

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085513.D
 Acq On : 18 Mar 2016 1:33
 Operator : UM/SJ
 Sample : H1774-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Manual Integrations
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Quant Time: Mar 18 15:04:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	145810	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	604239	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	249492	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	439798	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	313077	20.00	ng	-0.05
86) Perylene-d12	15.48	264	291153	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1216423	143.40	ng	-0.02
7) Phenol-d6	6.52	99	1525787	138.67	ng	-0.03
23) Nitrobenzene-d5	7.44	82	930046	91.01	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	400994	174.50	ng	-0.05
44) 2-Fluorobiphenyl	9.25	172	1552664	107.96	ng	-0.03
78) Terphenyl-d14	12.99	244	1098043	79.34	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	337790	18.56	ng	99
70) Phenanthrene	11.42	178	205055	8.95	ng	97
71) Anthracene	11.48	178	47466	2.03	ng	99
74) Fluoranthene	12.61	202	305295	14.18	ng	98
77) Pyrene	12.84	202	253585	10.80	ng	98
80) Benzo(a)anthracene	14.03	228	107846m	6.01	ng	
82) Chrysene	14.06	228	99201m	6.14	ng	
83) Bis(2-ethylhexyl)phthalate	14.01	149	71514	5.71	ng	98
87) Benzo(b)fluoranthene	15.05	252	105947m	5.57	ng	
88) Benzo(k)fluoranthene	15.07	252	50708m	3.40	ng	
89) Benzo(a)pyrene	15.41	252	78830	4.80	ng	# 97
91) Benzo(g,h,i)perylene	17.31	276	47025	2.87	ng	93

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

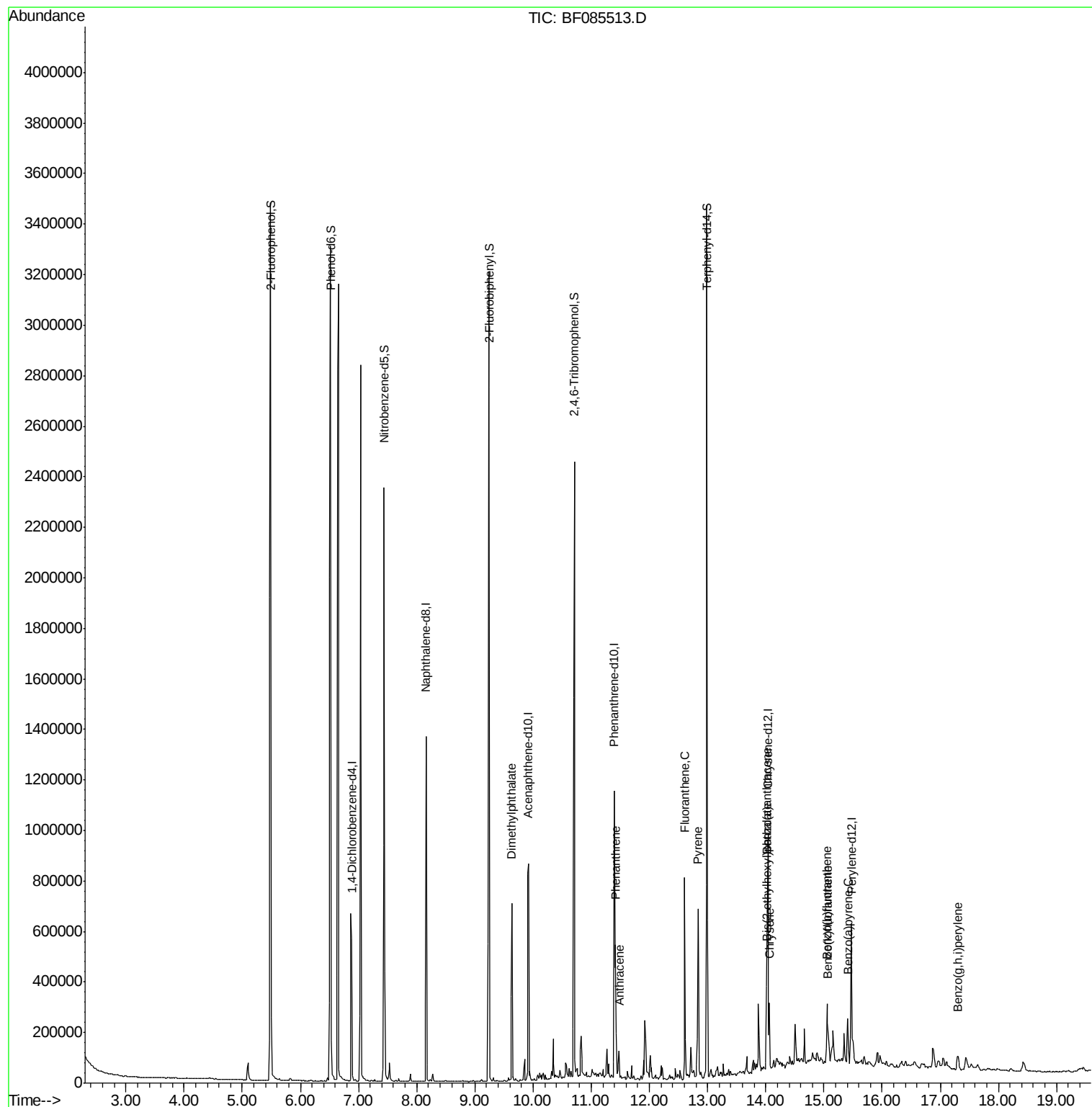
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

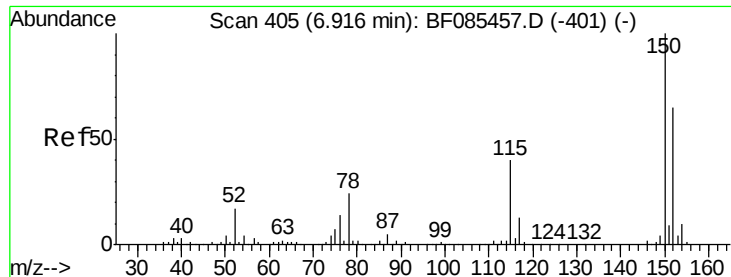
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Quant Time: Mar 18 15:04:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF085513.D

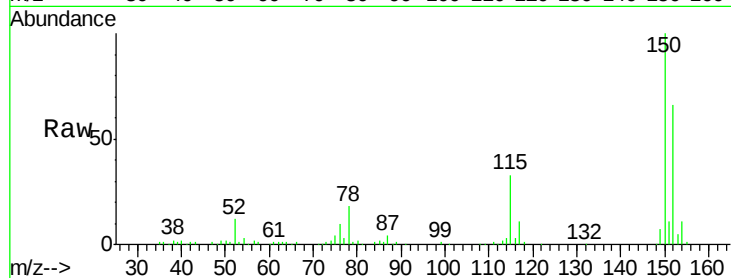
Acq: 18 Mar 2016 1:33

Instrument :

BNA_F

ClientSampleId :

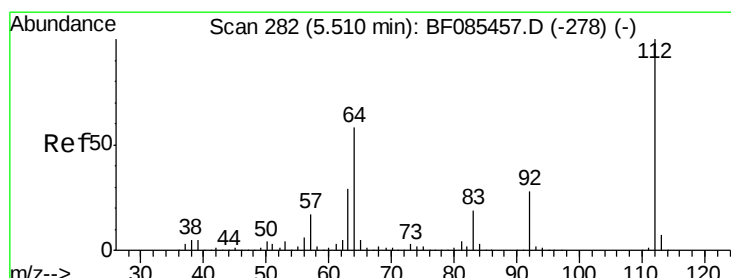
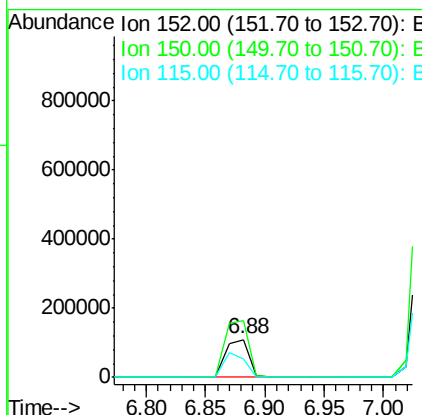
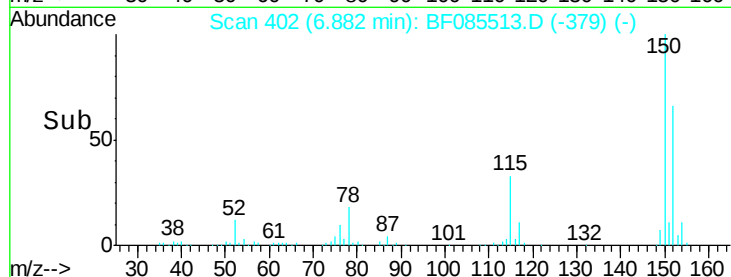
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Tgt Ion:	152	Resp:	145810
Ion Ratio	Lower	Upper	
152	100		
150	151.9	124.6	186.8
115	50.2	46.6	70.0

