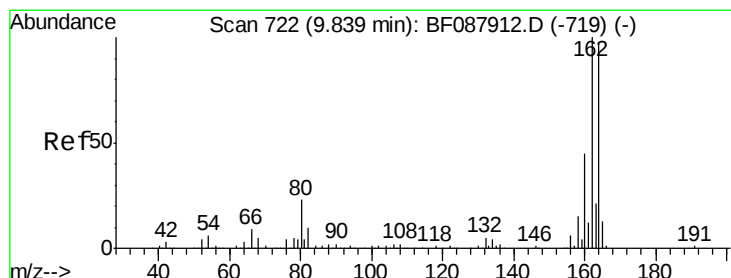
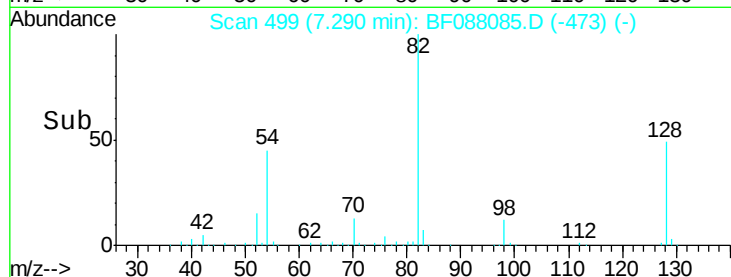
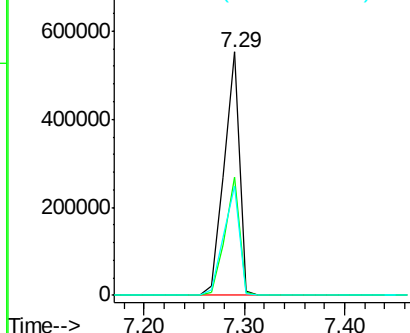
Tot Ion	82	Resp	587920
Ion Ratio	Lower	Upper	
82	100		
128	48.6	35.9	53.9
54	44.9	40.9	61.3

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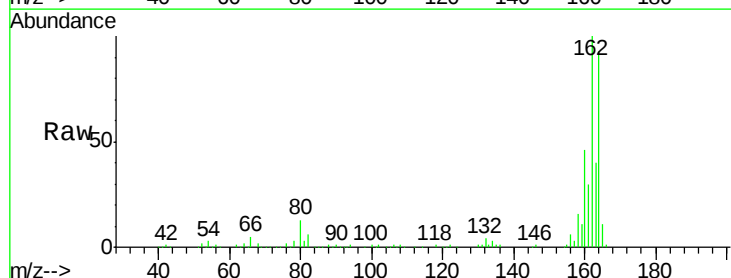


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

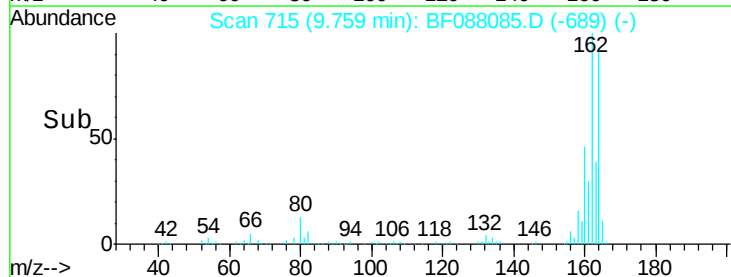
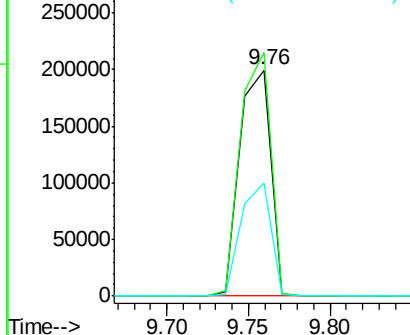


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Tgt Ion	164	Resp	261950
Ion Ratio	Lower	Upper	
164	100		
162	107.8	85.4	128.2
160	50.1	39.5	59.3



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





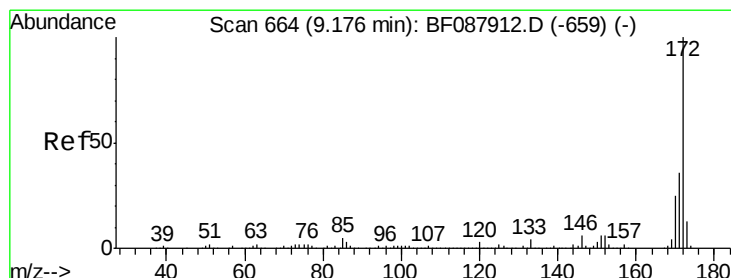
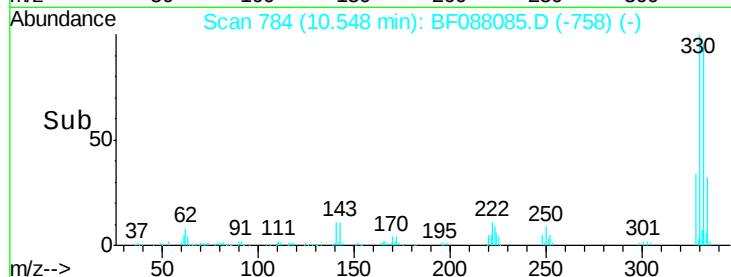
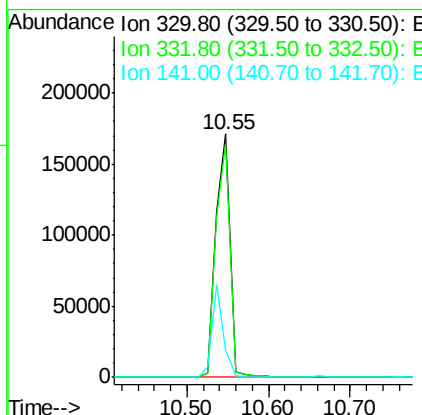
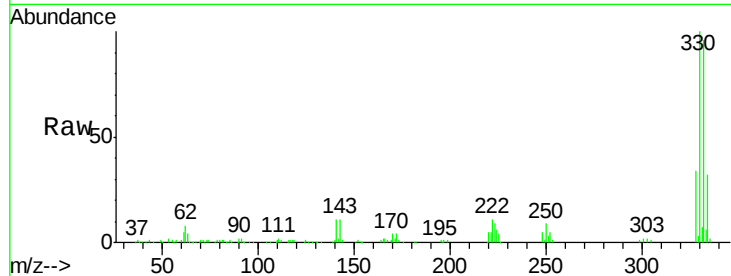
#41
 2,4,6-Tribromophenol
 Concen: 74.72 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088085.D
 Acq: 16 Jun 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	31.6	0.0	0.0#

