

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075598.D
 Acq On : 16 Nov 2014 23:57
 Operator : TP / JJ
 Sample : F4738-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Manual Integrations
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Quant Time: Nov 17 07:46:12 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	26072	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	108700	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	55111	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	97606	20.00	ng	0.00
75) Chrysene-d12	16.46	240	103533	20.00	ng	-0.01
86) Perylene-d12	18.20	264	100472	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	90141	61.08	ng	0.00
7) Phenol-d6	7.10	99	106051	59.76	ng	-0.01
23) Nitrobenzene-d5	8.24	82	64234	43.32	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	29093	63.03	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	116833	38.31	ng	0.00
78) Terphenyl-d14	15.16	244	117104	30.45	ng	0.00
Target Compounds						
74) Fluoranthene	14.68	202	11514	2.09	ng	Qvalue 91
79) Butylbenzylphthalate	15.76	149	7582	2.24	ng	# 66
83) Bis(2-ethylhexyl)phthalate	16.48	149	80903	15.19	ng	# 99
87) Benzo(b)fluoranthene	17.73	252	11298m	2.10	ng	

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

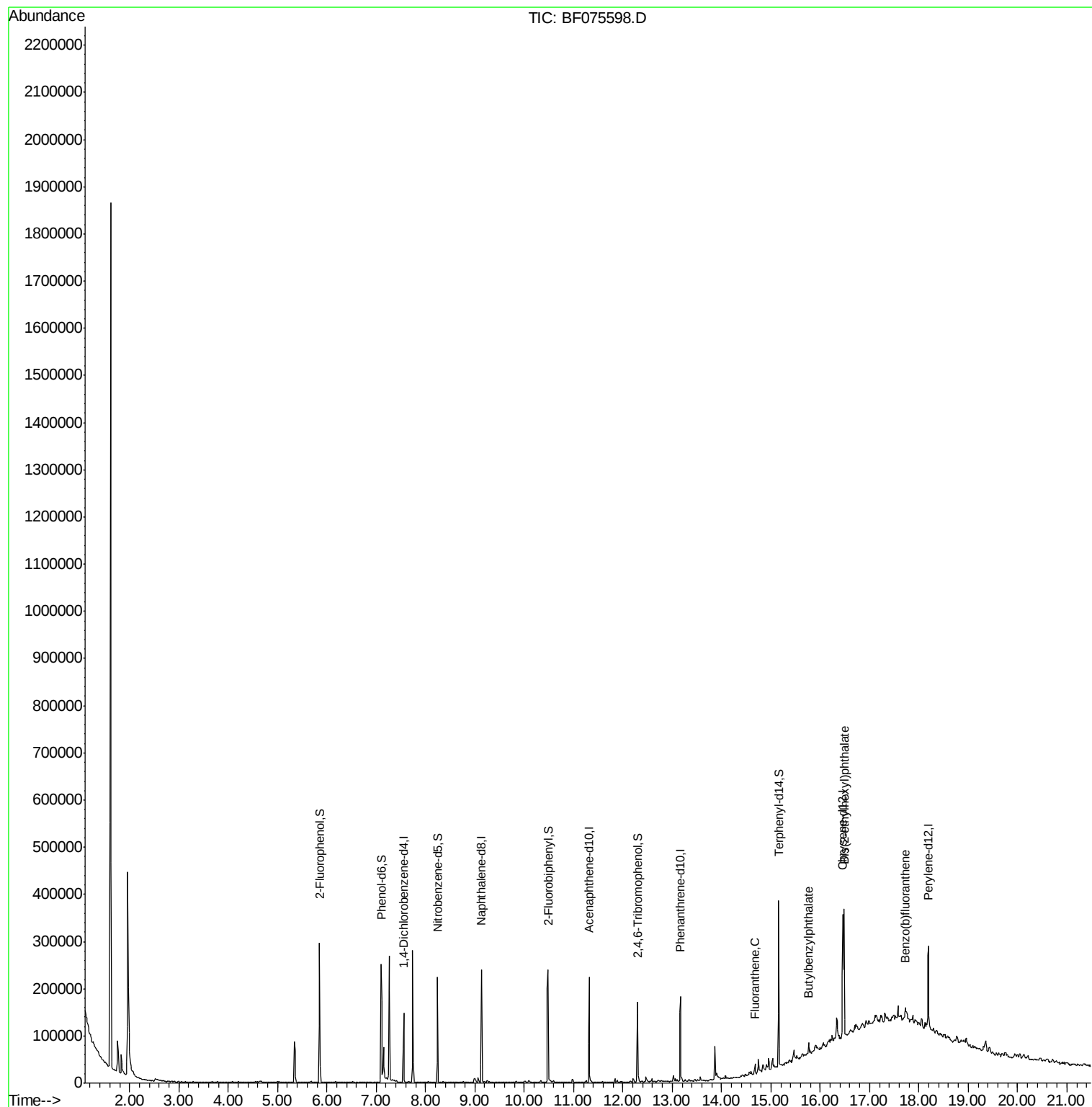
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075598.D
Acq On : 16 Nov 2014 23:57
Operator : TP / JJ
Sample : F4738-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

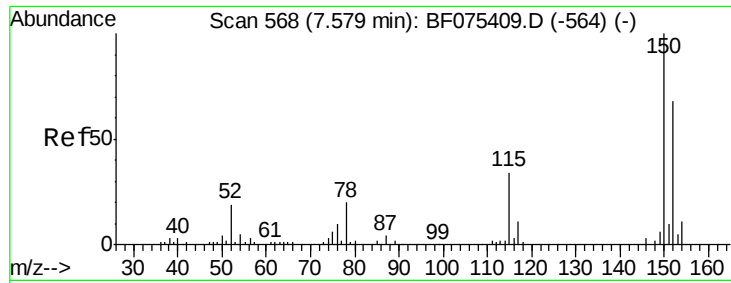
Instrument :
BNA_F
ClientSampleId :
S-3

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Quant Time: Nov 17 07:46:12 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration





