

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085416.D
 Acq On : 12 Mar 2016 13:08
 Operator : UM/SJ
 Sample : H1731-22
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Manual Integrations
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Quant Time: Mar 14 01:38:39 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	139641	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	522058	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	237451	20.00	ng	-0.05
63) Phenanthrene-d10	11.47	188	377874	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	286230	20.00	ng	-0.05
86) Perylene-d12	15.57	264	231116	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1081130	129.87	ng	-0.03
7) Phenol-d6	6.56	99	1223438	112.17	ng	-0.05
23) Nitrobenzene-d5	7.50	82	757770	77.67	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	206380	101.58	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1093410	70.03	ng	-0.05
78) Terphenyl-d14	13.05	244	740595	60.06	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	233001	12.78	ng	99
74) Fluoranthene	12.68	202	62929	3.17	ng	97
77) Pyrene	12.91	202	56107	2.60	ng	98
80) Benzo(a)anthracene	14.09	228	35232	2.06	ng	99
87) Benzo(b)fluoranthene	15.15	252	35671m	2.32	ng	

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

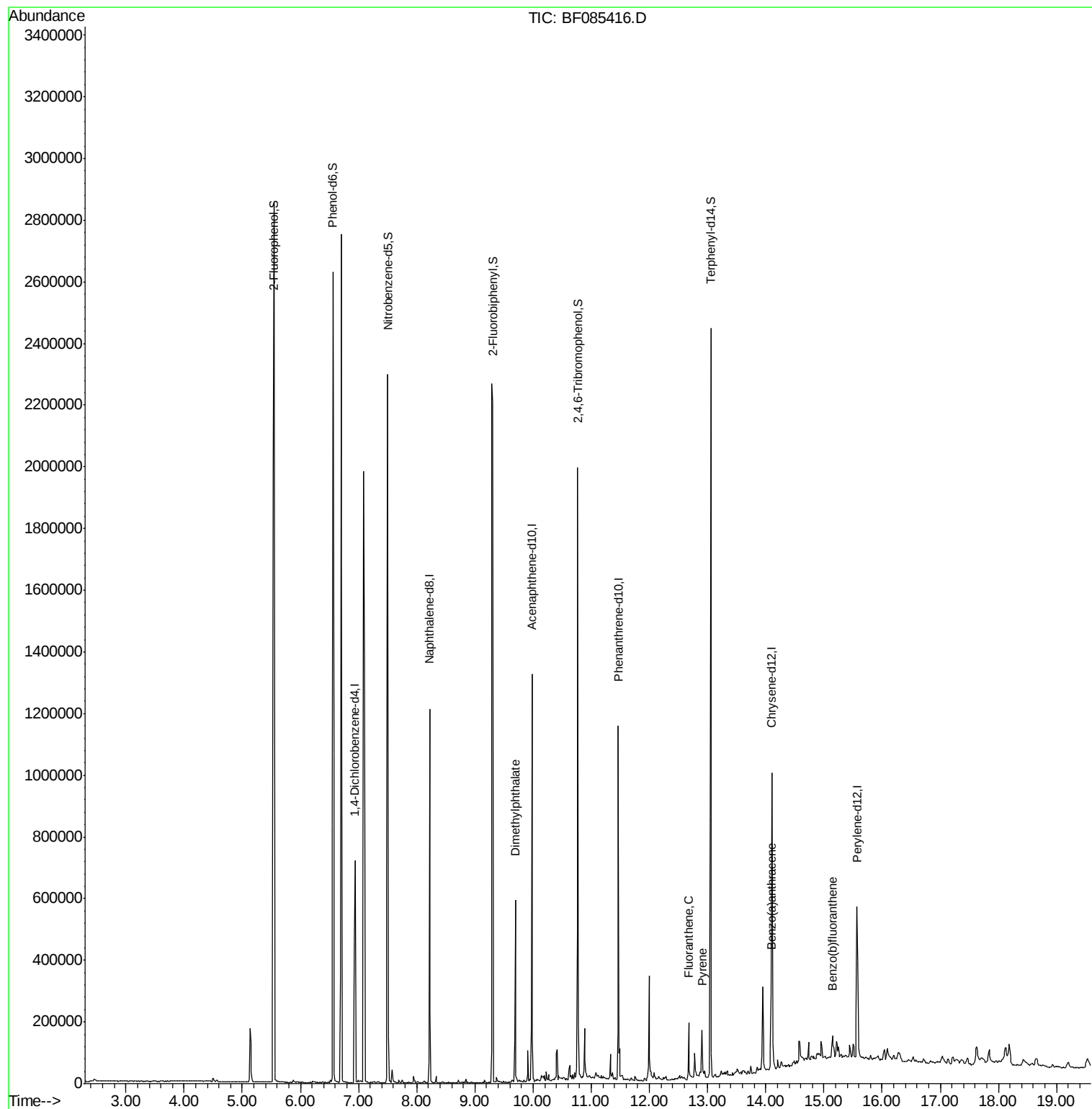
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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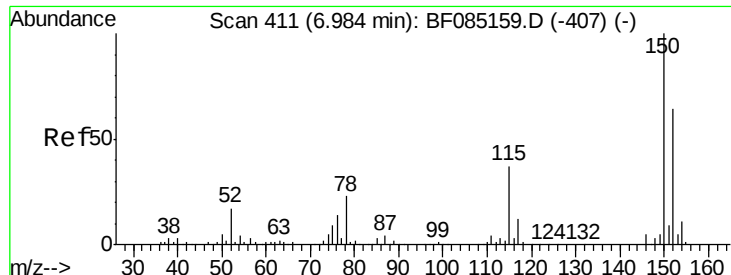
Instrument :
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SB-24-COMP

