

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085399.D
 Acq On : 12 Mar 2016 5:16
 Operator : UM/SJ
 Sample : H1754-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-21(0.5-3.0)

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:45:56 AM

Quant Time: Mar 12 06:48:31 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	173485	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	648885	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	295260	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	474935	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	316897	20.00	ng	-0.05
86) Perylene-d12	15.57	264	290831	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1331974	128.79	ng	-0.03
7) Phenol-d6	6.57	99	2025856	149.51	ng	-0.03
23) Nitrobenzene-d5	7.50	82	1112907	91.78	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	348958	138.12	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1785836	91.98	ng	-0.05
78) Terphenyl-d14	13.05	244	1119903	82.04	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	250852	11.07	ng	98
70) Phenanthrene	11.49	178	62668	2.52	ng	96
74) Fluoranthene	12.68	202	112085	4.49	ng	97
77) Pyrene	12.90	202	113693	4.77	ng	97
80) Benzo(a)anthracene	14.09	228	61741	3.25	ng	99
82) Chrysene	14.13	228	41466	2.37	ng	99
87) Benzo(b)fluoranthene	15.15	252	61640m	3.18	ng	
89) Benzo(a)pyrene	15.50	252	43343	2.70	ng	# 91

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

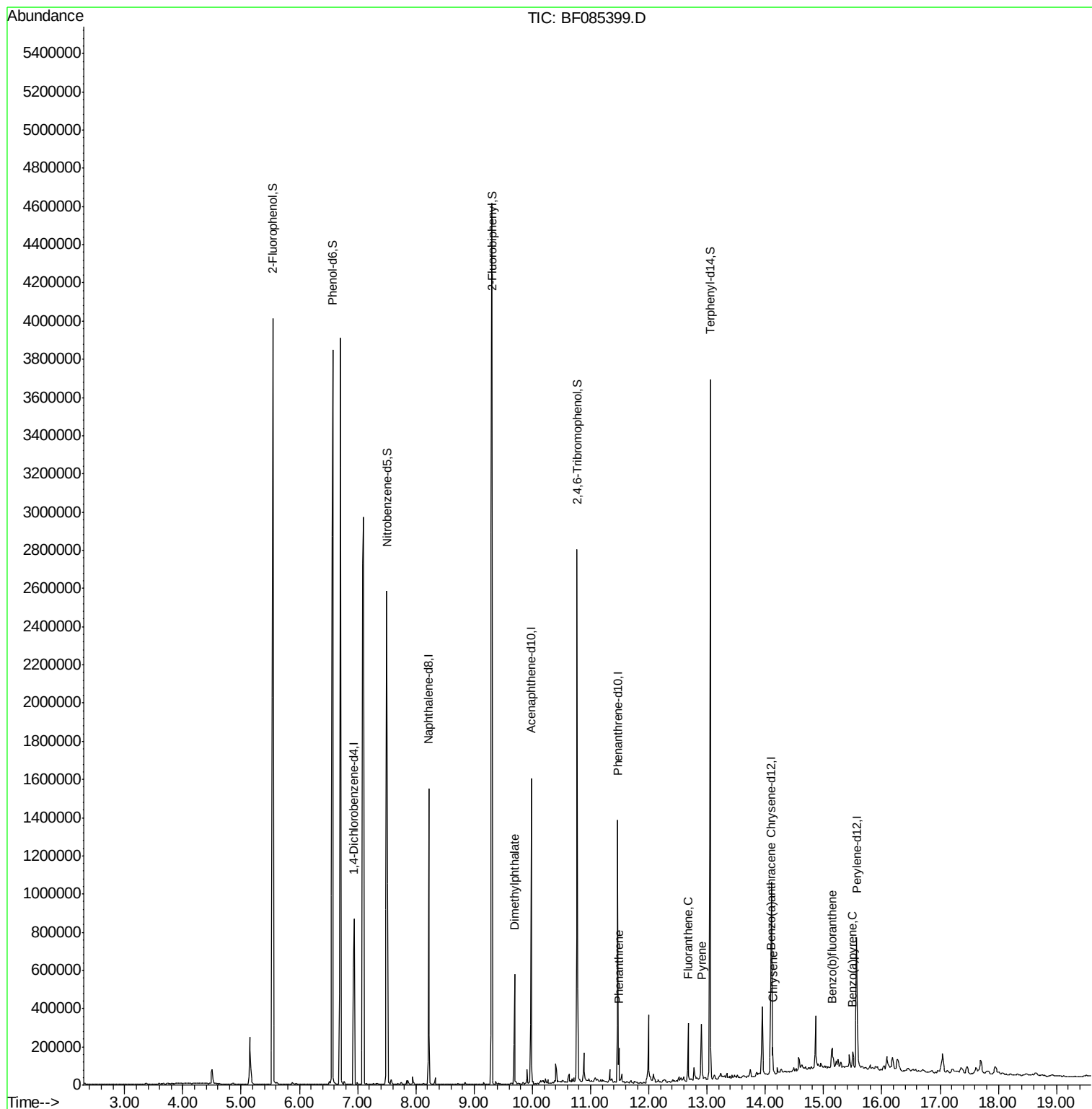
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085399.D
Acq On : 12 Mar 2016 5:16
Operator : UM/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

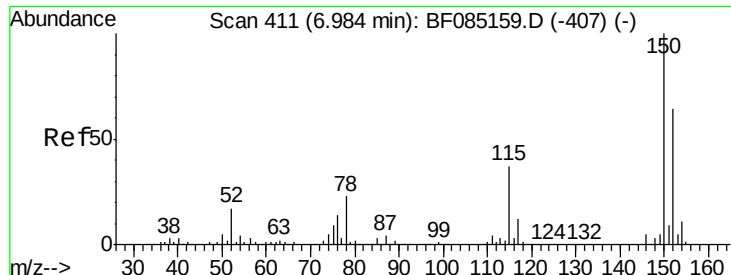
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-21(0.5-3.0)

Manual Integrations
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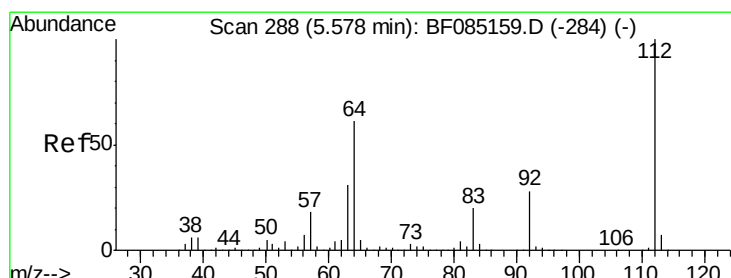
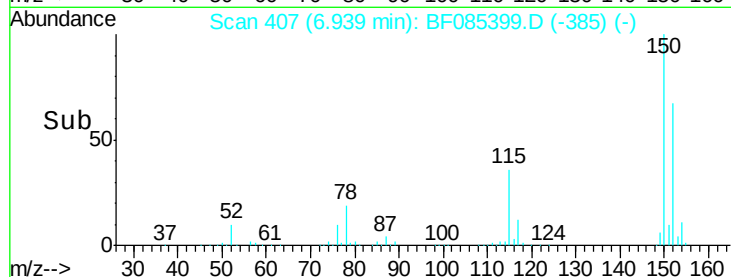
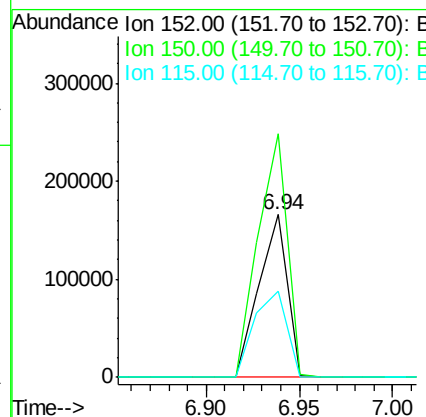
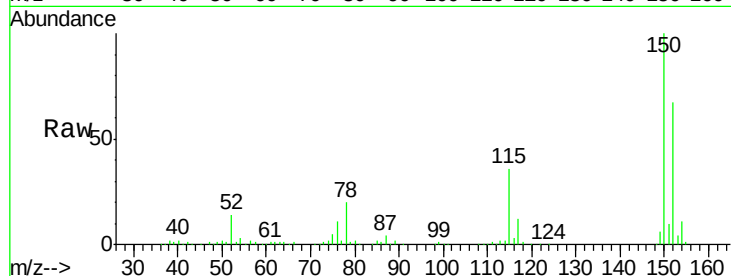
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 407
 Delta R.T. -0.05 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-21(0.5-3.0)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	173485		
150	149.9	124.6	186.8	
115	53.4	46.6	70.0	