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#5

2-Fluorophenol

Concen: 143.40 ng

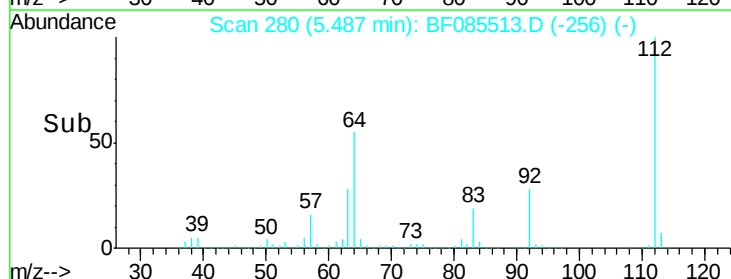
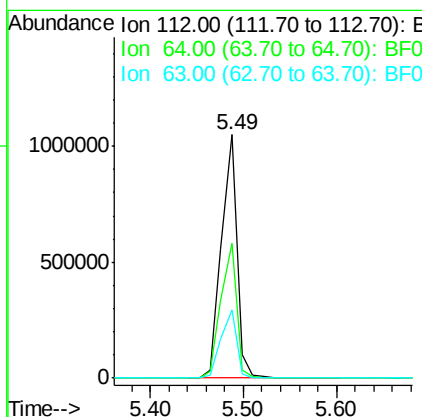
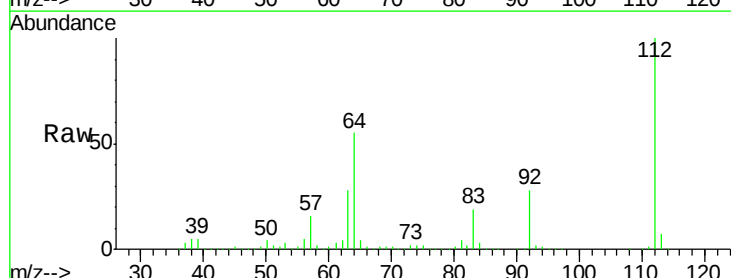
RT: 5.49 min Scan# 280

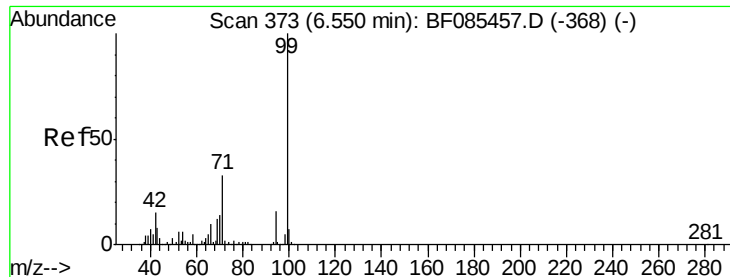
Delta R.T. -0.02 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Tgt Ion:	112	Resp:	1216423
Ion Ratio	Lower	Upper	
112	100		
64	55.2	49.0	73.4
63	28.0	24.8	37.2





#7

Phenol-d6

Concen: 138.67 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

Tgt Ion: 99 Resp: 1525787

Ion Ratio Lower Upper

99 100

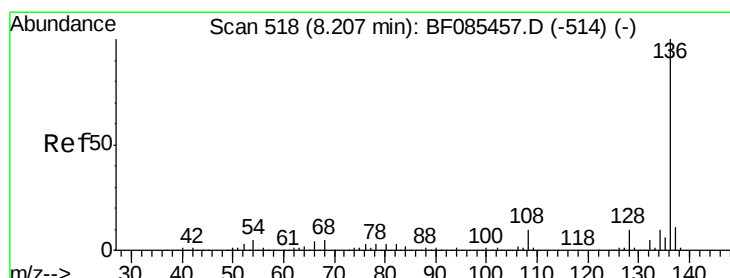
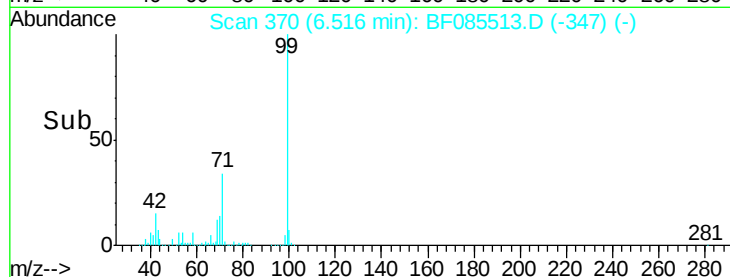
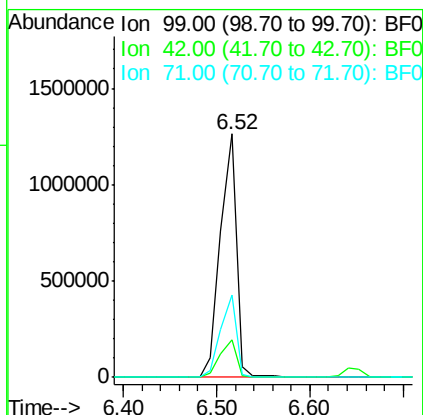
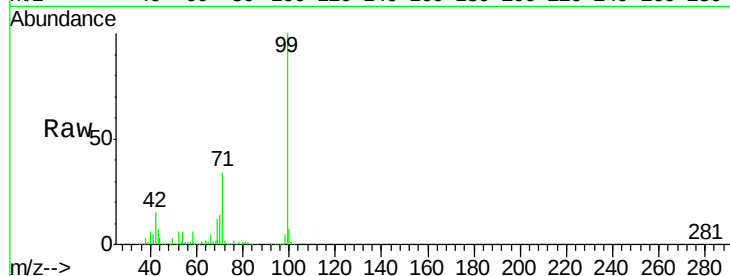
42 15.3 13.6 20.4

71 33.7 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Tgt Ion: 136 Resp: 604239

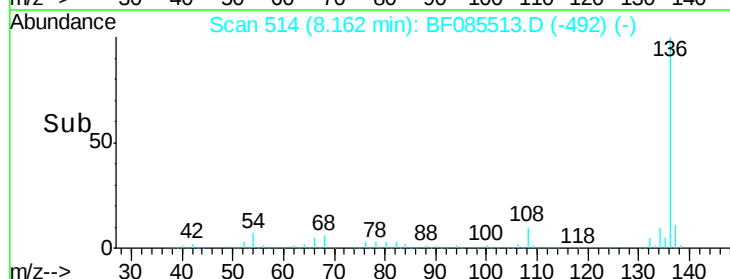
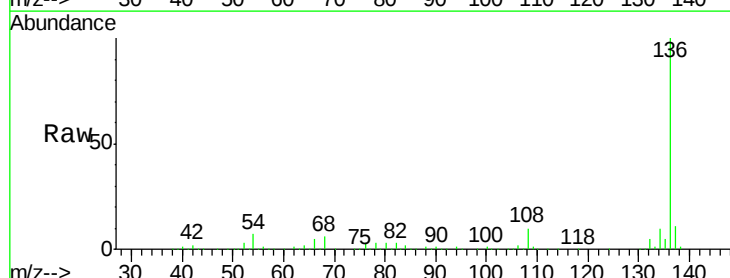
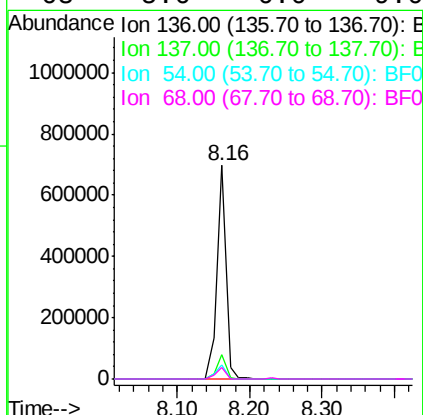
Ion Ratio Lower Upper