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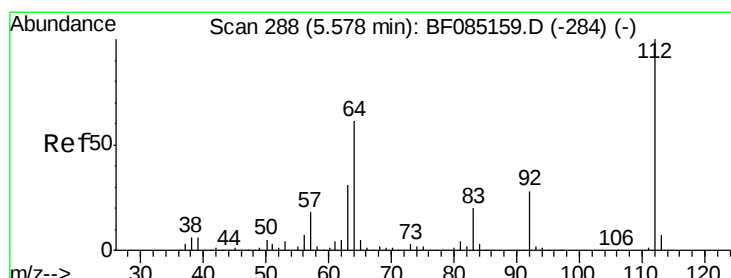
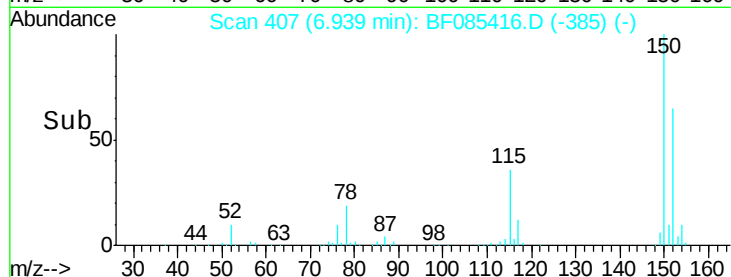
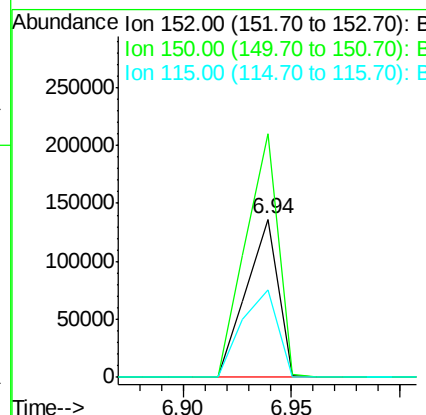
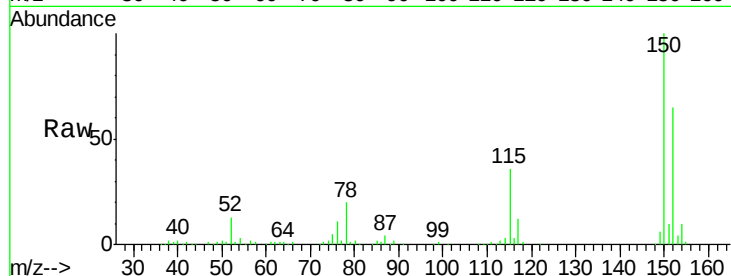
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	55.2	46.6	70.0

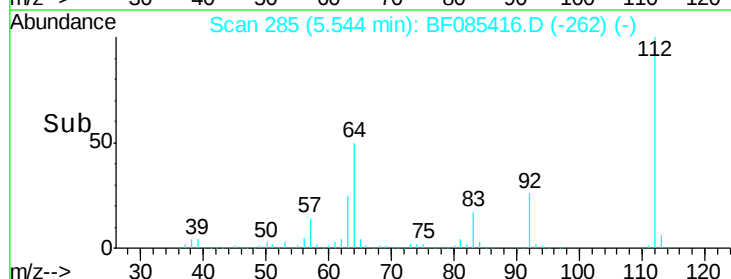
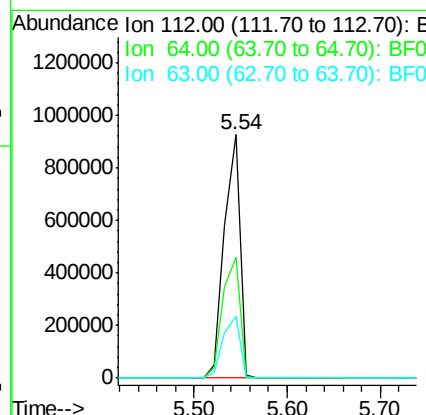
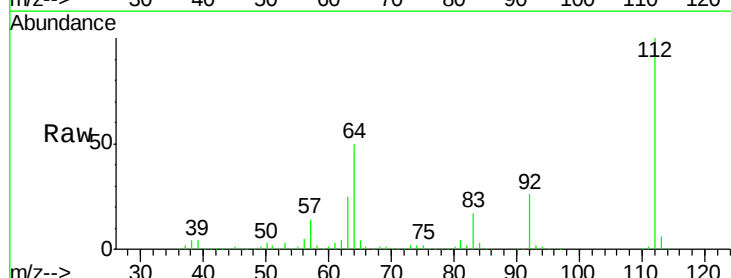
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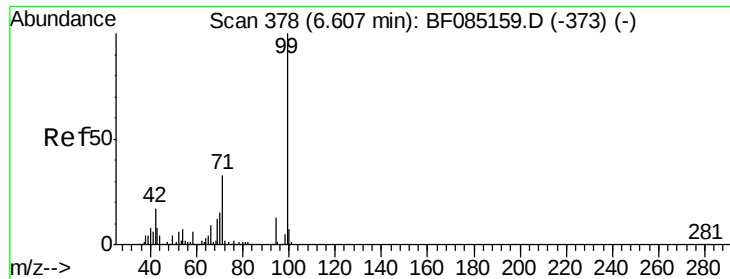
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#5
 2-Fluorophenol
 Concen: 129.87 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	49.0	73.4
63	25.3	24.8	37.2





