

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
 Data File : BF085774.D
 Acq On : 25 Mar 2016 21:14
 Operator : UM/SJ
 Sample : H1855-10
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Manual Integrations
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Sohil
 3/28/2016 7:58:54 PM

Quant Time: Mar 25 23:56:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	123693	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	444492	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	189762	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	293498	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	268611	20.00	ng	0.00
86) Perylene-d12	15.40	264	223851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	34761	4.68	ng	0.01
7) Phenol-d6	6.46	99	46608	4.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	25528	3.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	5773	3.20	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	41086	3.62	ng	0.00
78) Terphenyl-d14	12.93	244	29957	2.29	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	143815	9.99	ng	100
74) Fluoranthene	12.55	202	69377	4.33	ng	96
77) Pyrene	12.78	202	65050	2.95	ng	99
87) Benzo(b)fluoranthene	15.00	252	38523m	2.73	ng	

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

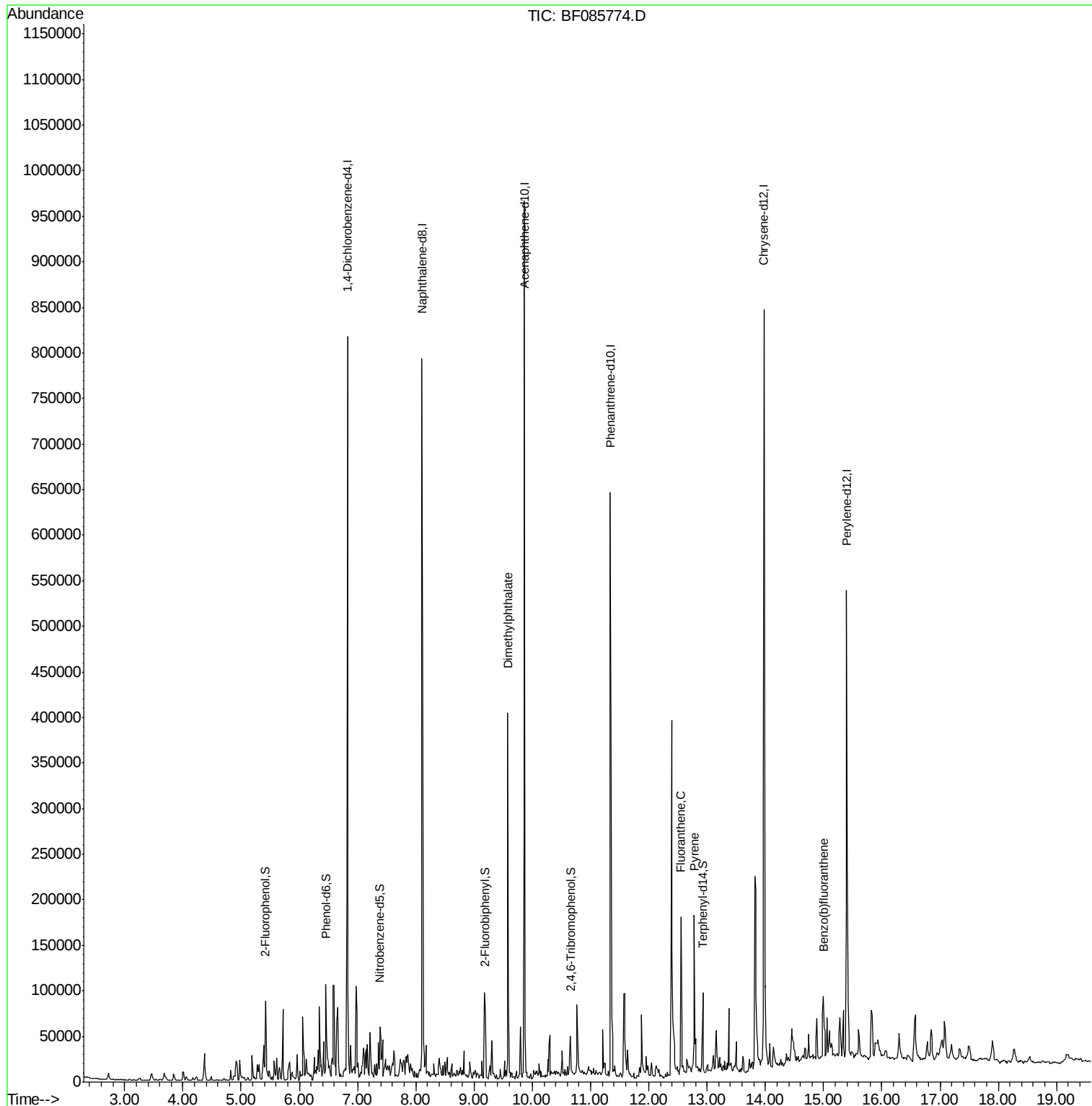
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032516\
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#1