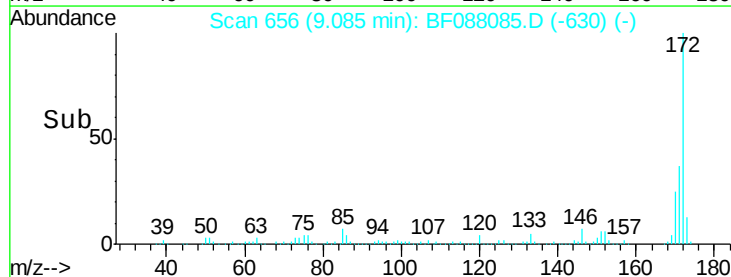
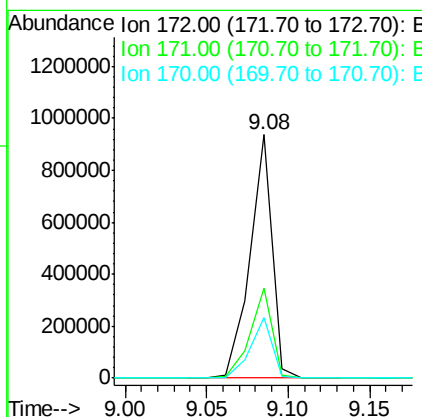
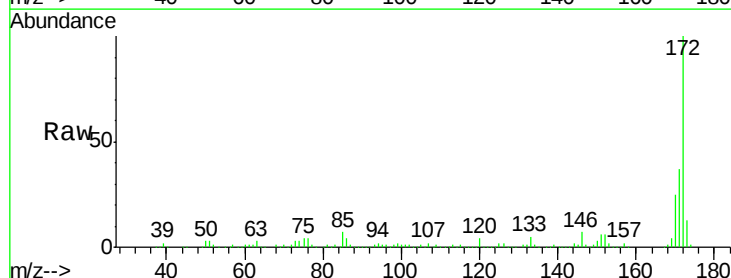
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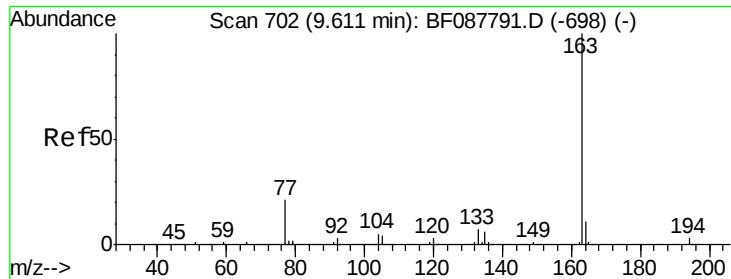
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#44
 2-Fluorobiphenyl
 Concen: 50.59 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088085.D
 Acq: 16 Jun 2016 19:48

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.8	19.2	28.8





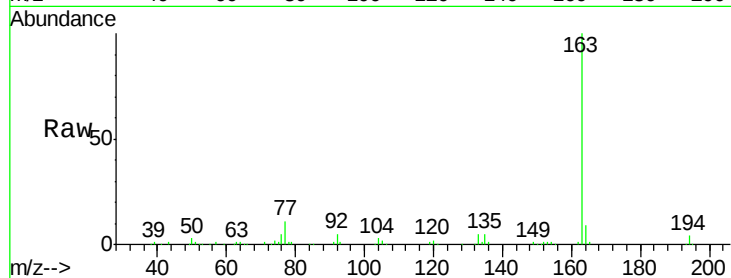
#49
Dimethylphthalate
Concen: 15.23 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.8	4.2
164	9.4	8.3	12.5

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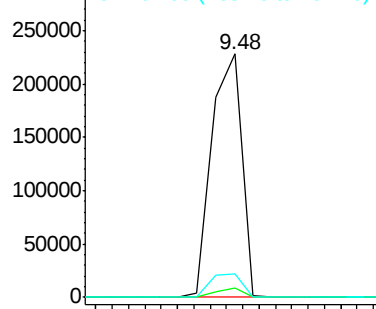


