

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075599.D
 Acq On : 17 Nov 2014 00:25
 Operator : TP / JJ
 Sample : F4738-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Manual Integrations
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Quant Time: Nov 17 07:52:00 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	27018	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	115479	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	61739	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	104420	20.00	ng	0.00
75) Chrysene-d12	16.46	240	115049	20.00	ng	-0.01
86) Perylene-d12	18.19	264	113548	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	87165	56.99	ng	0.00
7) Phenol-d6	7.11	99	105237	57.22	ng	0.00
23) Nitrobenzene-d5	8.24	82	61995	39.36	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	26898	52.02	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	117012	34.25	ng	0.00
78) Terphenyl-d14	15.16	244	118681	27.77	ng	0.00
Target Compounds						
74) Fluoranthene	14.68	202	12928	2.20	ng	Qvalue 89
79) Butylbenzylphthalate	15.76	149	20487	5.45	ng	# 81
83) Bis(2-ethylhexyl)phthalate	16.48	149	43260	7.31	ng	98
84) Di-n-octyl phthalate	17.26	149	53702	5.16	ng	# 93
87) Benzo(b)fluoranthene	17.73	252	12581m	2.07	ng	

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

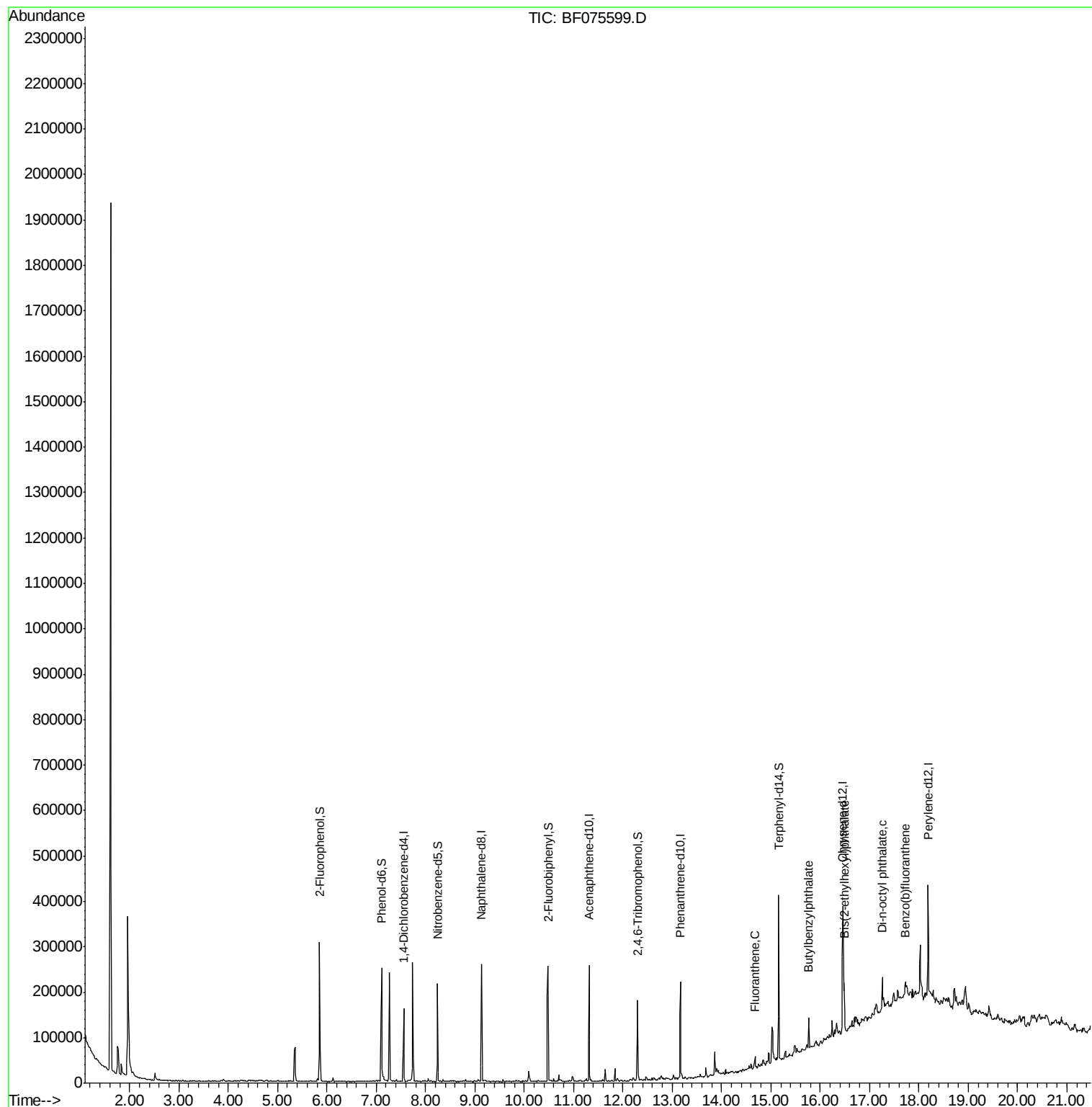
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075599.D
Acq On : 17 Nov 2014 00:25
Operator : TP / JJ
Sample : F4738-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

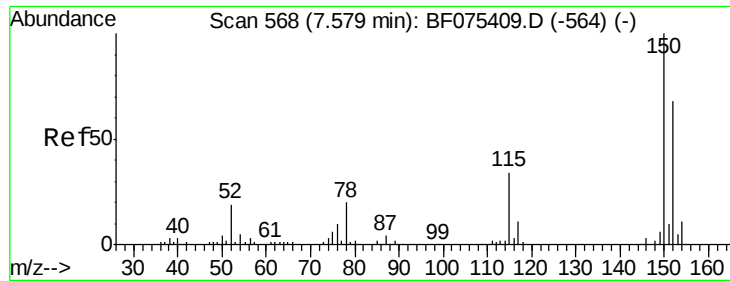
Instrument :
BNA_F
ClientSampleId :
S-4

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Quant Time: Nov 17 07:52:00 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