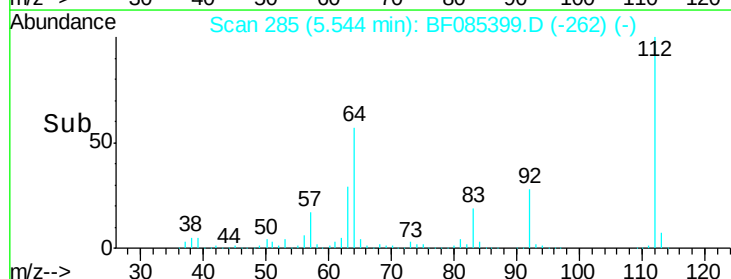
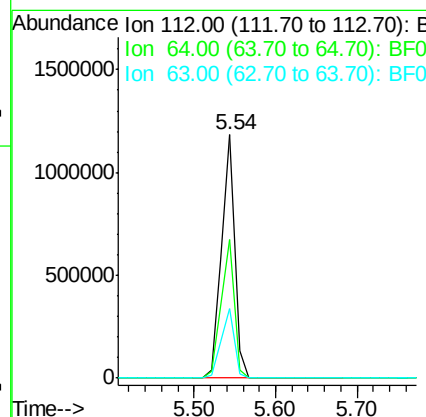
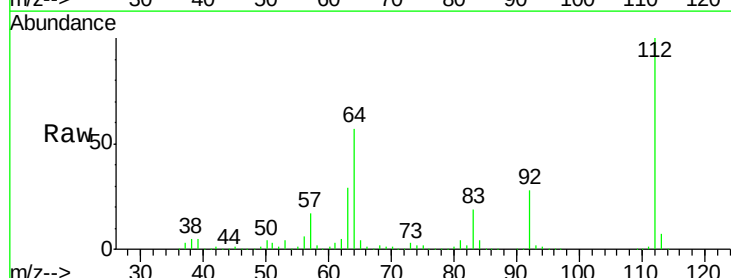
Manual Integrations
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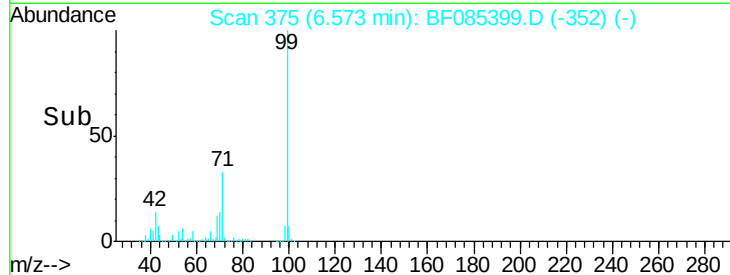
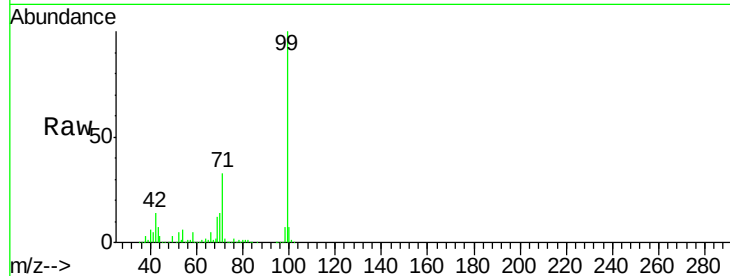
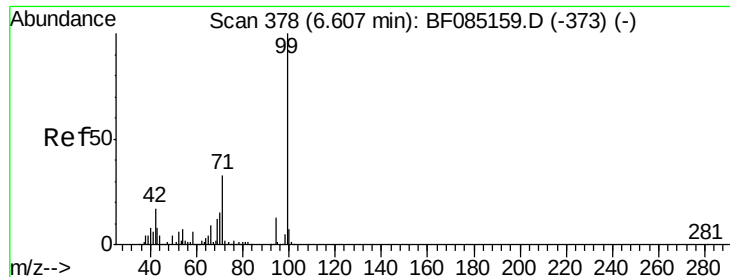
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#5
 2-Fluorophenol
 Concen: 128.79 ng
 RT: 5.54 min Scan# 285
 Delta R.T. -0.03 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1331974		
64	57.1	49.0	73.4	
63	28.6	24.8	37.2	





#7

Phenol-d6

Concen: 149.51 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

Tgt Ion:	99	Resp:	2025856
Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.6	20.4
71	33.0	26.7	40.1

Instrument :

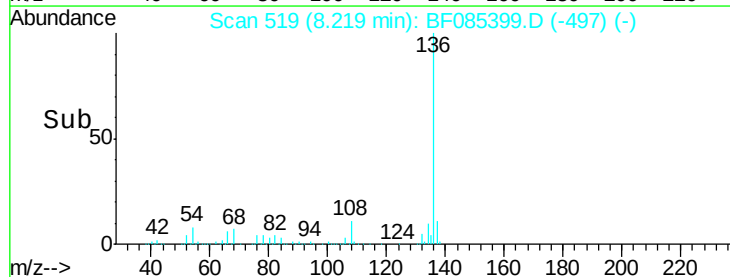
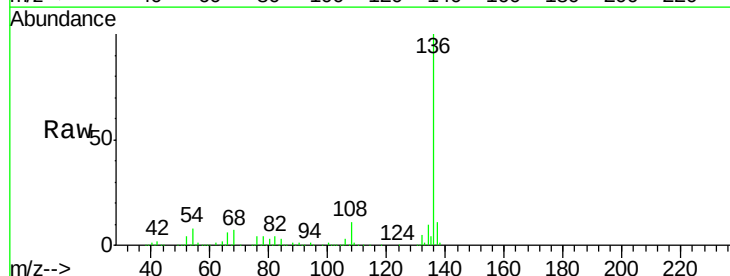
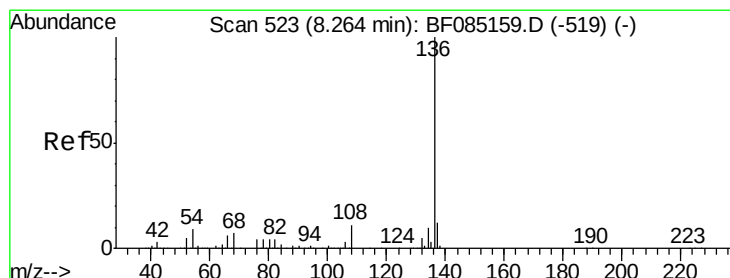
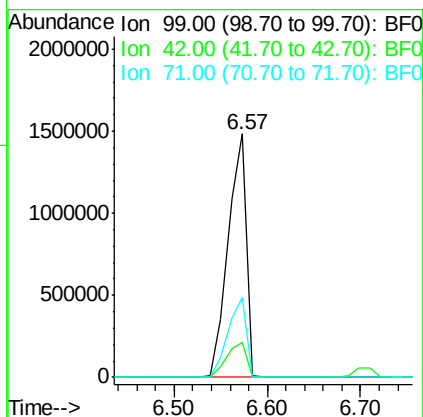
BNA_F