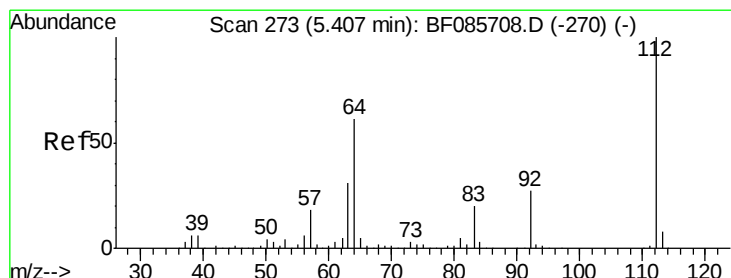
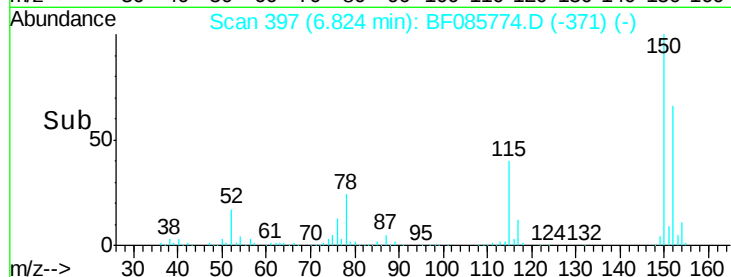
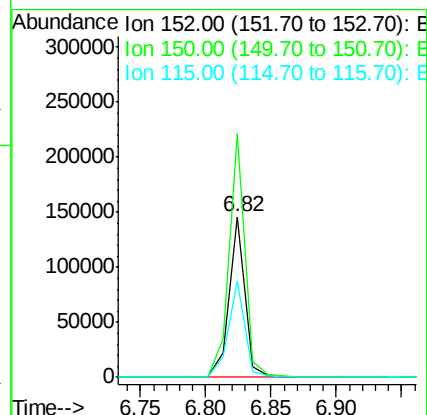
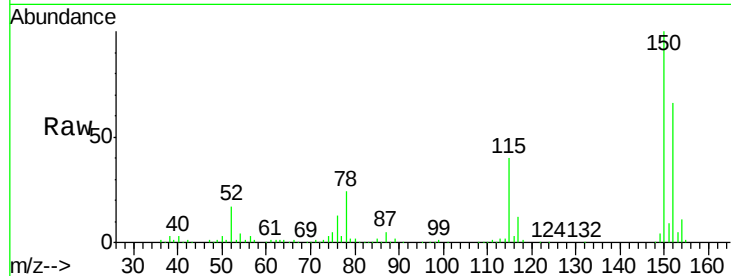
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-6A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.2
115	60.1	47.0	70.6

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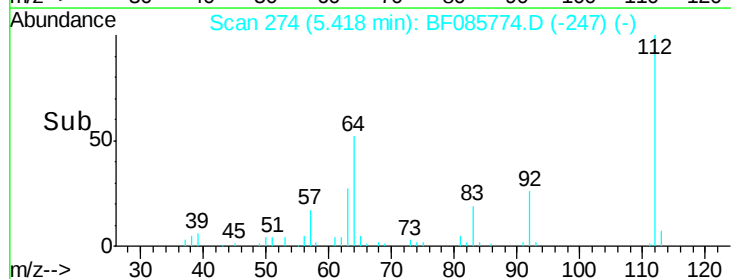
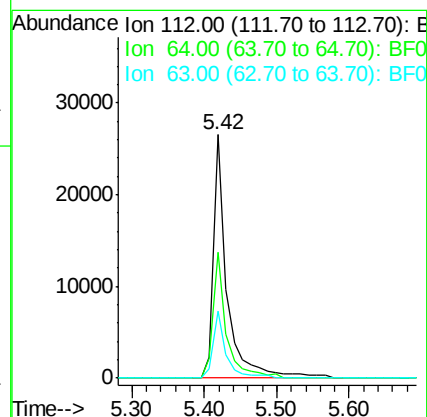
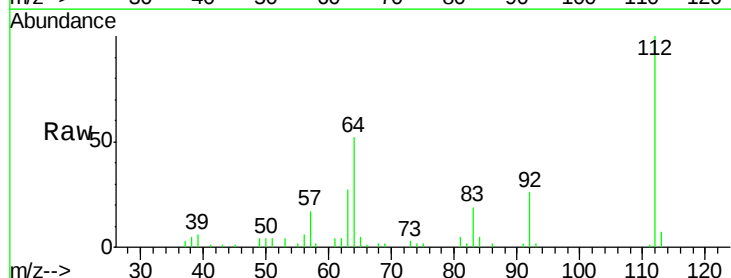
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#5

2-Fluorophenol
Concen: 4.68 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.9	59.9
63	27.3	20.2	30.2





#7

Phenol-d6

Concen: 4.94 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

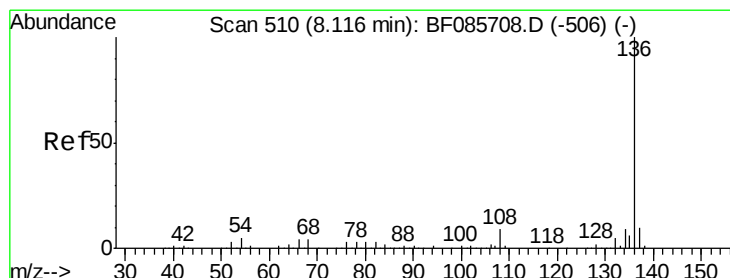
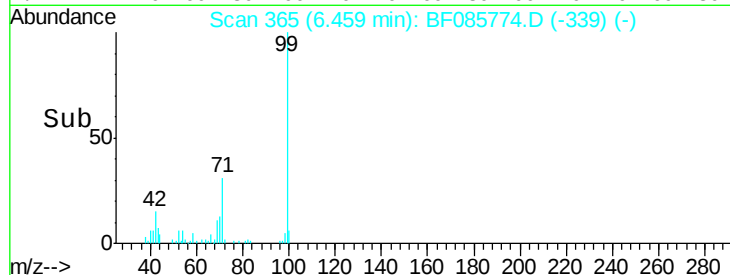
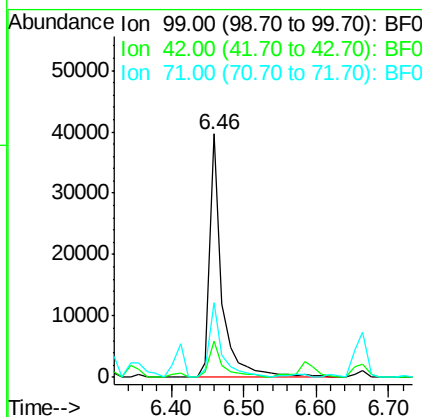
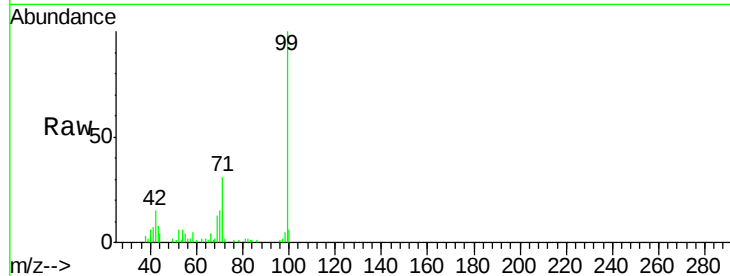
ClientSampled :