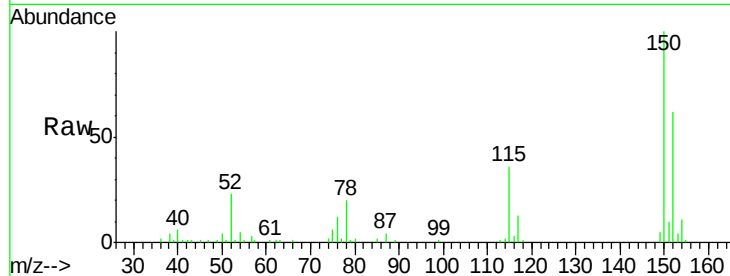
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4

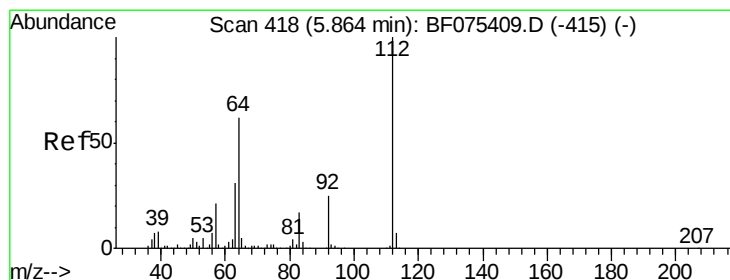
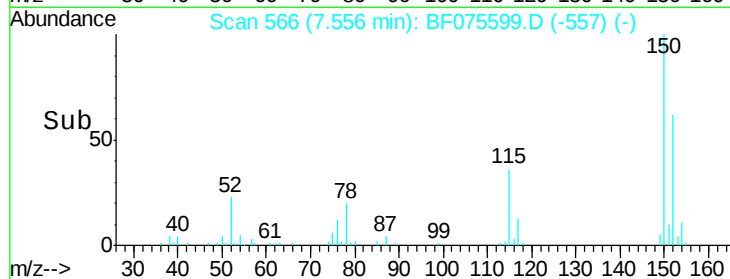
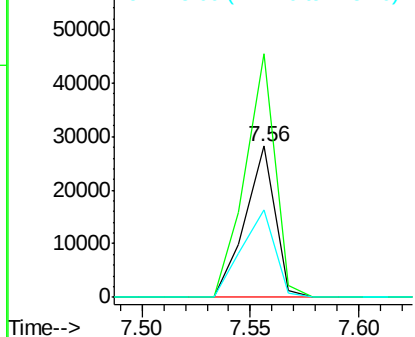
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	127.2	190.8
115	57.6	57.1	85.7

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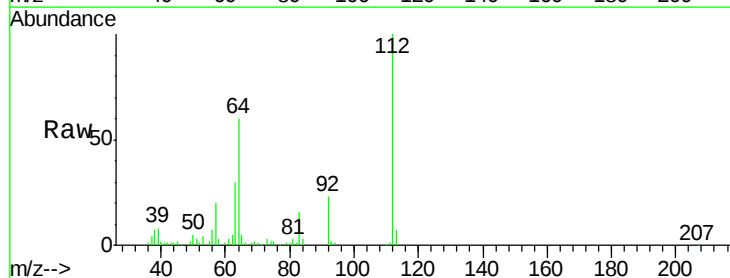
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



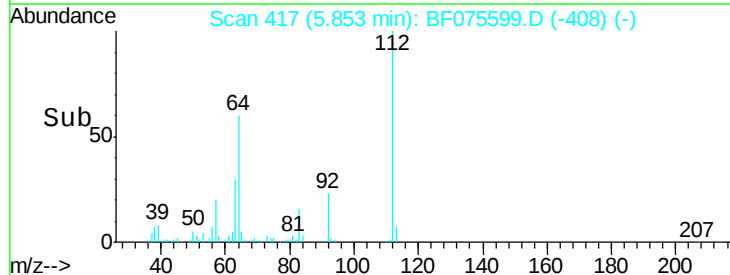
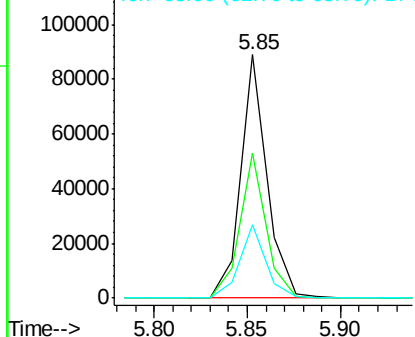
#5

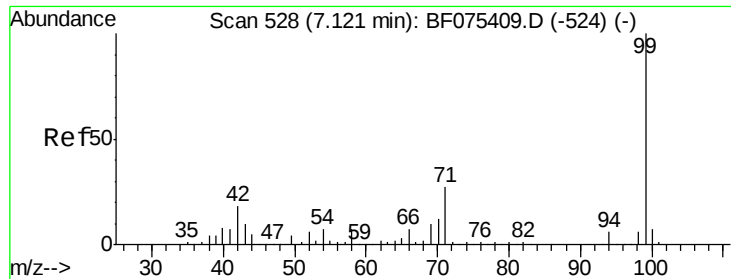
2-Fluorophenol
 Concen: 56.99 ng
 RT: 5.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.8	68.6
63	30.2	22.7	34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.22 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

ClientSampleId :

