

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092529.D
 Acq On : 26 Jan 2017 16:50
 Operator : SJ/MA
 Sample : I1312-06 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-03-0-2

Manual Integrations
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Quant Time: Jan 27 15:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	146229	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	549924	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	239034	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	383610	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	257729	20.00	ng	0.00
86) Perylene-d12	15.65	264	189699	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	406745	43.28	ng	0.01
7) Phenol-d6	6.59	99	487258	40.70	ng	0.00
23) Nitrobenzene-d5	7.54	82	295135	29.32	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	68708	42.18	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	466620	36.10	ng	0.00
78) Terphenyl-d14	13.10	244	340561	35.19	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	75621	4.97	ng	Qvalue # 92
70) Phenanthrene	11.54	178	58469	2.77	ng	94
74) Fluoranthene	12.74	202	110710	5.36	ng	94
77) Pyrene	12.97	202	99820	5.35	ng	98
80) Benzo(a)anthracene	14.16	228	36867	2.66	ng	# 82
82) Chrysene	14.19	228	41844m	2.83	ng	
83) Bis(2-ethylhexyl)phthalate	14.15	149	68000	7.14	ng	# 95

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

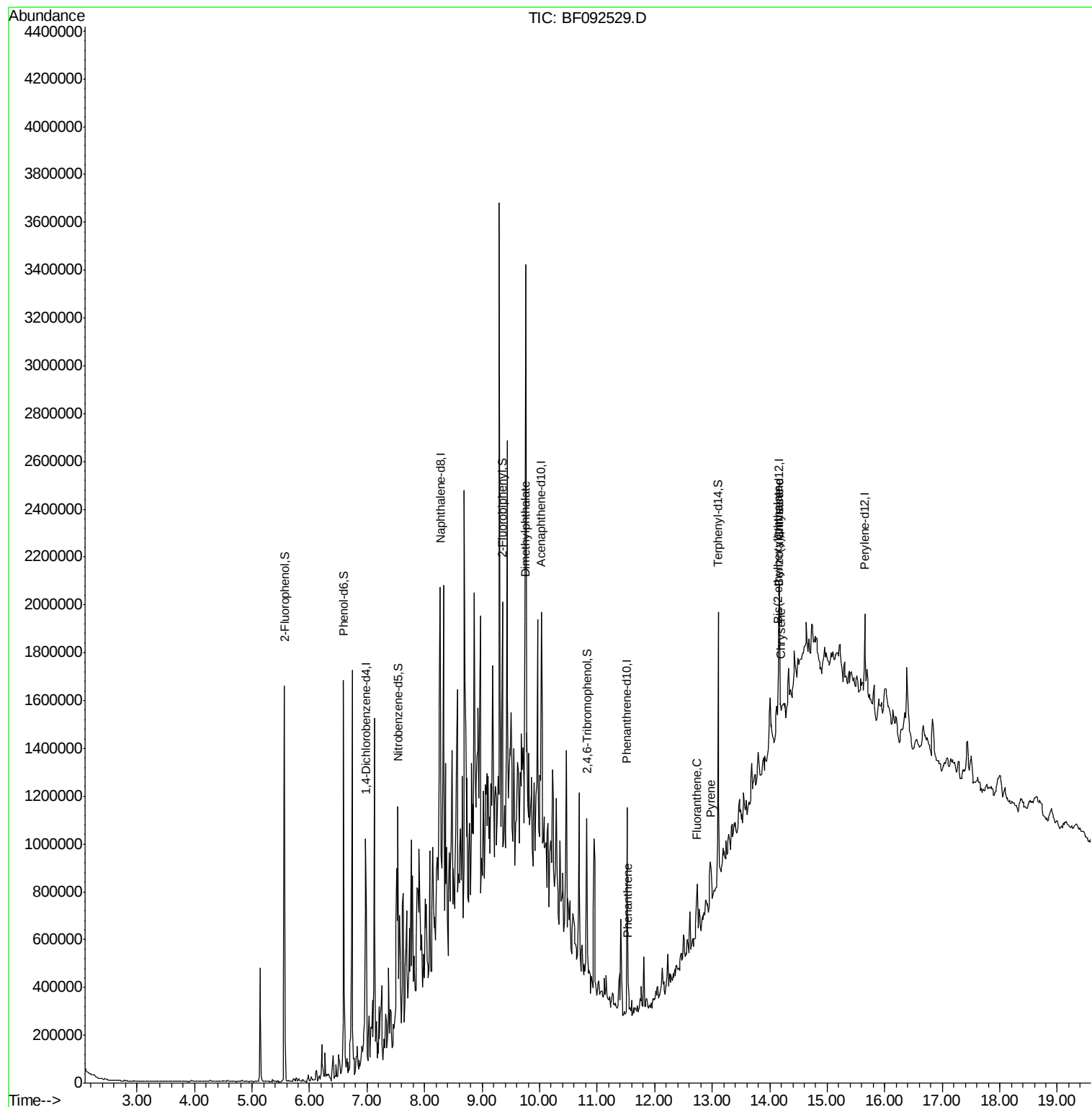
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092529.D
Acq On : 26 Jan 2017 16:50
Operator : SJ/MA
Sample : I1312-06 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

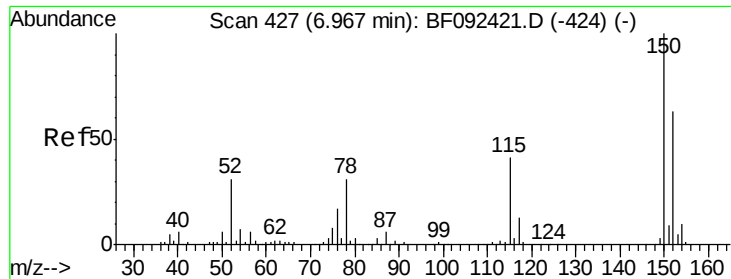
Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

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Quant Time: Jan 27 15:03:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

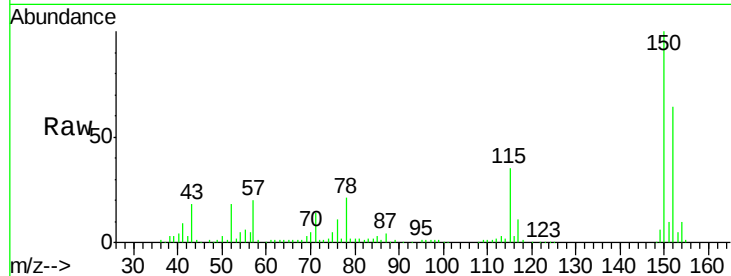
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