Abundance

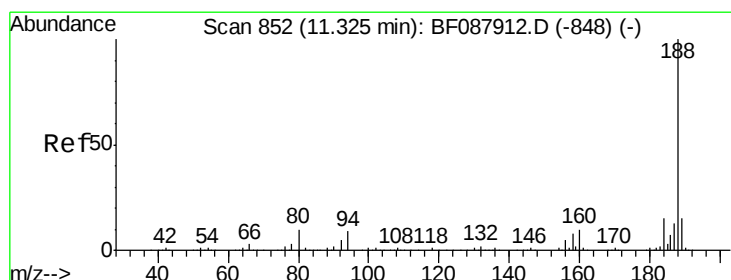
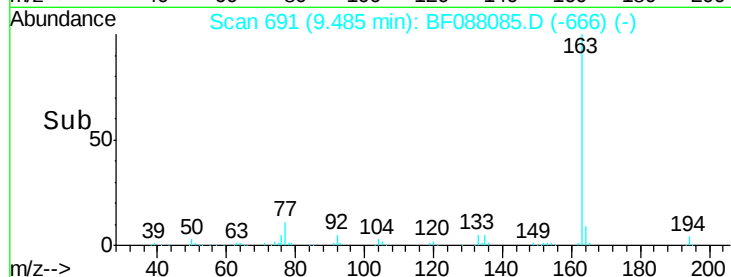
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

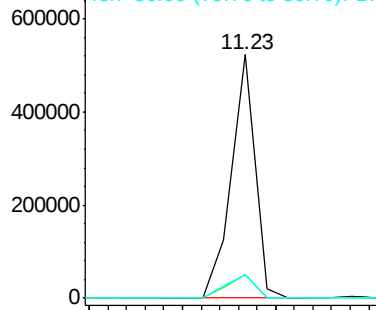
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.0	13.6
80	9.6	10.0	15.0

Abundance

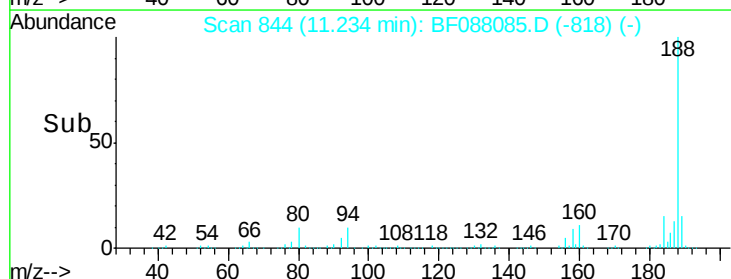
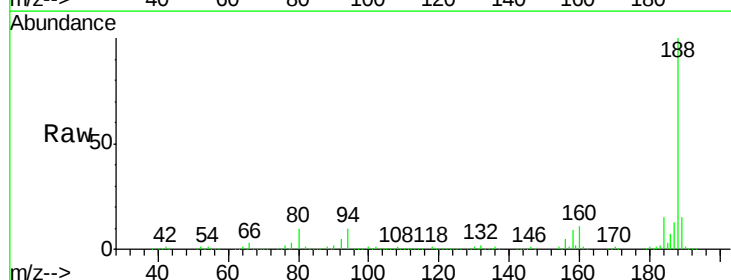
Ion 188.00 (187.70 to 188.70): E

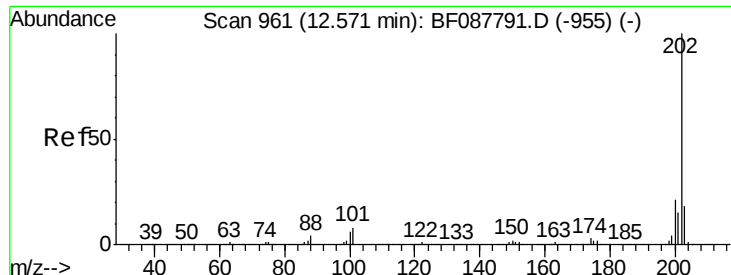
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