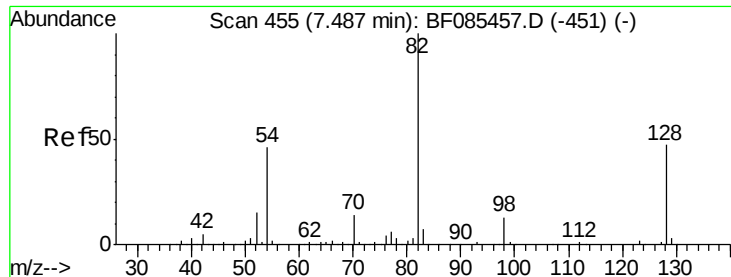
136 100

137 11.2 9.3 13.9

54 6.6 7.4 11.2#

68 5.6 6.0 9.0#





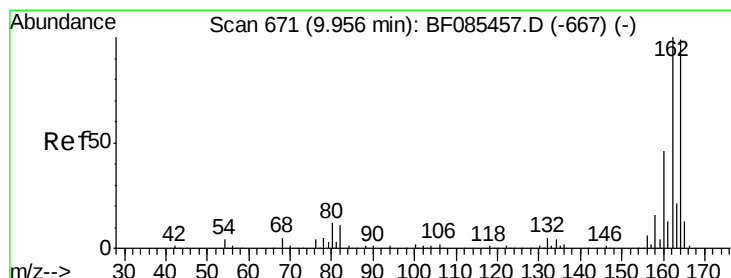
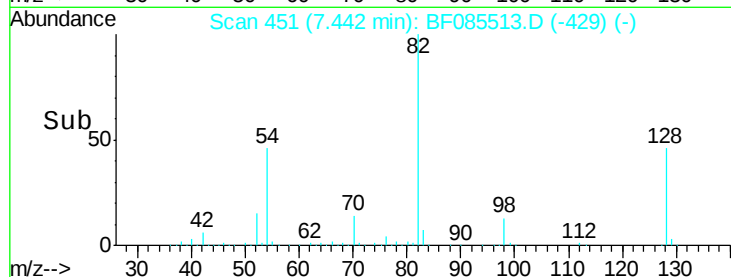
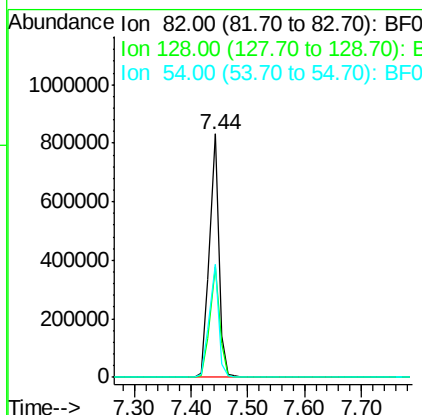
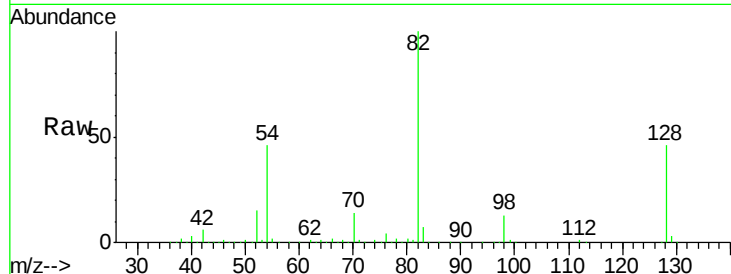
#23
 Nitrobenzene-d5
 Concen: 91.01 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.05 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.5	51.7
54	46.5	39.3	58.9

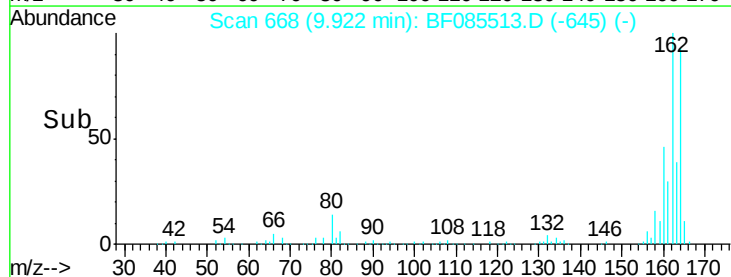
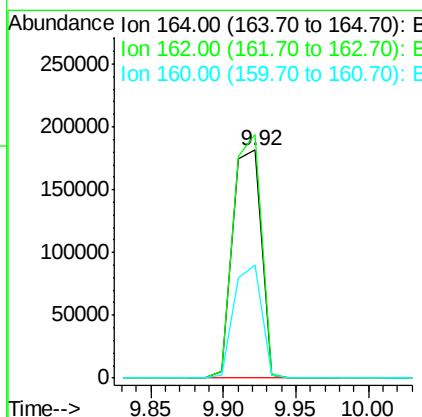
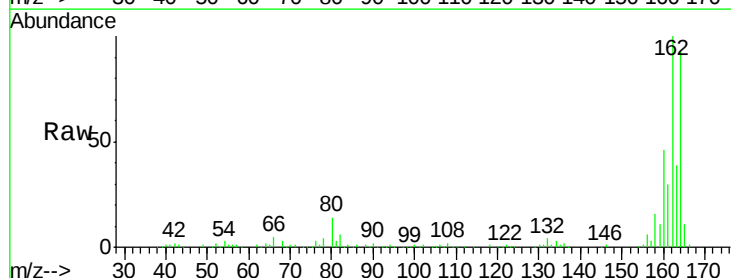
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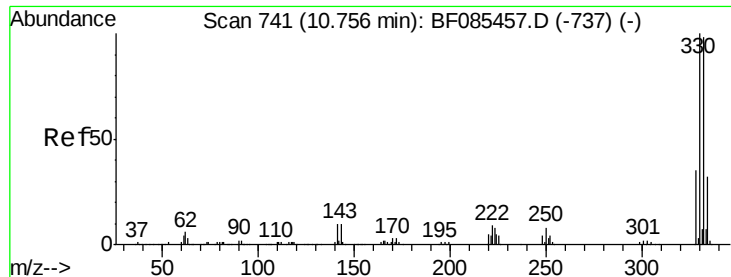
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.3	124.9
160	49.5	37.9	56.9





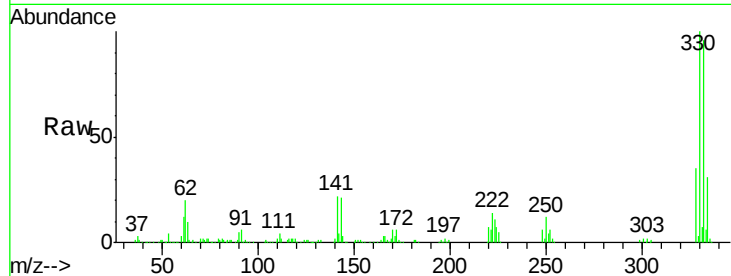
#41
 2,4,6-Tribromophenol
 Concen: 174.50 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

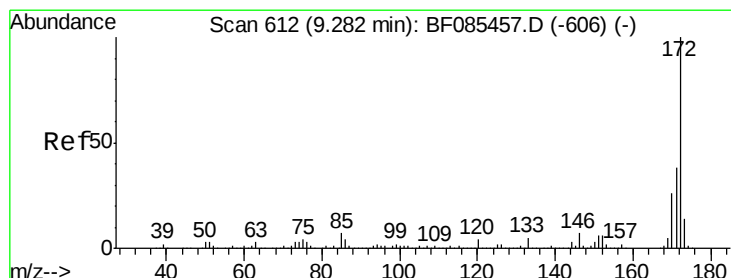
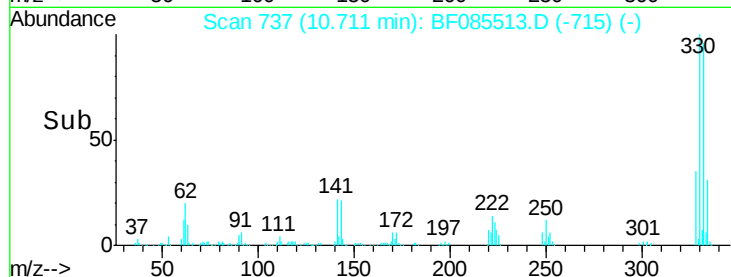
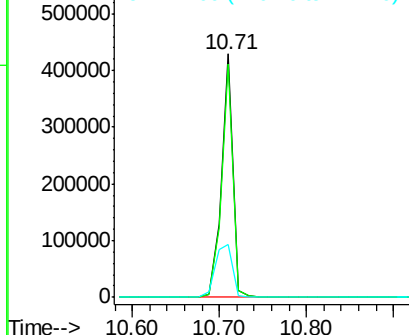
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	400994		
332	95.9	77.1	115.7	
141	32.8	35.0	52.6#	

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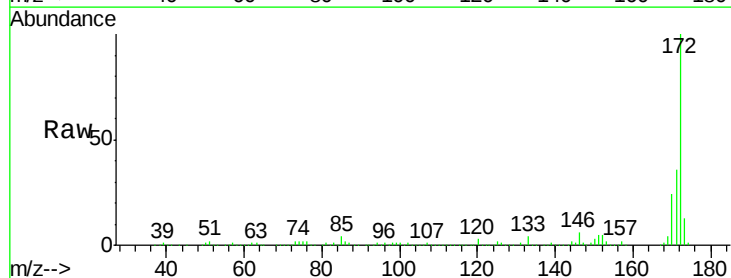