#1

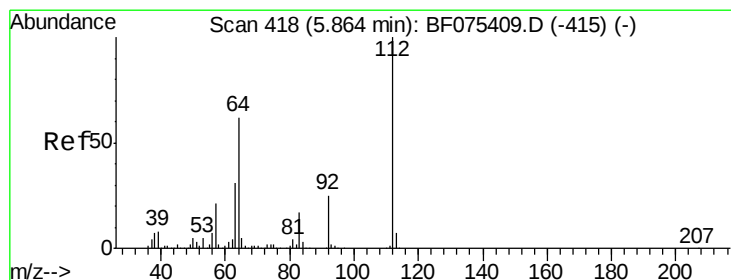
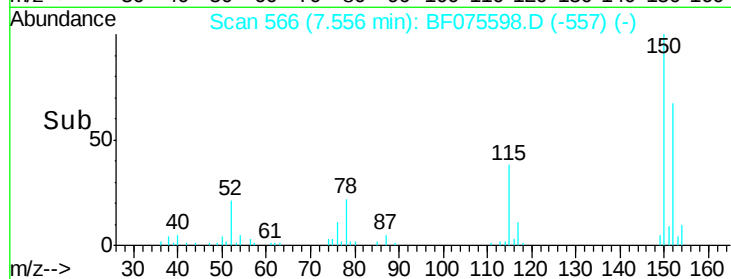
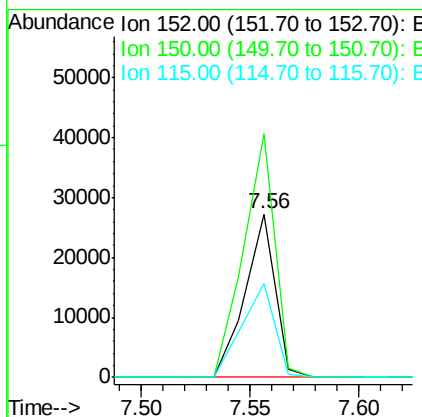
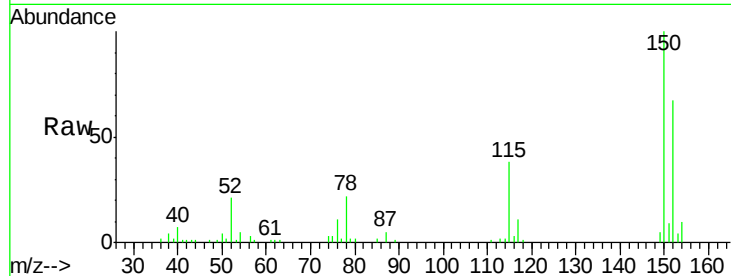
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampled :
S-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	127.2	190.8
115	57.3	57.1	85.7

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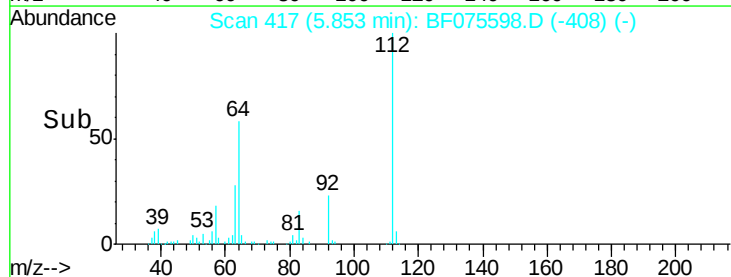
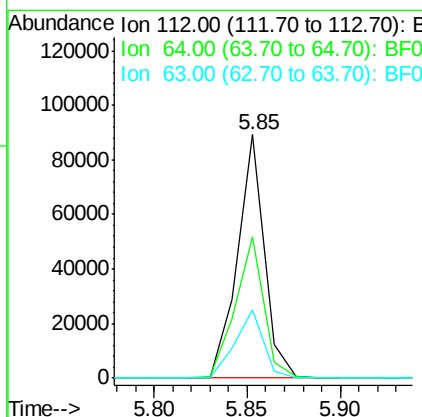
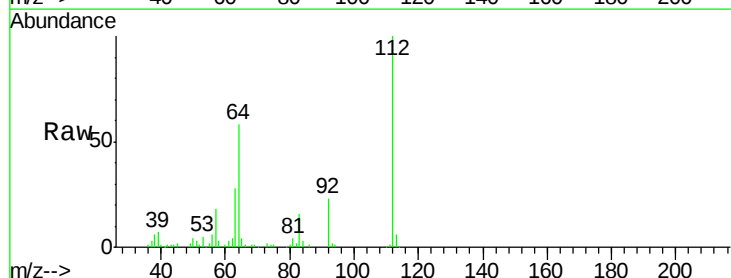
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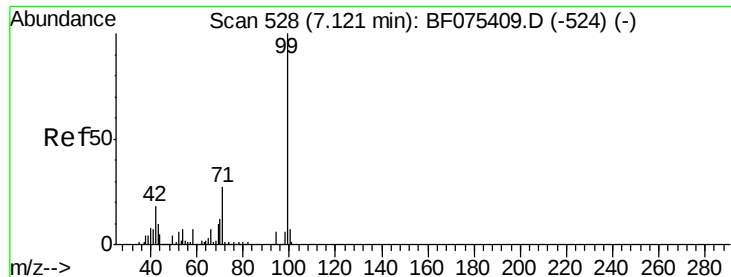


#5

2-Fluorophenol
Concen: 61.08 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.8	68.6
63	28.1	22.7	34.1





#7

Phenol-d6

Concen: 59.76 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

Instrument :