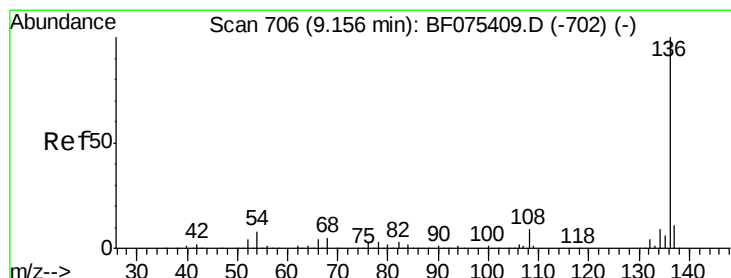
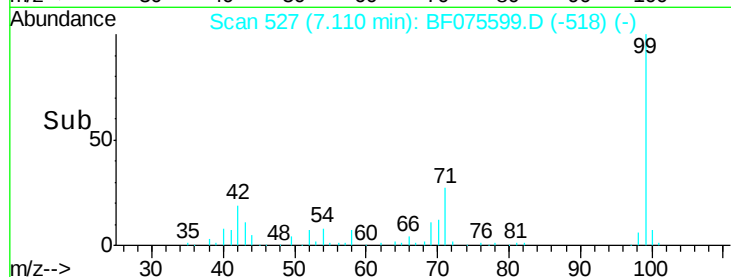
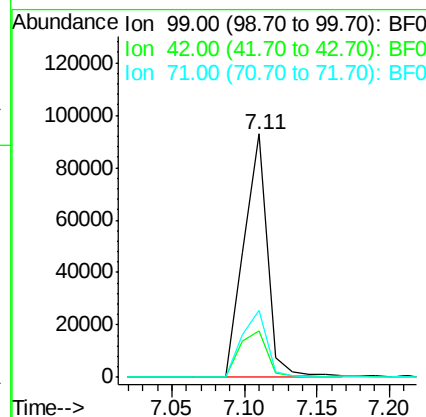
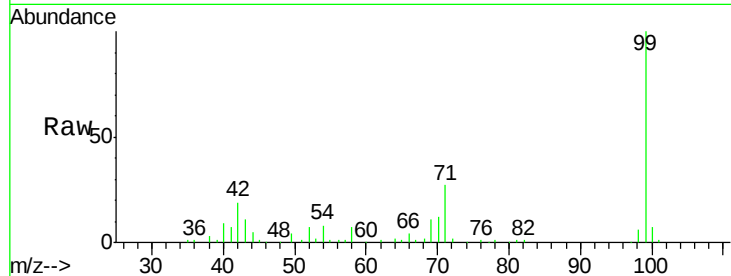
S-4

Tot Ion: 99 Resp: 105237

Ion	Ratio	Lower	Upper
99	100		
42	19.1	19.8	29.6#
71	27.5	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

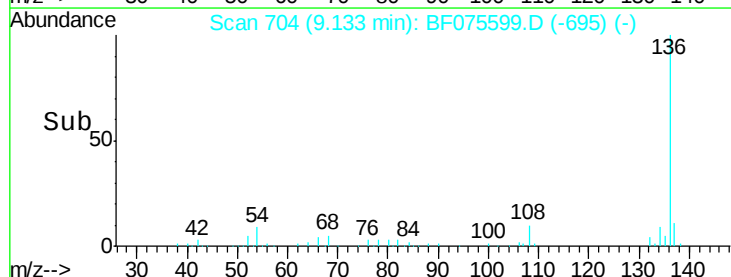
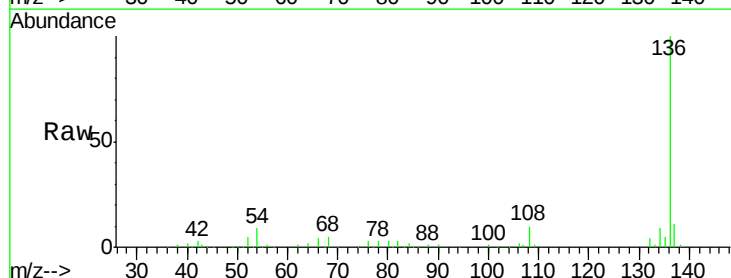
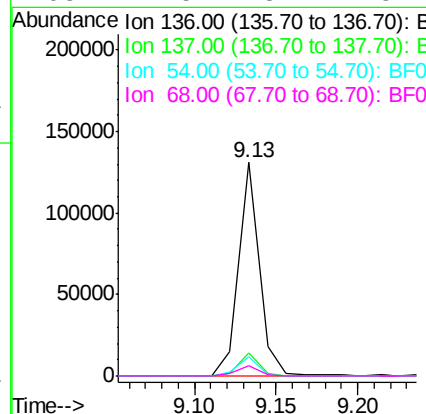
Delta R.T. 0.00 min

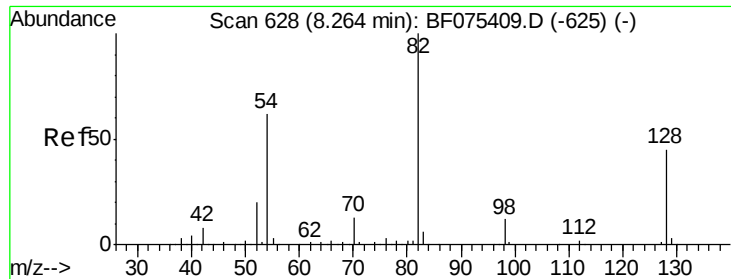
Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Tgt Ion: 136 Resp: 115479

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	9.0	6.2	9.4
68	4.5	3.4	5.2





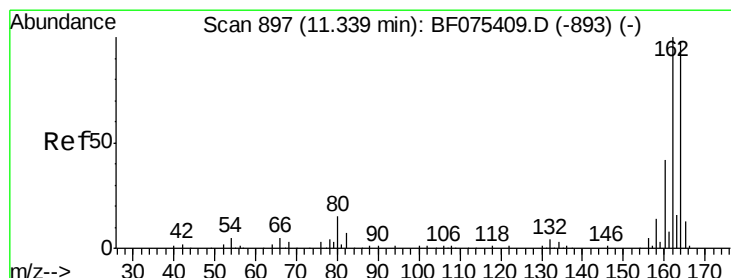
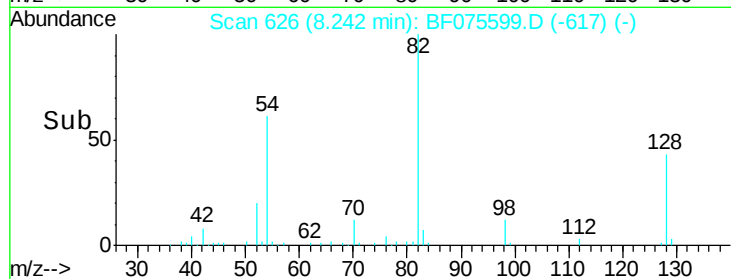
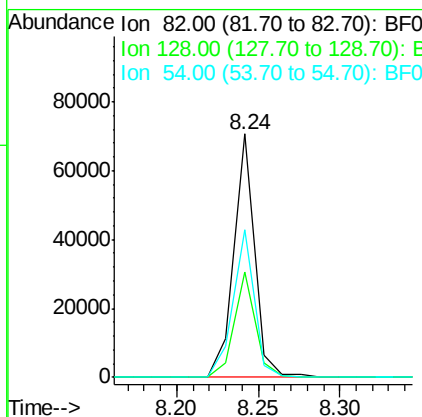
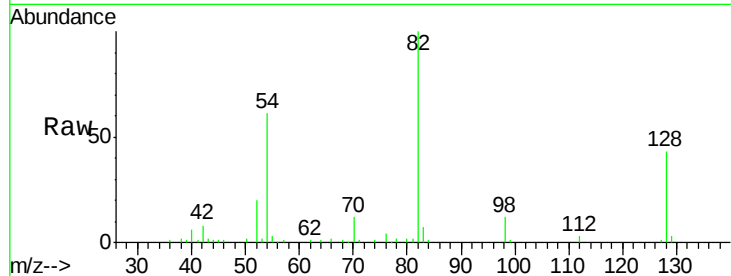
#23
Nitrobenzene-d5
Concen: 39.36 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Instrument :
BNA_F
ClientSampleId :
S-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.6
54	60.8	49.8	74.8