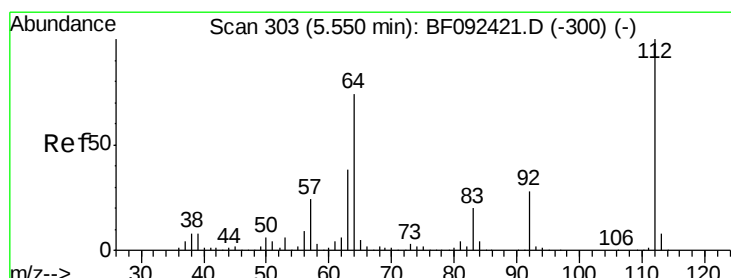
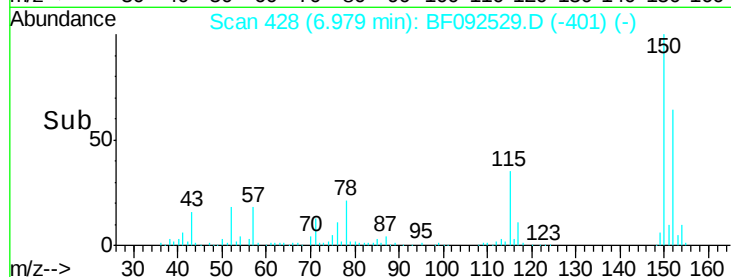
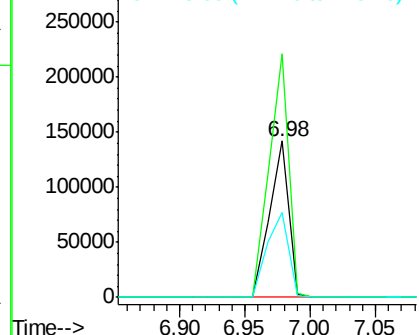
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	54.7	46.0	69.0

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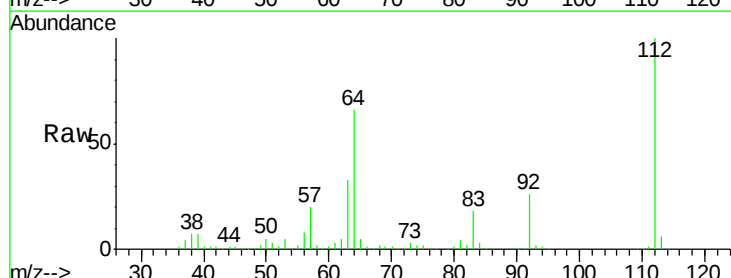
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



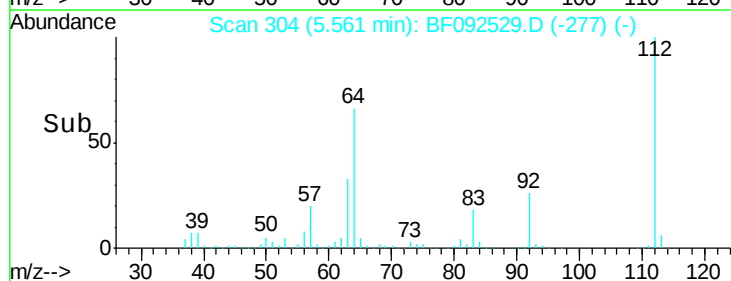
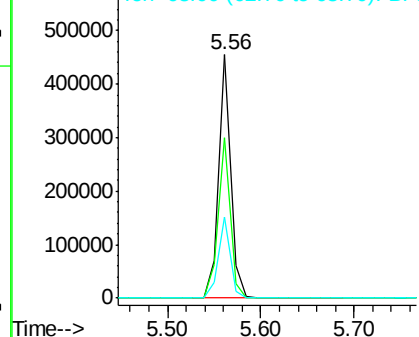
#5

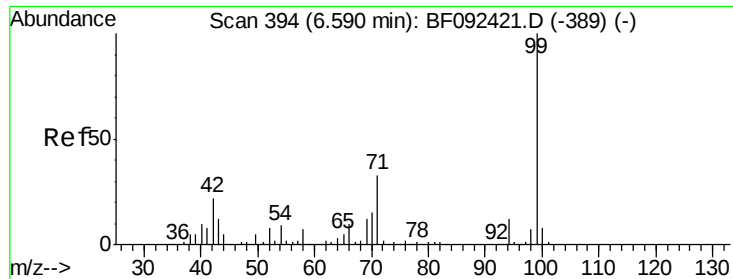
2-Fluorophenol
Concen: 43.28 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.1	69.1
63	33.2	23.8	35.6



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: 40.70 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

Instrument :

BNA_F

ClientSampleId :

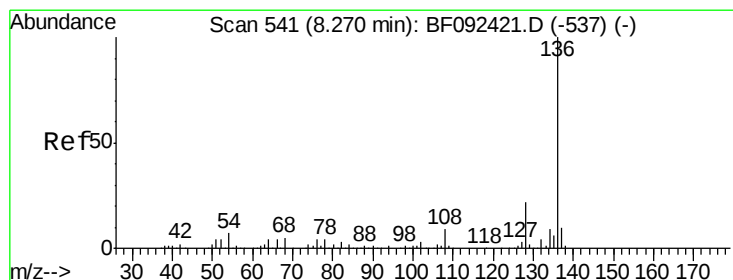
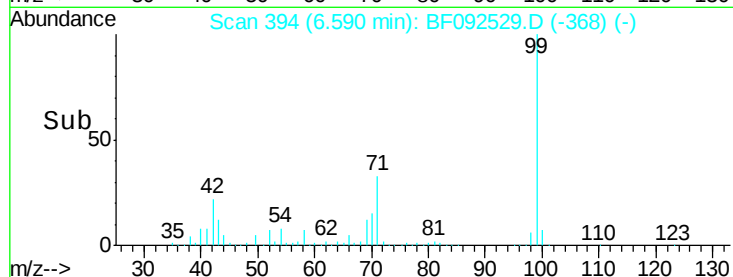
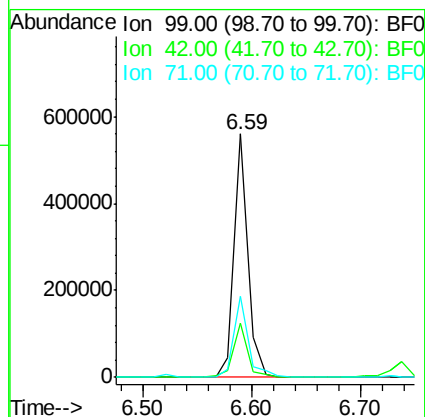
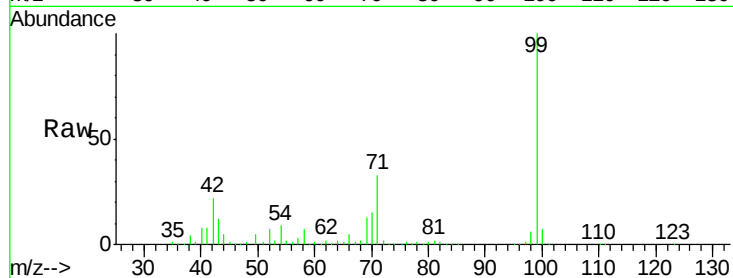
CAS-SB-03-0-2