BNA_F

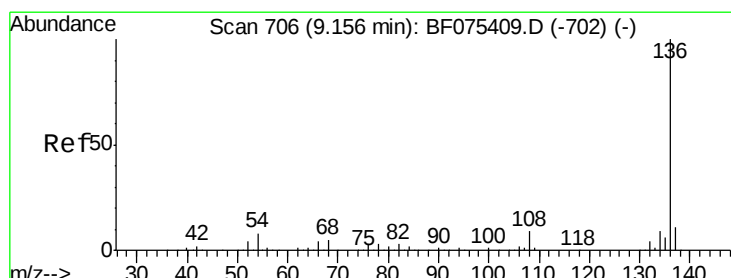
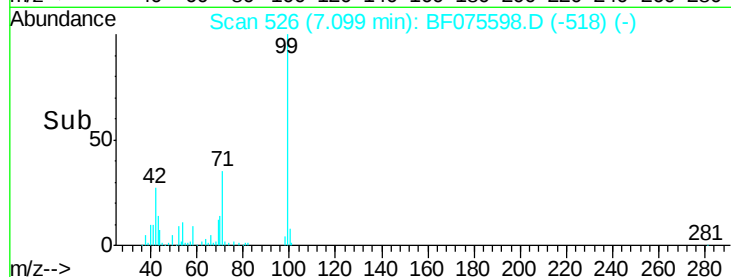
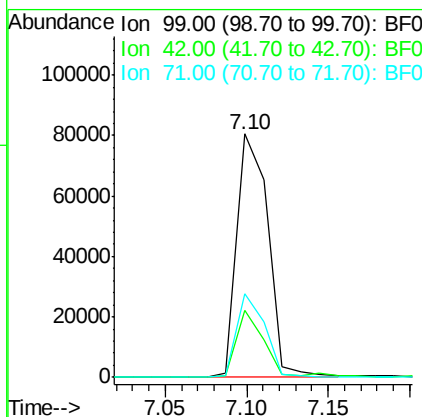
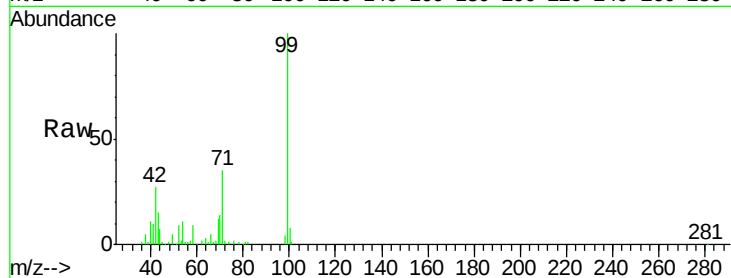
ClientSampled :

S-3

Tot Ion:	99	Resp:	106051
Ion Ratio	Lower	Upper	
99	100		
42	27.3	19.8	29.6
71	34.6	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.00 ng

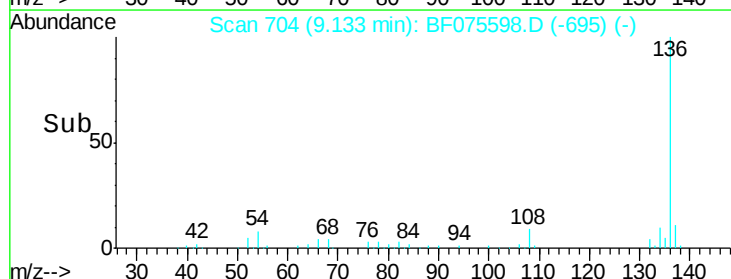
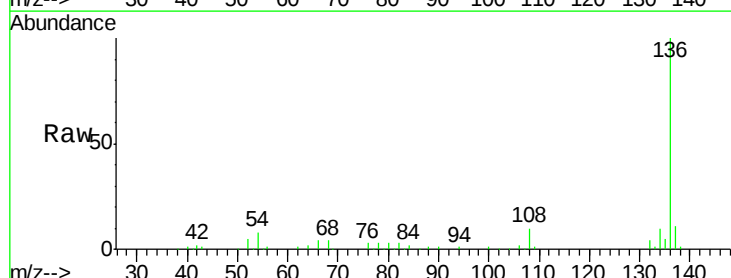
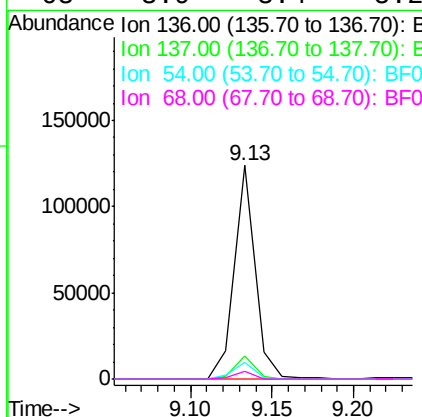
RT: 9.13 min Scan# 704

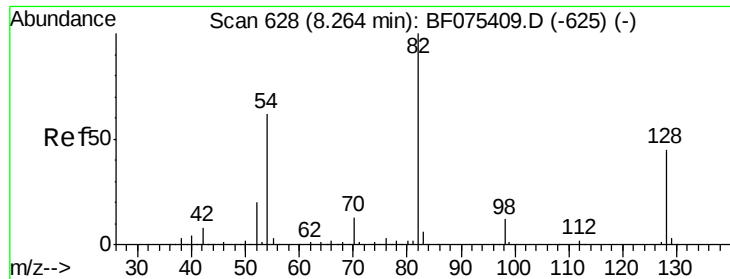
Delta R.T. 0.00 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

Tgt Ion:	136	Resp:	108700
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.4
54	8.1	6.2	9.4
68	3.9	3.4	5.2





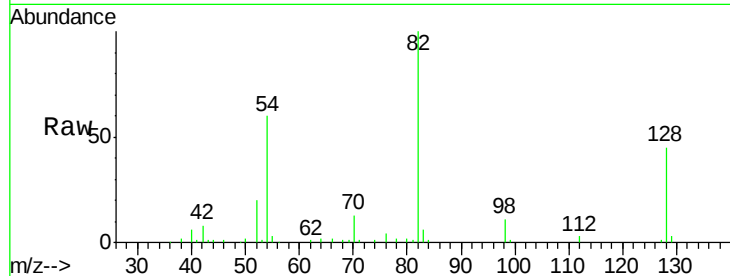
#23
Nitrobenzene-d5
Concen: 43.32 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampled :
S-3