#7

Phenol-d6

Concen: 112.17 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085416.D

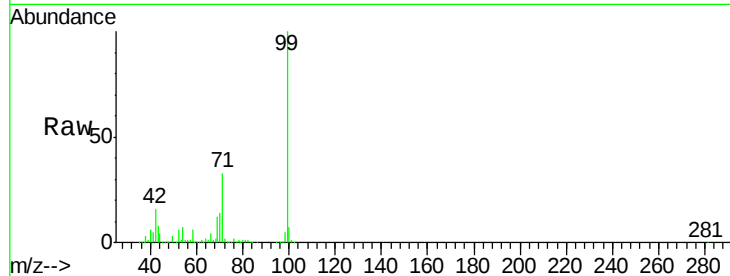
Acq: 12 Mar 2016 13:08

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP



Tgt Ion: 99 Resp: 1223438

Ion Ratio Lower Upper

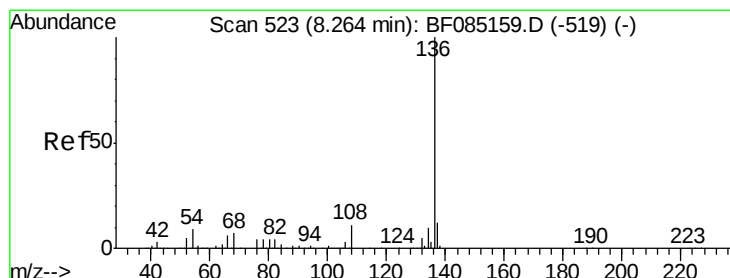
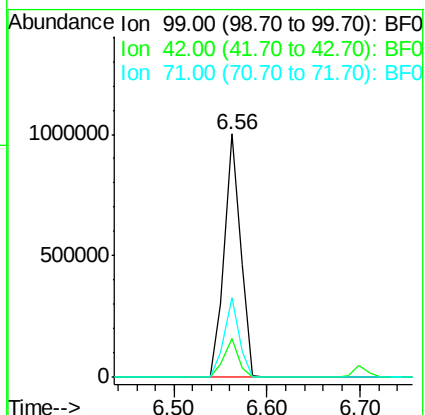
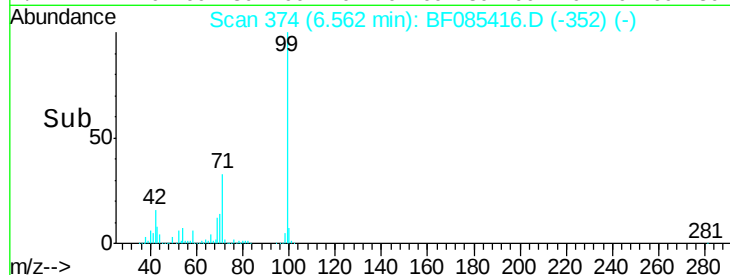
99 100

42 15.9 13.6 20.4

71 33.0 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085416.D

Acq: 12 Mar 2016 13:08

Tgt Ion: 136 Resp: 522058

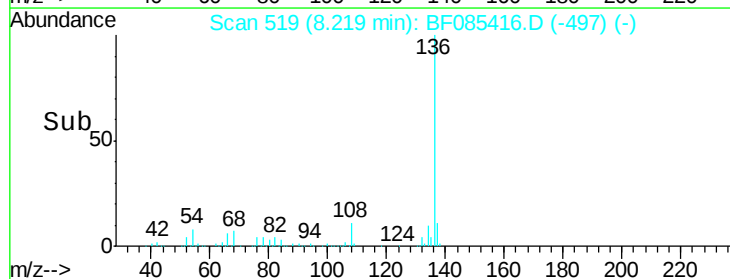
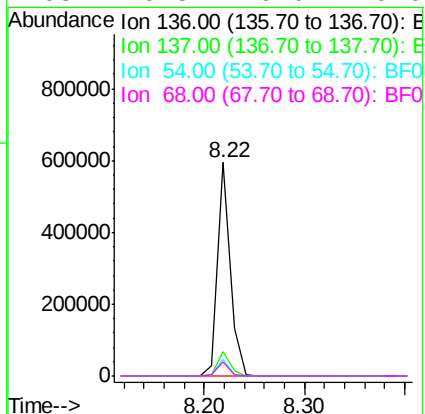
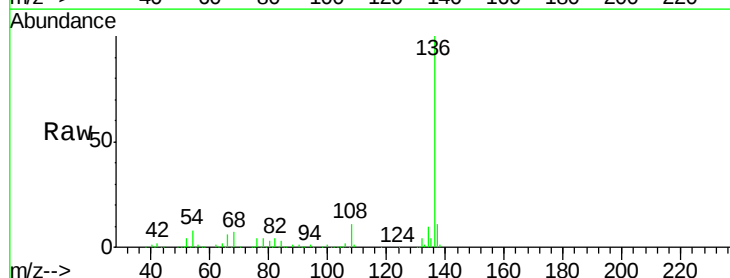
Ion Ratio Lower Upper

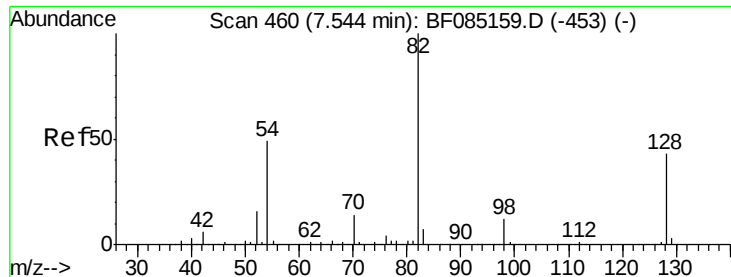
136 100

137 11.2 9.3 13.9

54 7.9 7.4 11.2

68 6.8 6.0 9.0





#23

Nitrobenzene-d5

Concen: 77.67 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085416.D

Acq: 12 Mar 2016 13:08

Instrument :

BNA_F

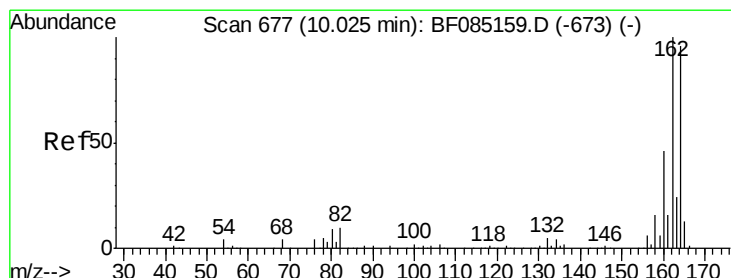
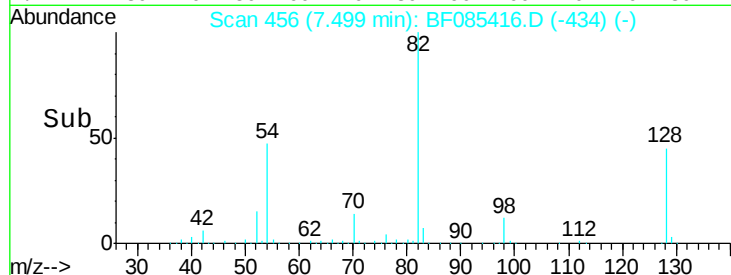
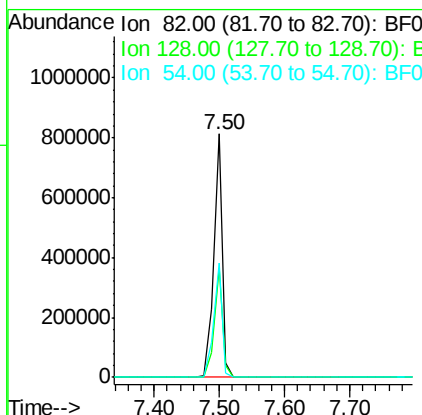
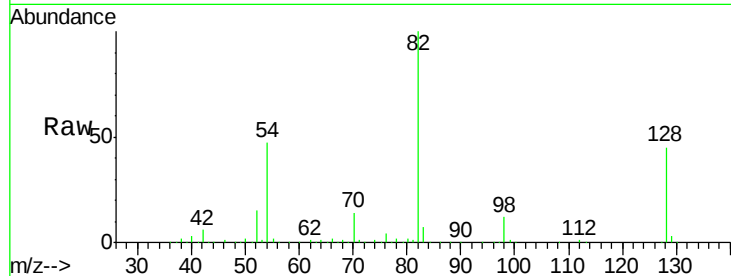
ClientSampleId :