SB-6A

Tot Ion:	99	Resp:	46608
Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.1	16.7
71	30.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.00 ng

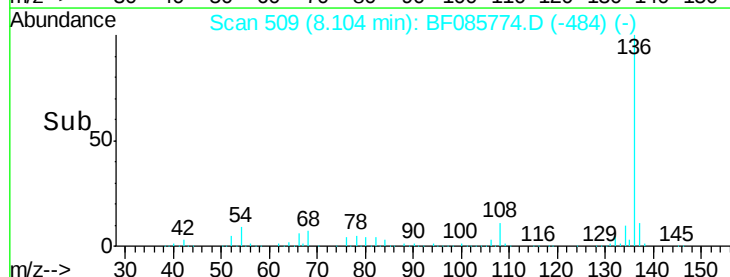
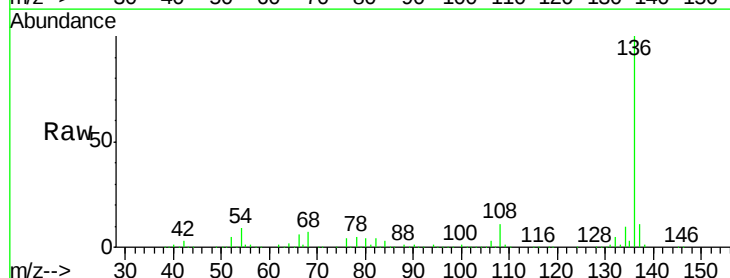
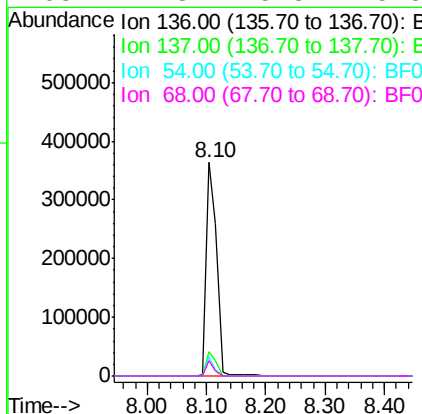
RT: 8.10 min Scan# 509

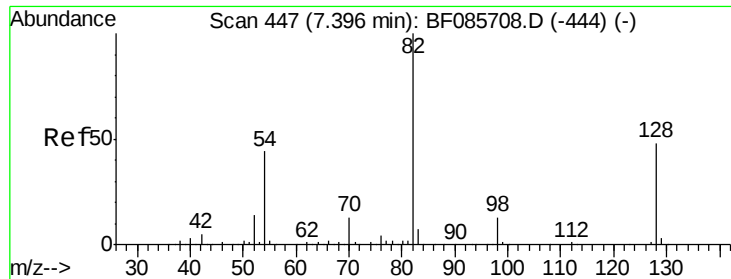
Delta R.T. -0.01 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Tgt Ion:	136	Resp:	444492
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.4	11.0
68	7.3	5.8	8.8





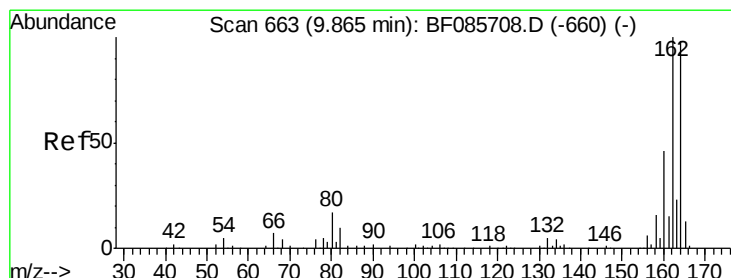
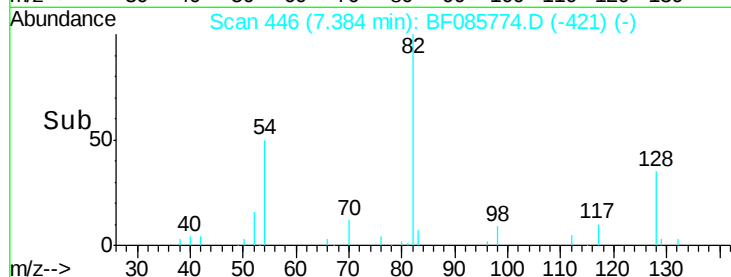
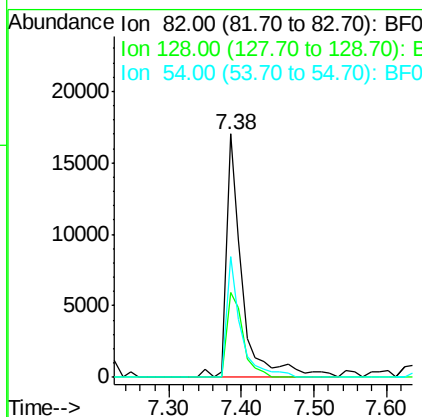
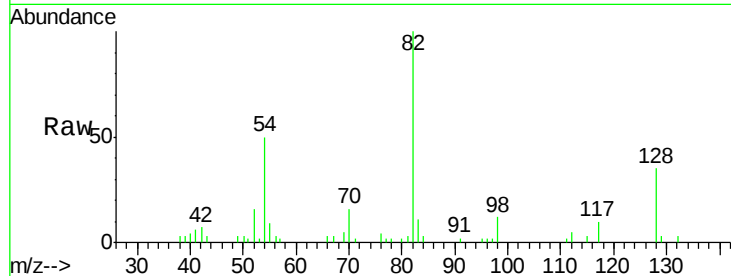
#23
 Nitrobenzene-d5
 Concen: 3.23 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Tot Ion	82	Resp	25528
Ion Ratio	100	Lower	Upper
82	100		
128	34.8	41.8	62.8#
54	49.6	33.4	50.0