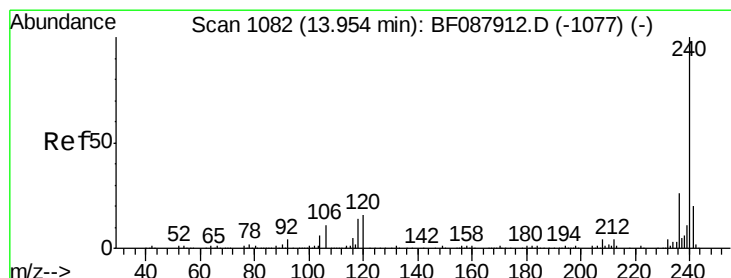
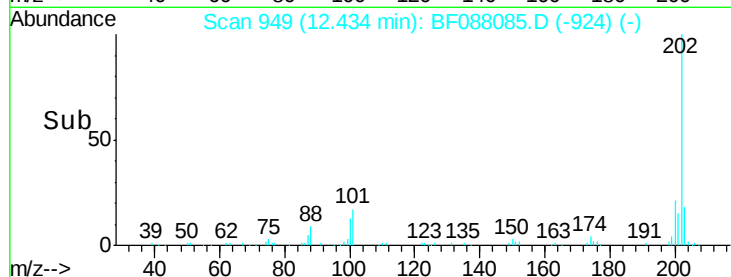
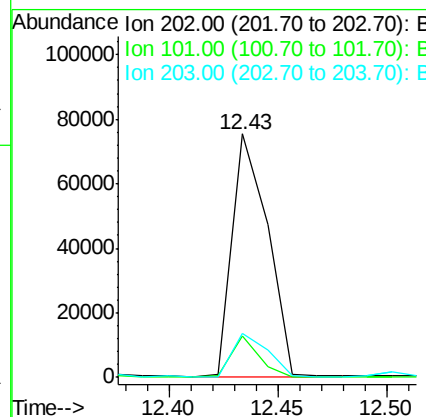
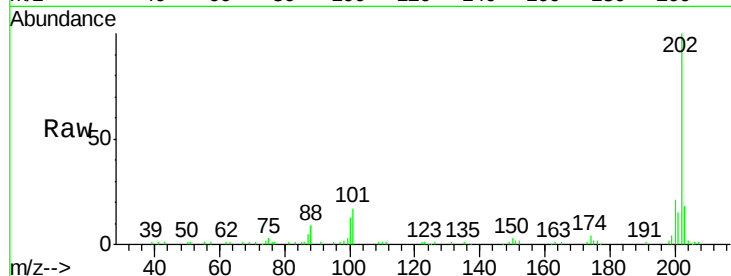
#74
Fluoranthene
Concen: 3.39 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.2	0.0	33.1
203	18.1	0.0	38.1

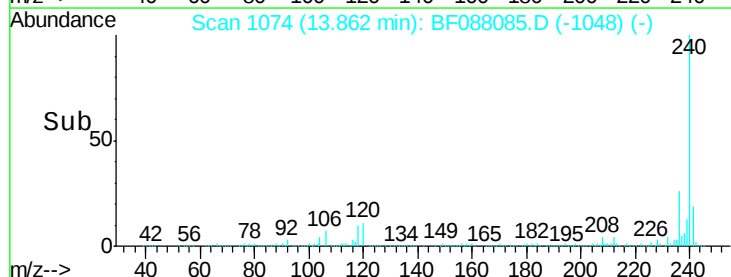
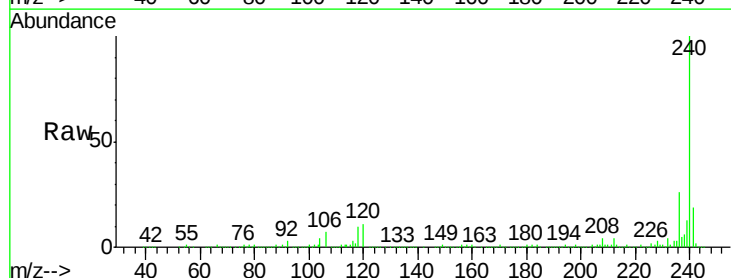
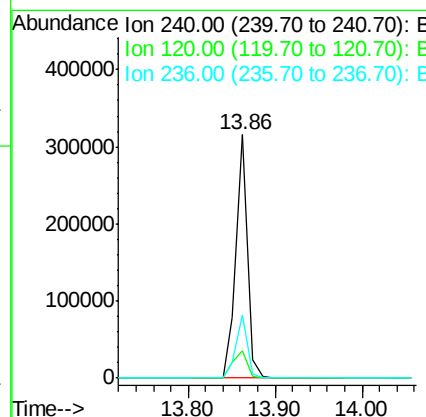
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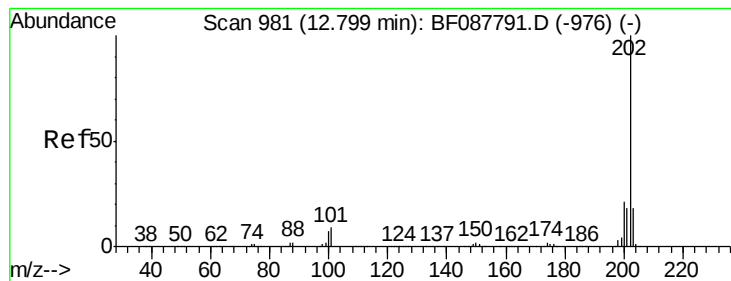
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	6.8	10.2#
236	25.7	20.2	30.2





#77

Pvrene

Concen: 5.01 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Instrument :