SB-24-COMP

Tgt Ion:	82	Resp:	757770
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.5	51.7
54	46.7	39.3	58.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

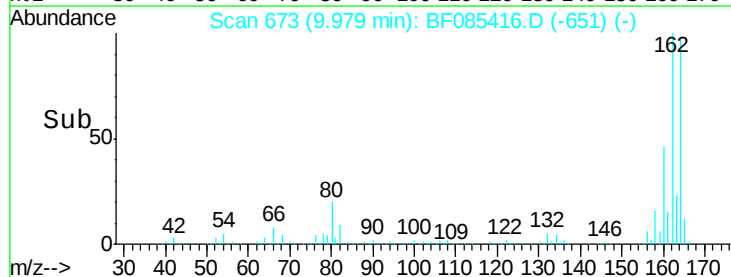
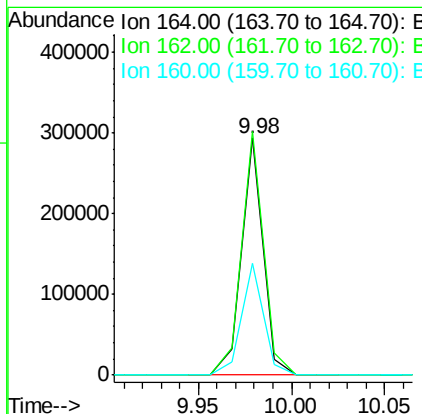
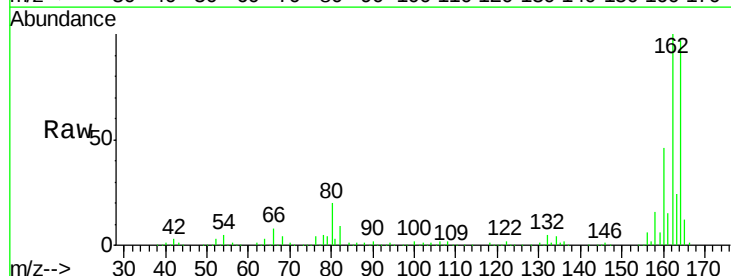
RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085416.D

Acq: 12 Mar 2016 13:08

Tgt Ion:	164	Resp:	237451
Ion Ratio	Lower	Upper	
164	100		
162	102.8	83.3	124.9
160	47.0	37.9	56.9





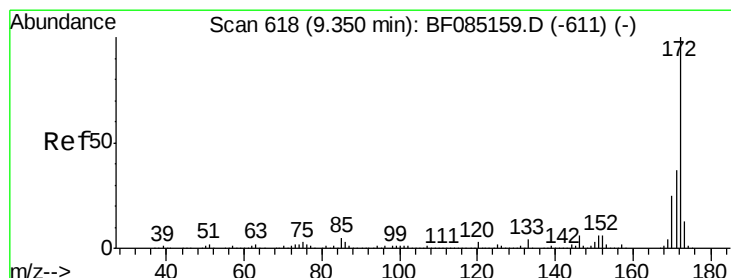
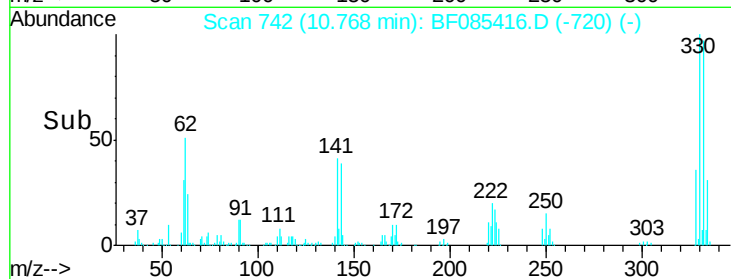
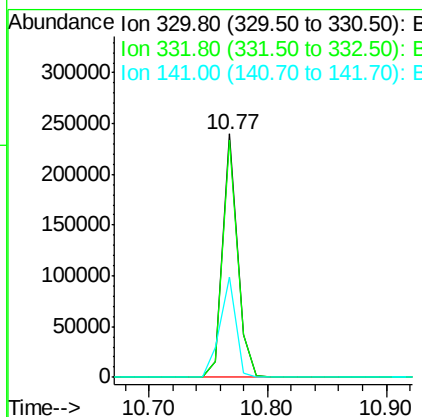
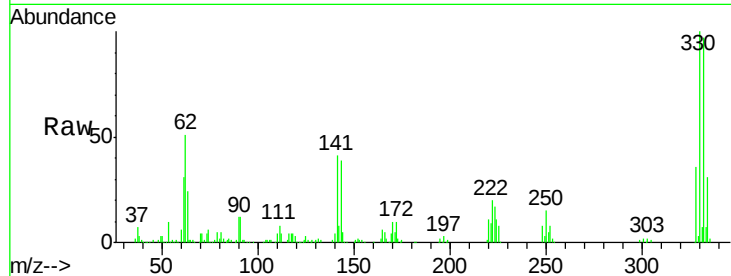
#41
 2,4,6-Tribromophenol
 Concen: 101.58 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	206380		
332	97.8	77.1	115.7	
141	44.6	35.0	52.6	