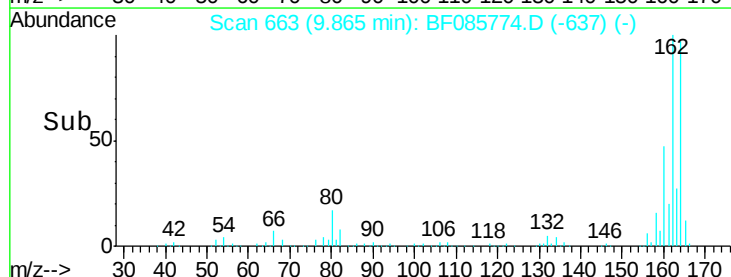
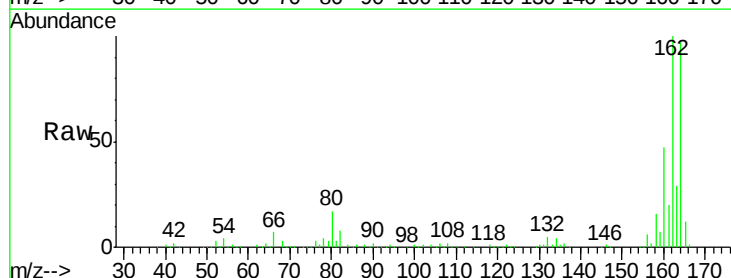
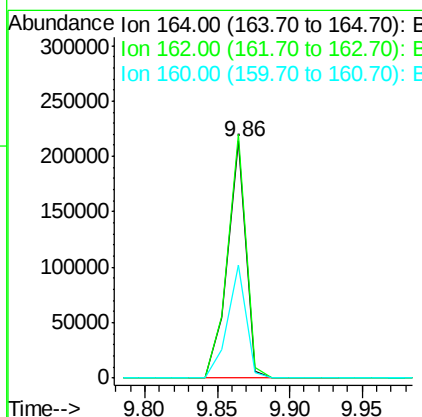
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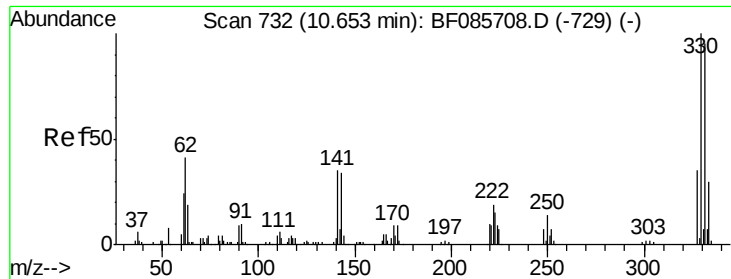
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Tgt Ion	164	Resp	189762
Ion Ratio	100	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.9	37.4	56.2





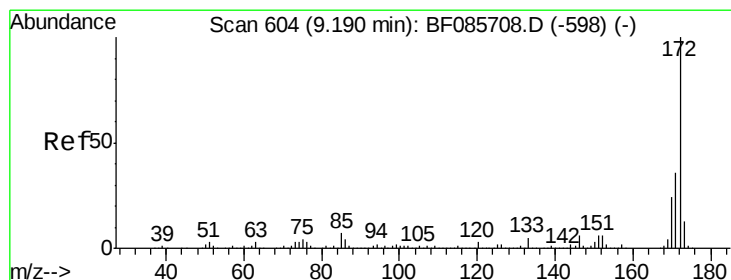
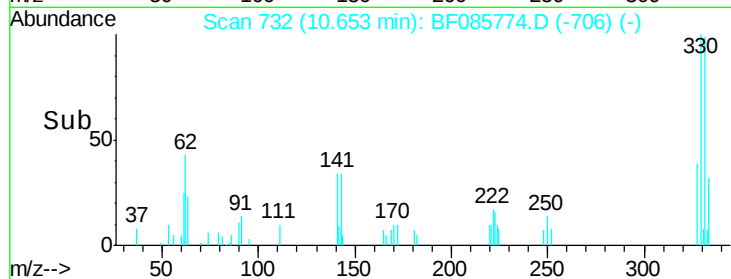
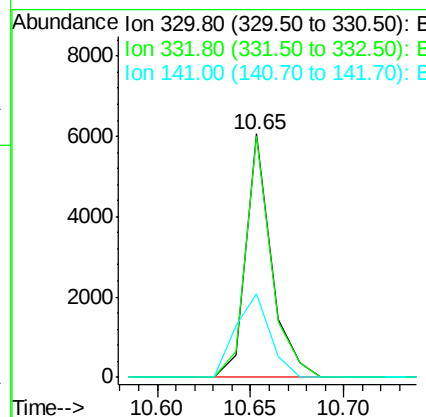
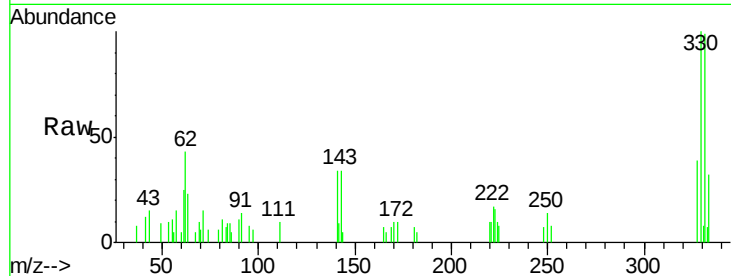
#41
 2,4,6-Tribromophenol
 Concen: 3.20 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	78.2	117.2
141	46.4	31.5	47.3