ClientSampleId :

W170TH-SB-21(0.5-3.0)

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#21

Naphthalene-d8

Concen: 20.00 ng

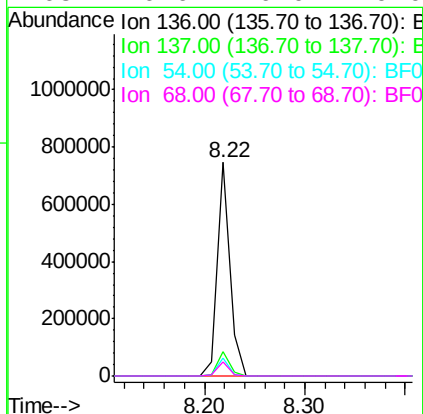
RT: 8.22 min Scan# 519

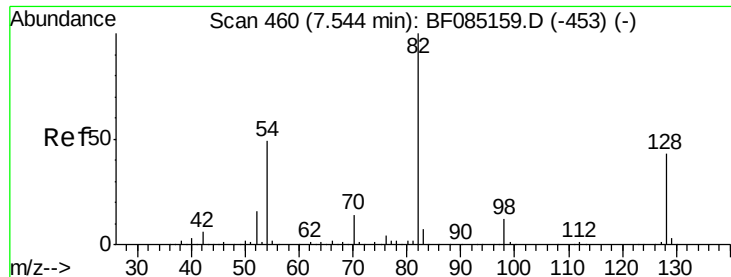
Delta R.T. -0.05 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

Tgt Ion:	136	Resp:	648885
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	7.4	11.2
68	6.6	6.0	9.0





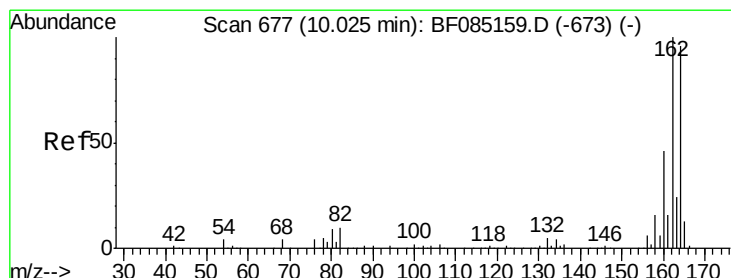
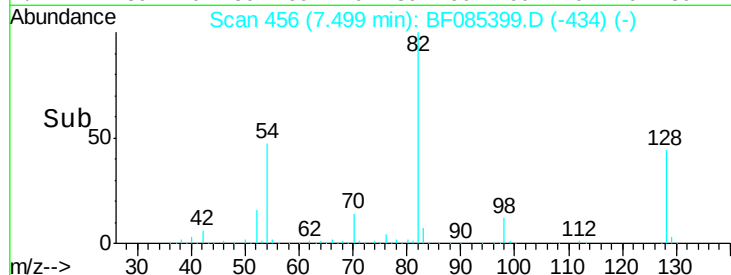
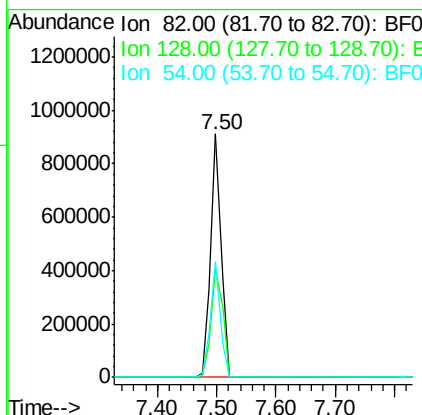
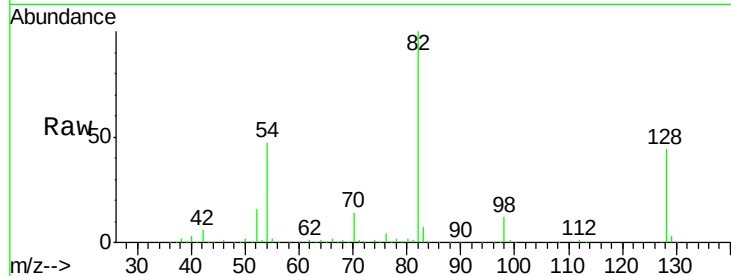
#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-21(0.5-3.0)

Tgt Ion: 82 Resp: 1112907
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.5 51.7
 54 47.4 39.3 58.9

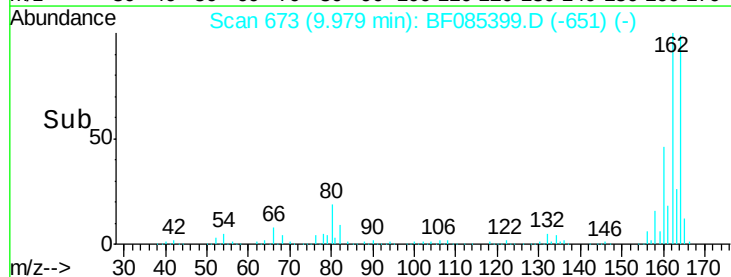
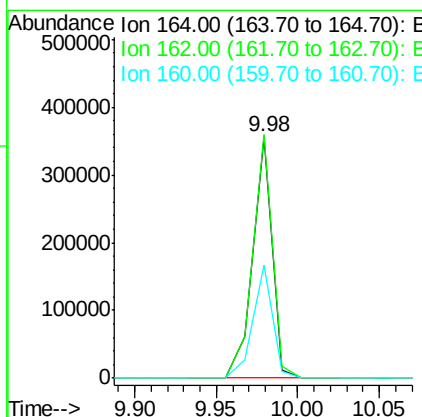
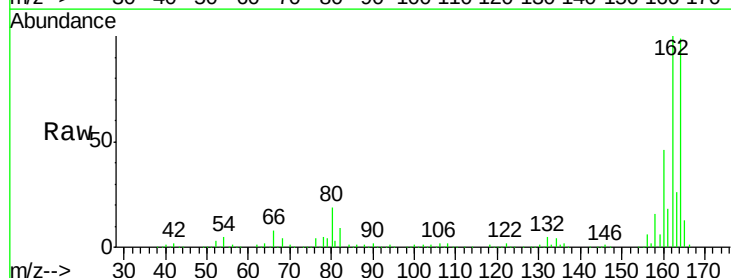
Manual Integrations
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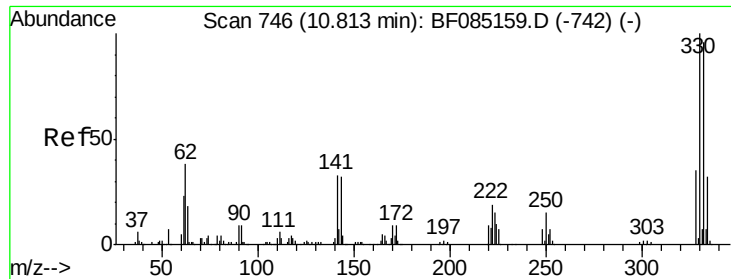
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