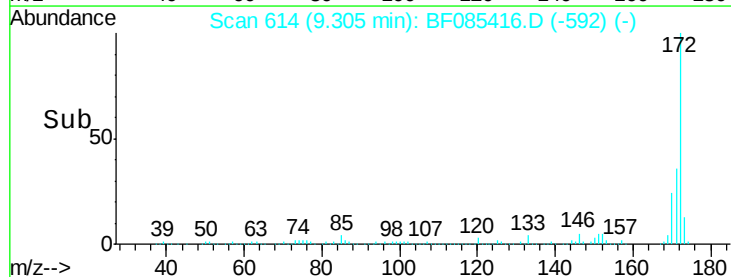
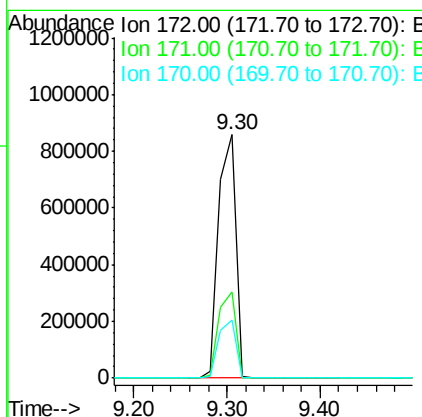
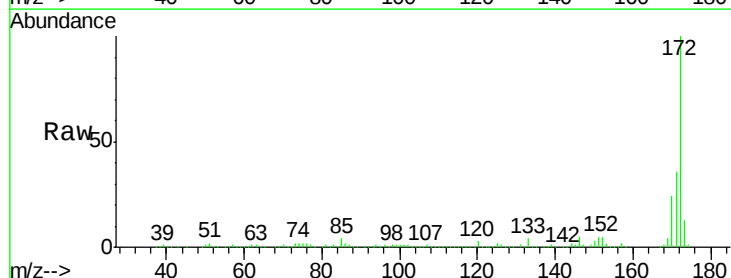
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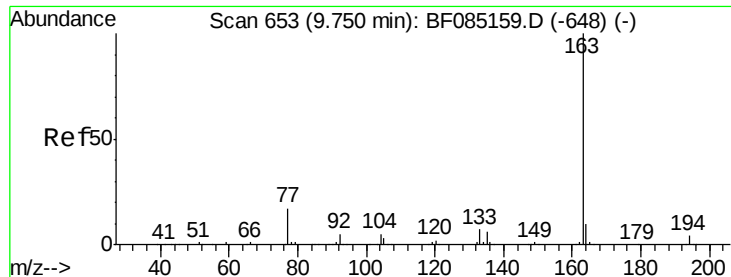
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#44
 2-Fluorobiphenyl
 Concen: 70.03 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1093410		
171	35.6	29.3	43.9	
170	23.9	20.0	30.0	





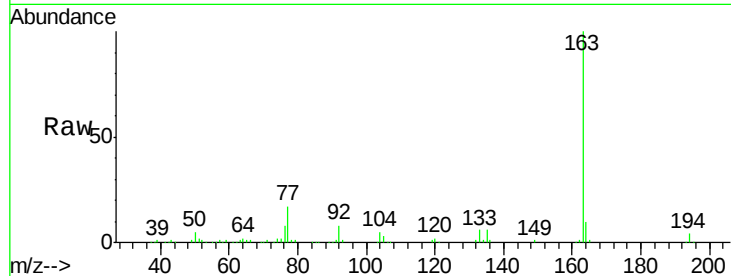
#49
Dimethylphthalate
Concen: 12.78 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085416.D
Acq: 12 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:	163	Resp:	233001
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.7	8.2	12.4

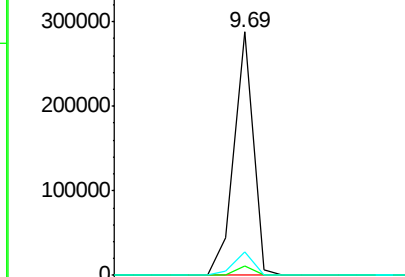
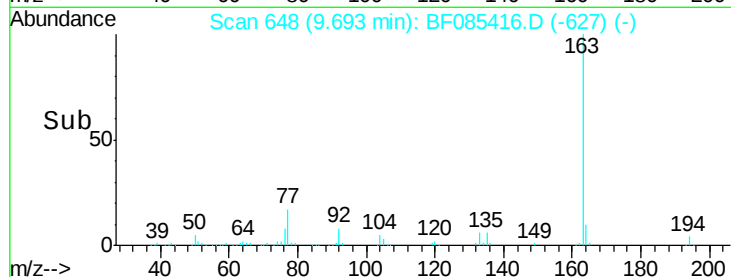
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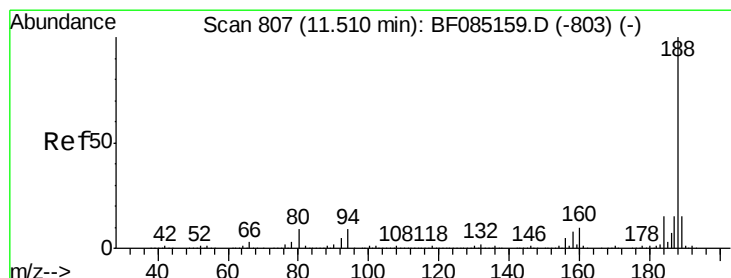