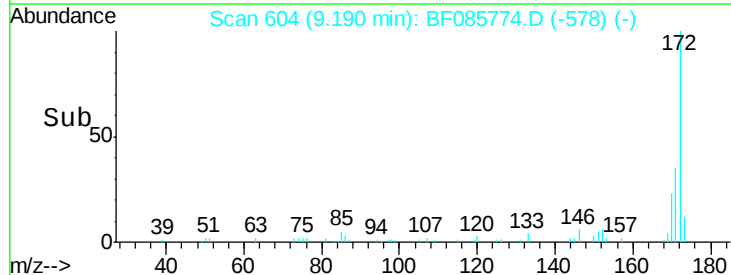
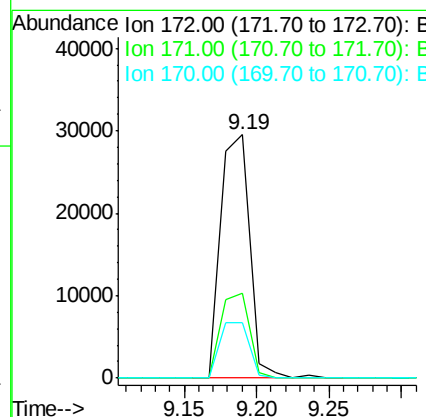
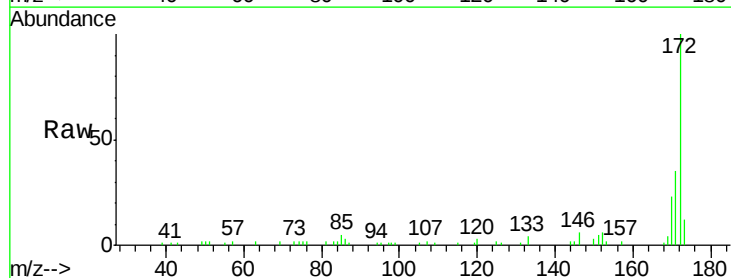
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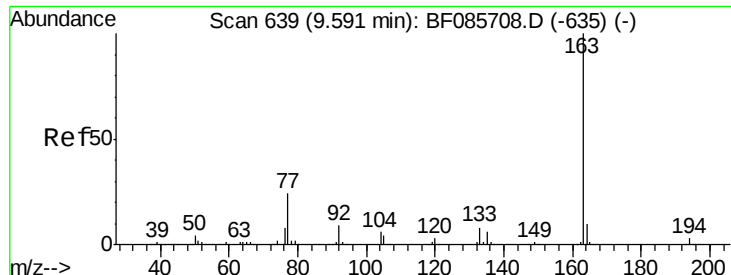
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#44
 2-Fluorobiphenyl
 Concen: 3.62 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085774.D
 Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.2
170	23.0	19.8	29.6





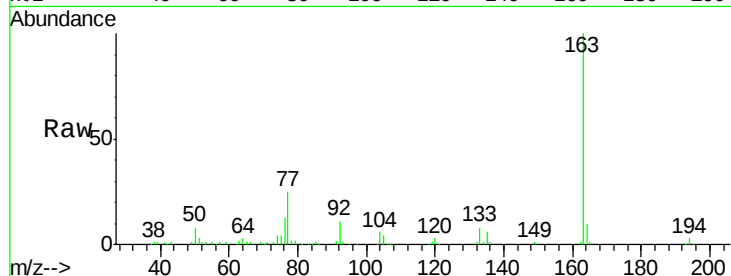
#49
Dimethylphthalate
Concen: 9.99 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-6A

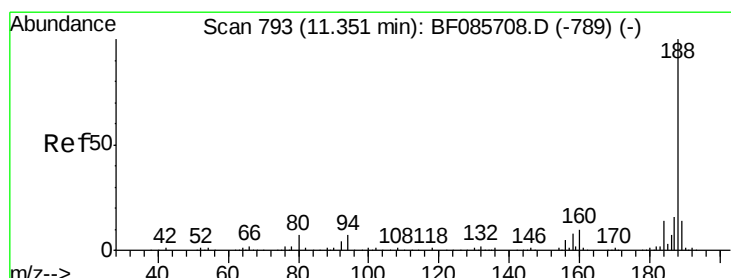
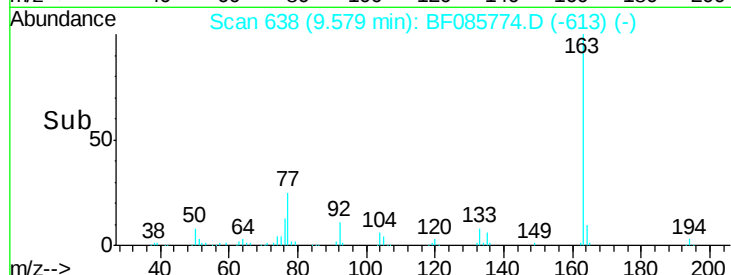
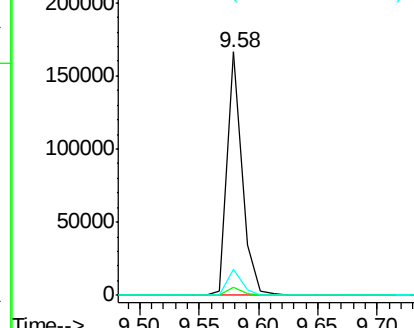
Tot Ion	Ratio	Resp	Lower	Upper
163	100	143815		
194	3.1	2.9	4.3	
164	10.4	8.3	12.5	