Tot Ion: 99 Resp: 487258

Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.6	23.4
71	33.2	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

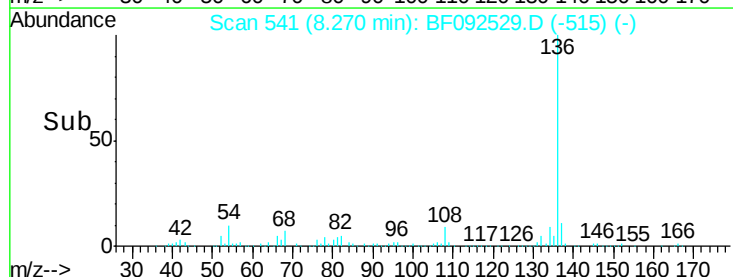
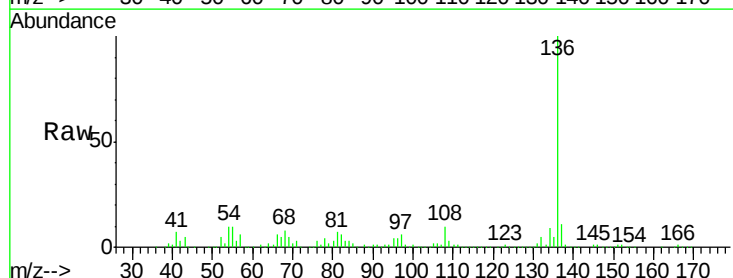
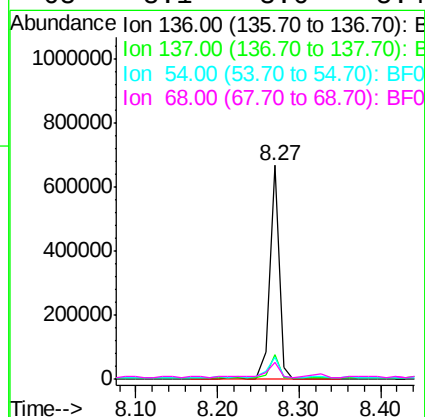
Delta R.T. -0.00 min

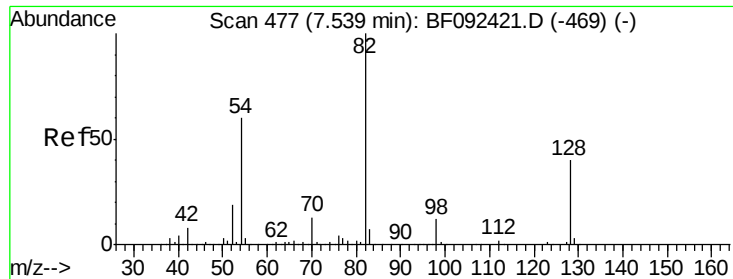
Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

Tgt Ion: 136 Resp: 549924

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.3	4.5	6.7#
68	8.1	3.6	5.4#





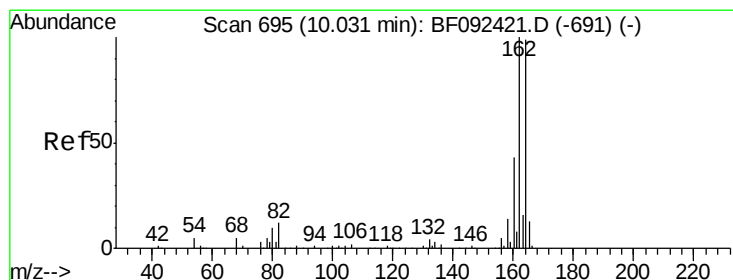
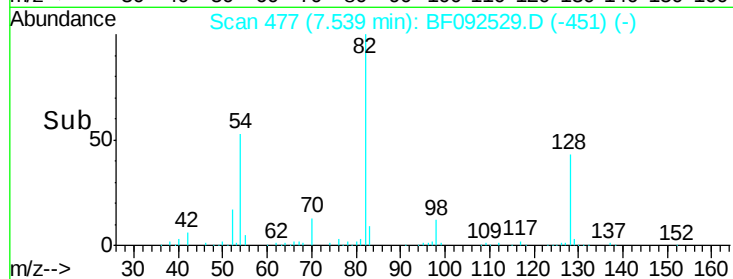
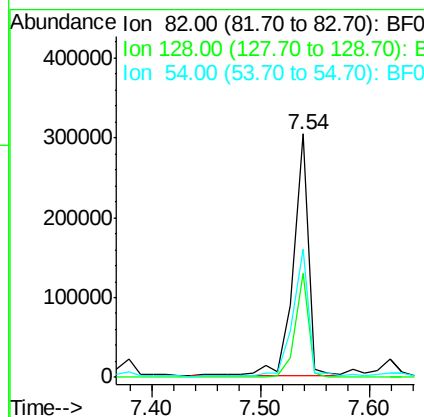
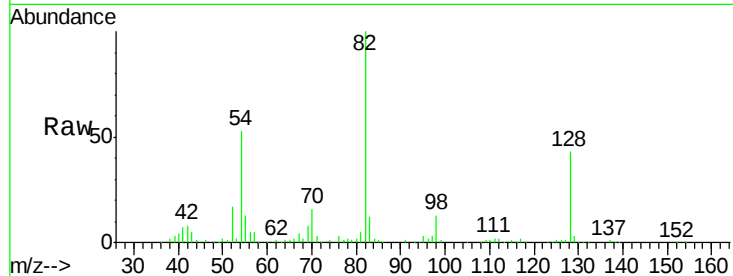
#23
Nitrobenzene-d5
Concen: 29.32 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	52.0
54	52.8	39.5	59.3

