

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089527.D
 Acq On : 1 Aug 2016 23:26
 Operator : UM/SJ
 Sample : H4287-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Manual Integrations
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Quant Time: Aug 02 03:38:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 02:21:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	42204	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	146959	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	57344	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	91216	20.00	ng	0.00
75) Chrysene-d12	13.60	240	97114	20.00	ng	-0.01
86) Perylene-d12	14.94	264	82058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	266408	100.79	ng	0.01
7) Phenol-d6	6.15	99	353068	101.08	ng	0.00
23) Nitrobenzene-d5	7.05	82	198292	79.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	43000	90.54	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	337633	86.41	ng	-0.01
78) Terphenyl-d14	12.56	244	222755	53.68	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.31	82	32708	6.52	ng	97
49) Dimethylphthalate	9.24	163	129242	29.61	ng	99
70) Phenanthrene	11.01	178	71959	15.30	ng	99
71) Anthracene	11.05	178	20580	3.93	ng	97
73) Di-n-butylphthalate	11.57	149	17984	3.04	ng	# 98
74) Fluoranthene	12.18	202	144128	29.12	ng	99
77) Pyrene	12.40	202	122615m	16.66	ng	
80) Benzo(a)anthracene	13.59	228	68860	12.56	ng	97
82) Chrysene	13.62	228	55389	9.49	ng	98
83) Bis(2-ethylhexyl)phthalate	13.61	149	12477	2.58	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.09	276	25485	6.14	ng	# 91
87) Benzo(b)fluoranthene	14.59	252	84417m	16.57	ng	
88) Benzo(k)fluoranthene	14.61	252	17564m	3.75	ng	
89) Benzo(a)pyrene	14.88	252	49099	10.74	ng	95
91) Benzo(a,h,i)perylene	16.45	276	26614	7.52	ng	97

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

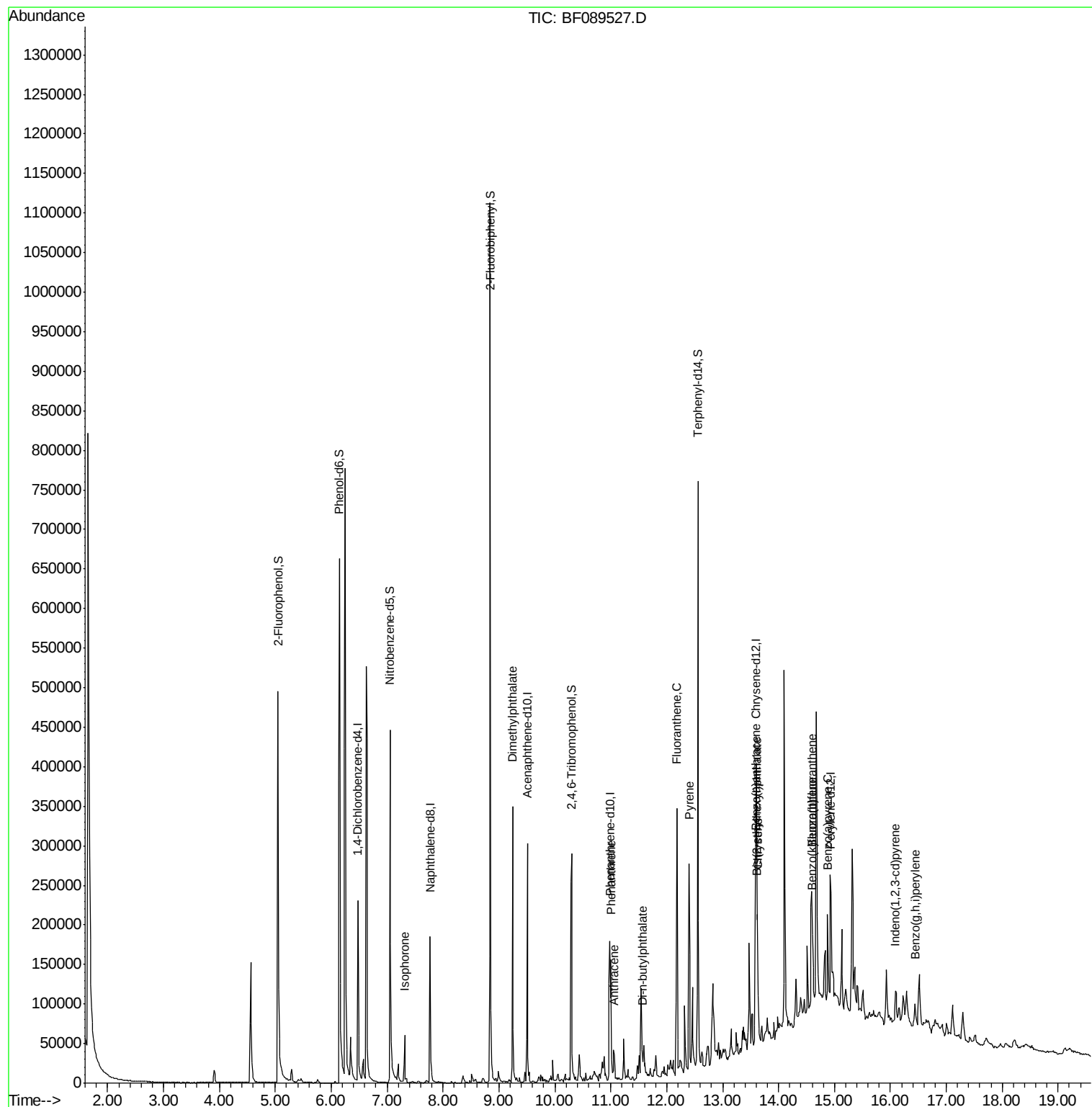
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
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ALS Vial : 22 Sample Multiplier: 1