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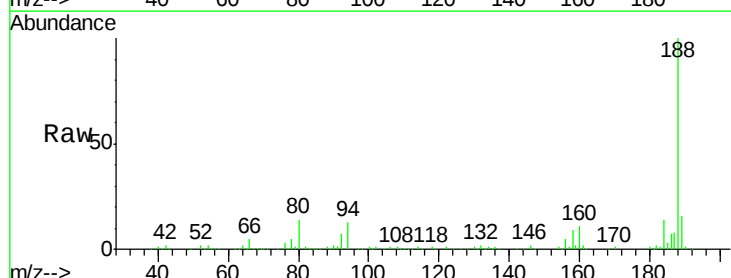


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

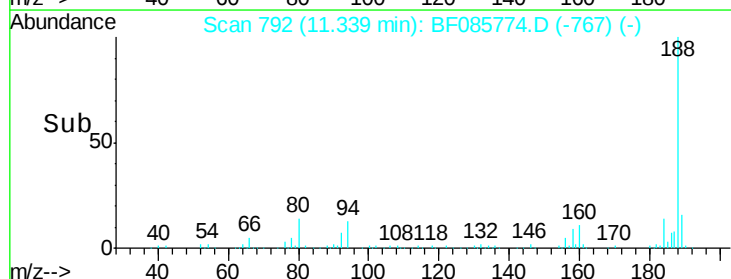
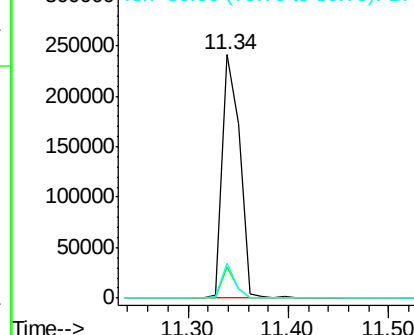


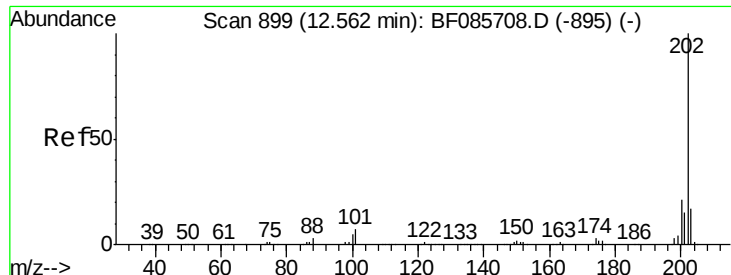
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	293498		
94	13.0	5.4	8.0#	
80	14.2	5.5	8.3#	



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





#74

Fluoranthene

Concen: 4.33 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

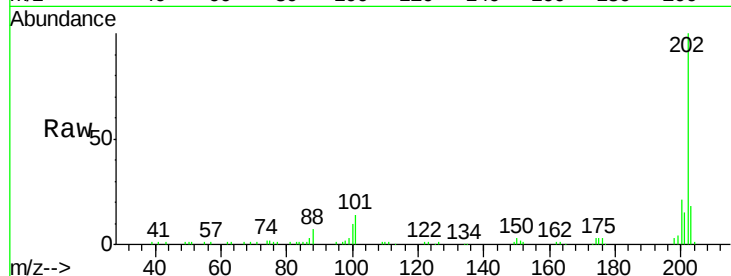
ClientSampled :

SB-6A

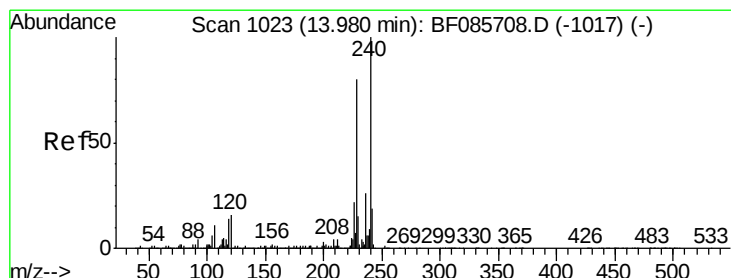
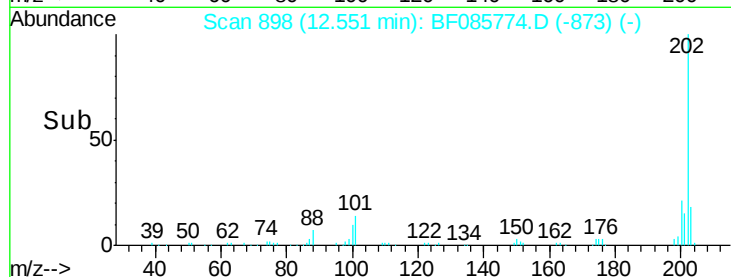
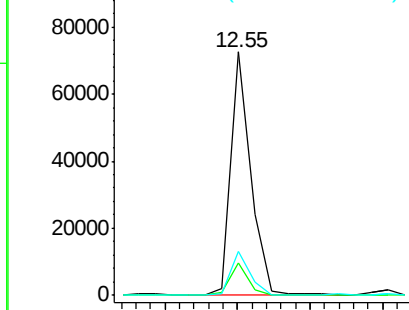
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.5	0.0	36.6
203	17.9	0.0	38.1

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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