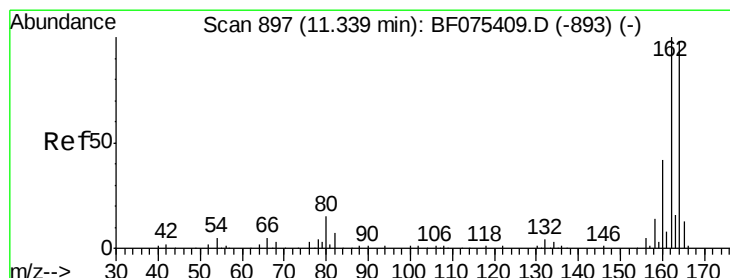
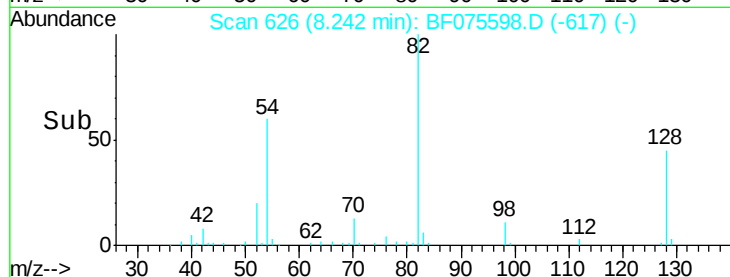
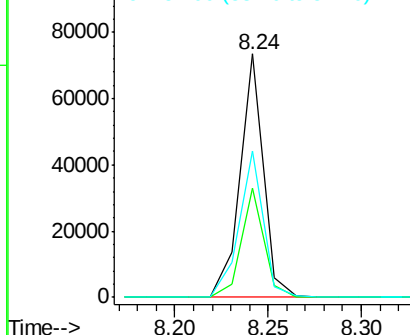
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.8	56.6
54	60.1	49.8	74.8

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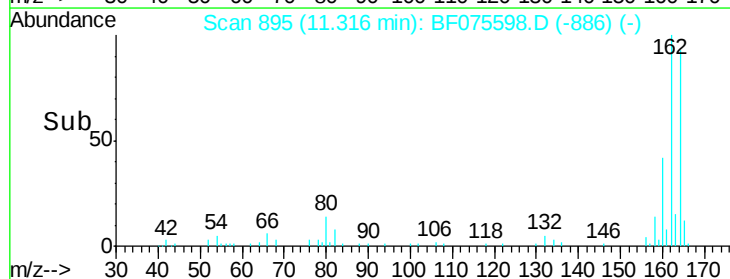
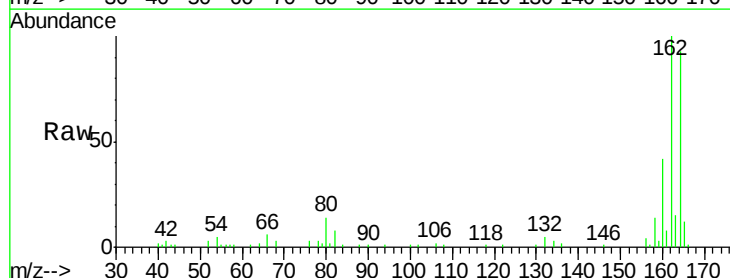
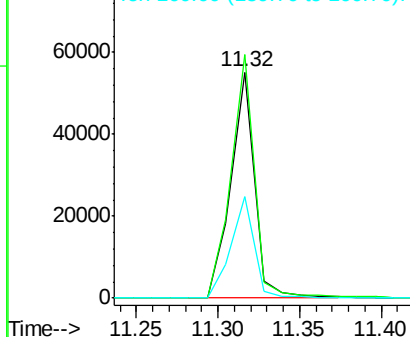
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Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

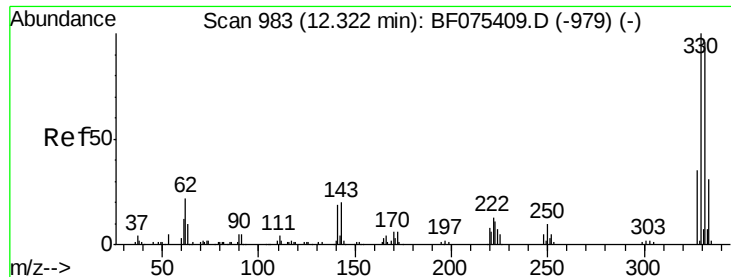


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	79.1	118.7
160	45.0	34.6	51.8