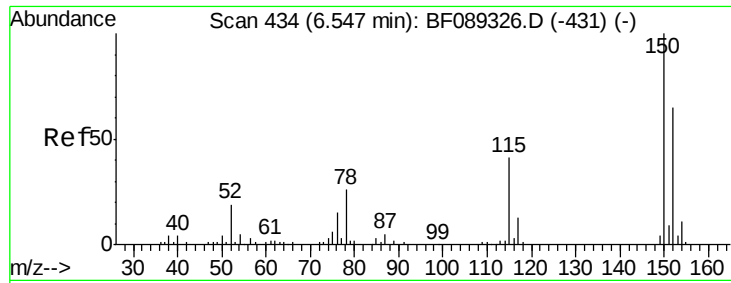
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Quant Time: Aug 02 03:38:24 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

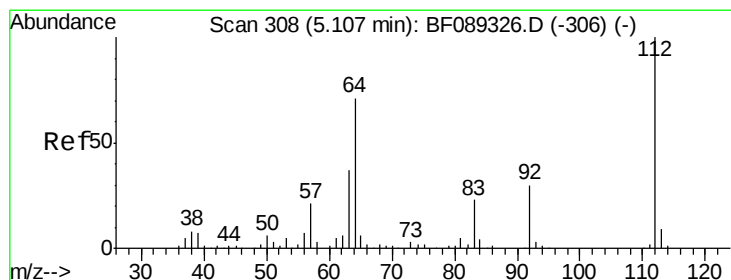
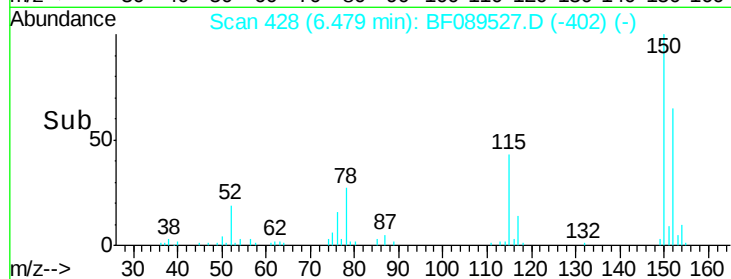
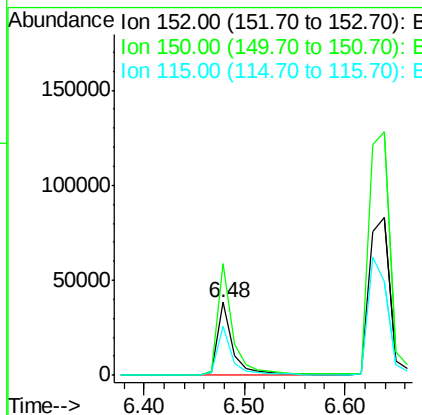
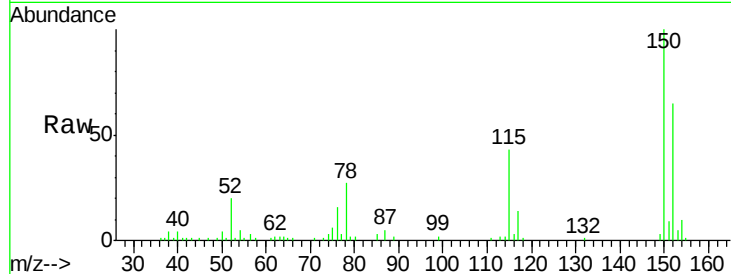
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	129.5	194.3
115	66.4	51.4	77.2