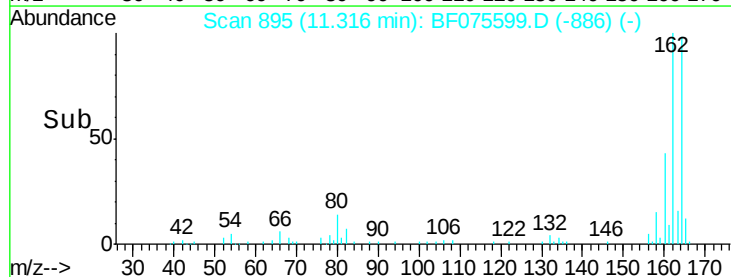
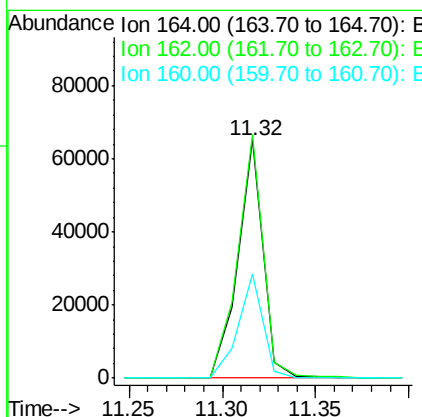
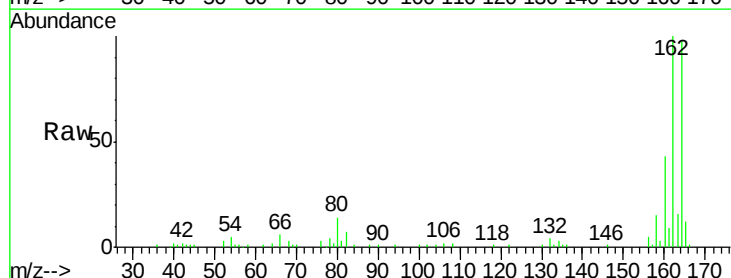
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.1	118.7
160	43.8	34.6	51.8





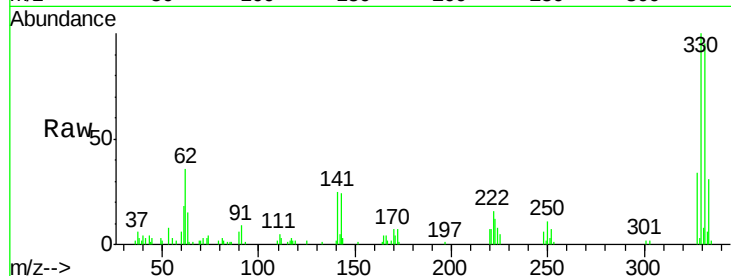
#41
 2,4,6-Tribromophenol
 Concen: 52.02 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4

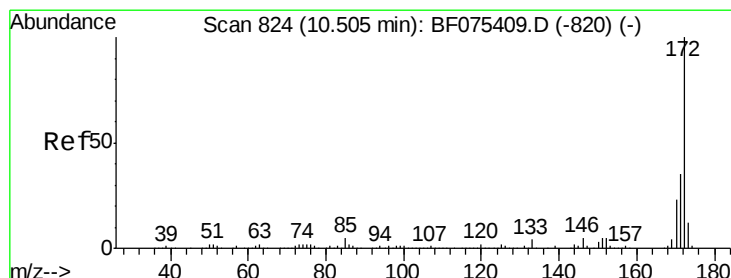
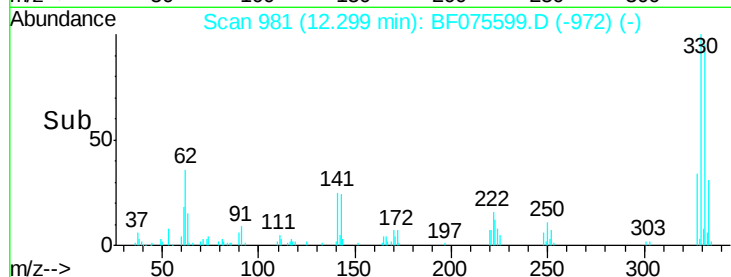
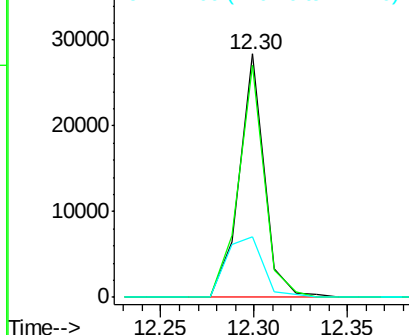
Tot Ion	Ratio	Resp	Lower	Upper
330	100	26898		
332	97.1		74.5	111.7
141	36.3		30.7	46.1