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





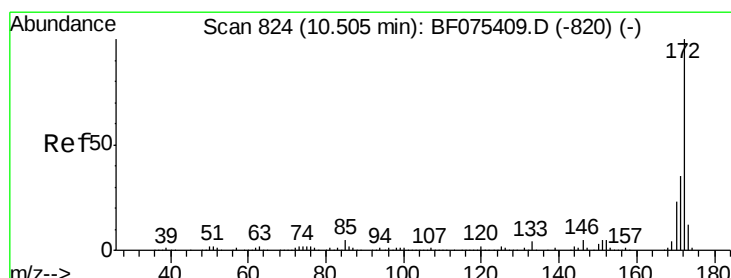
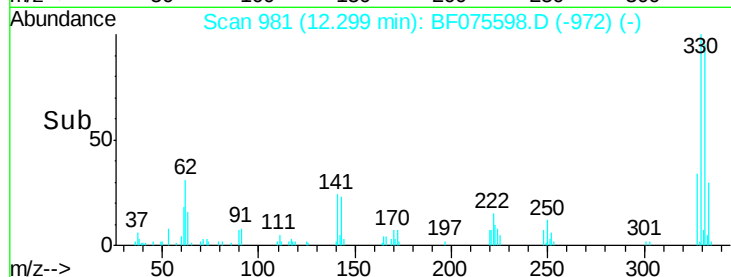
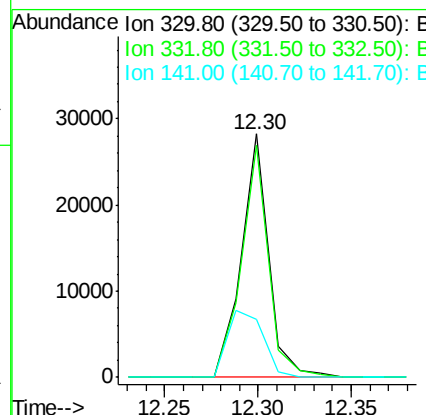
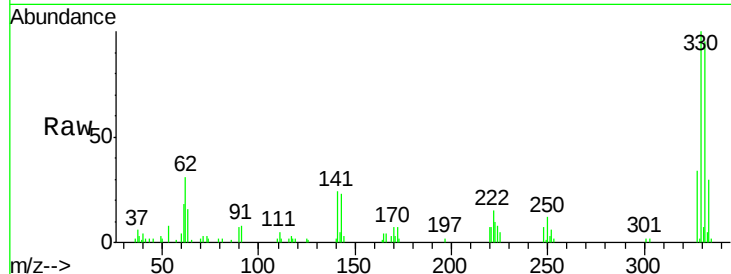
#41
 2,4,6-Tribromophenol
 Concen: 63.03 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	74.5	111.7
141	35.7	30.7	46.1

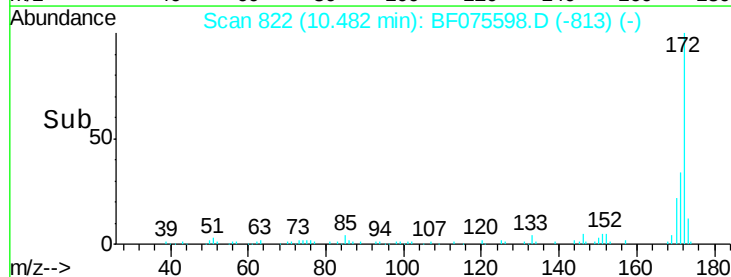
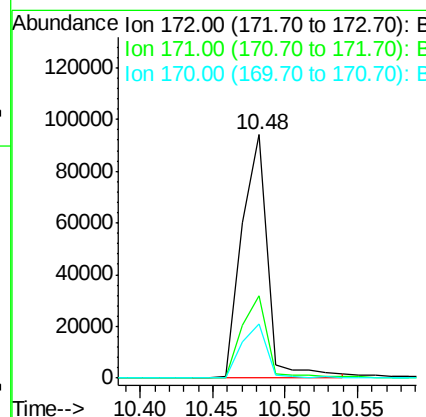
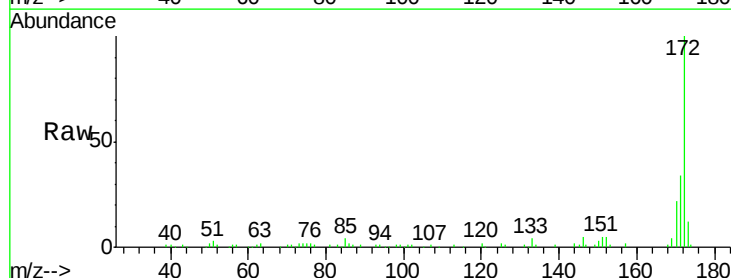
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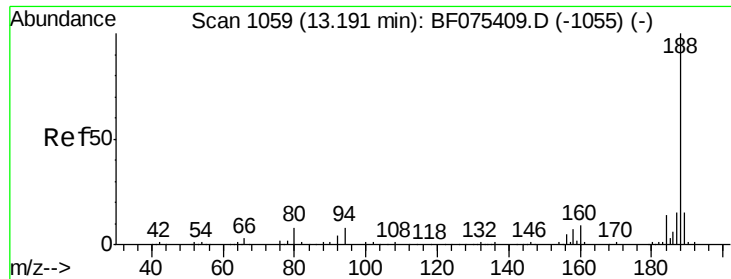
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#44
 2-Fluorobiphenyl
 Concen: 38.31 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	22.4	18.4	27.6





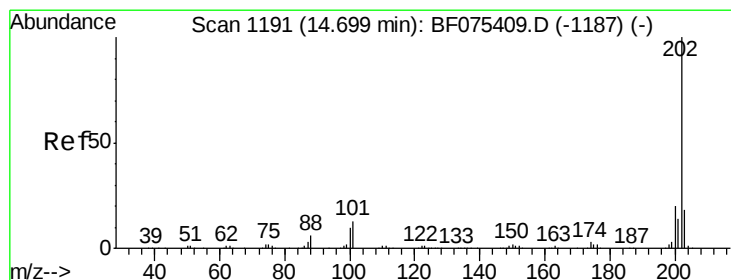
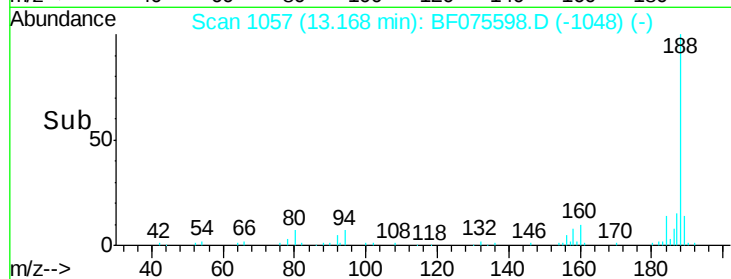
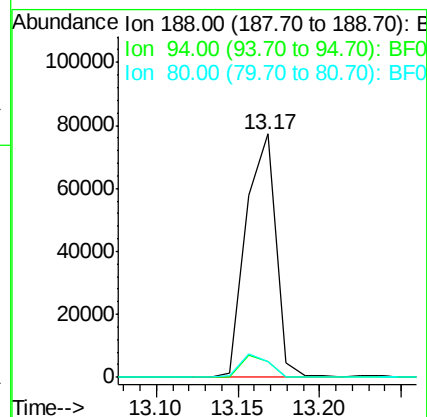
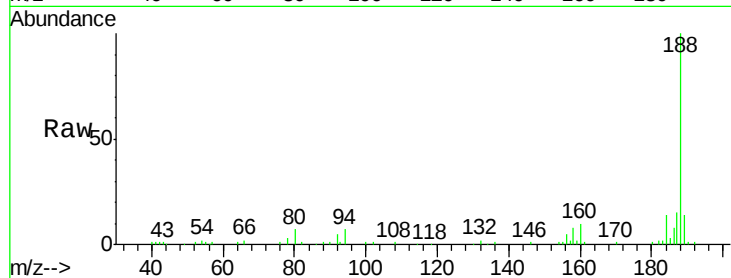
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampled :
S-3