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

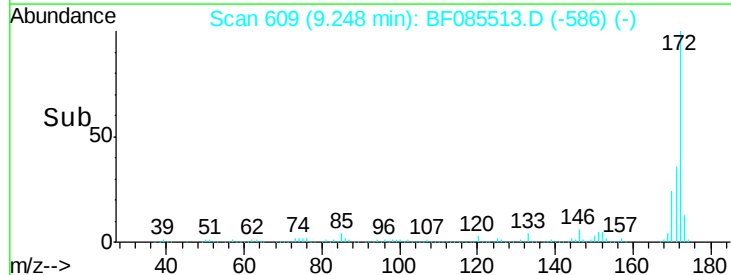
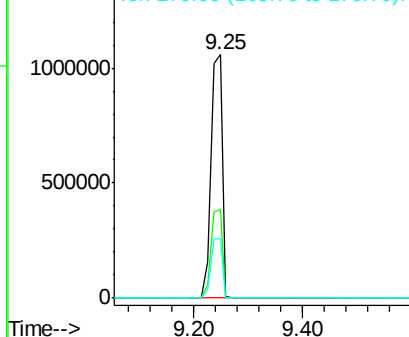


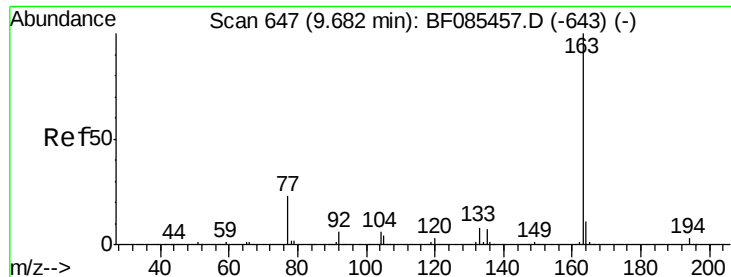
#44
 2-Fluorobiphenyl
 Concen: 107.96 ng
 RT: 9.25 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1552664		
171	36.4	29.3	43.9	
170	24.4	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





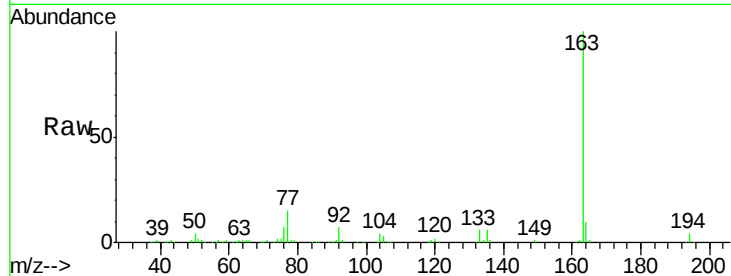
#49
Dimethylphthalate
Concen: 18.56 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

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ClientSampleId :
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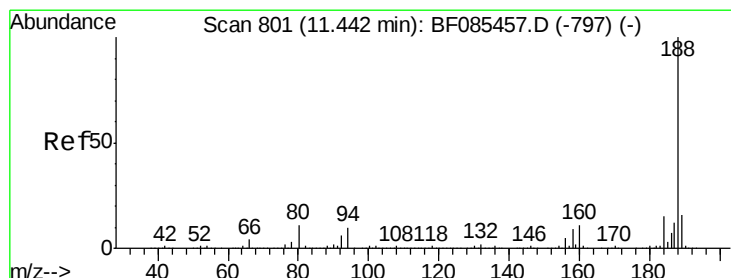
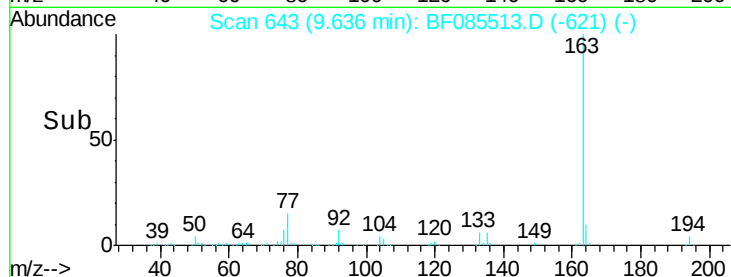
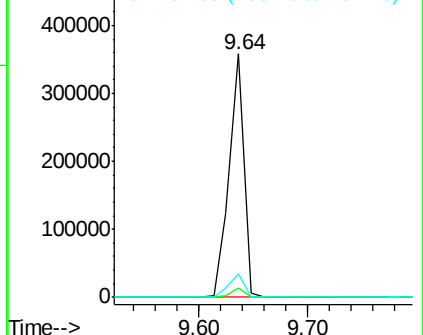
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.1	4.7
164	9.9	8.2	12.4

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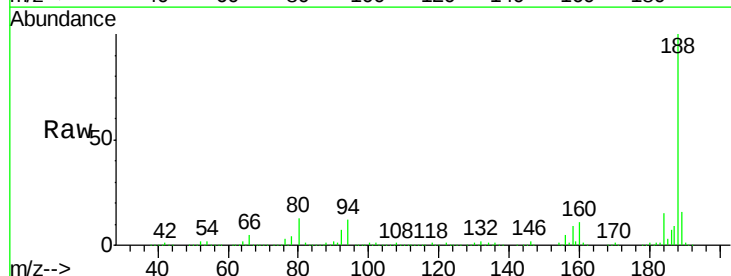


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

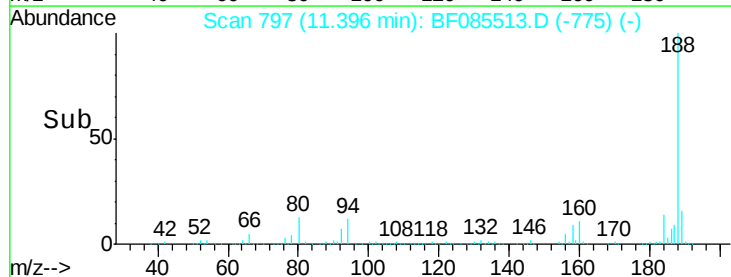
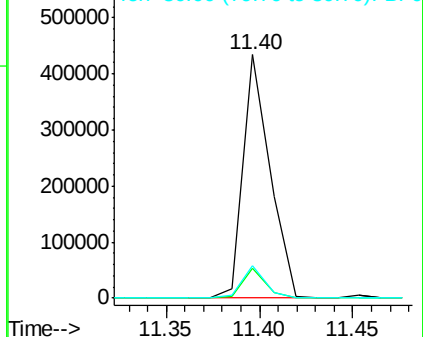


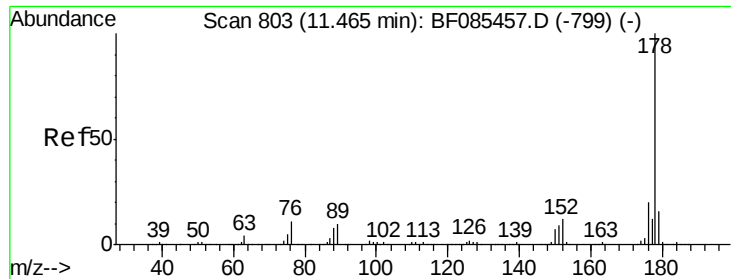
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	7.0	10.6#
80	13.3	7.4	11.0#



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





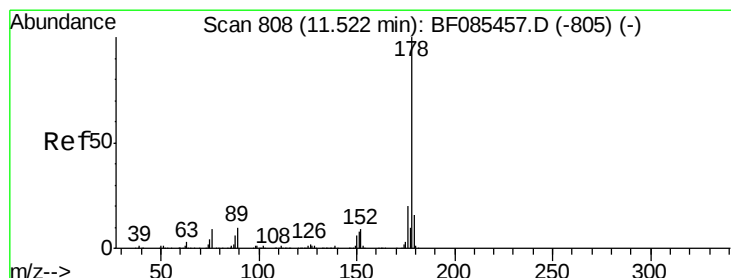
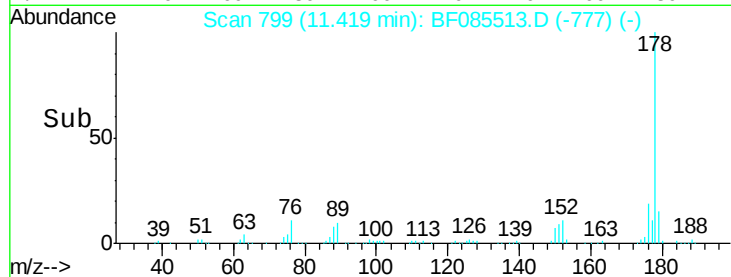
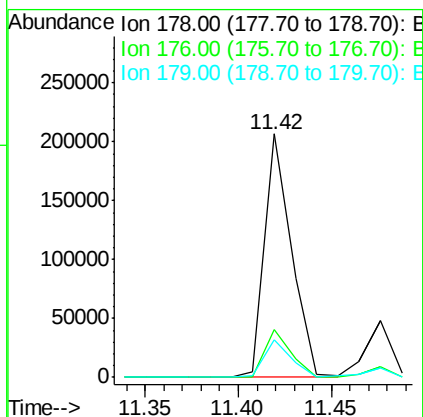
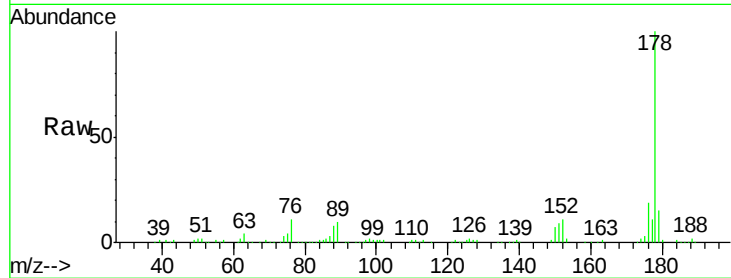
#70
Phenanthrene
Concen: 8.95 ng
RT: 11.42 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	16.8	25.2
179	15.2	13.1	19.7