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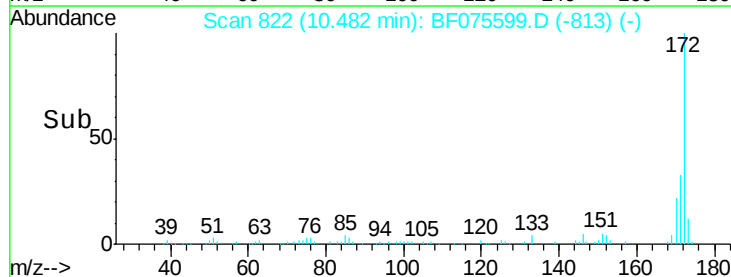
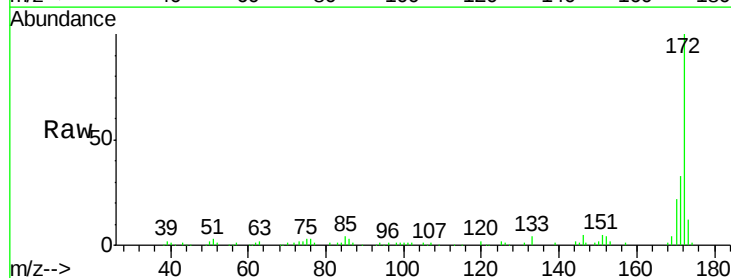
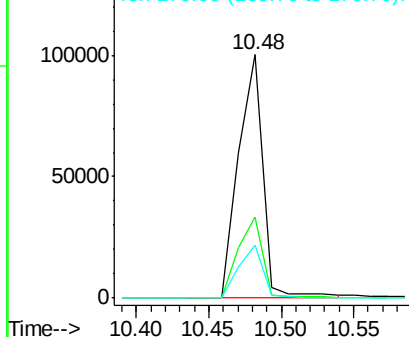
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

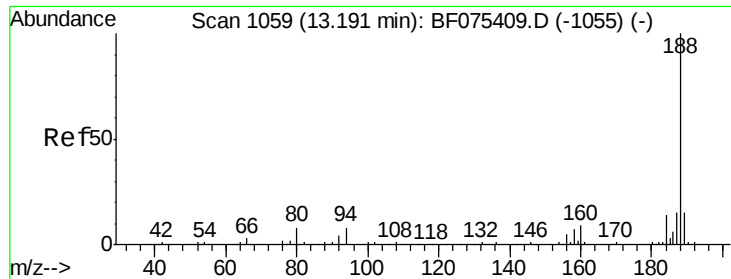


#44
 2-Fluorobiphenyl
 Concen: 34.25 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	117012		
171	33.3		27.3	40.9
170	21.6		18.4	27.6

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

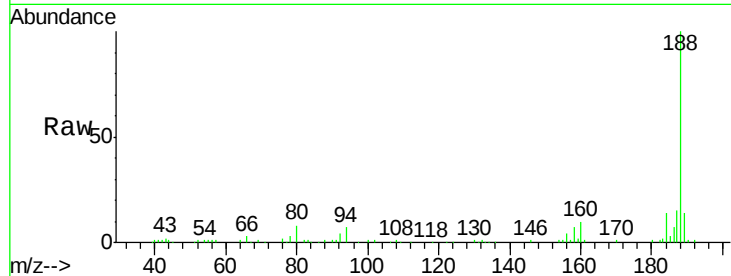
ClientSampleId :

S-4

Tot Ion:	188	Resp:	104420
Ion Ratio	Lower	Upper	
188	100		
94	7.1	7.8	11.6#
80	8.1	8.0	12.0

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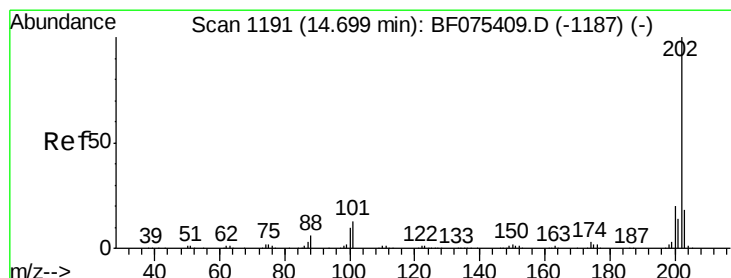
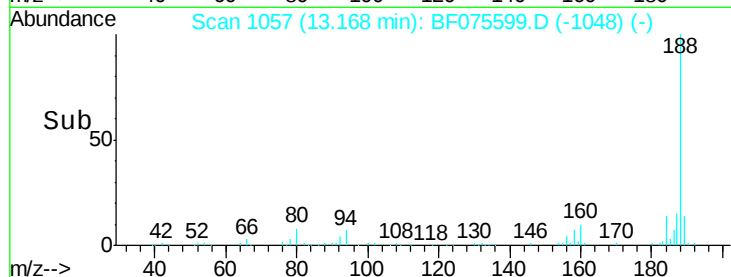
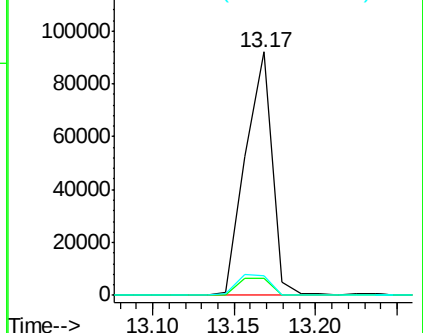
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.20 ng

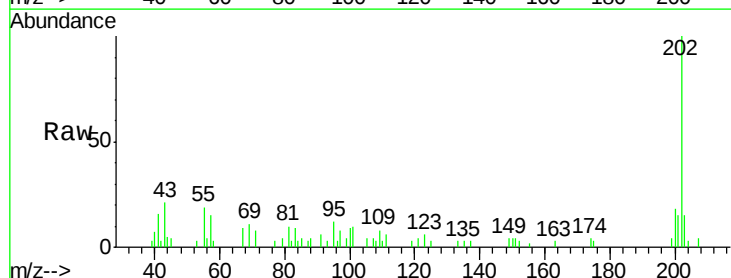
RT: 14.68 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