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

9.69

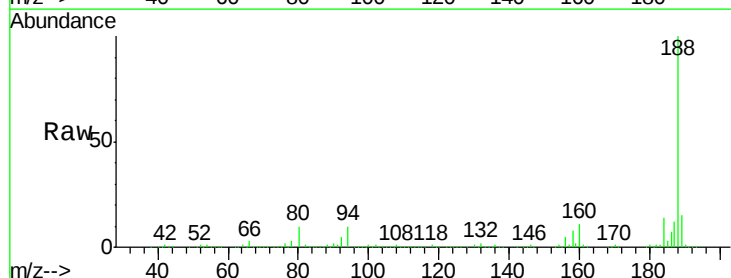


Time-->



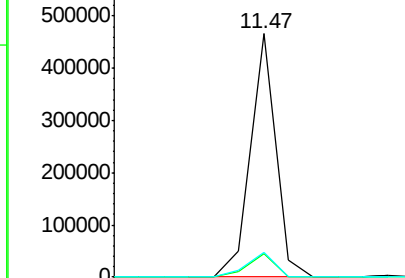
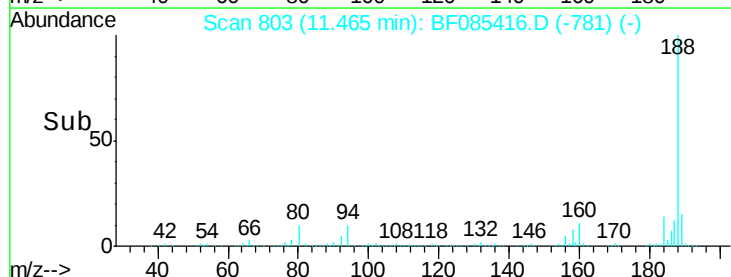
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085416.D
Acq: 12 Mar 2016 13:08

Tgt Ion:	188	Resp:	377874
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.0	10.6
80	9.9	7.4	11.0

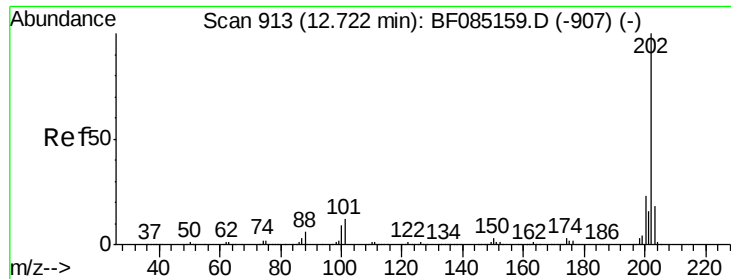


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

11.47



Time-->



#74

Fluoranthene

Concen: 3.17 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085416.D

Acq: 12 Mar 2016 13:08

Instrument :

BNA_F

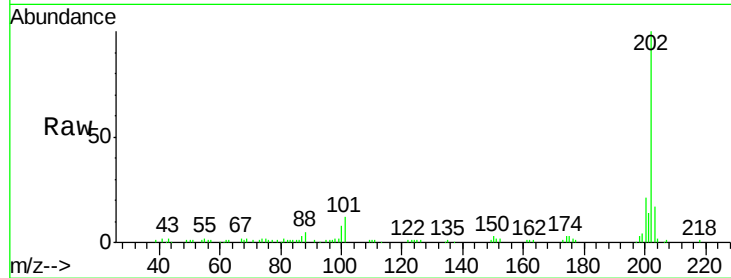
ClientSampleId :

SB-24-COMP

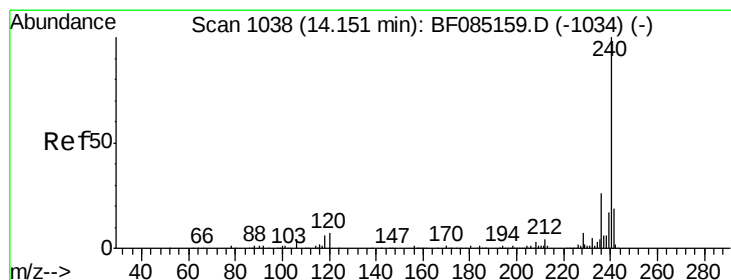
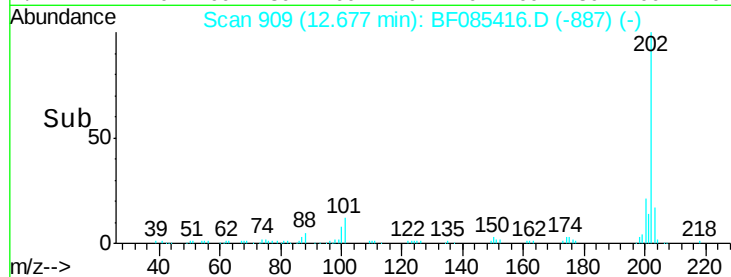
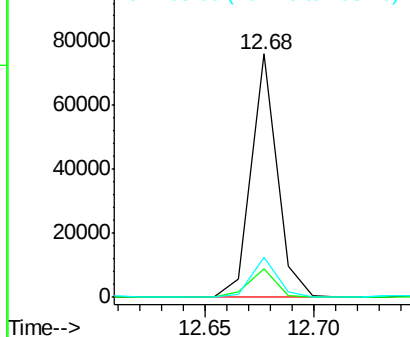
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	31.8
203	16.6	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

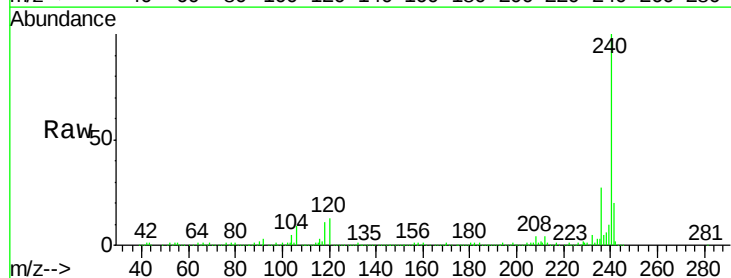
RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

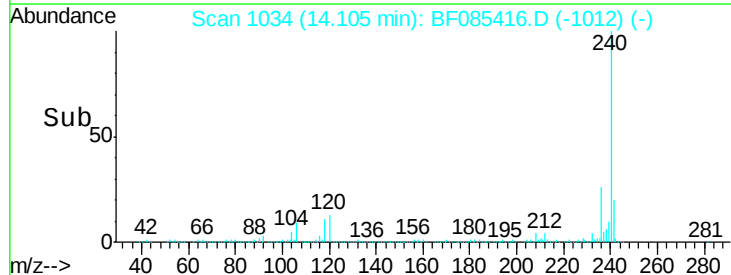
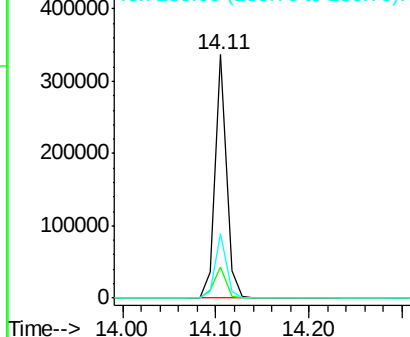
Lab File: BF085416.D