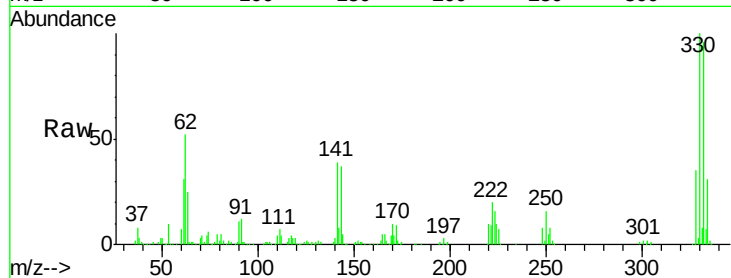
Tgt Ion: 164 Resp: 295260
 Ion Ratio Lower Upper
 164 100
 162 100.8 83.3 124.9
 160 46.7 37.9 56.9





#41
 2,4,6-Tribromophenol
 Concen: 138.12 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

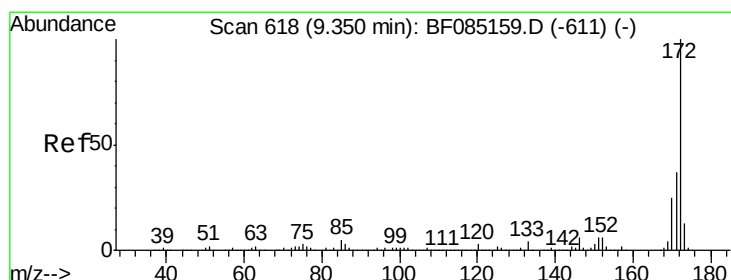
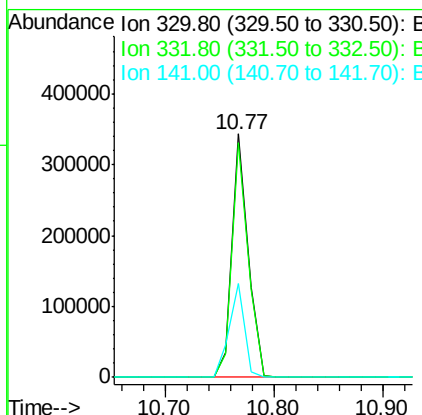
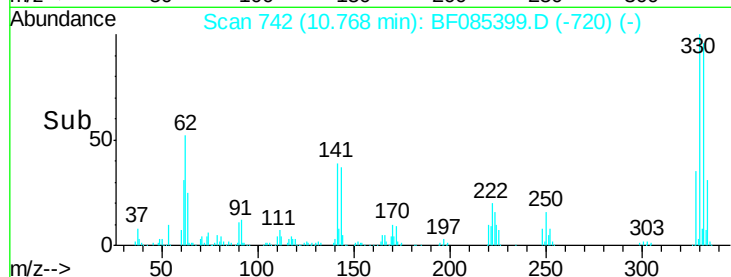
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-21(0.5-3.0)



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	348958		
332	96.4	77.1	115.7	
141	37.4	35.0	52.6	

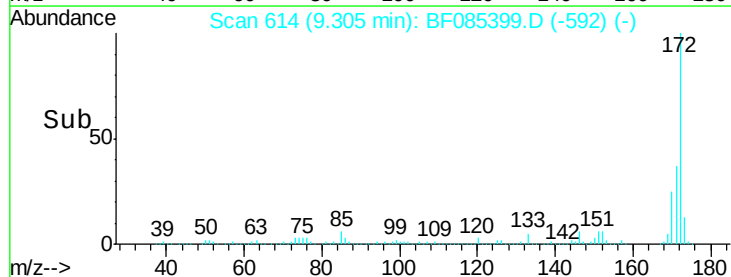
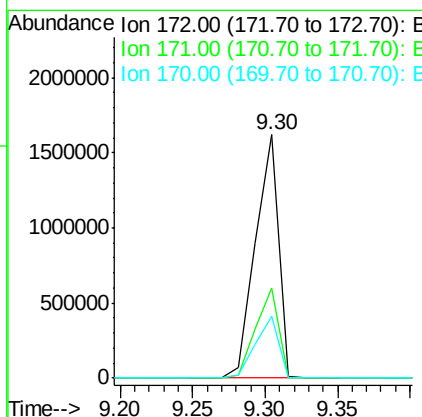
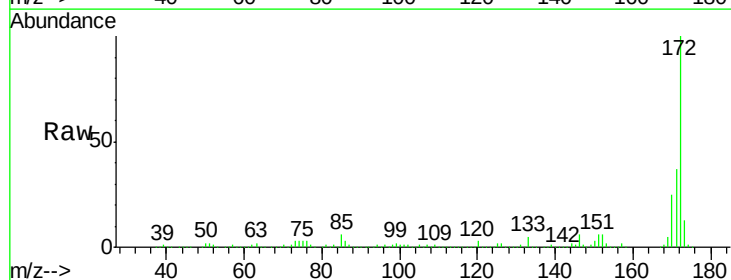
Manual Integrations
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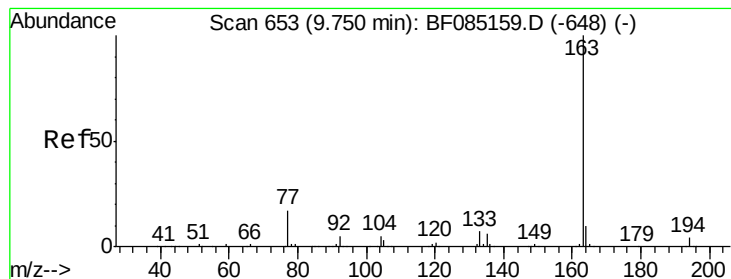
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#44
 2-Fluorobiphenyl
 Concen: 91.98 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1785836		
171	36.9	29.3	43.9	
170	25.2	20.0	30.0	





#49

Dimethylphthalate

Concen: 11.07 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

Instrument :