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.8	11.6#
80	6.7	8.0	12.0#

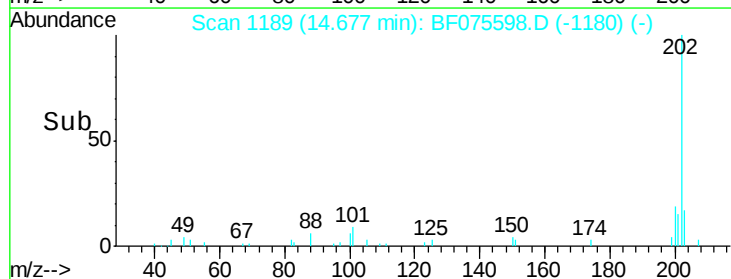
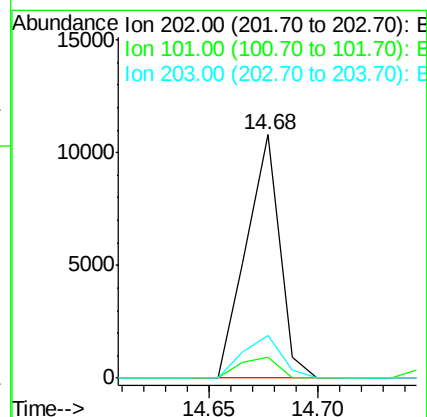
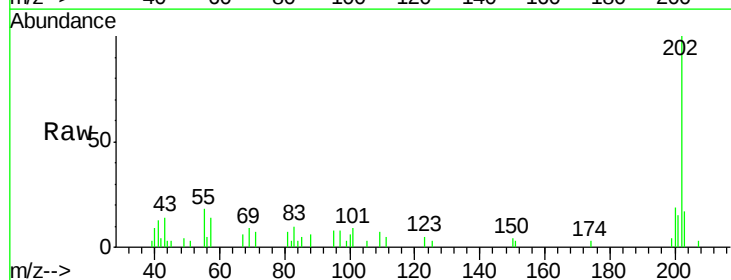
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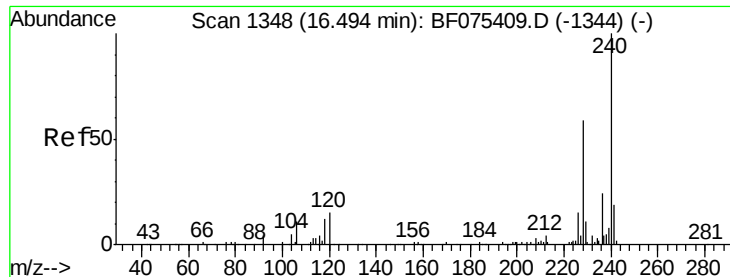
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#74
Fluoranthene
Concen: 2.09 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	36.6
203	17.5	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

Instrument :

BNA_F

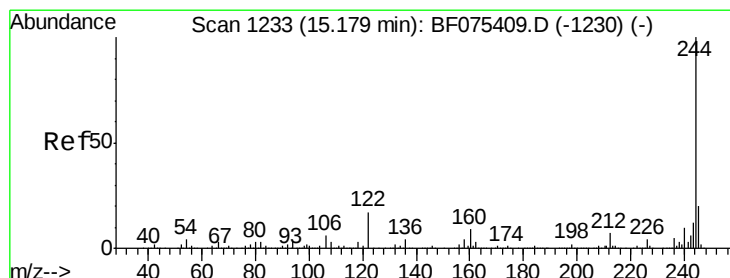
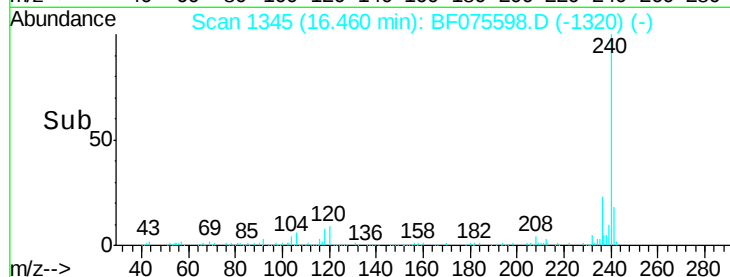
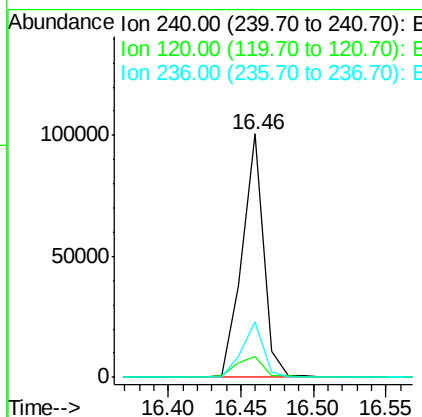
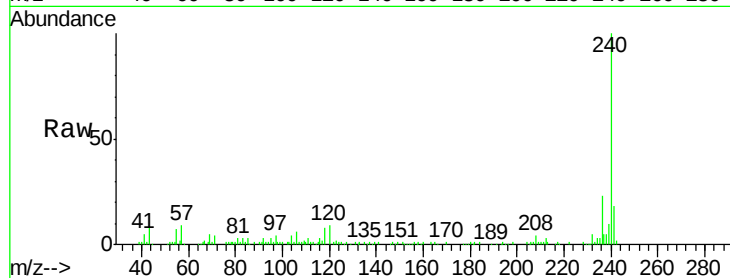
ClientSampleID :