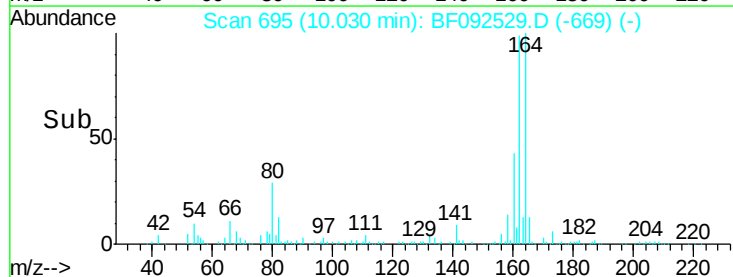
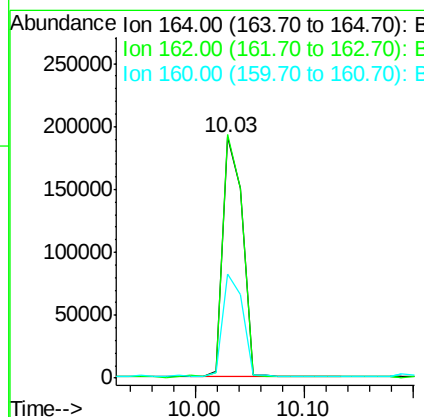
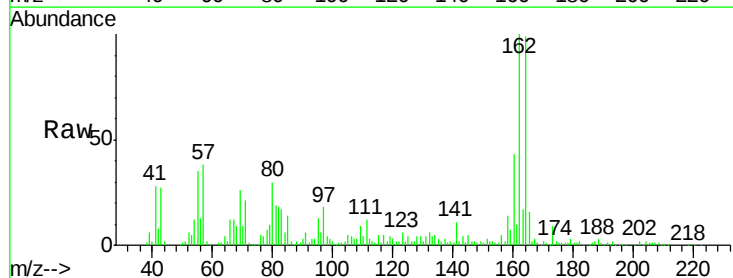
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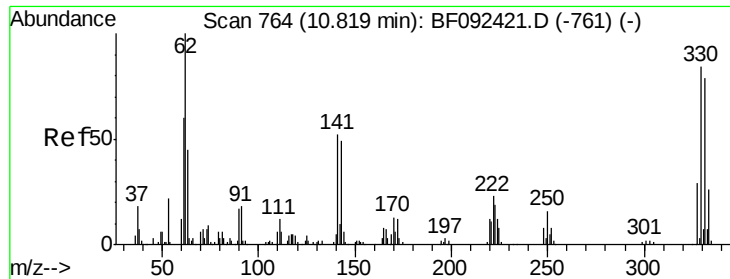
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.2	36.9	55.3





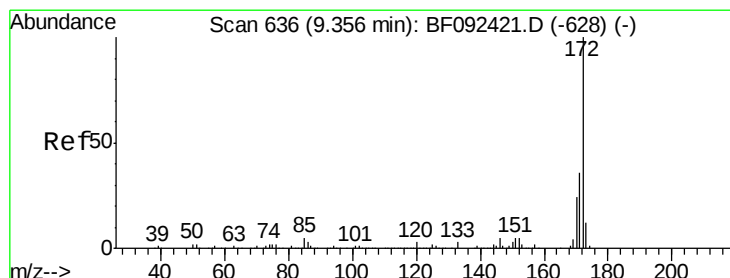
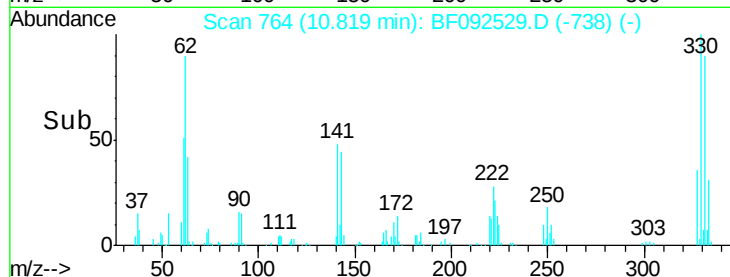
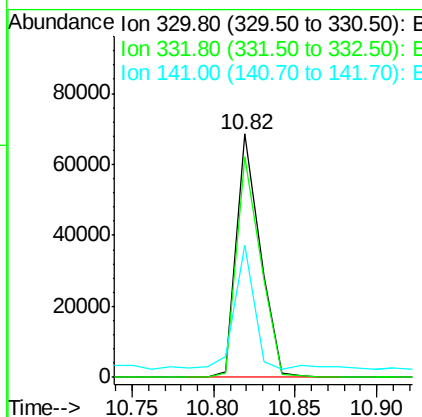
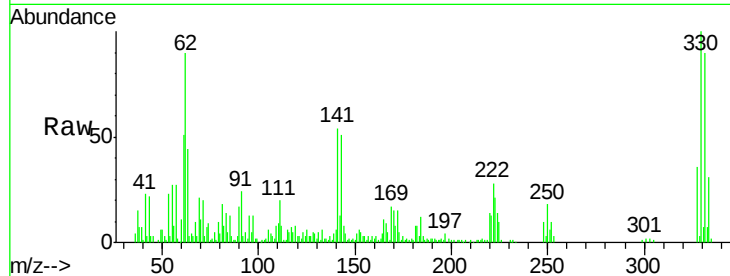
#41
 2,4,6-Tribromophenol
 Concen: 42.18 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092529.D
 Acq: 26 Jan 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.4	116.2
141	45.3	34.1	51.1

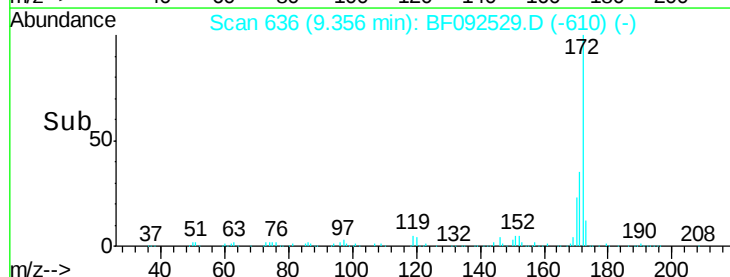
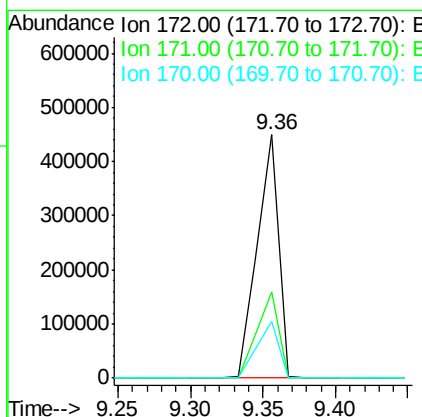
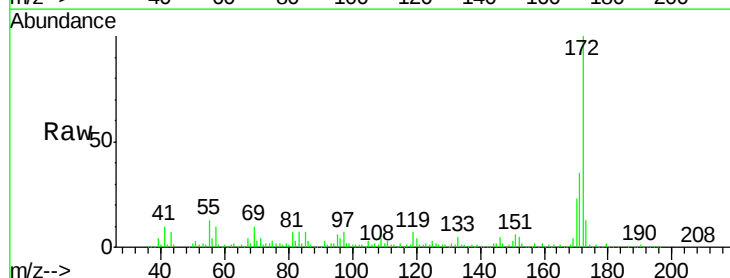
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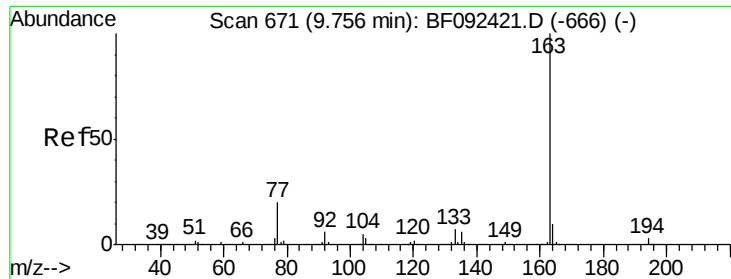
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#44
 2-Fluorobiphenyl
 Concen: 36.10 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092529.D
 Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.2	20.2	30.4