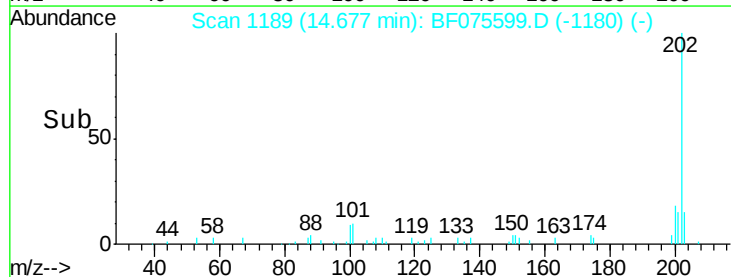
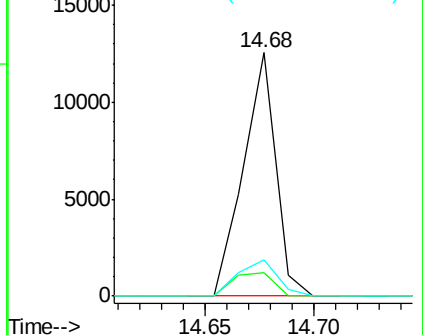
Tgt Ion:	202	Resp:	12928
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	36.6
203	15.1	0.0	38.2

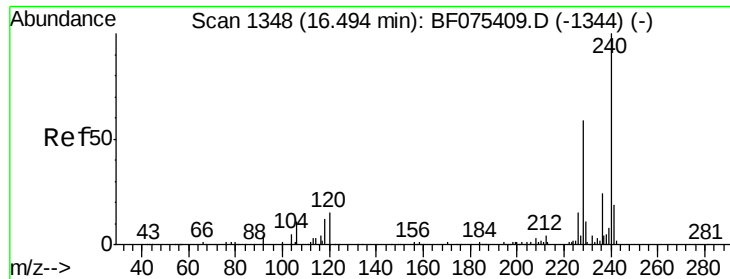


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

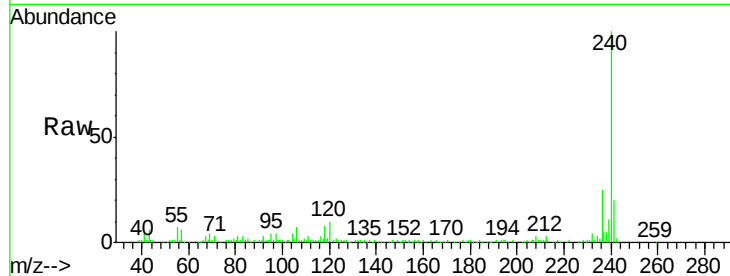
ClientSampled :

S-4

Tot Ion:	240	Resp:	115049
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.6	14.4
236	24.5	18.9	28.3

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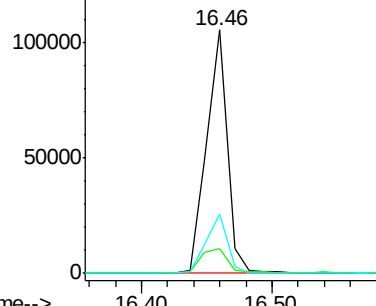
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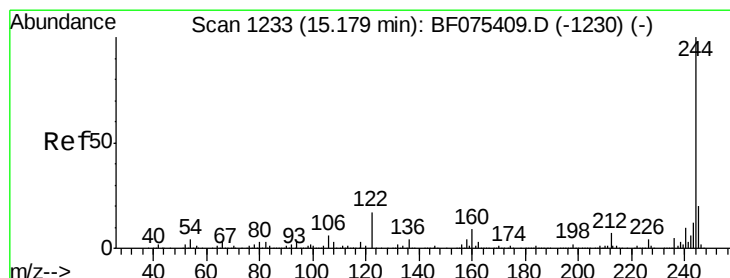
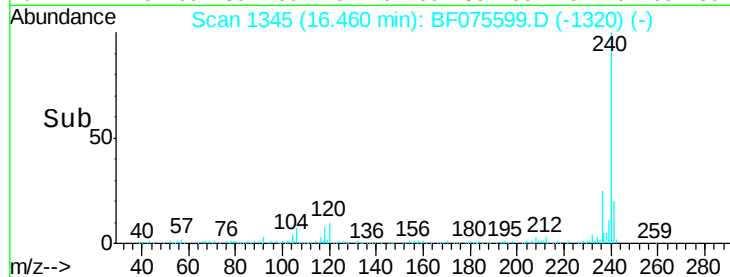
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 27.77 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075599.D

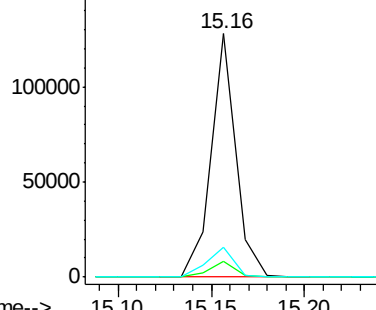
Acq: 17 Nov 2014 00:25

Tgt Ion:	244	Resp:	118681
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.5	8.3
122	12.4	9.7	14.5

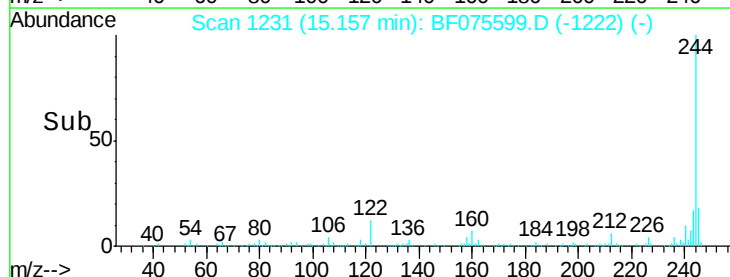
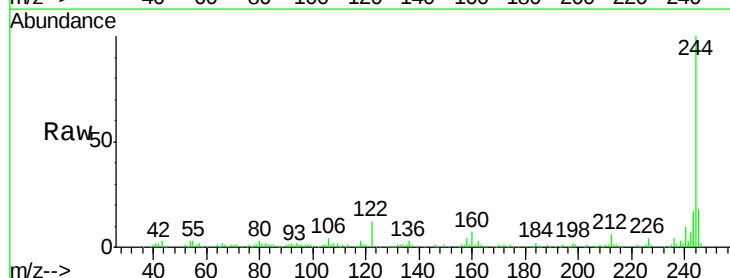
Abundance Ion 244.00 (243.70 to 244.70): E