BNA_F

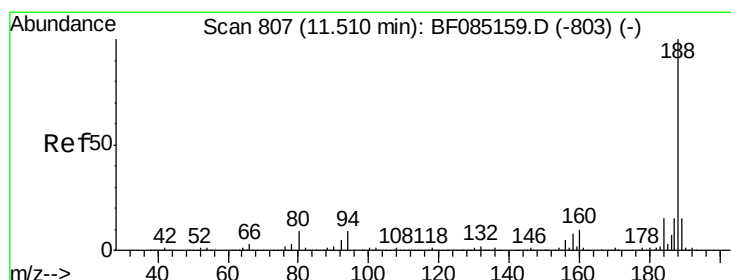
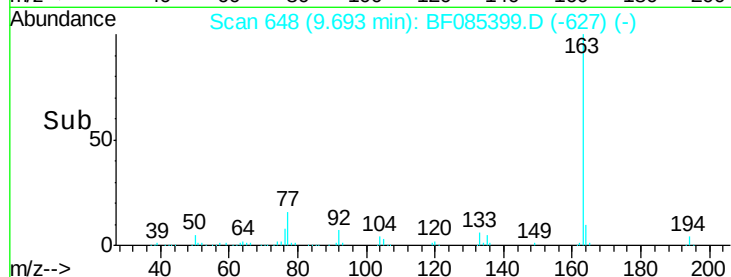
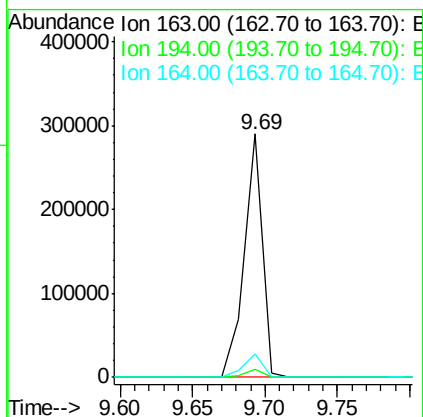
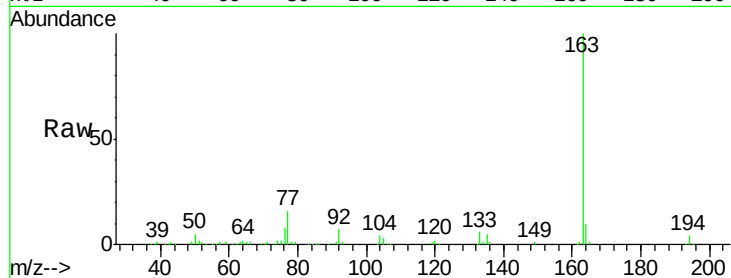
ClientSampleId :

W170TH-SB-21(0.5-3.0)

Tgt Ion:	163	Resp:	250852
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	9.6	8.2	12.4

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#63

Phenanthrene-d10

Concen: 20.00 ng

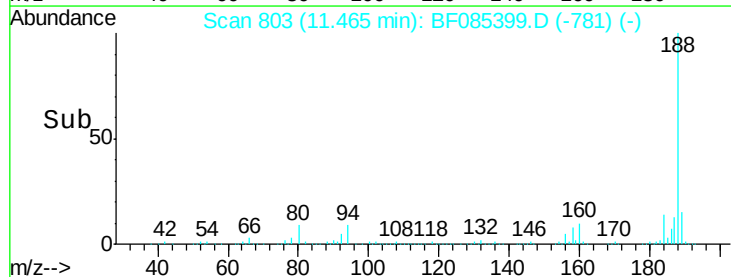
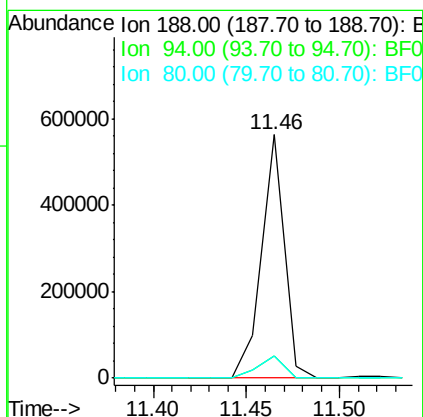
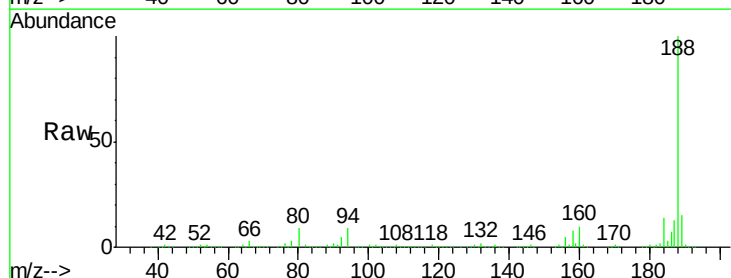
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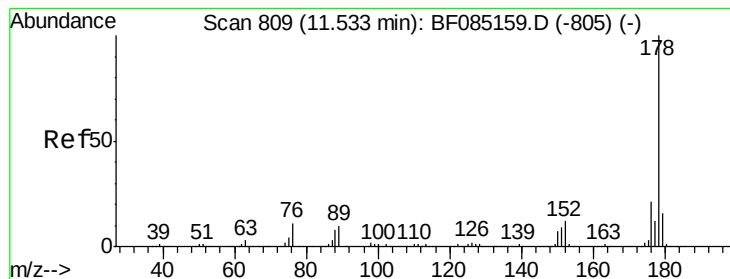
Delta R.T. -0.05 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

Tgt Ion:	188	Resp:	474935
Ion Ratio	Lower	Upper	
188	100		
94	9.0	7.0	10.6
80	9.1	7.4	11.0





#70

Phenanthrene

Concen: 2.52 ng

RT: 11.49 min Scan# 805

Delta R.T. -0.05 min

Lab File: BF085399.D

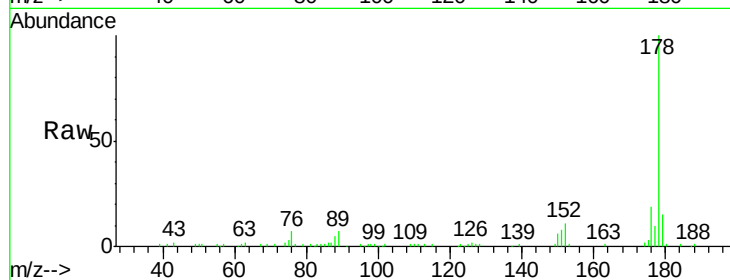
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Instrument :

BNA_F

ClientSampleId :

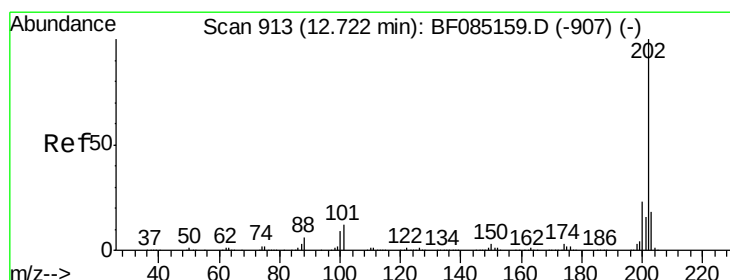
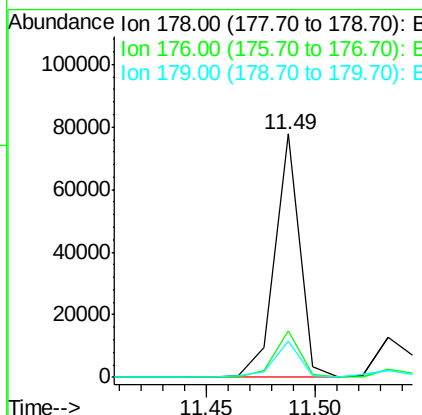
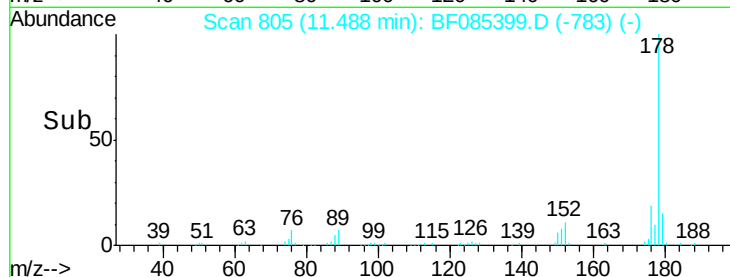
W170TH-SB-21(0.5-3.0)



Tgt Ion:	178	Resp:	62668
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.8	25.2
179	14.7	13.1	19.7