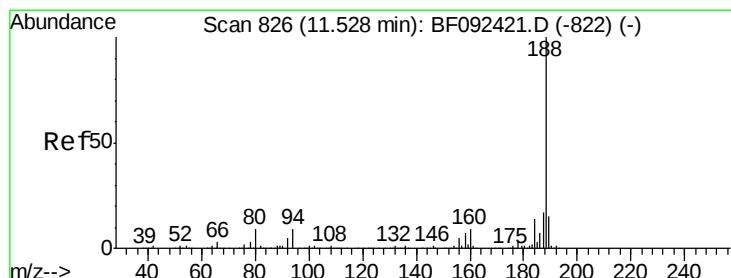
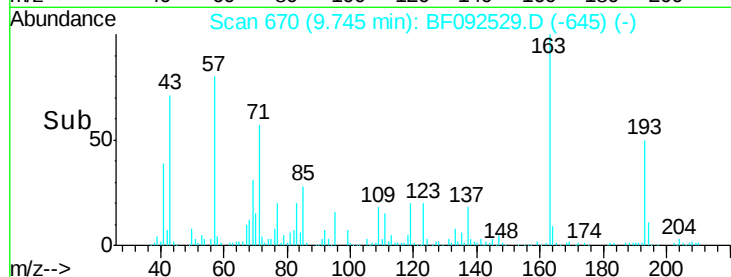
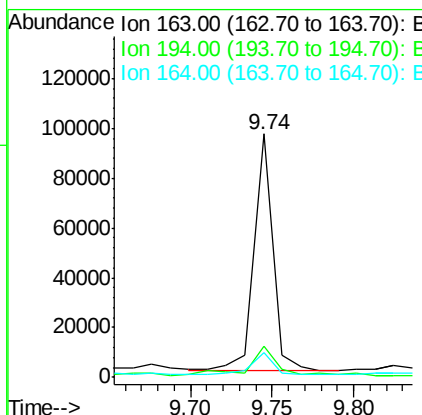
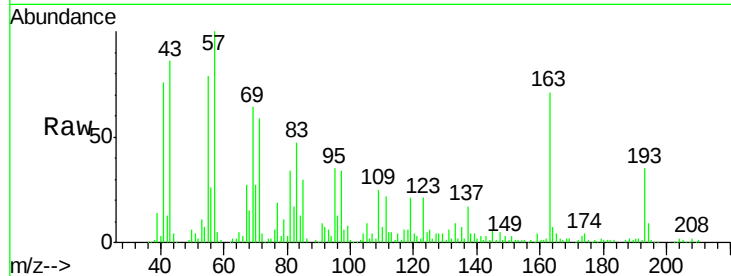
#49
Dimethylphthalate
Concen: 4.97 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	13.0	3.0	4.4#
164	10.1	8.0	12.0

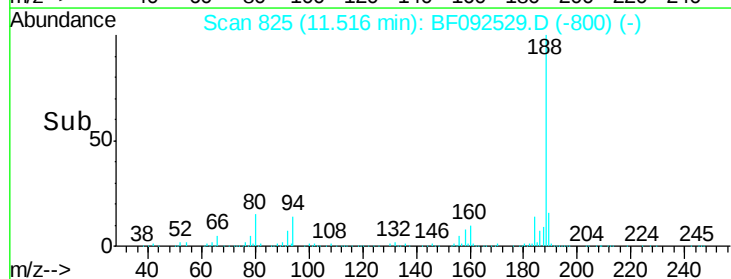
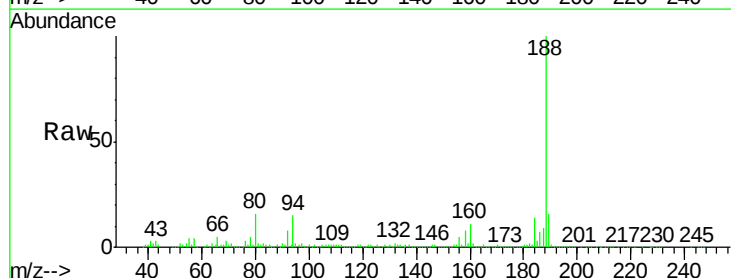
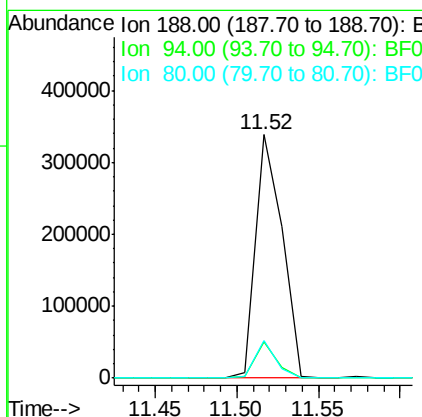
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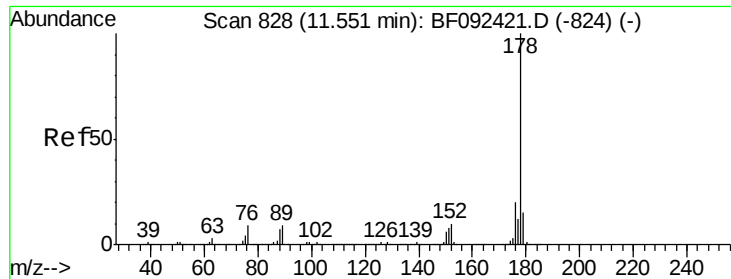
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.7	10.0	15.0
80	15.6	11.2	16.8





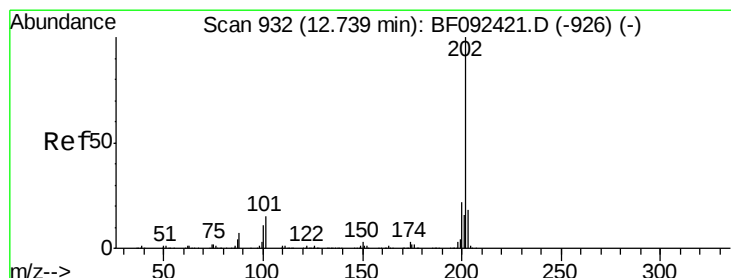
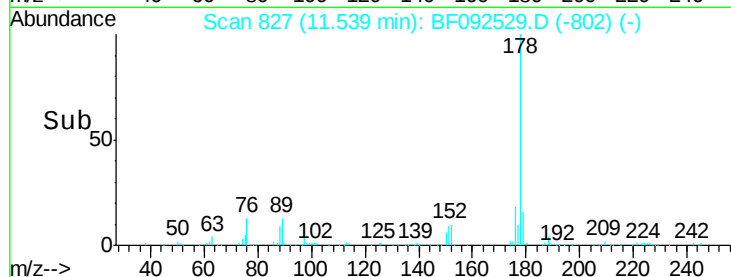
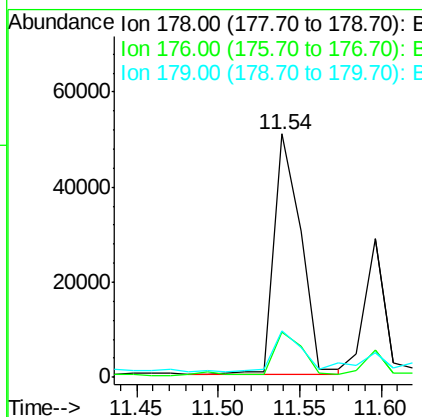
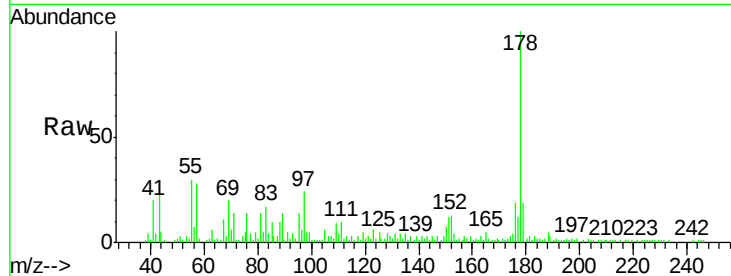
#70
Phenanthrene
Concen: 2.77 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	19.0	12.8	19.2