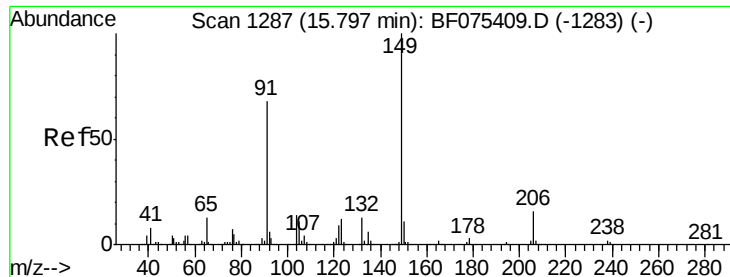
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





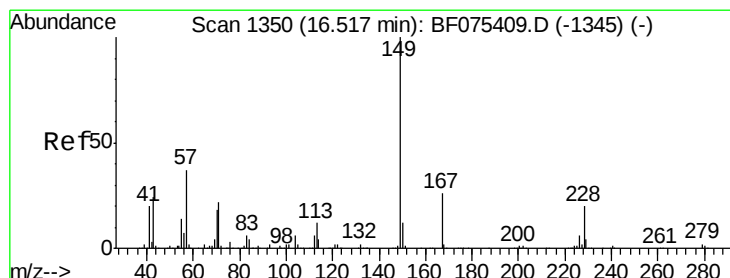
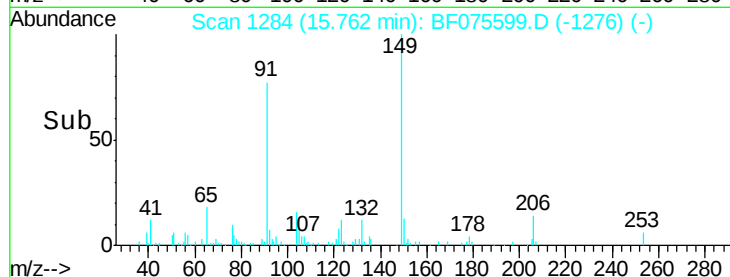
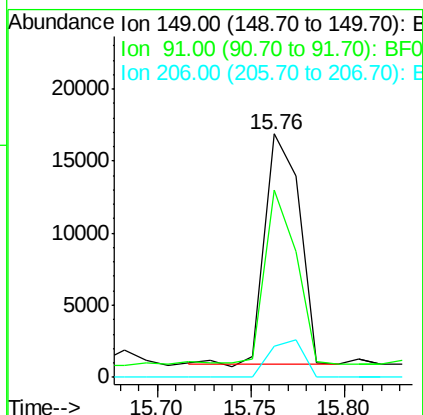
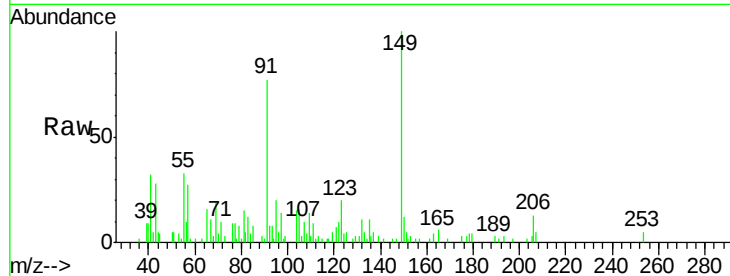
#79
 Butylbenzylphthalate
 Concen: 5.45 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	49.0	73.4#
206	12.7	15.5	23.3#

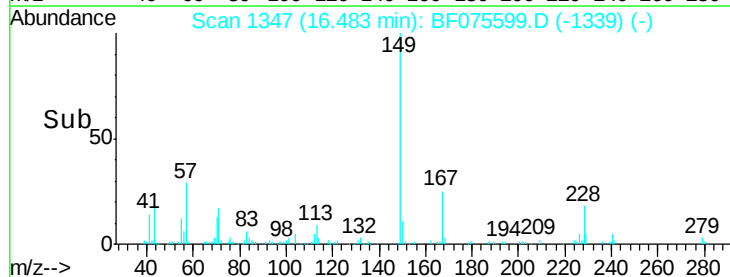
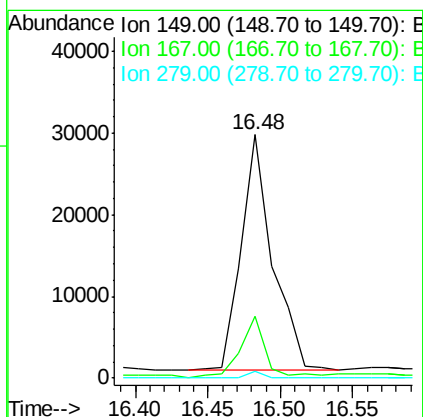
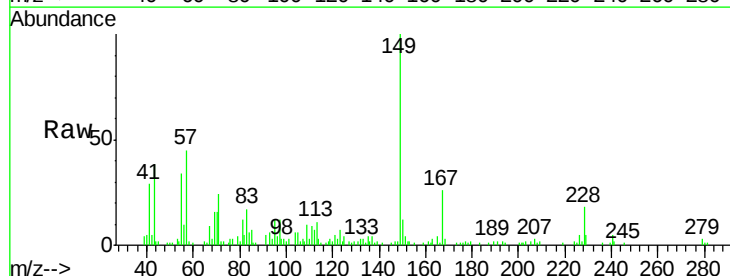
Manual Integrations
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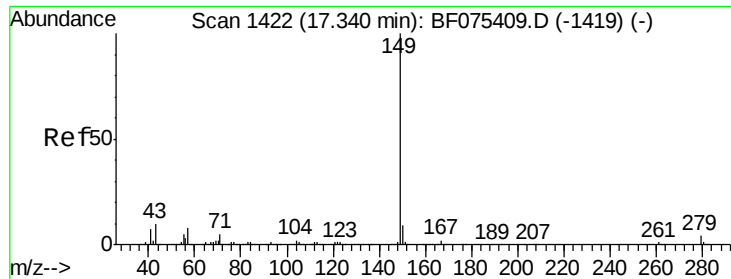
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.31 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.2
279	3.0	2.8	4.2