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#74

Fluoranthene

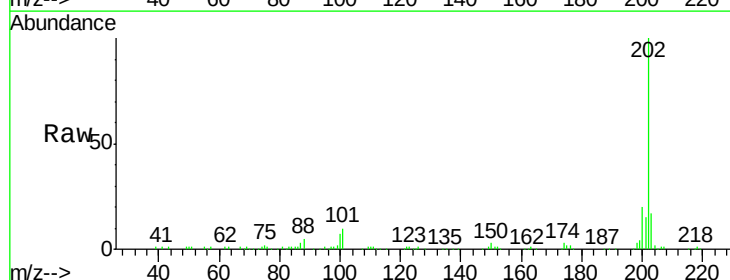
Concen: 4.49 ng

RT: 12.68 min Scan# 909

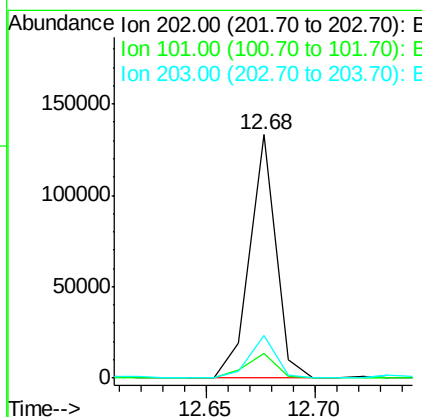
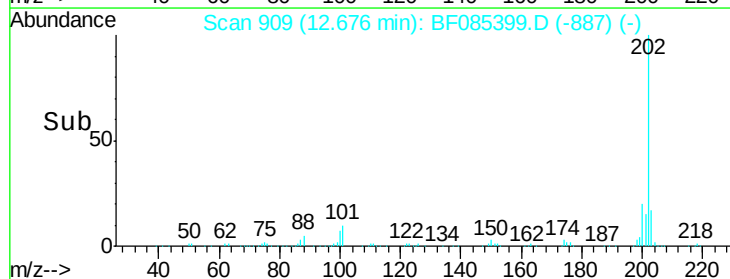
Delta R.T. -0.05 min

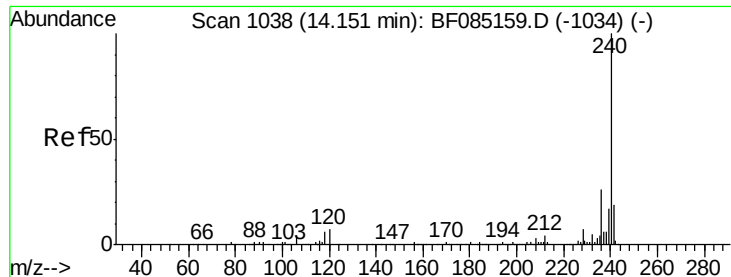
Lab File: BF085399.D

Acq: 12 Mar 2016 5:16



Tgt Ion:	202	Resp:	112085
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	31.8
203	17.3	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: BF085399.D

Acq: 12 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-21(0.5-3.0)

Tgt Ion: 240 Resp: 316897

Ion Ratio Lower Upper

240 100

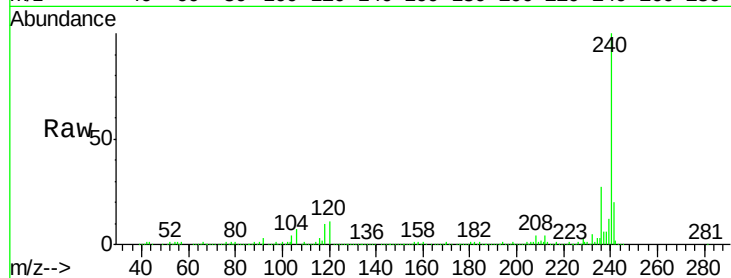
120 11.0 5.3 7.9#

236 26.7 20.7 31.1

Manual Integrations
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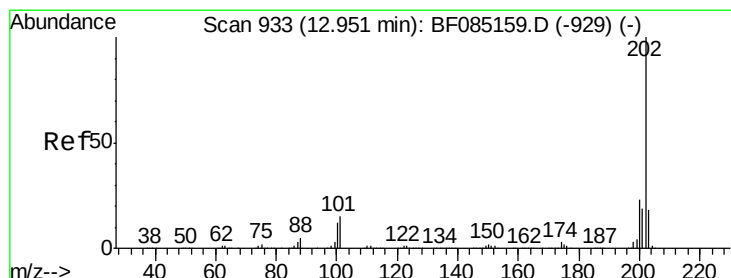
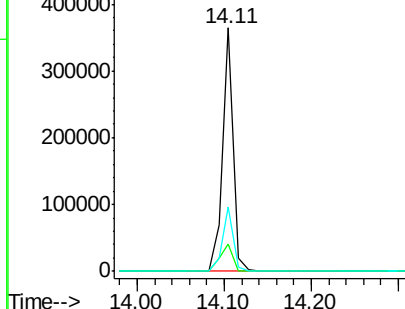
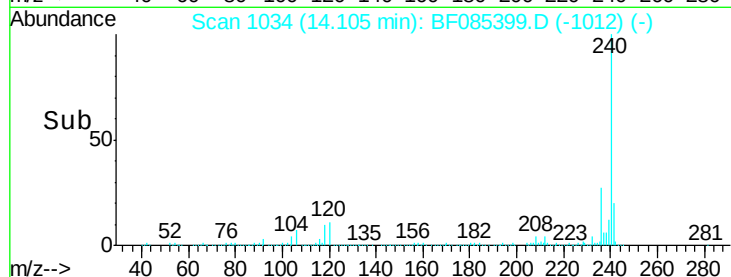
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.77 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

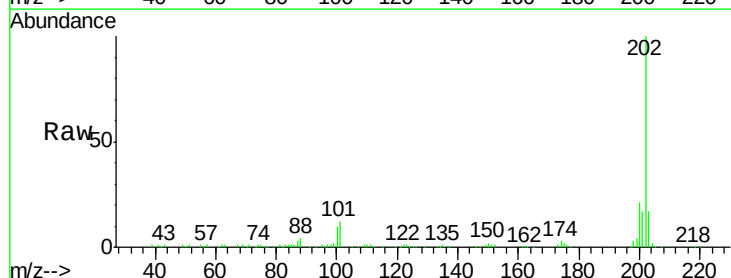
Tgt Ion: 202 Resp: 113693

Ion Ratio Lower Upper

202 100

200 20.8 18.2 27.4

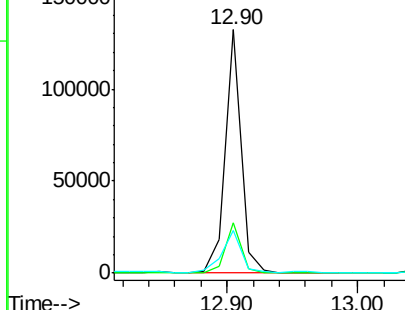
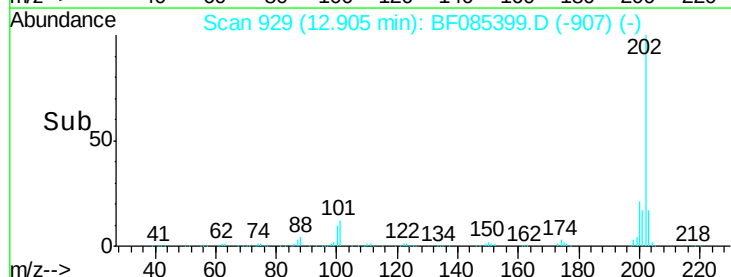
203 17.3 14.7 22.1