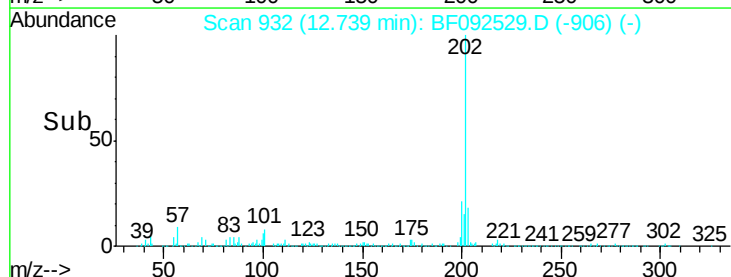
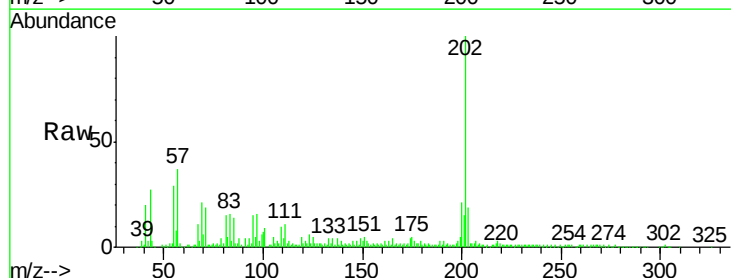
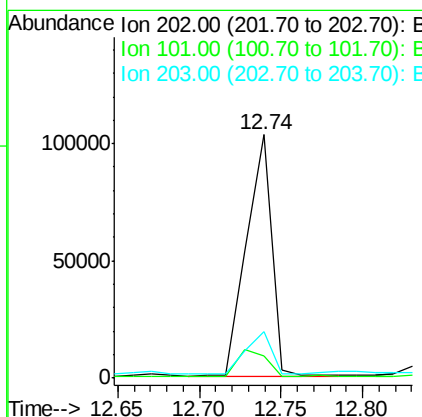
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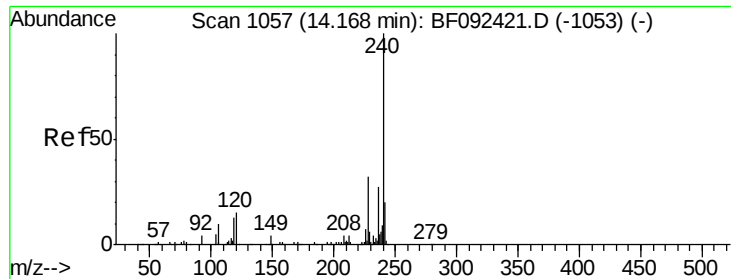
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#74
Fluoranthene
Concen: 5.36 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	34.6
203	19.0	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

Instrument :

BNA_F

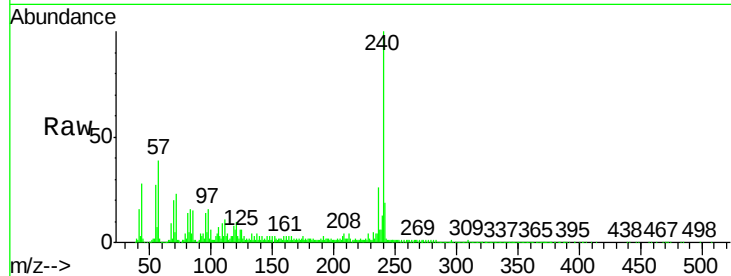
ClientSampleId :

CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	25.6	20.9	31.3

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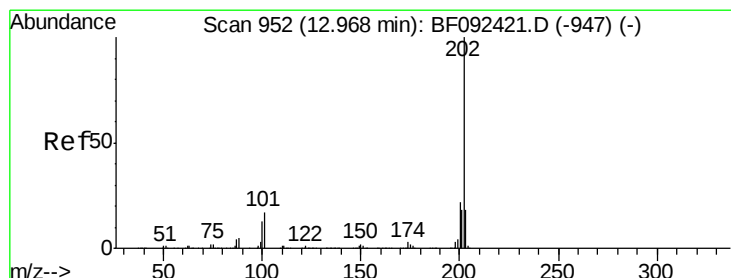
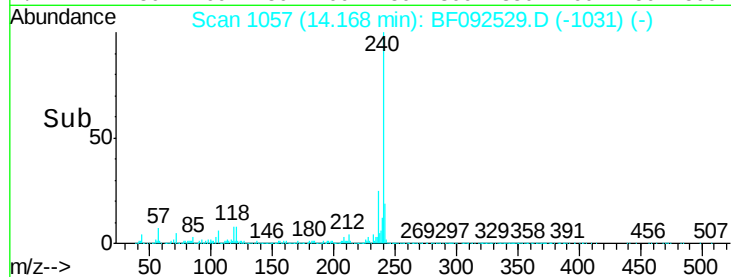
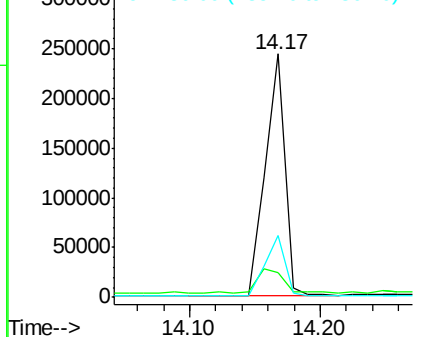
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.35 ng

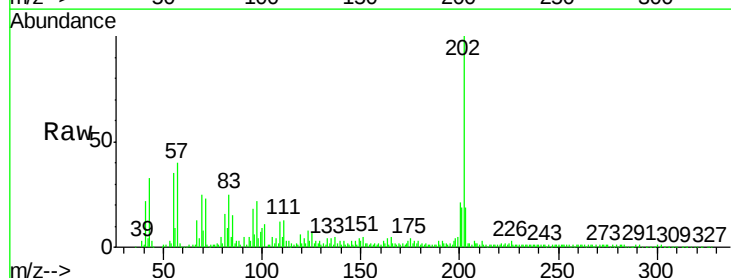
RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