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Tot Ion:	240	Resp:	103533
Ion Ratio	Lower	Upper	
240	100		
120	8.6	9.6	14.4#
236	22.5	18.9	28.3

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#78

Terphenyl-d14

Concen: 30.45 ng

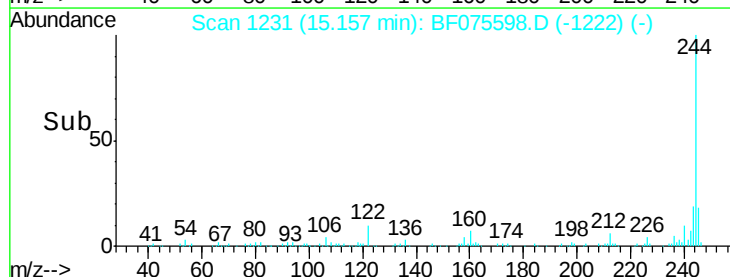
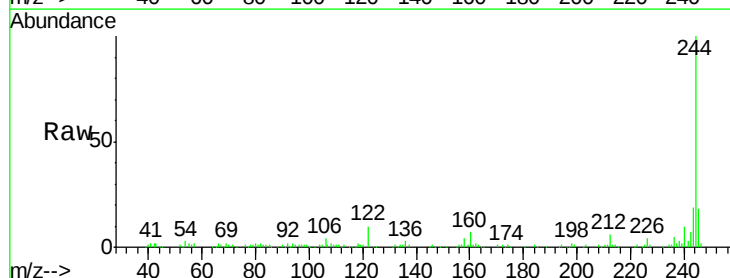
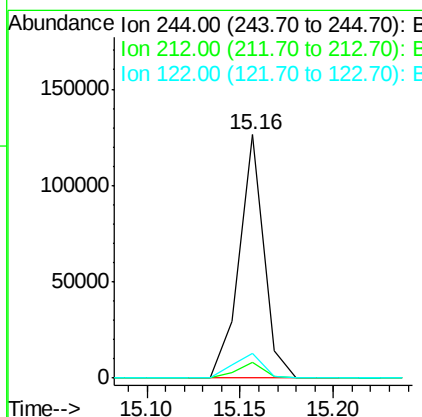
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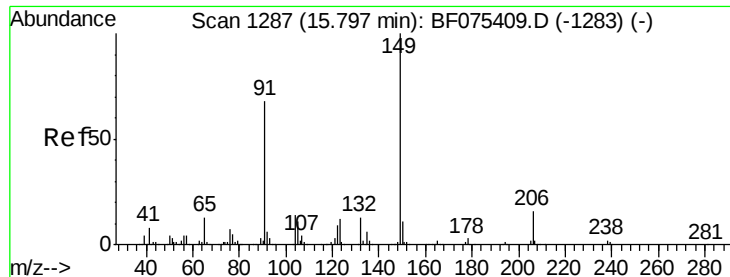
Delta R.T. 0.00 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

Tgt Ion:	244	Resp:	117104
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.5	8.3
122	10.1	9.7	14.5





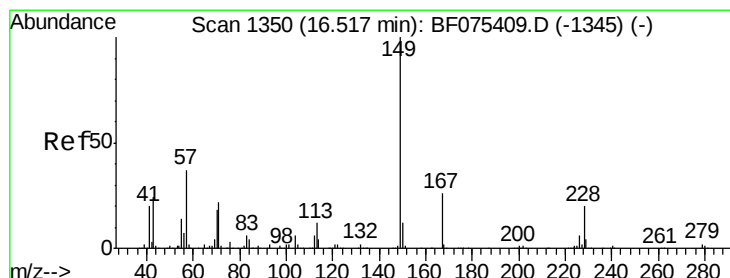
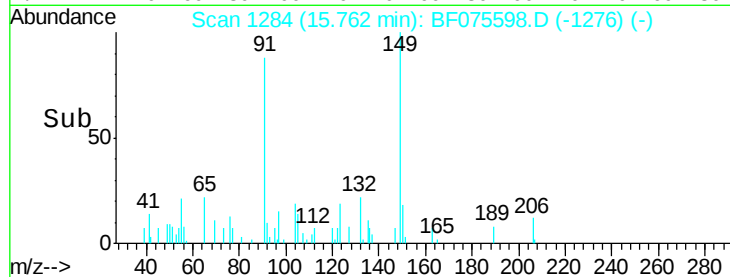
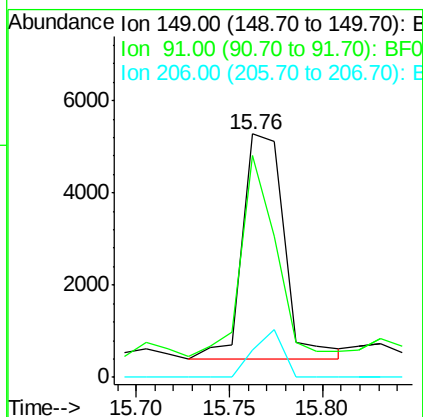
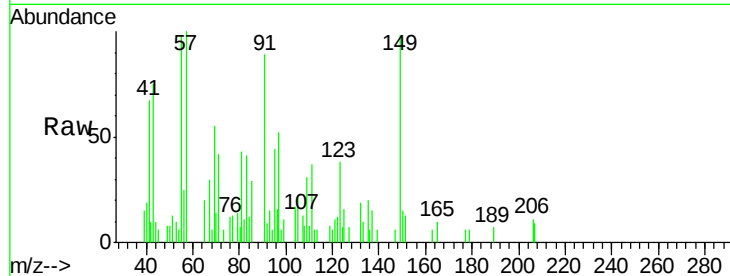
#79
 Butylbenzylphthalate
 Concen: 2.24 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Tot Ion	Ratio	Resp	Lower	Upper
149	100	7582		
91	91.0	49.0	73.4#	
206	11.1	15.5	23.3#	