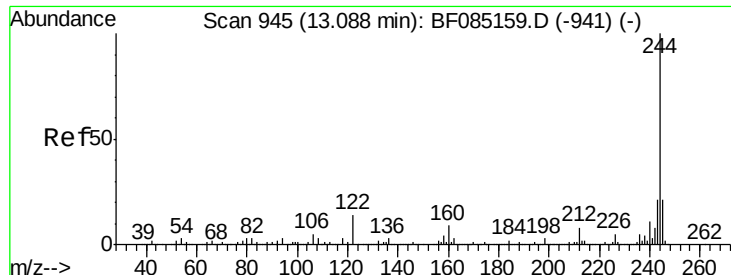


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





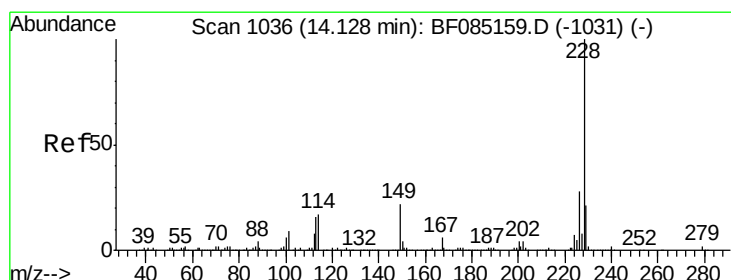
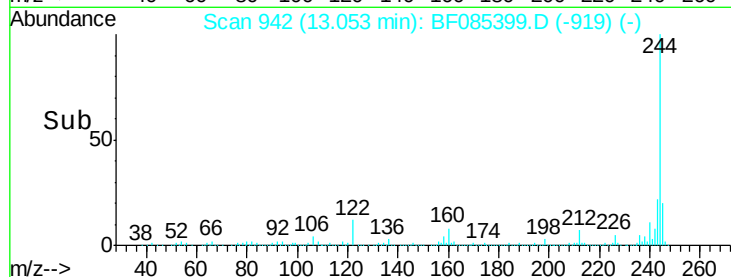
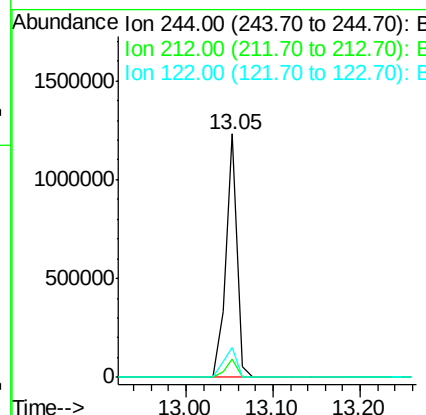
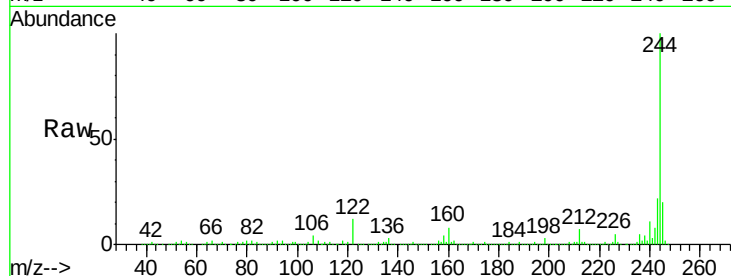
#78
 Terphenyl-d14
 Concen: 82.04 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-21(0.5-3.0)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.2	11.4	17.2

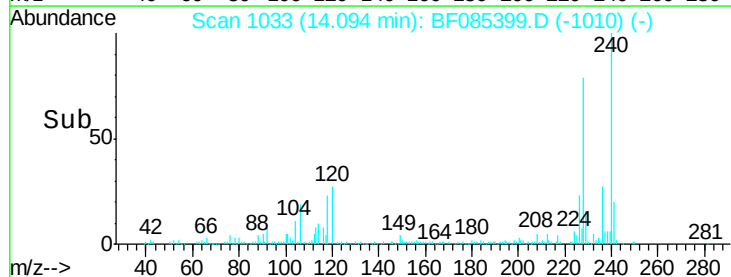
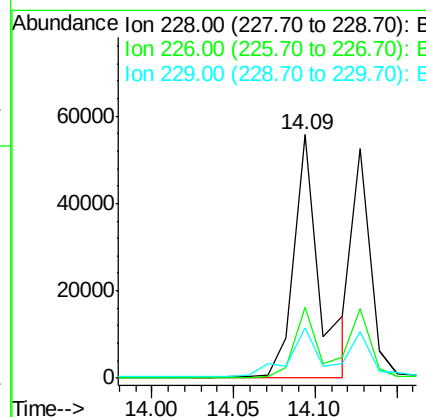
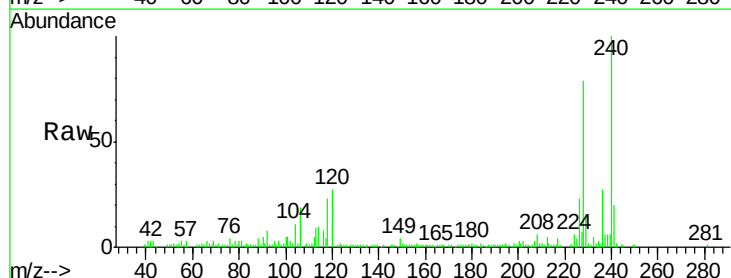
Manual Integrations
 APPROVED

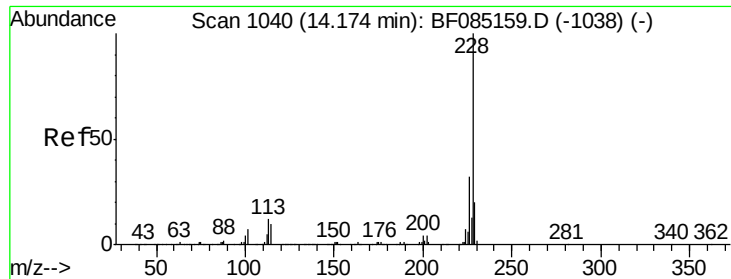
UMANGI
 3/14/2016 10:45:56 AM



#80
 Benzo(a)anthracene
 Concen: 3.25 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF085399.D
 Acq: 12 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.8	34.2
229	20.4	16.6	24.8