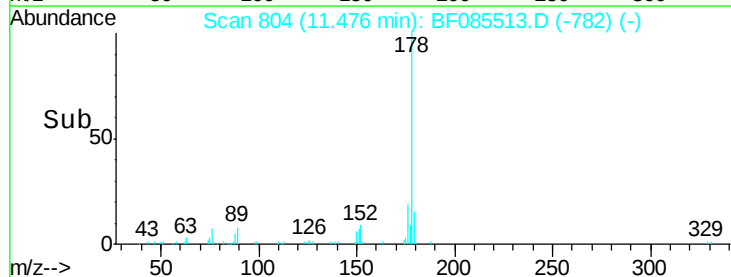
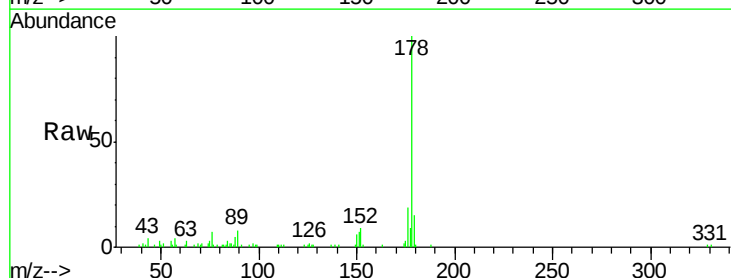
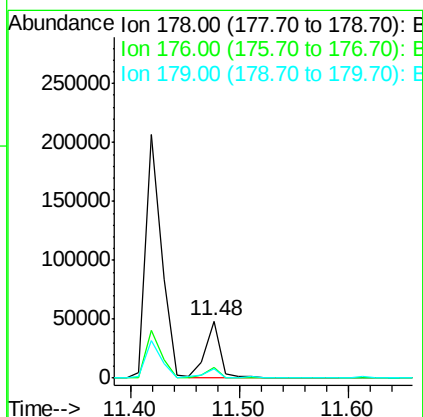
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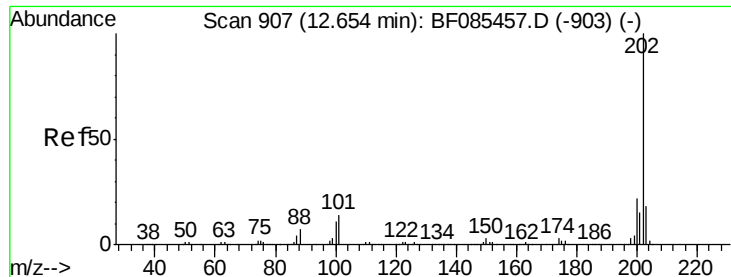
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#71
Anthracene
Concen: 2.03 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	15.9	23.9
179	15.5	12.5	18.7





#74

Fluoranthene

Concen: 14.18 ng

RT: 12.61 min Scan# 903

Delta R.T. -0.05 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Instrument :

BNA_F

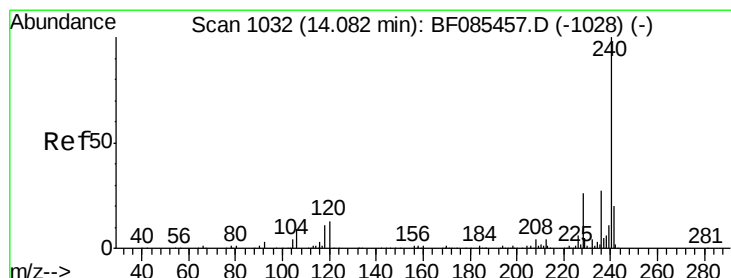
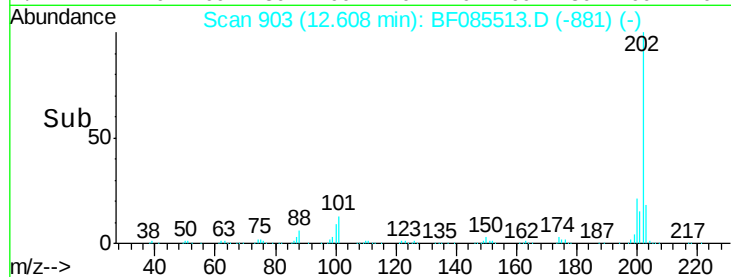
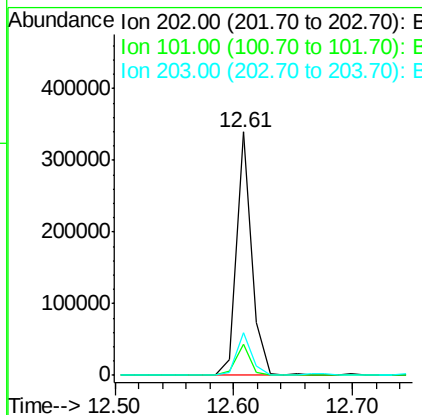
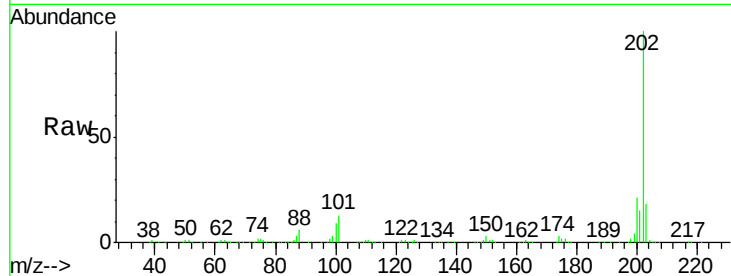
ClientSampleId :

SB-15-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	0.0	31.8
203	17.6	0.0	38.4

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#75

Chrysene-d12

Concen: 20.00 ng

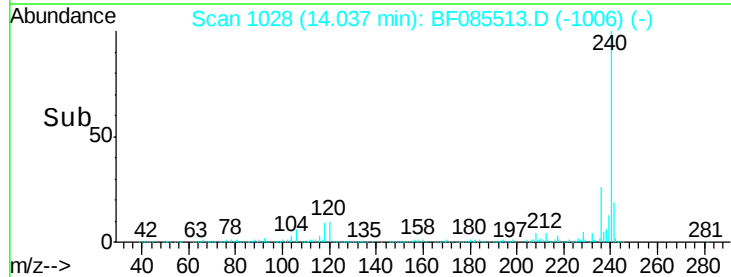
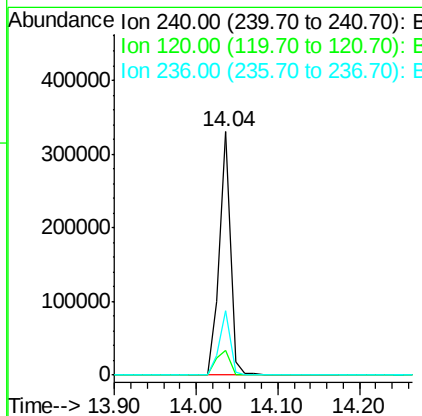
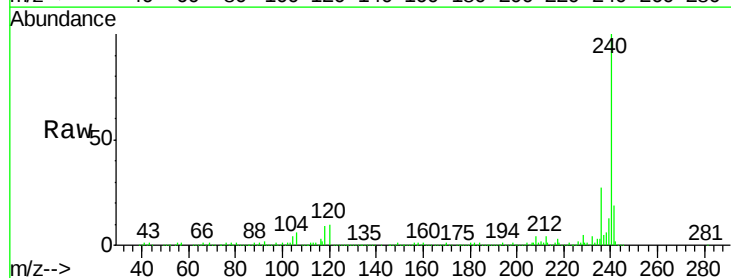
RT: 14.04 min Scan# 1028