BNA_F

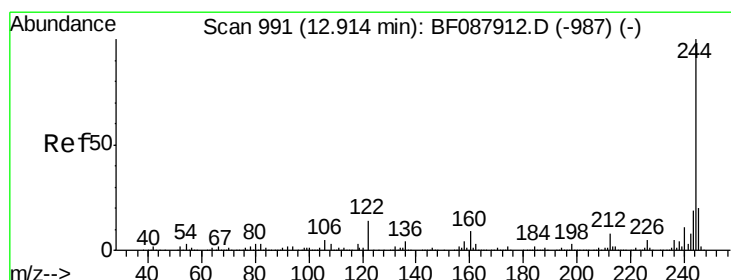
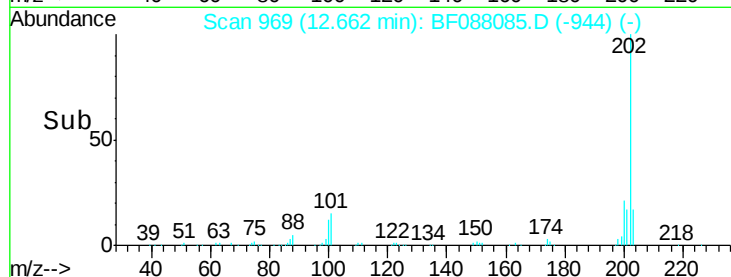
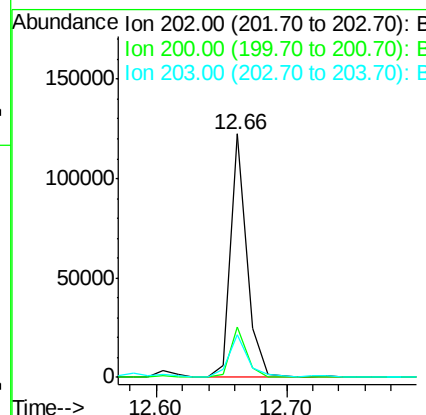
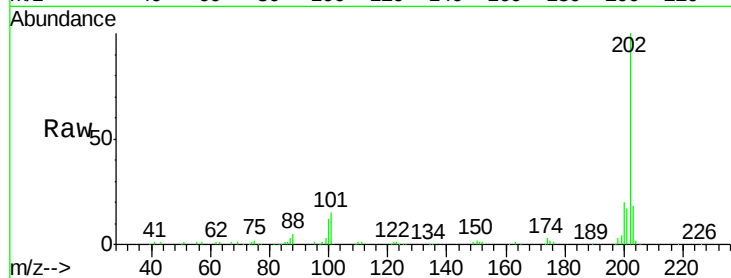
ClientSampleId :

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Tot Ion:	202	Resp:	108015
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.7	14.5	21.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 58.23 ng

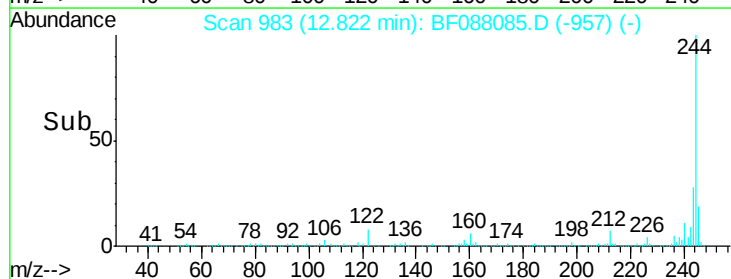
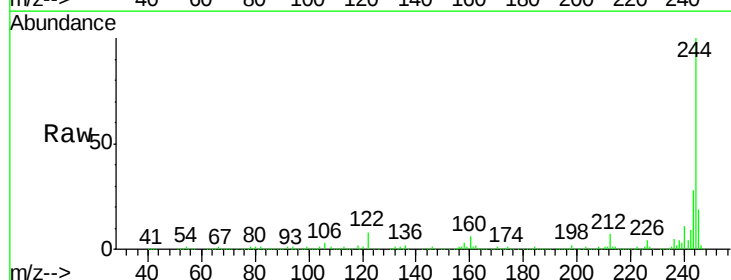
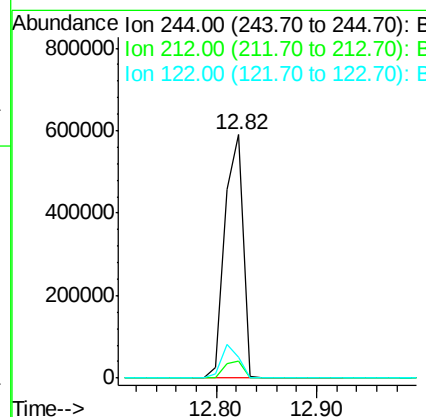
RT: 12.82 min Scan# 983

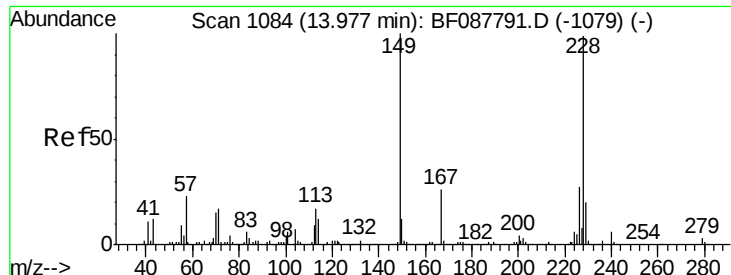
Delta R.T. 0.00 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Tgt Ion:	244	Resp:	743248
Ion Ratio		Lower	Upper
244	100		
212	6.8	6.0	9.0
122	8.4	11.2	16.8#