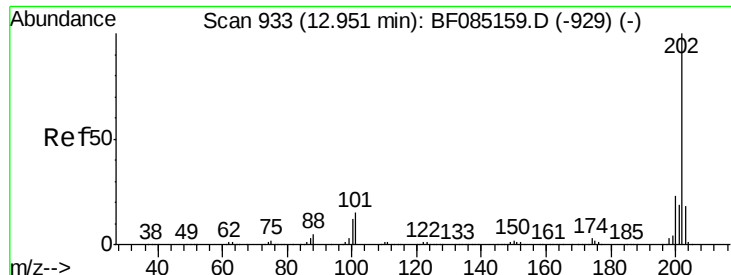
Acq: 12 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.0	5.3	7.9#
236	26.6	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





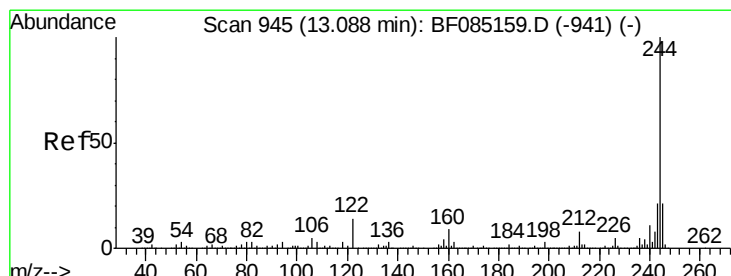
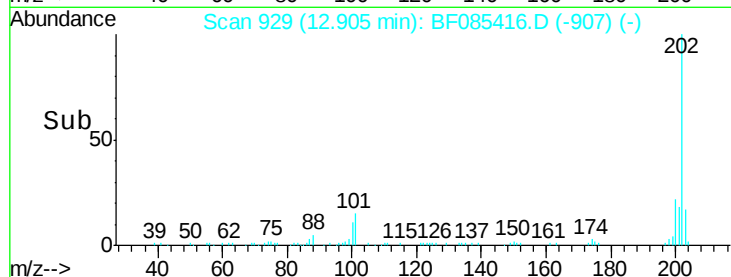
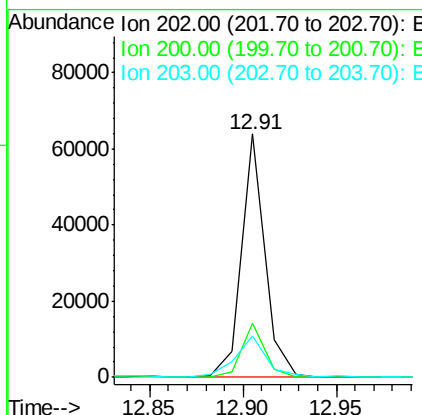
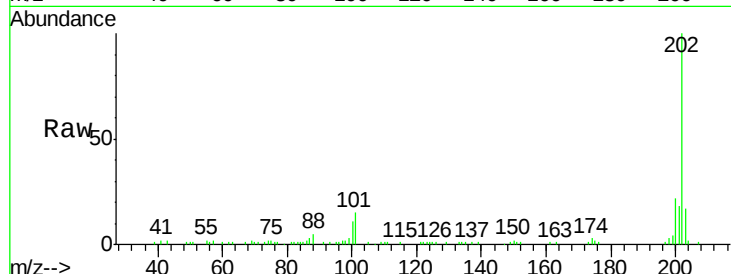
#77
 Pyrene
 Concen: 2.60 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.05 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	18.2	27.4
203	16.9	14.7	22.1

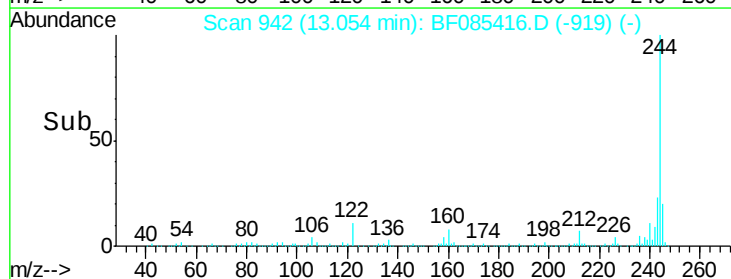
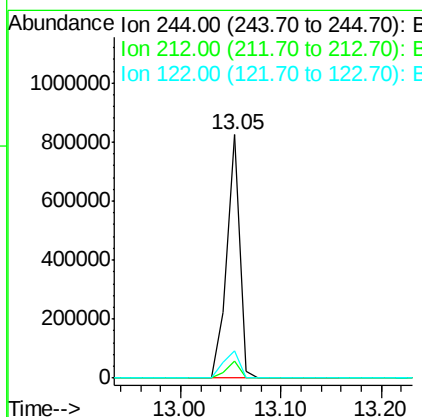
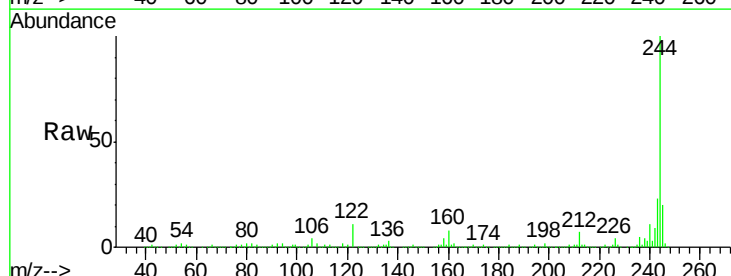
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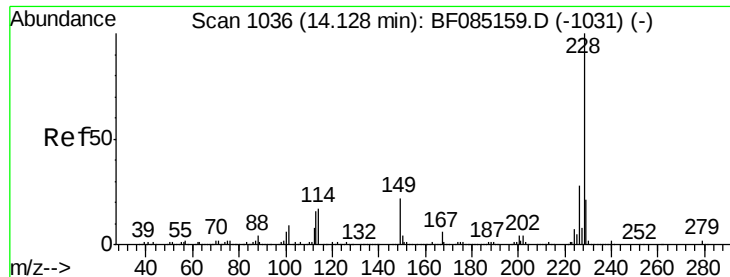
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#78
 Terphenyl-d14
 Concen: 60.06 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.2	6.4	9.6
122	11.4	11.4	17.2