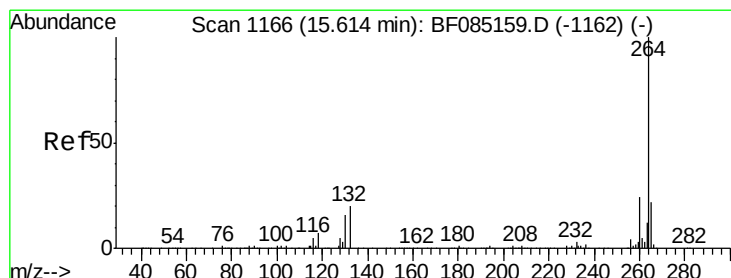
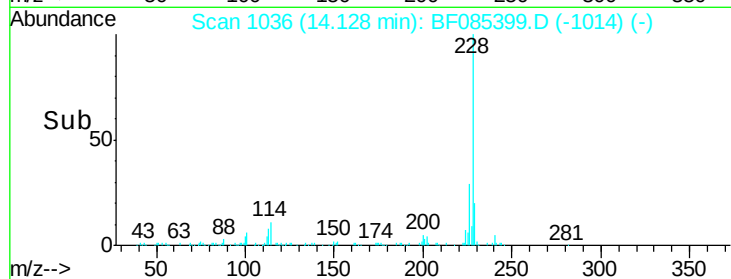
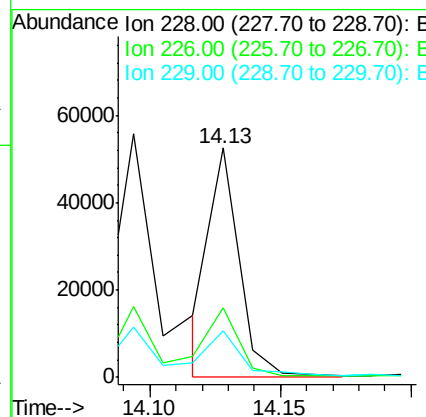
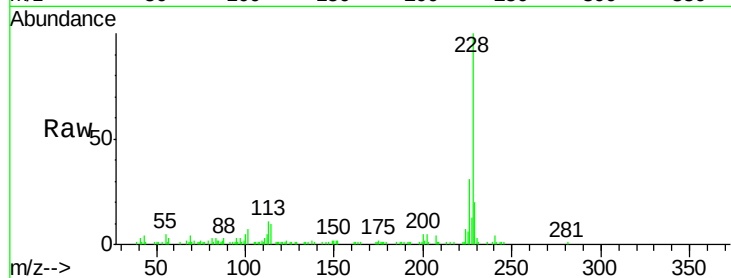
#82
Chrysene
Concen: 2.37 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF085399.D
Acq: 12 Mar 2016 5:16

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-21(0.5-3.0)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.2	37.8
229	20.5	16.0	24.0

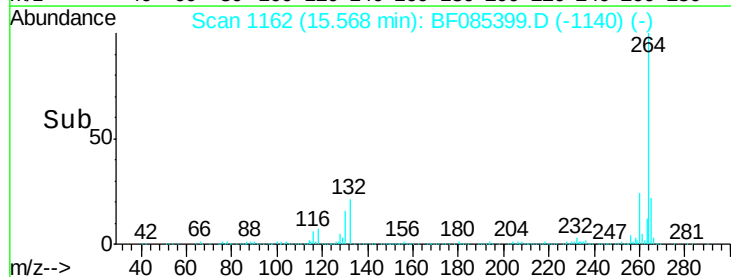
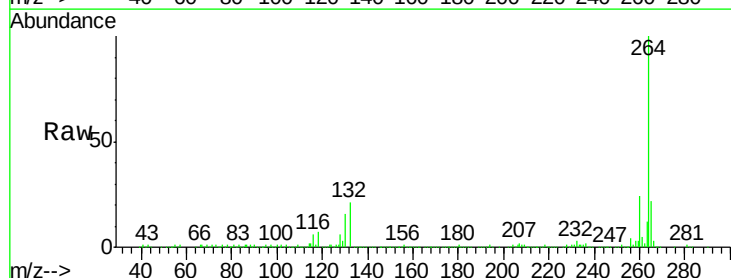
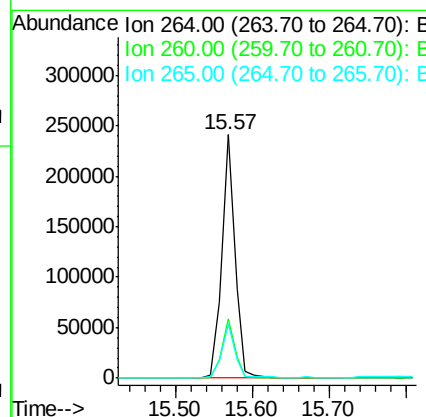
Manual Integrations
APPROVED

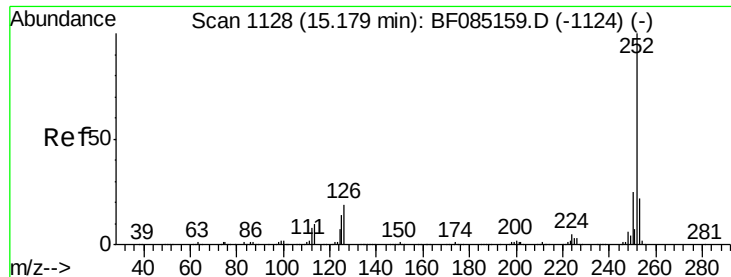
UMANGI
3/14/2016 10:45:56 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085399.D
Acq: 12 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 3.18 ng m

RT: 15.15 min Scan# 1125

Delta R.T. -0.03 min

Lab File: BF085399.D

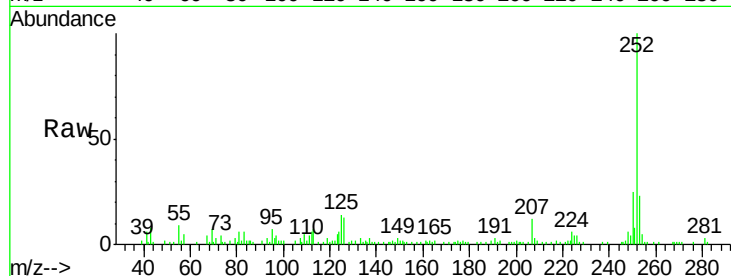
Acq: 12 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

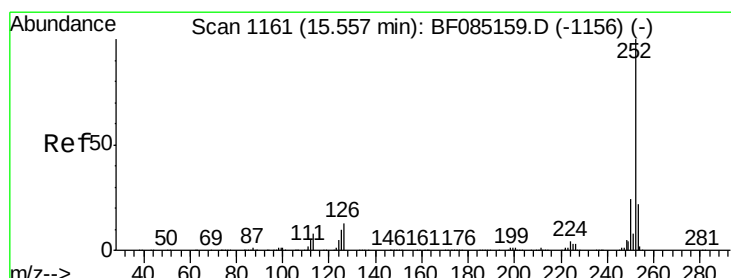
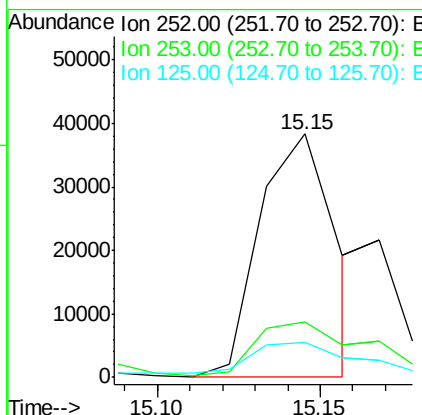
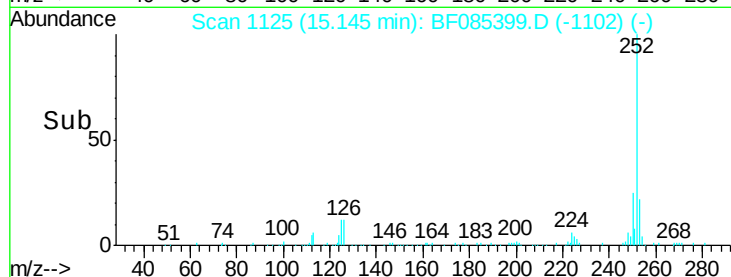
W170TH-SB-21(0.5-3.0)



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	14.5	11.3	16.9

Manual Integrations
APPROVED

UMANGI
3/14/2016 10:45:56 AM



#89

Benzo(a)pyrene

Concen: 2.70 ng

RT: 15.50 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF085399.D

Acq: 12 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	16.8	8.2	12.4#