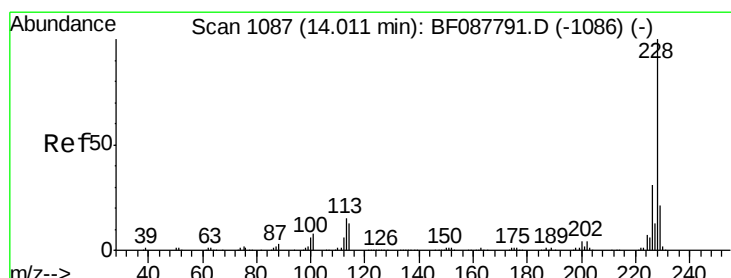
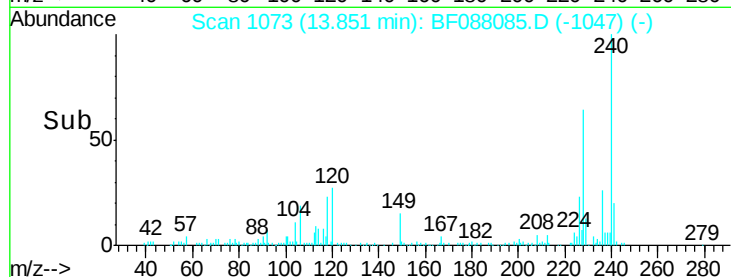
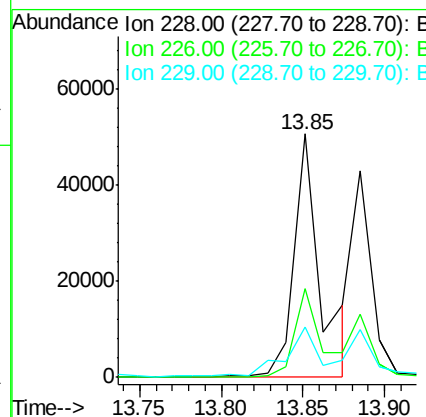
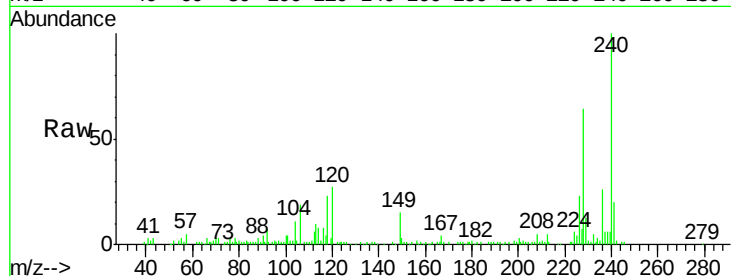
#80
Benzo(a)anthracene
Concen: 3.49 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.2	22.3	33.5#
229	20.8	16.0	24.0

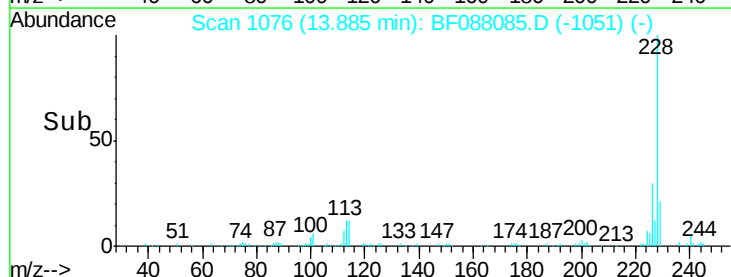
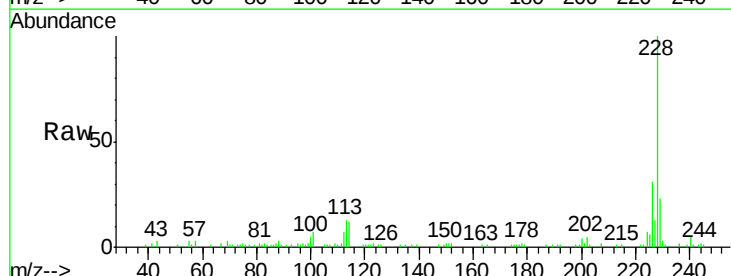
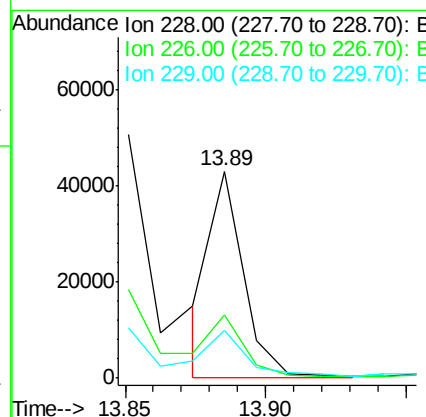
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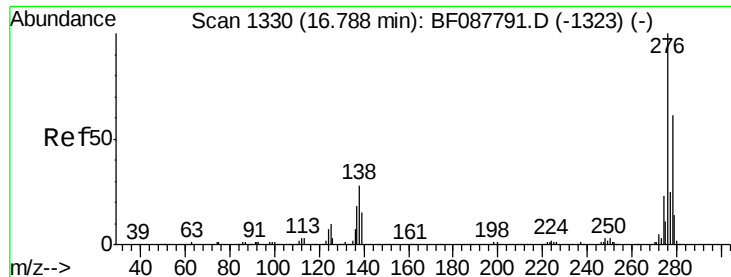
sohil
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#82
Chrysene
Concen: 2.33 ng m
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	22.9	16.3	24.5