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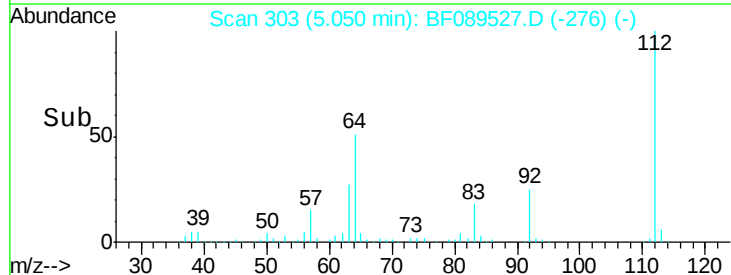
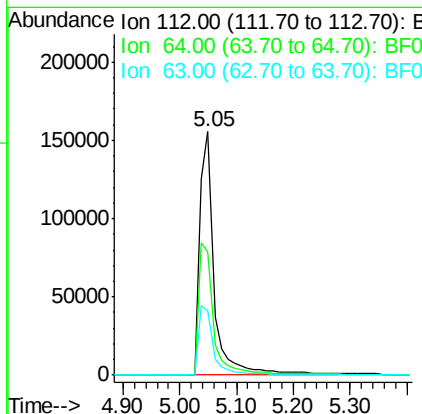
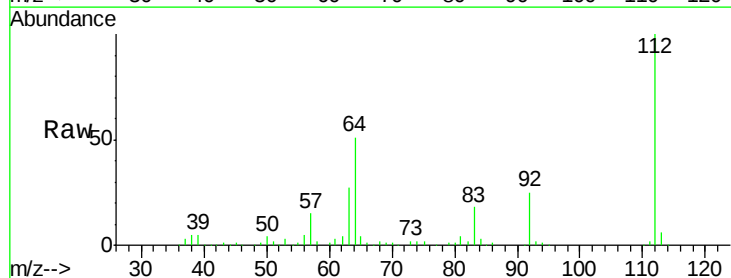
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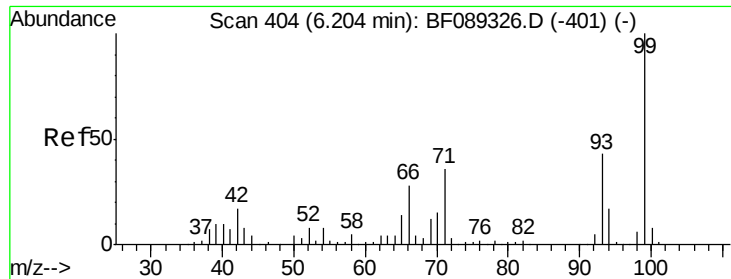


#5

2-Fluorophenol
Concen: 100.79 ng
RT: 5.05 min Scan# 303
Delta R.T. 0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	55.0	82.6#
63	26.6	29.4	44.2#





#7

Phenol-d6

Concen: 101.08 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Instrument :