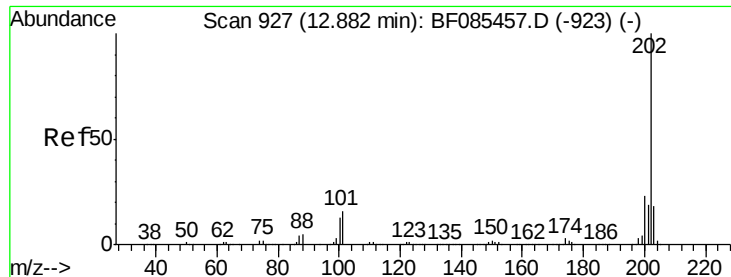
Delta R.T. -0.05 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.0	5.3	7.9#
236	26.5	20.7	31.1





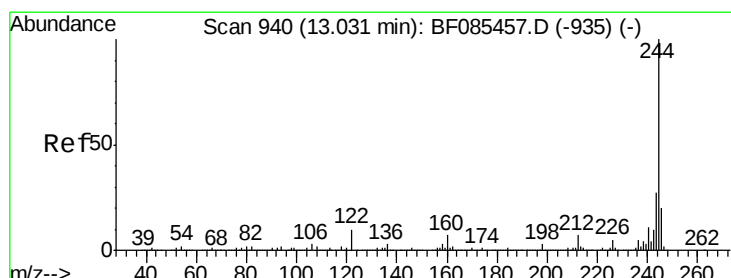
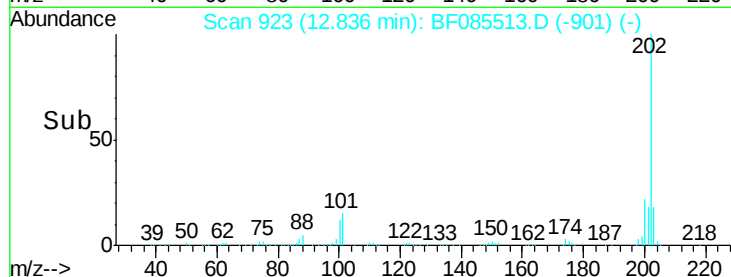
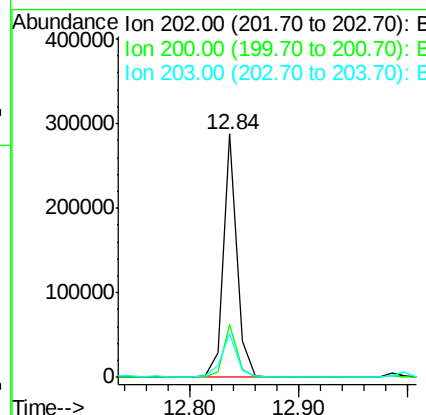
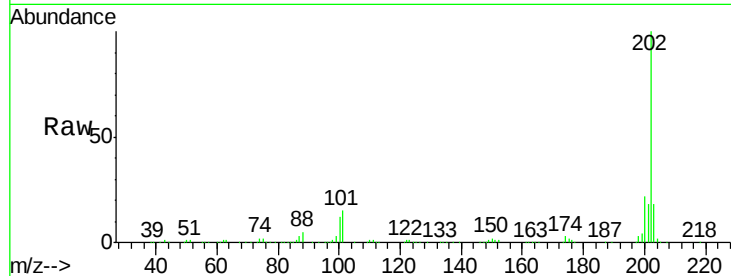
#77
 Pyrene
 Concen: 10.80 ng
 RT: 12.84 min Scan# 923
 Delta R.T. -0.05 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	253585		
200	21.9	18.2	27.4	
203	17.9	14.7	22.1	

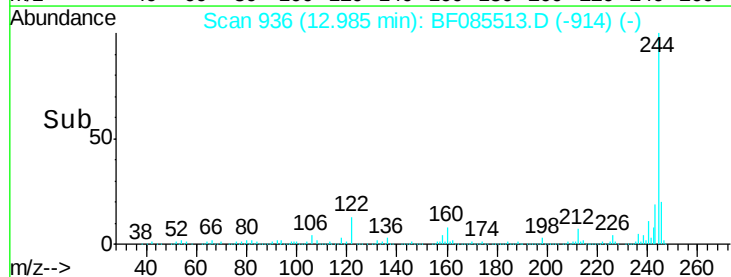
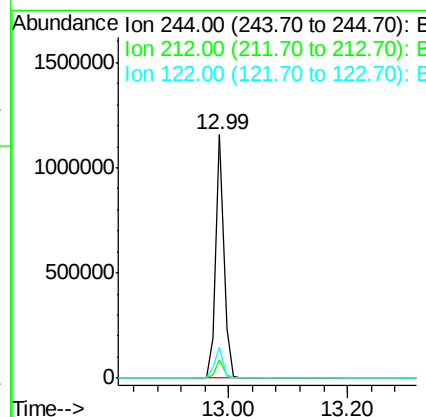
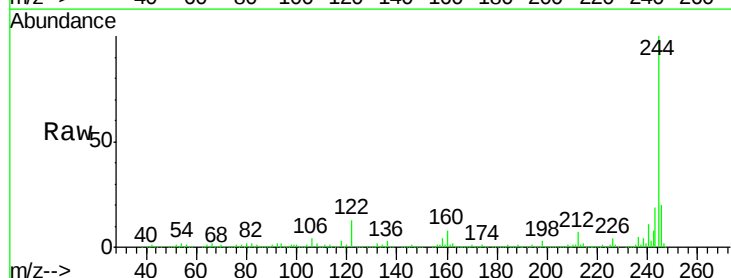
Manual Integrations
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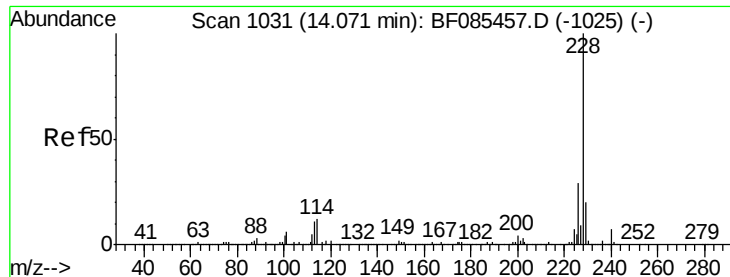
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#78
 Terphenyl-d14
 Concen: 79.34 ng
 RT: 12.99 min Scan# 936
 Delta R.T. -0.05 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1098043		
212	7.3	6.4	9.6	
122	12.7	11.4	17.2	





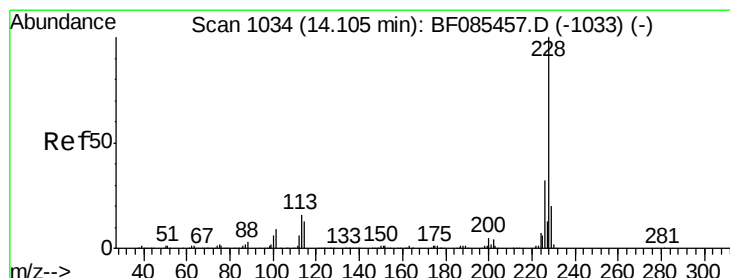
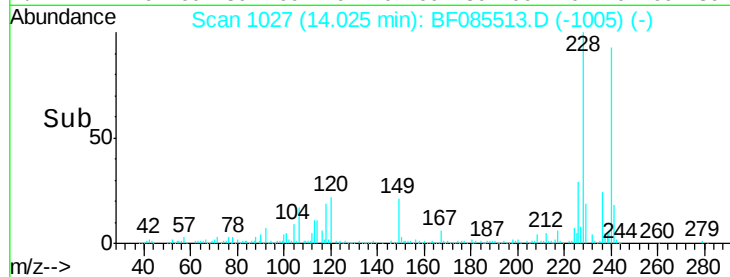
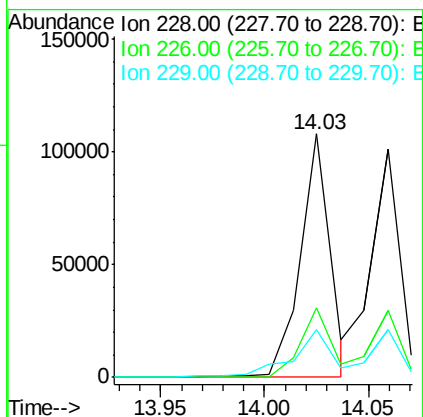
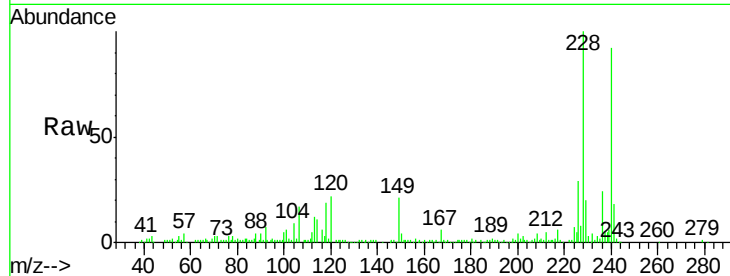
#80
Benzo(a)anthracene
Concen: 6.01 ng m
RT: 14.03 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.8	34.2
229	19.5	16.6	24.8