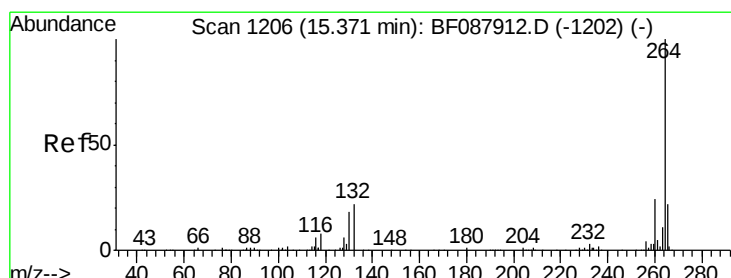
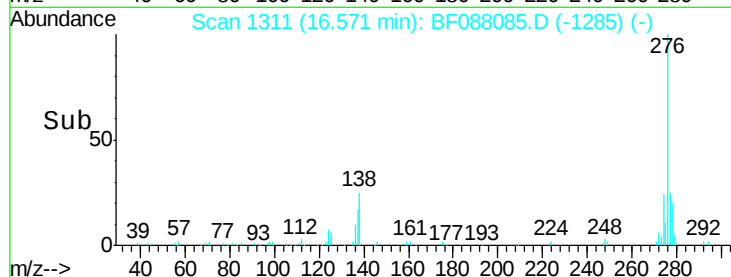
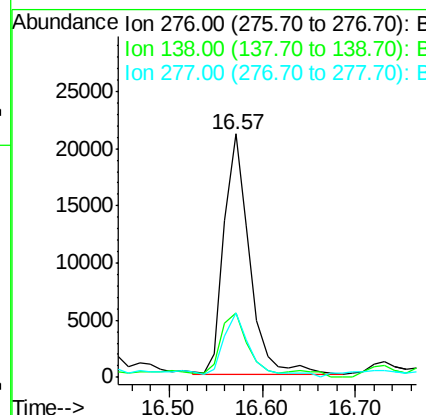
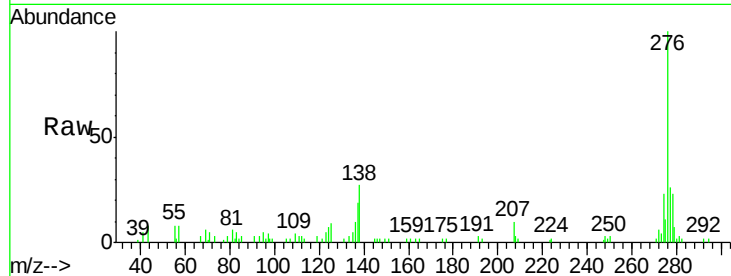
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.77 ng
RT: 16.57 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-28-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	0.0	0.0#
277	28.6	0.0	0.0#

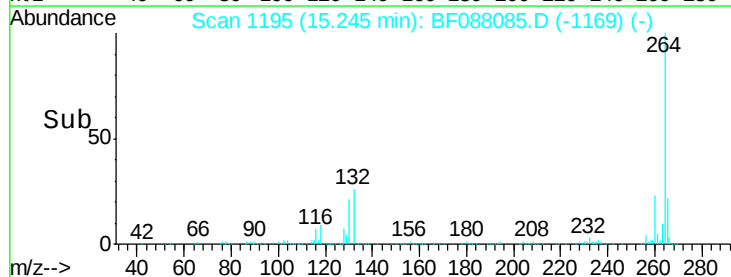
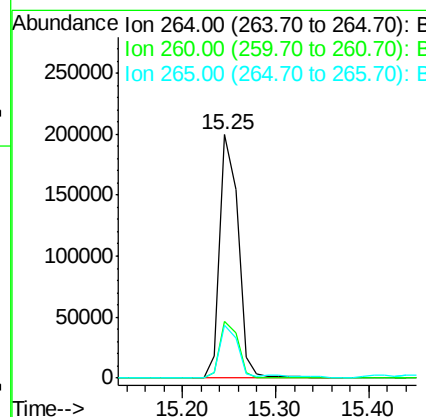
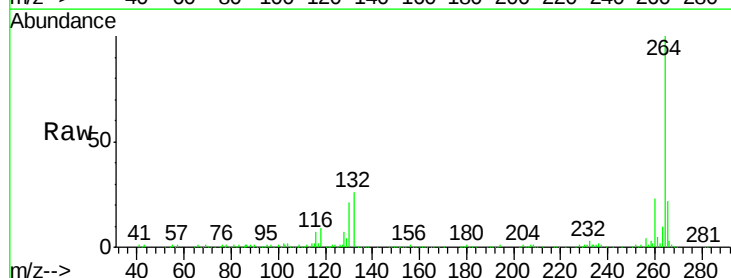
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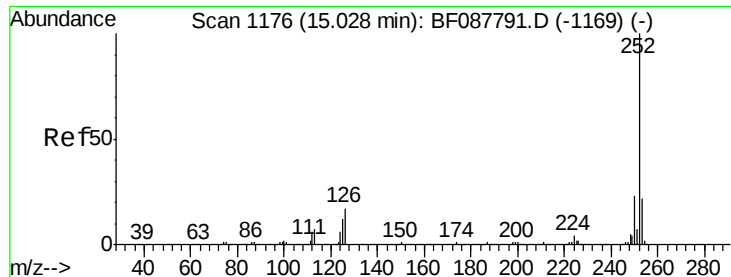
sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088085.D
Acq: 16 Jun 2016 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 4.10 ng

RT: 14.87 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Instrument :