BNA_F

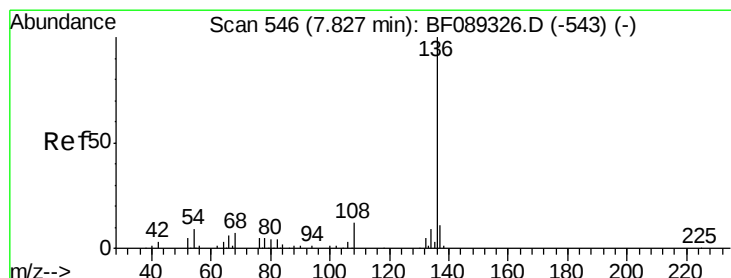
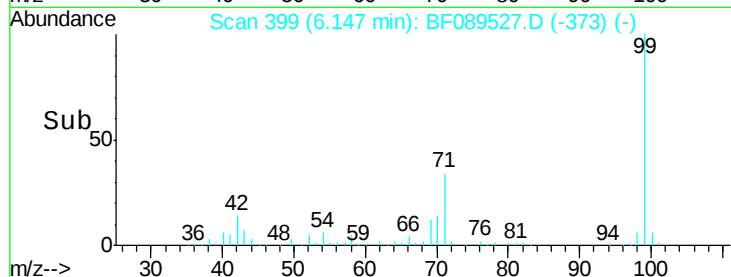
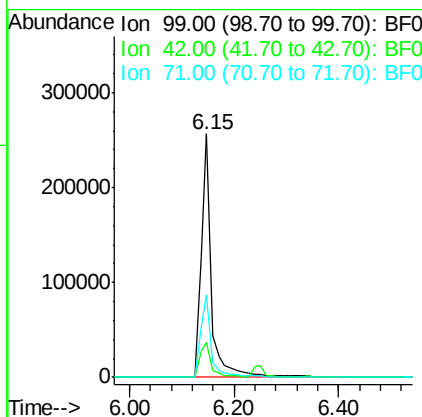
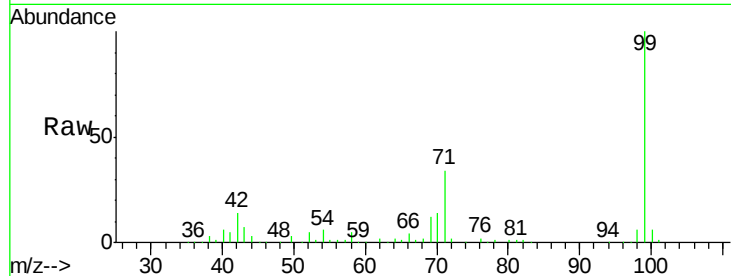
ClientSampleId :

SB-61-0.5-1.5

Tot Ion:	99	Resp:	353068
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.6	20.4
71	33.8	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

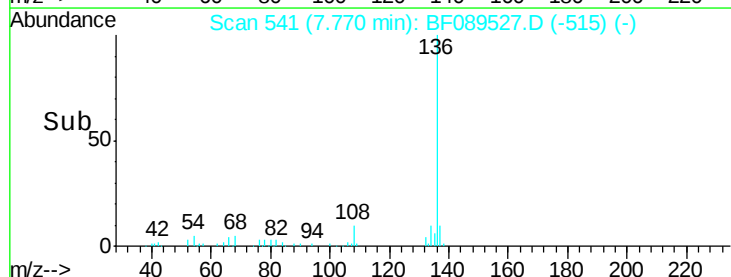
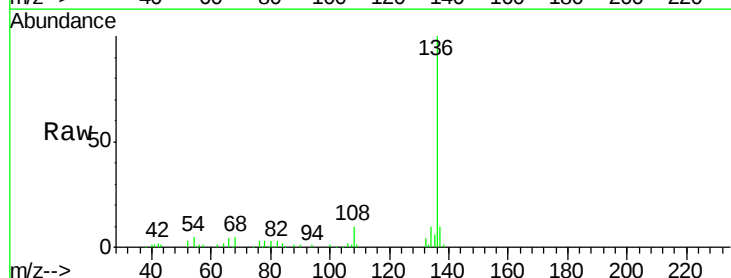
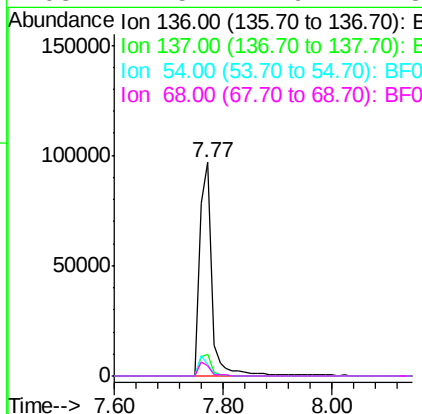
RT: 7.77 min Scan# 541