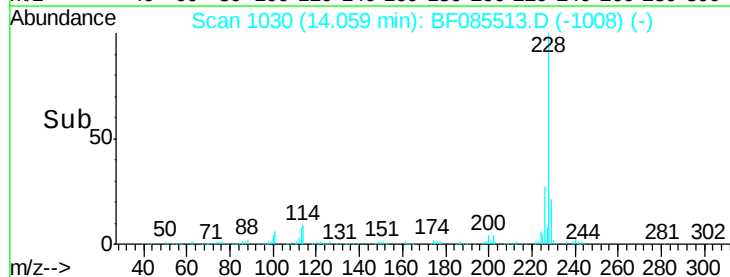
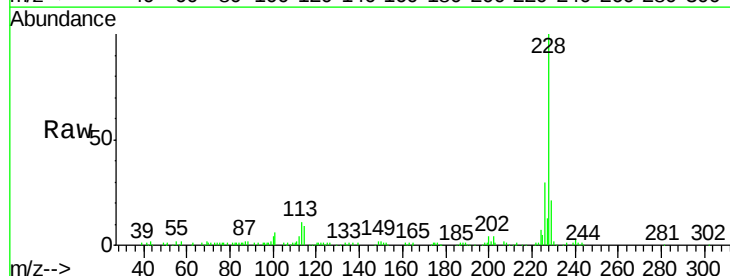
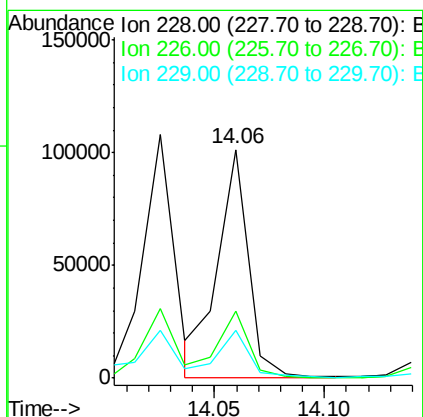
Manual Integrations
APPROVED

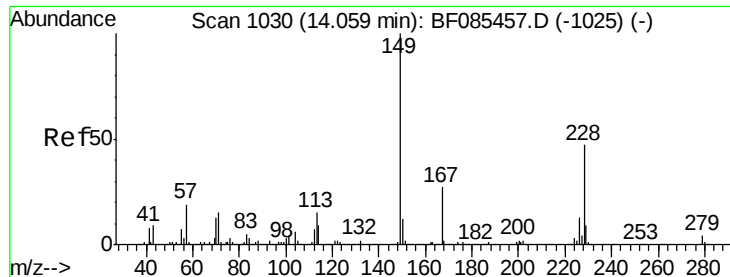
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#82
Chrysene
Concen: 6.14 ng m
RT: 14.06 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.2	37.8
229	20.9	16.0	24.0





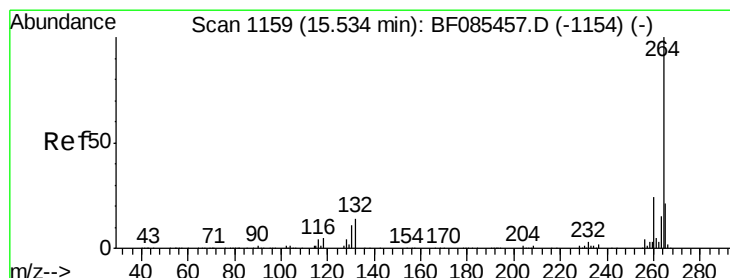
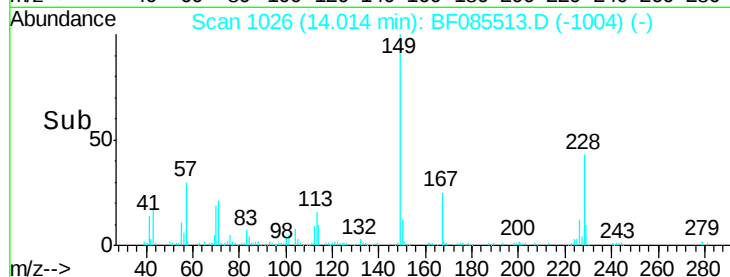
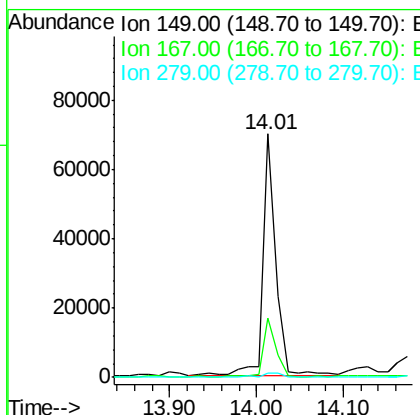
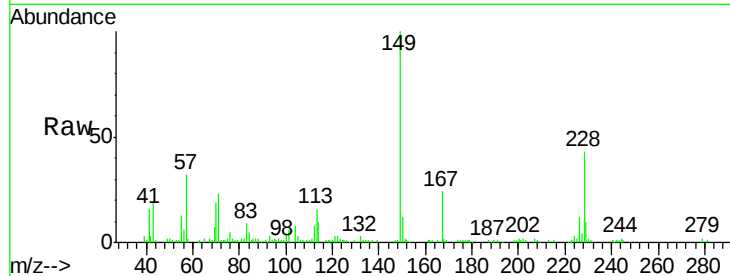
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.71 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.4	20.3	30.5
279	2.0	1.9	2.9

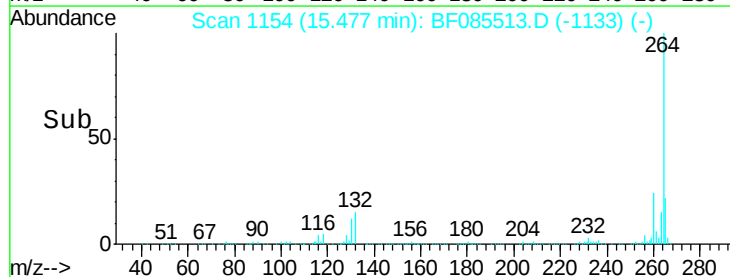
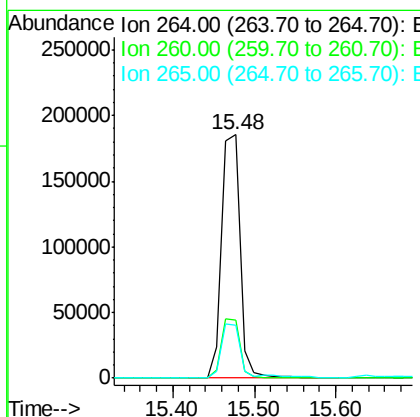
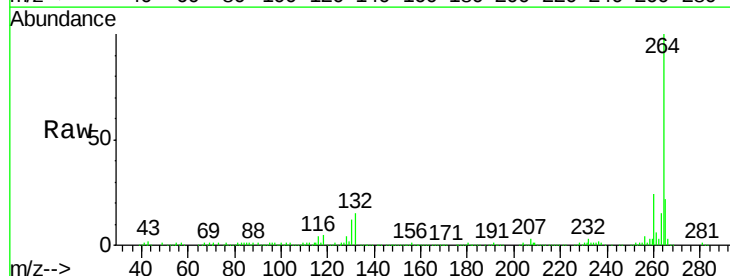
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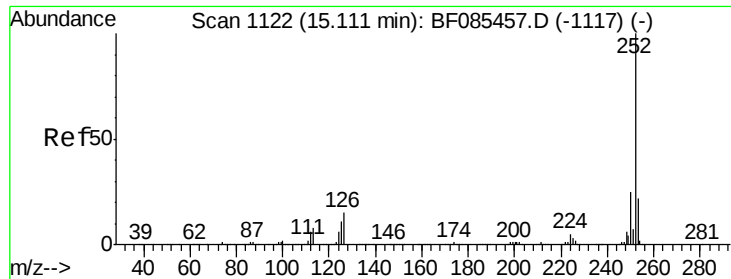
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1154
 Delta R.T. -0.06 min
 Lab File: BF085513.D
 Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.3	25.9