BNA_F

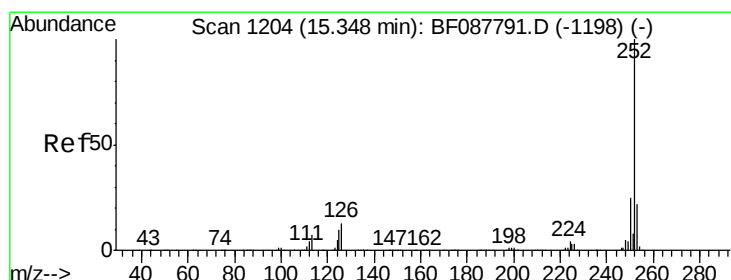
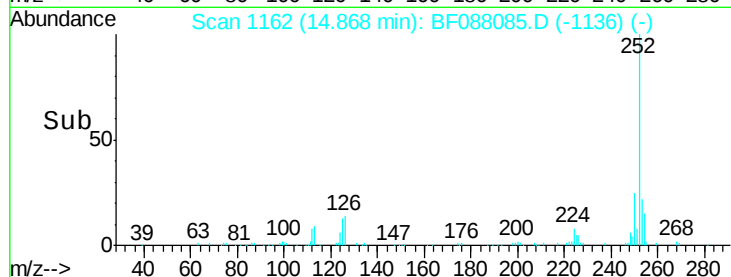
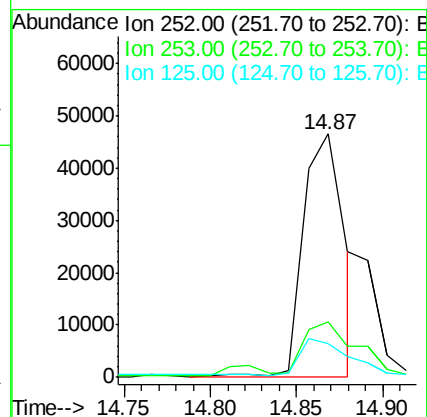
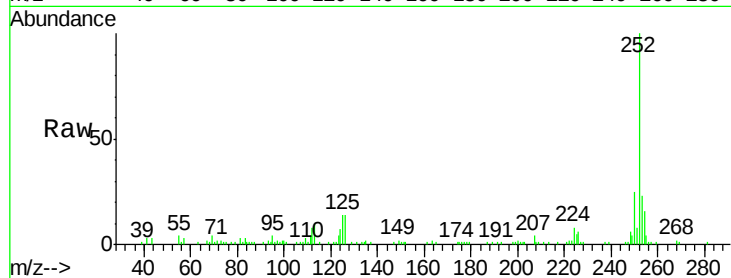
ClientSampleId :

SB-28-COMP

Tot Ion:	252	Resp:	78243
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	14.0	7.1	10.7#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.57 ng

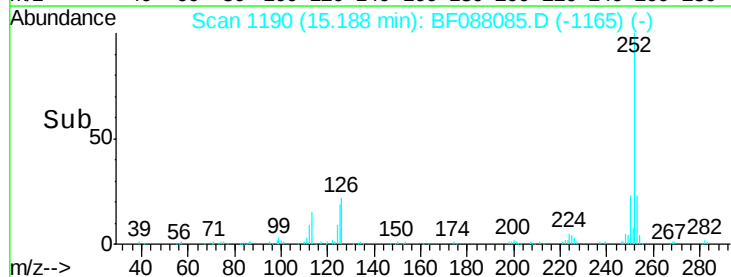
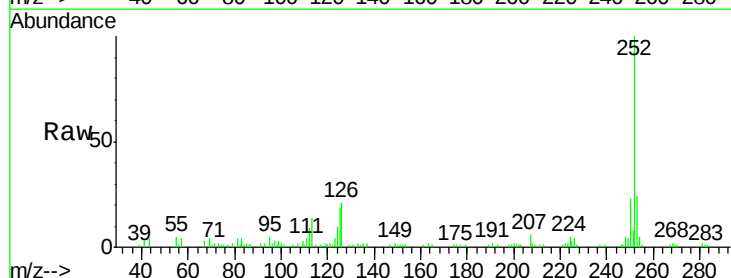
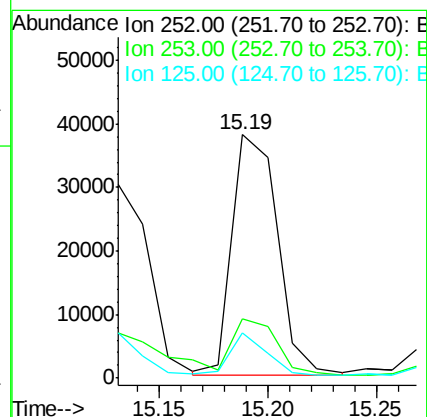
RT: 15.19 min Scan# 1190

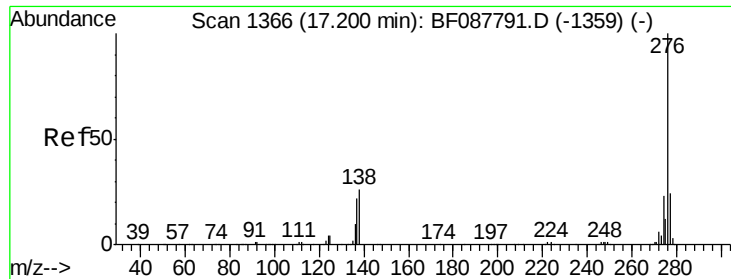
Delta R.T. -0.01 min

Lab File: BF088085.D

Acq: 16 Jun 2016 19:48

Tgt Ion:	252	Resp:	55076
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.9	26.9
125	18.6	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 2.95 ng
 RT: 16.96 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF088085.D
 Acq: 16 Jun 2016 19:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-28-COMP

Tot Ion:	276	Resp:	43486
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.9	28.3
138	29.3	21.4	32.2

Manual Integrations
 APPROVED

sohil
 6/17/2016 7:15:20 PM