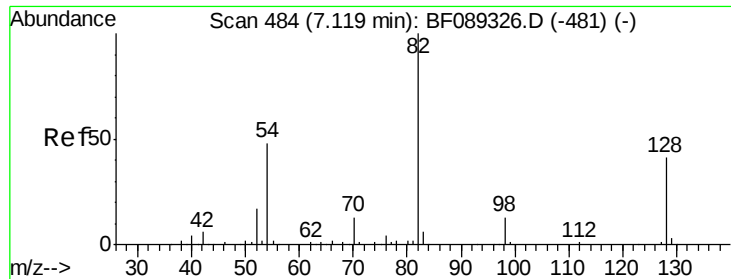
Delta R.T. 0.00 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Tgt Ion:	136	Resp:	146959
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.6	13.0
54	5.5	7.0	10.4#
68	4.5	4.9	7.3#





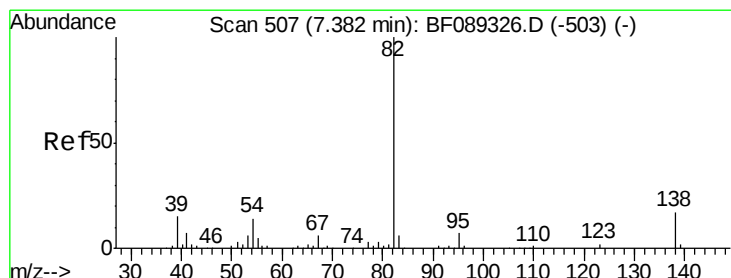
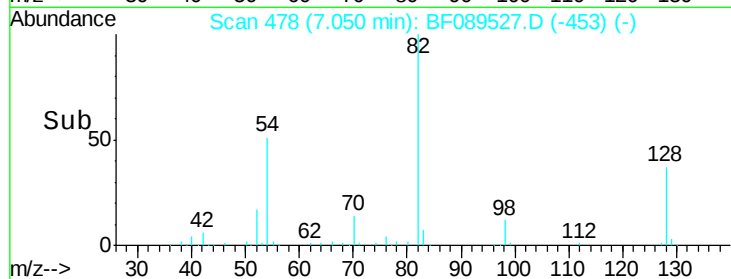
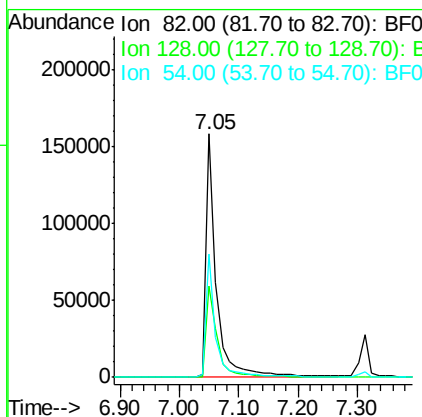
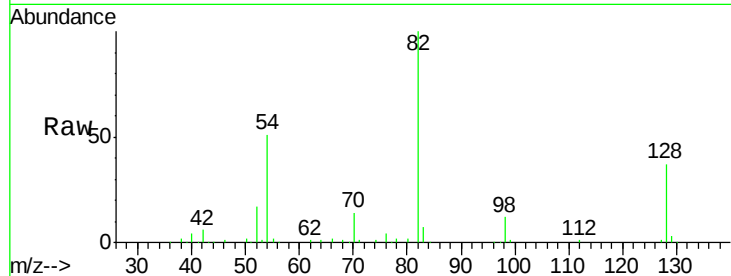
#23
 Nitrobenzene-d5
 Concen: 79.64 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100	198292		
128	37.3	32.5	48.7	
54	50.7	38.8	58.2	