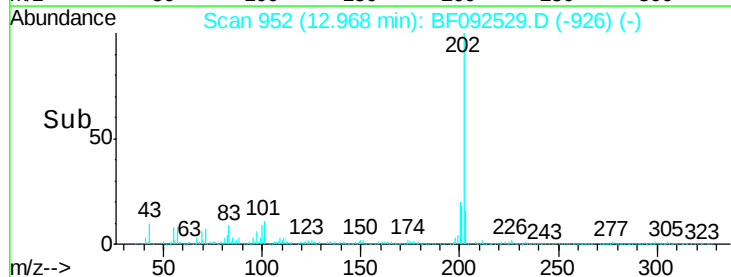
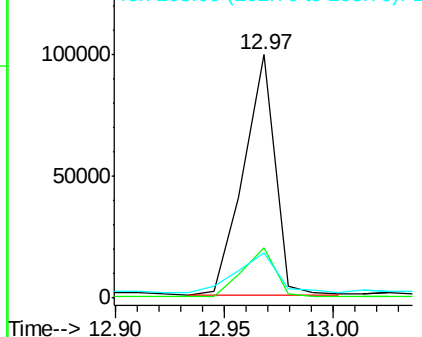
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	18.5	14.7	22.1

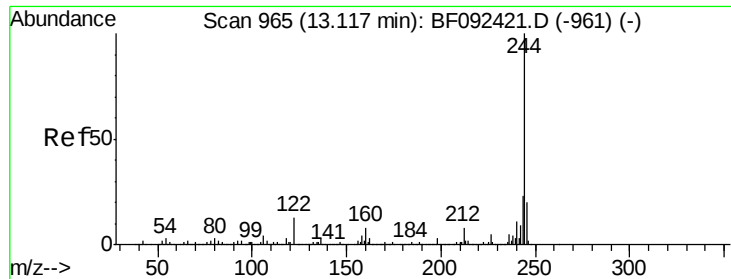


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.19 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

Instrument :

BNA_F

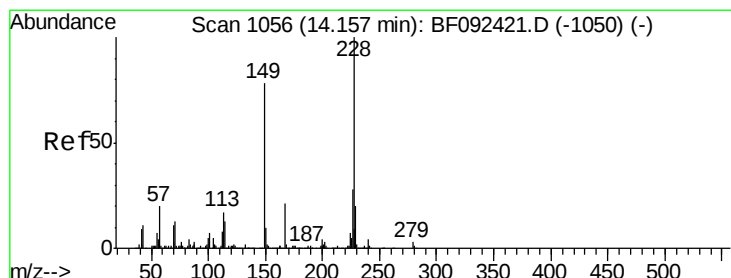
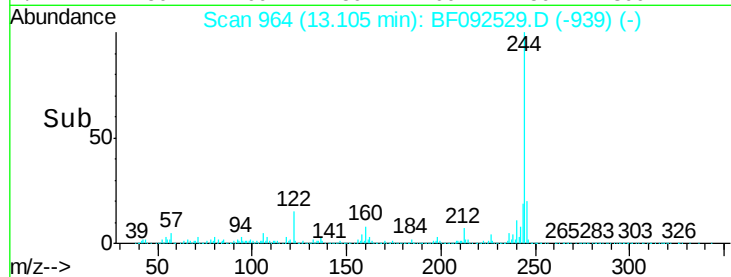
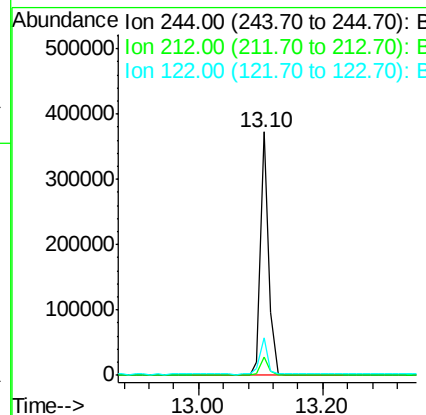
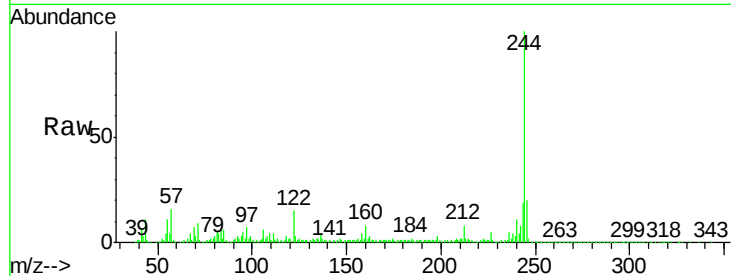
ClientSampleId :

CAS-SB-03-0-2

Tot Ion:	244	Resp:	340561
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	15.5	11.4	17.2

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#80

Benzo(a)anthracene

Concen: 2.66 ng

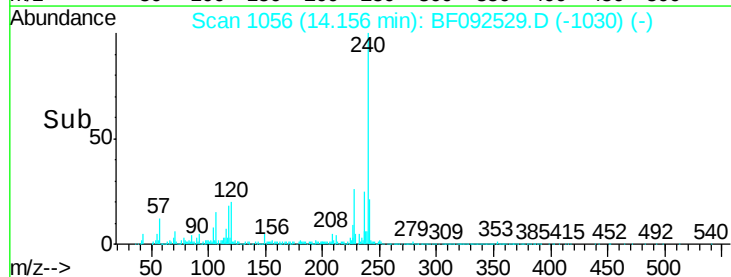
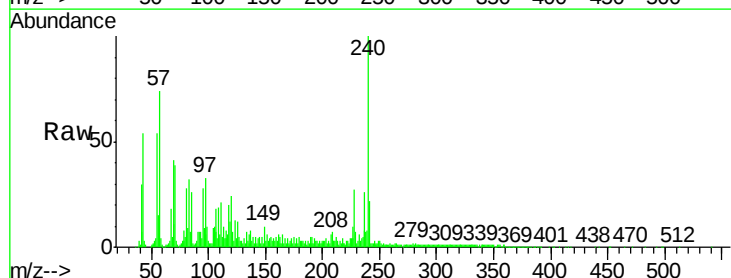
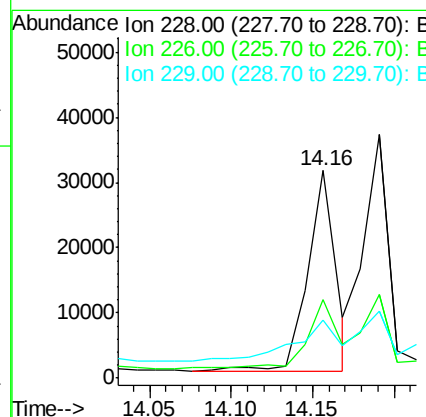
RT: 14.16 min Scan# 1056