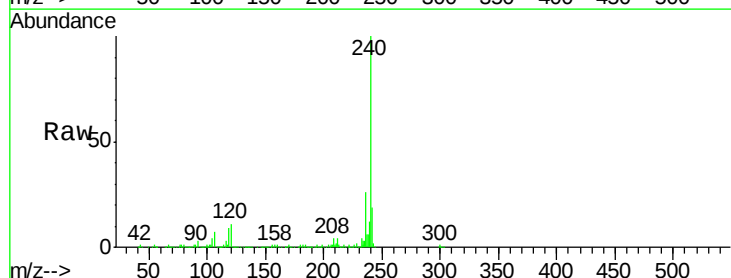
RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

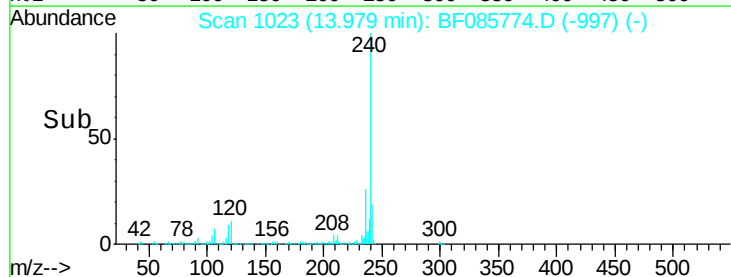
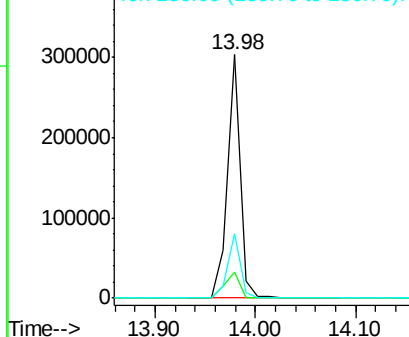
Lab File: BF085774.D

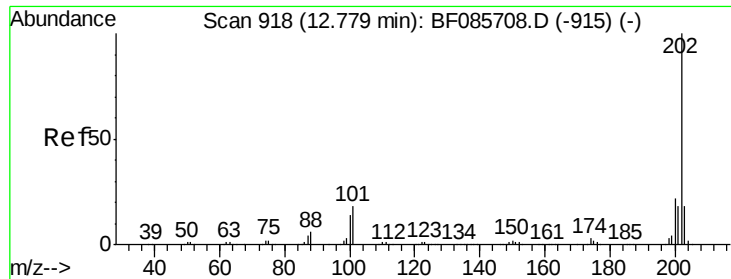
Acq: 25 Mar 2016 21:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	13.8	20.8#
236	26.4	20.6	30.8



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

Pvrene

Concen: 2.95 ng

RT: 12.78 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Instrument :

BNA_F

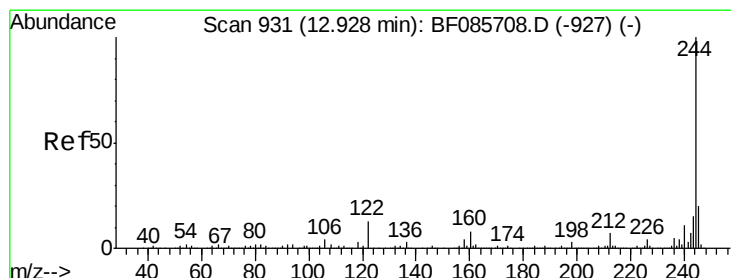
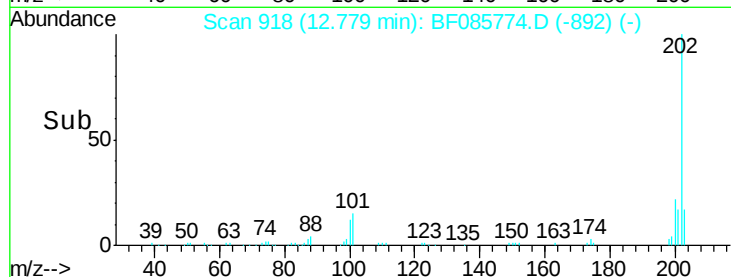
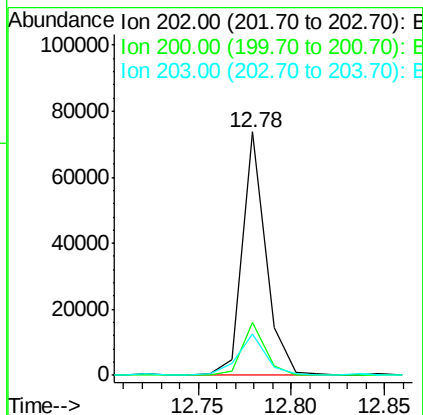
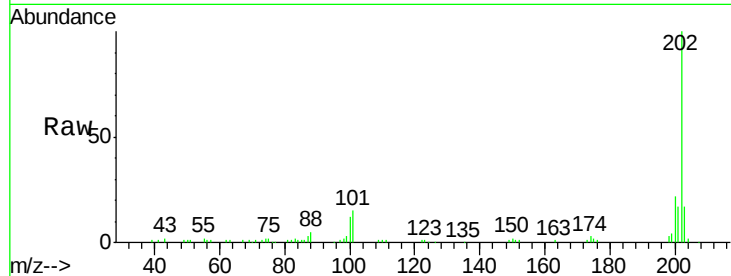
ClientSampleId :

SB-6A

Tot Ion:	202	Resp:	65050
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.0	14.0	21.0