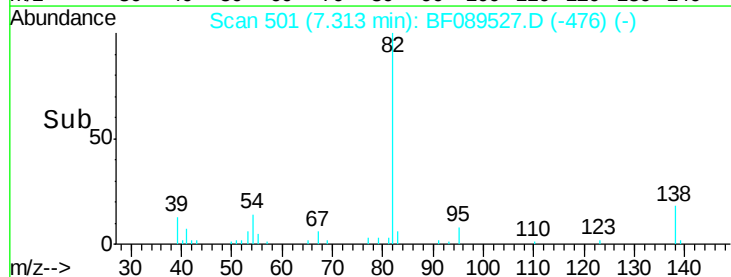
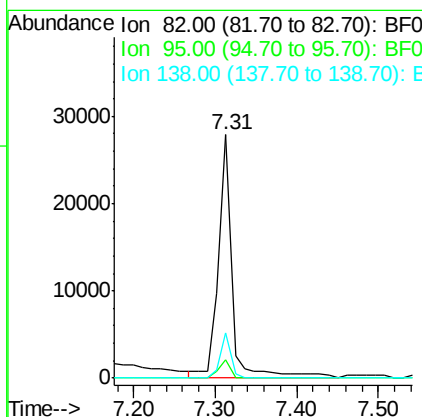
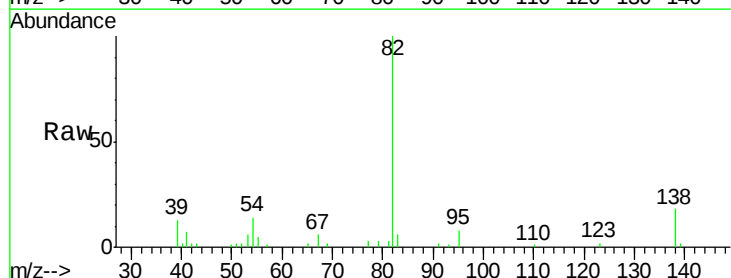
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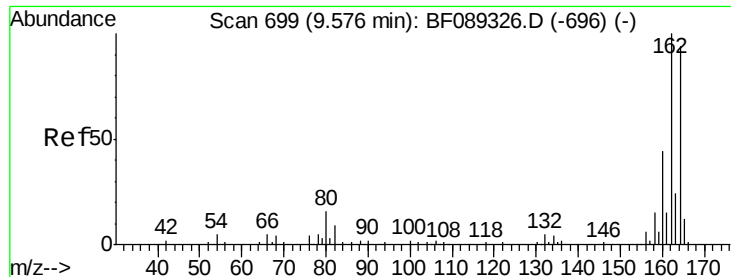
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#25
 Isophorone
 Concen: 6.52 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	32708		
95	7.6	6.0	9.0	
138	18.5	13.3	19.9	