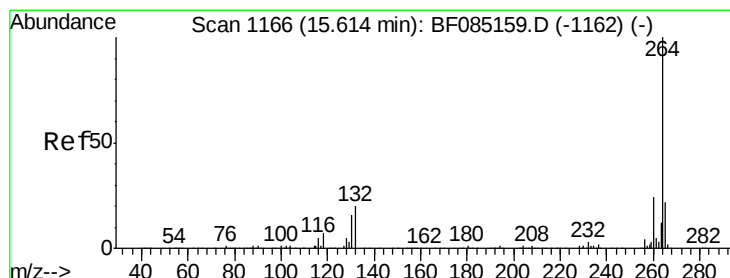
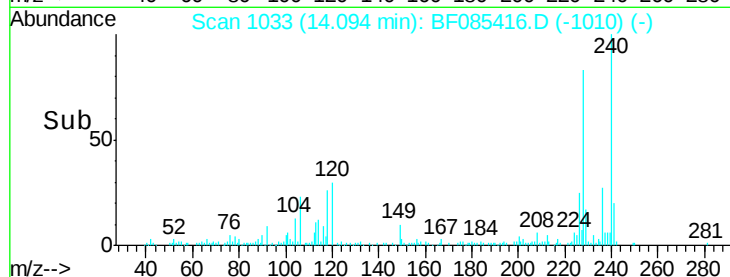
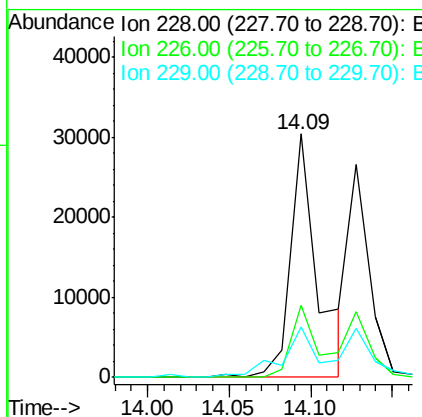
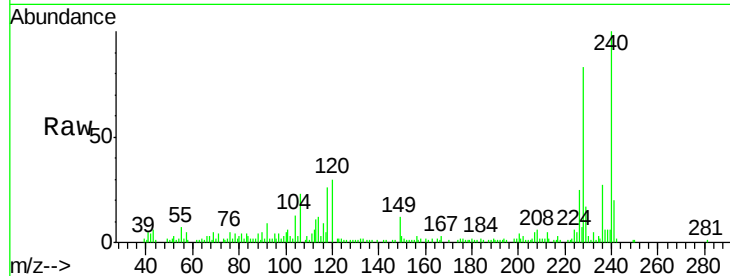
#80
Benzo(a)anthracene
Concen: 2.06 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085416.D
Acq: 12 Mar 2016 13:08

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:	228	Resp:	35232
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.8	34.2
229	20.8	16.6	24.8

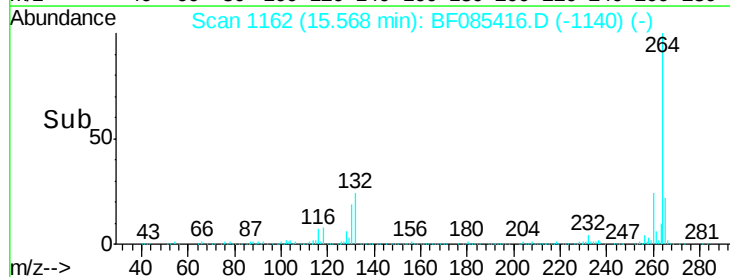
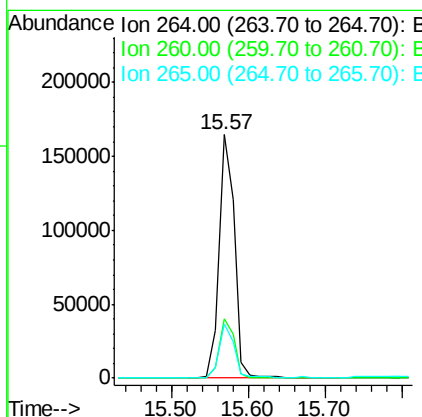
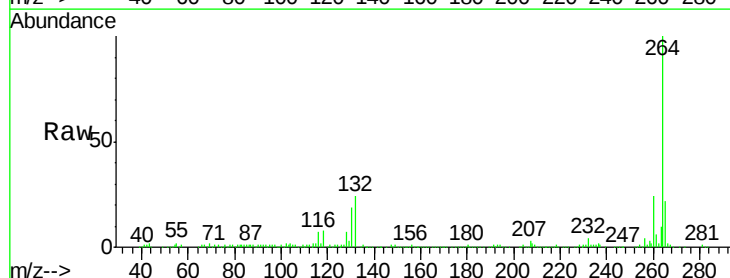
Manual Integrations
APPROVED

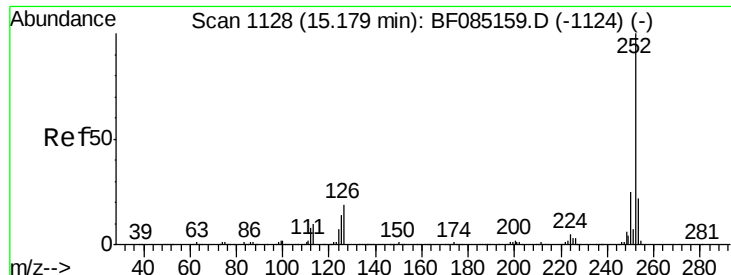
UMANGI
3/14/2016 10:46:31 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085416.D
Acq: 12 Mar 2016 13:08

Tgt Ion:	264	Resp:	231116
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.1	17.3	25.9





#87
 Benzo(b)fluoranthene
 Concen: 2.32 ng m
 RT: 15.15 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF085416.D
 Acq: 12 Mar 2016 13:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:	252	Resp:	35671
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.6
125	15.2	11.3	16.9

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:46:31 AM