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#78

Terphenyl-d14

Concen: 2.29 ng

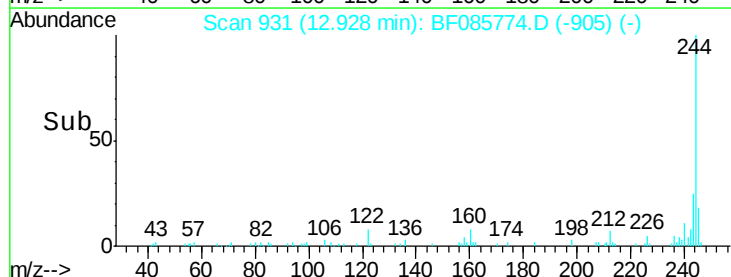
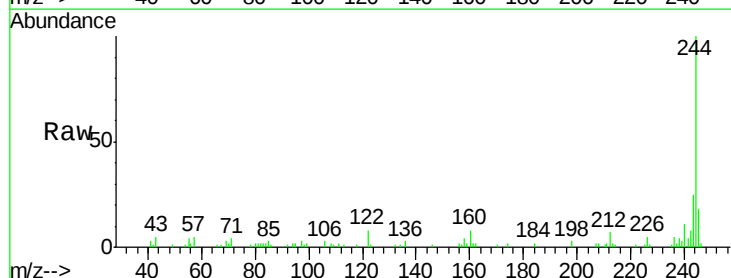
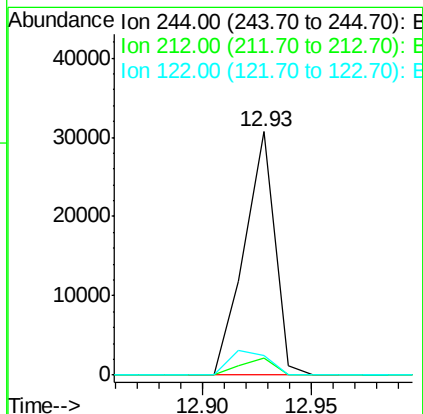
RT: 12.93 min Scan# 931

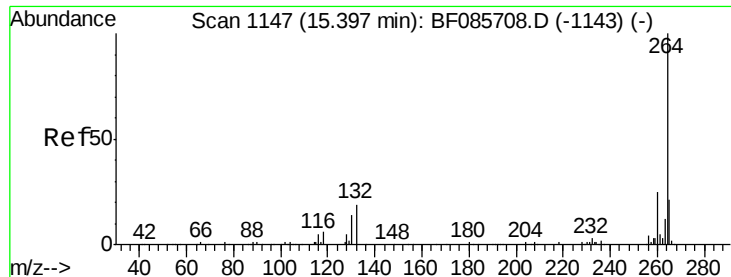
Delta R.T. -0.00 min

Lab File: BF085774.D

Acq: 25 Mar 2016 21:14

Tgt Ion:	244	Resp:	29957
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.1	9.1
122	8.2	10.2	15.4#





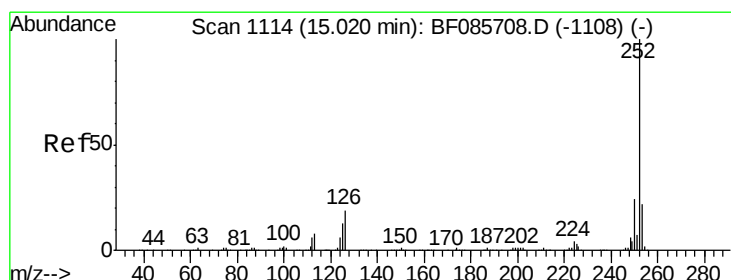
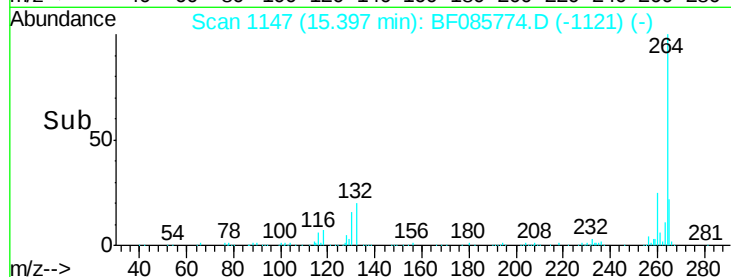
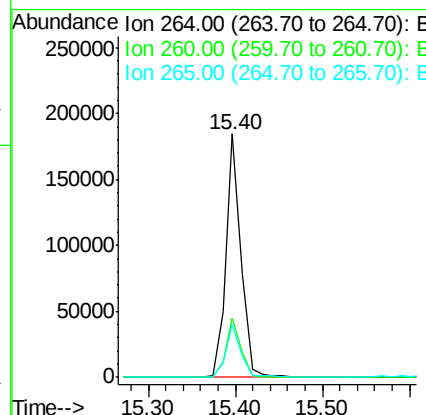
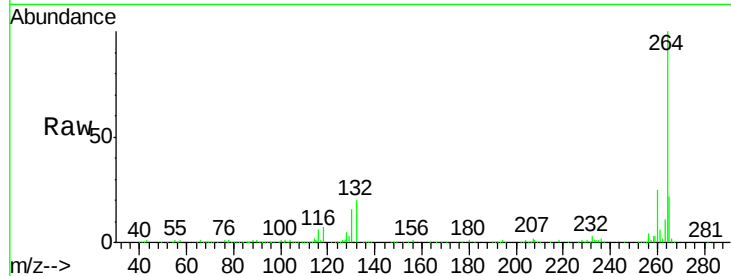
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Instrument :
BNA_F
ClientSampleId :
SB-6A

Tot Ion:	264	Resp:	223851
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.6	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/28/2016 7:58:54 PM



#87
Benzo(b)fluoranthene
Concen: 2.73 ng m
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085774.D
Acq: 25 Mar 2016 21:14

Tgt Ion:	252	Resp:	38523
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	11.6	10.3	15.5