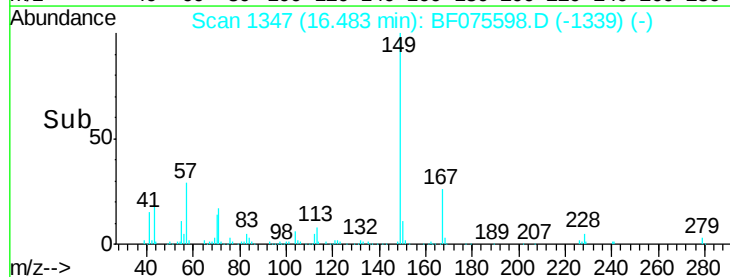
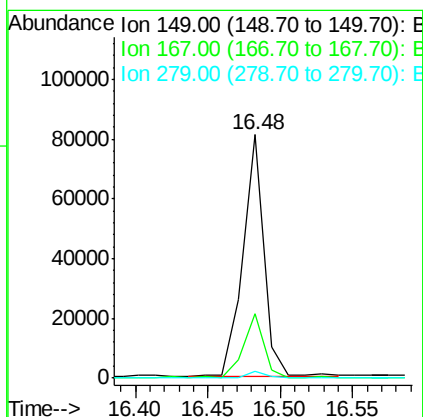
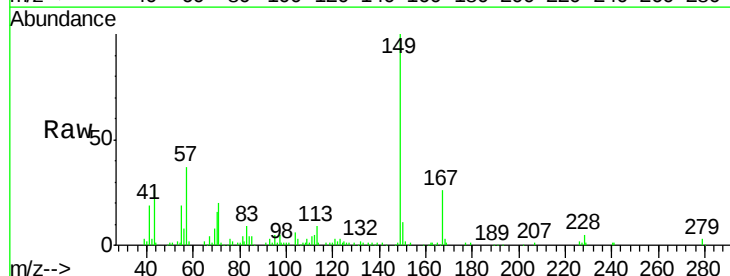
Manual Integrations
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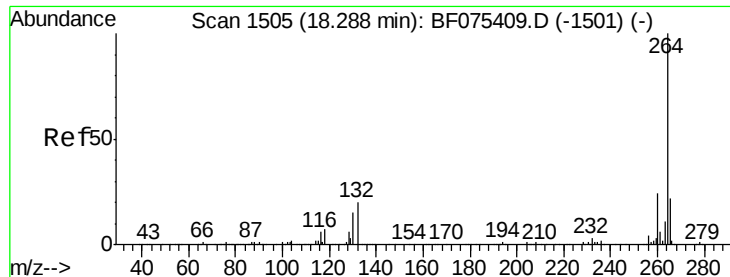
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 15.19 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	80903		
167	26.2	21.4	32.2	
279	2.7	2.8	4.2#	





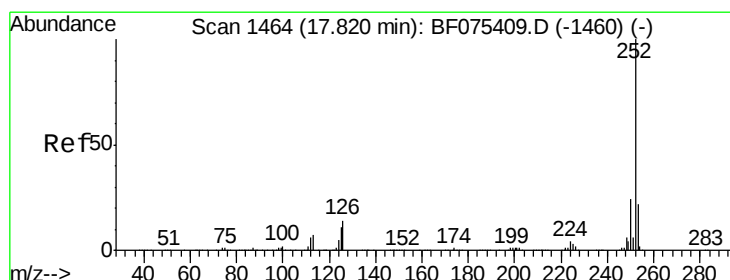
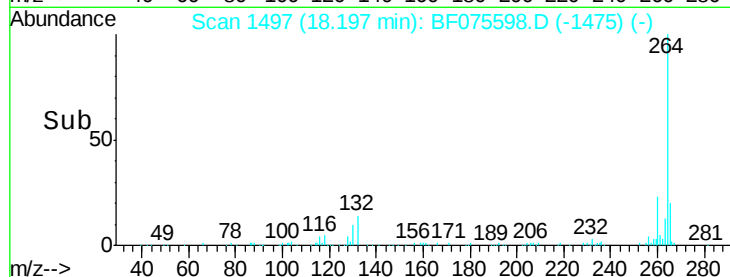
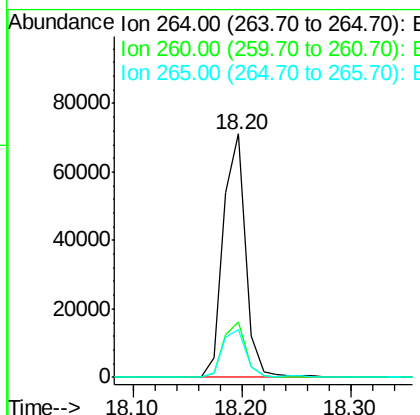
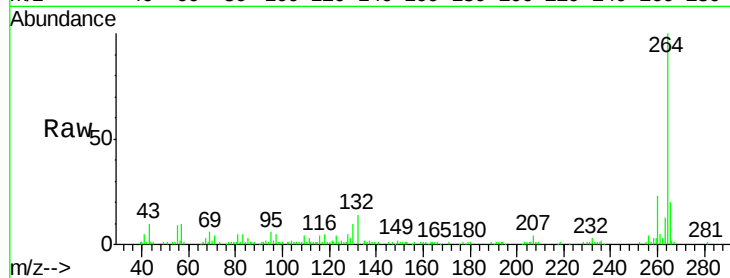
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.05 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampleId :
S-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	19.6	16.3	24.5

Manual Integrations
APPROVED

mohammad
11/17/2014 7:40:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.10 ng m
RT: 17.73 min Scan# 1456
Delta R.T. -0.05 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	38.9	11.8	17.6#