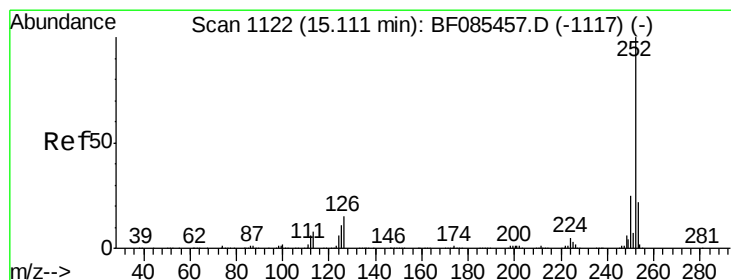
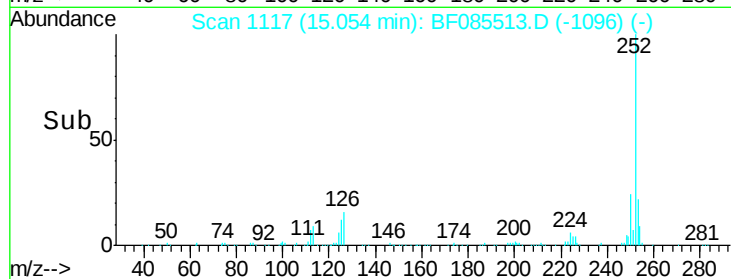
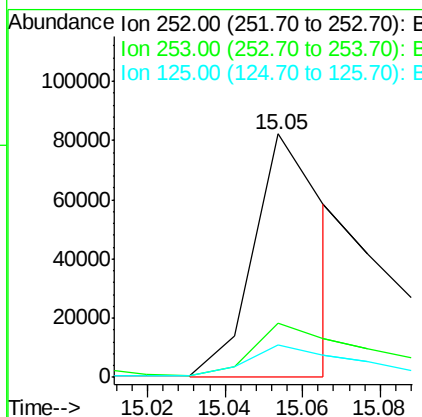
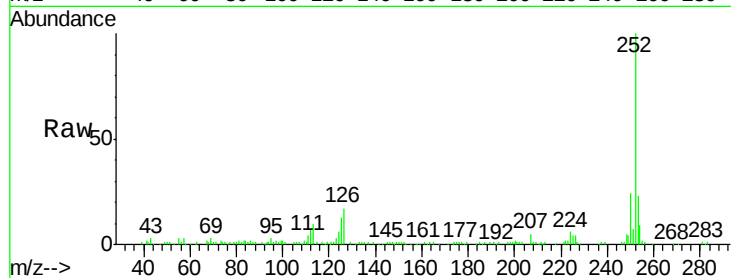
#87
Benzo(b)fluoranthene
Concen: 5.57 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.06 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.3	11.3	16.9

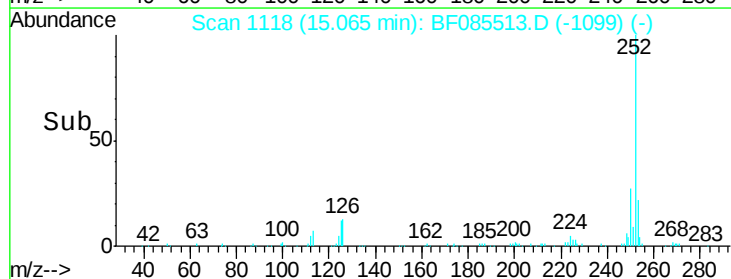
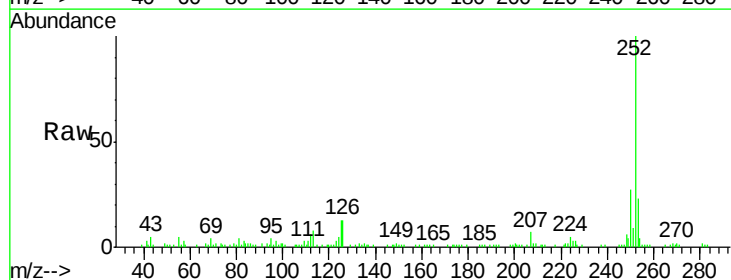
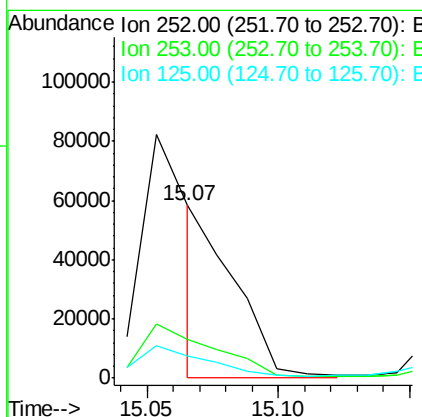
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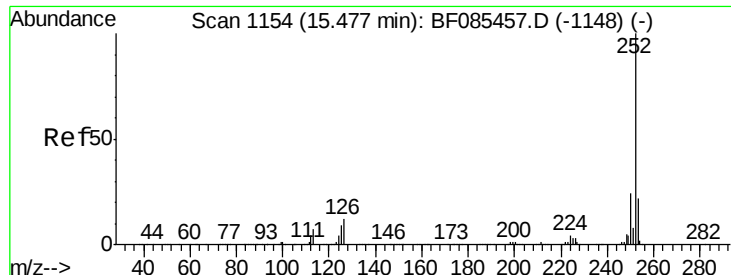
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#88
Benzo(k)fluoranthene
Concen: 3.40 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.08 min
Lab File: BF085513.D
Acq: 18 Mar 2016 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.1	10.4	15.6





#89

Benzo(a)pyrene

Concen: 4.80 ng

RT: 15.41 min Scan# 1148

Delta R.T. -0.07 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Instrument :

BNA_F

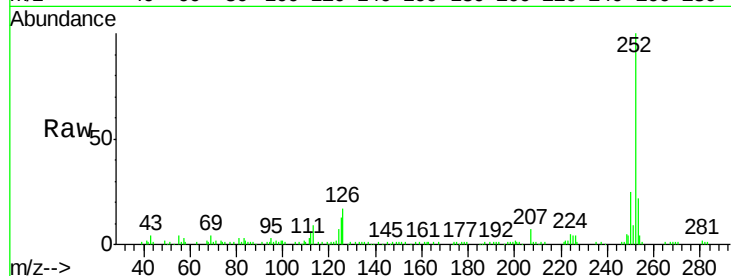
ClientSampleId :

SB-15-COMP

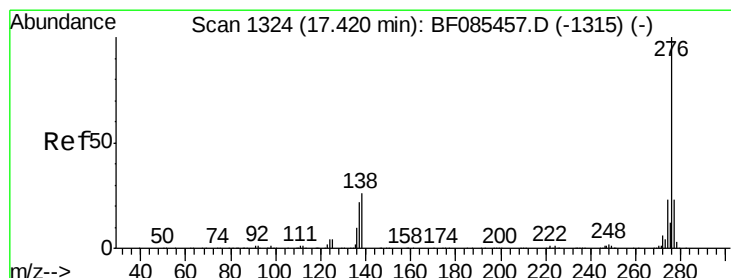
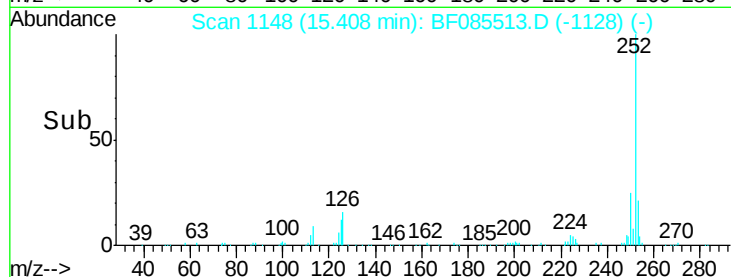
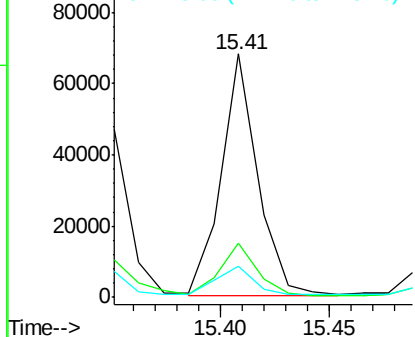
Tgt Ion:	252	Resp:	78830
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	12.8	8.2	12.4#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.87 ng

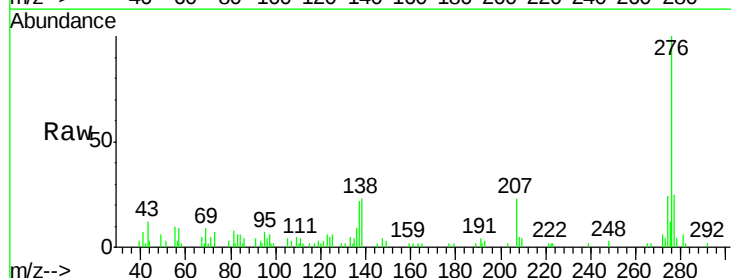
RT: 17.31 min Scan# 1314

Delta R.T. -0.11 min

Lab File: BF085513.D

Acq: 18 Mar 2016 1:33

Tgt Ion:	276	Resp:	47025
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.0	28.4
138	22.7	22.5	33.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