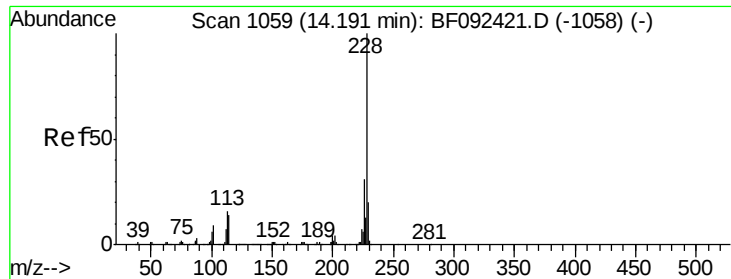
Delta R.T. -0.00 min

Lab File: BF092529.D

Acq: 26 Jan 2017 16:50

Tgt Ion:	228	Resp:	36867
Ion Ratio	Lower	Upper	
228	100		
226	37.8	22.4	33.6#
229	27.9	16.2	24.4#





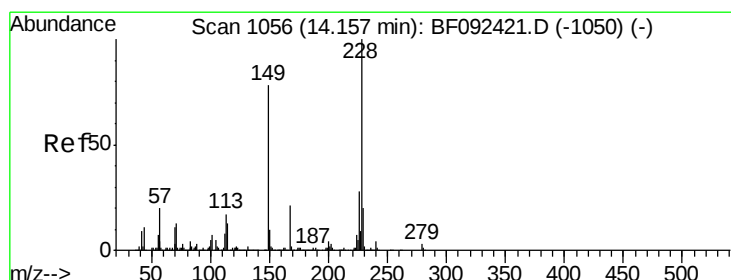
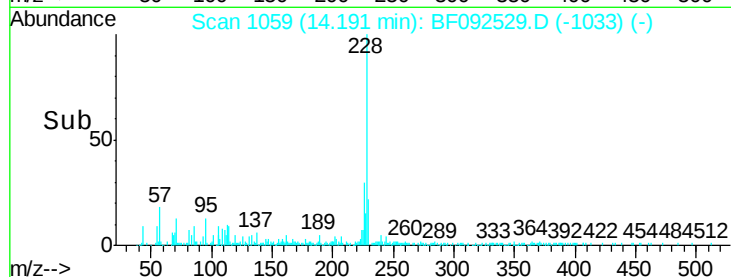
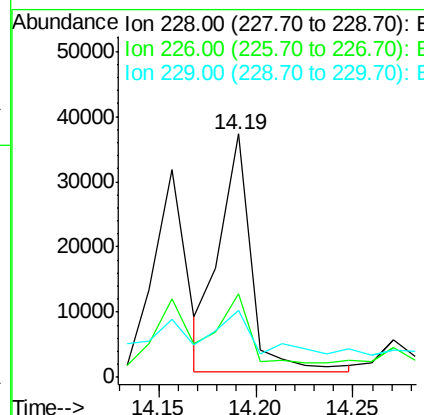
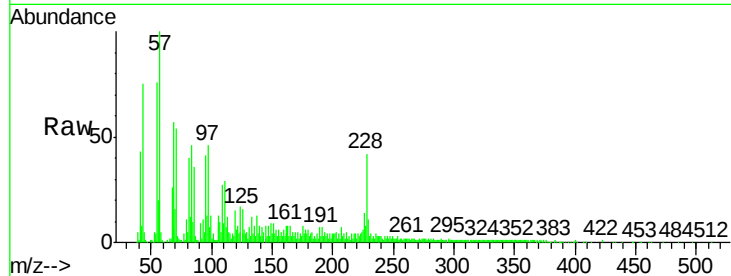
#82
Chrysene
Concen: 2.83 ng/ml
RT: 14.19 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.4	38.0
229	27.3	16.2	24.2

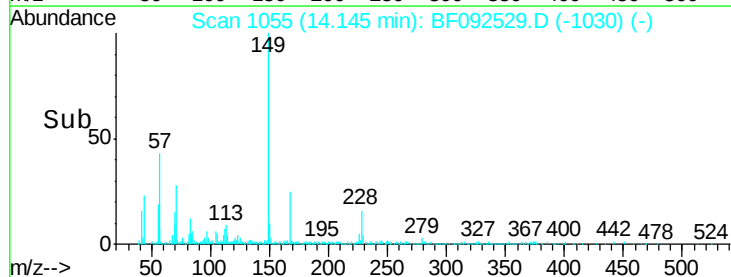
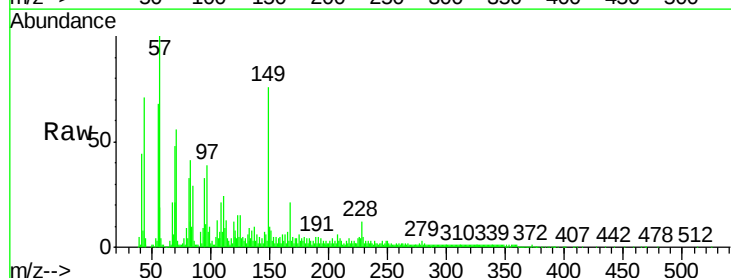
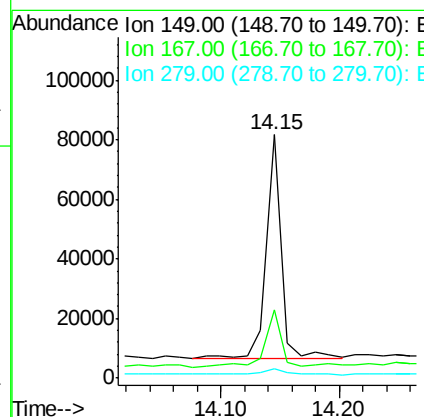
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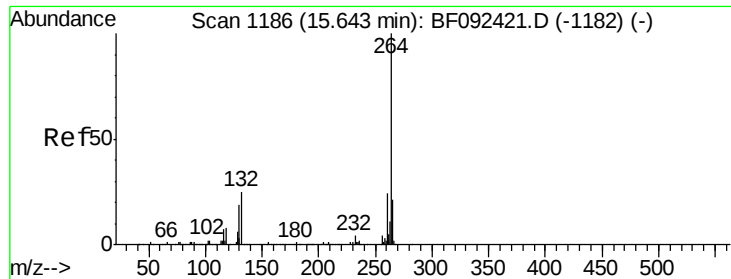
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#83
Bis(2-ethylhexyl)phthalate
Concen: 7.14 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.2	30.4
279	4.1	1.8	2.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092529.D
Acq: 26 Jan 2017 16:50

Instrument :
BNA_F
ClientSampleId :
CAS-SB-03-0-2

Tot Ion:	264	Resp:	189699
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	23.0	17.4	26.0

Manual Integrations
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