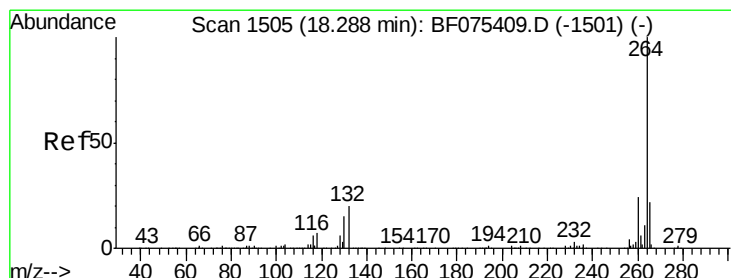
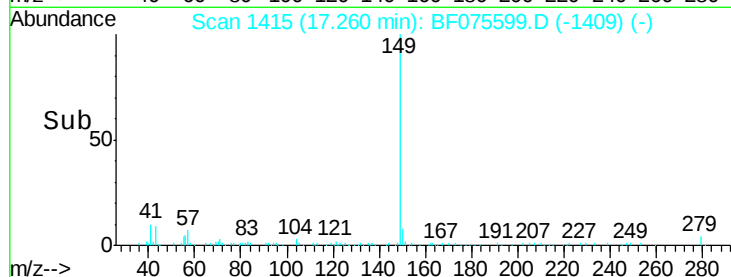
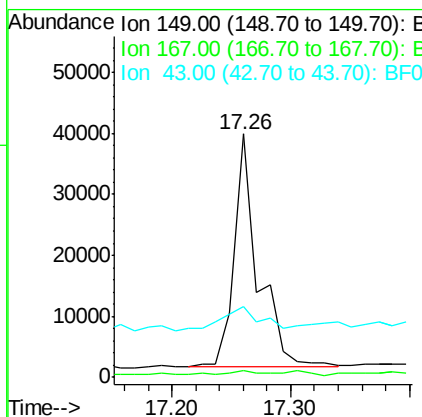
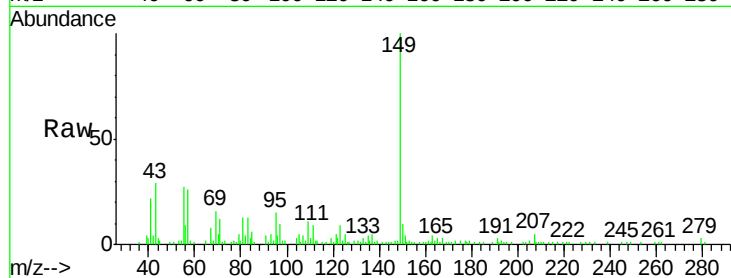
#84
Di-n-octyl phthalate
Concen: 5.16 ng
RT: 17.26 min Scan# 1415
Delta R.T. -0.03 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Instrument :
BNA_F
ClientSampled :
S-4

Tot Ion	Ratio	Lower	Upper
149	100		
167	3.4	1.1	1.7#
43	16.7	11.0	16.4#

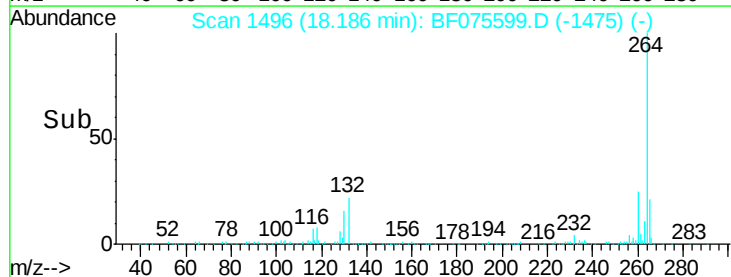
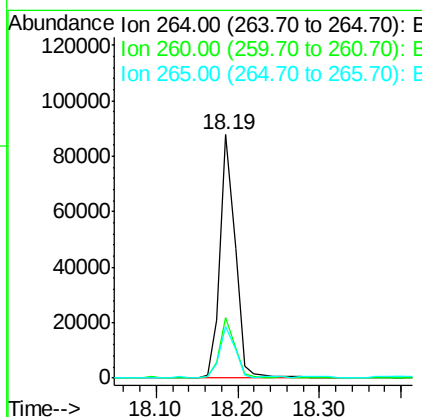
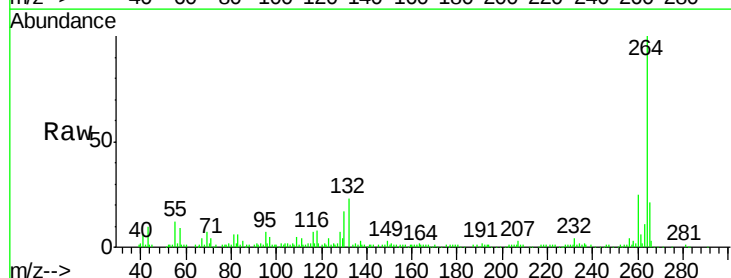
Manual Integrations
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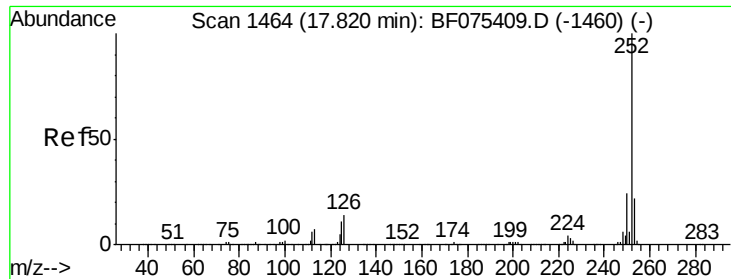
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.06 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.9	26.9
265	21.4	16.3	24.5





#87
 Benzo(b)fluoranthene
 Concen: 2.07 ng m
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.05 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.7	26.5#
125	35.1	11.8	17.6#

Manual Integrations
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