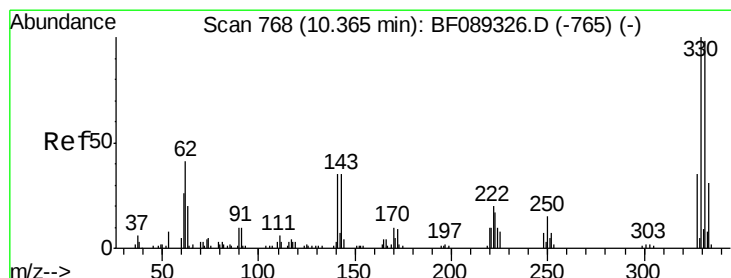
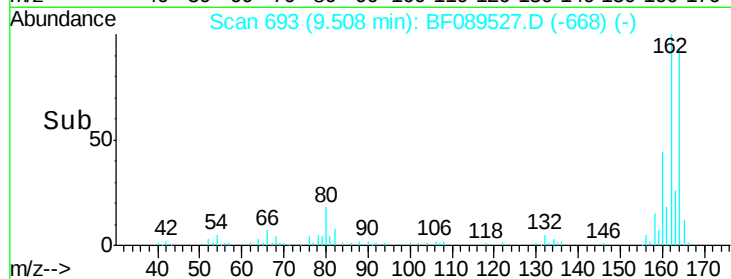
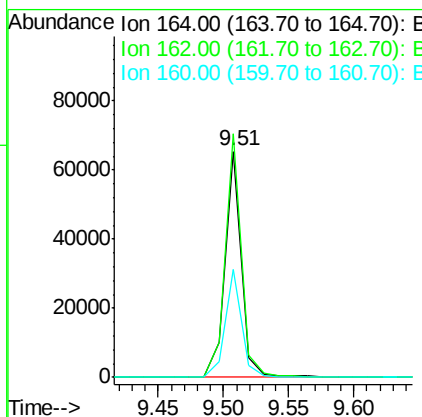
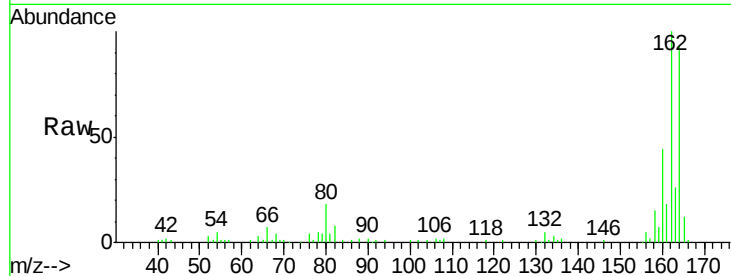
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.6	83.7	125.5
160	47.6	37.8	56.6

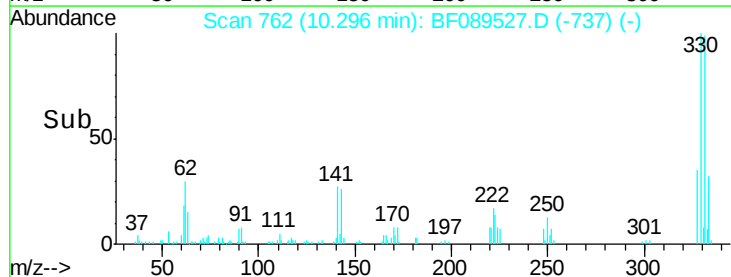
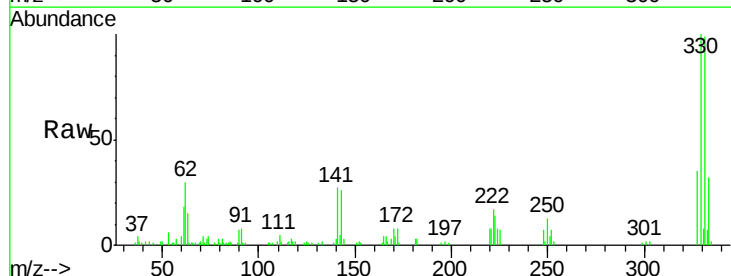
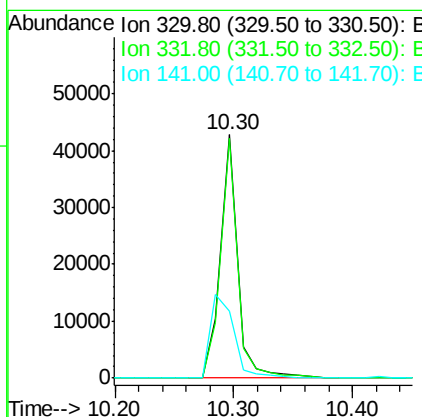
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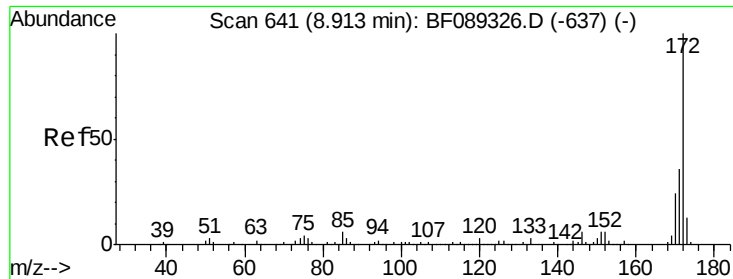
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#41
 2,4,6-Tribromophenol
 Concen: 90.54 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	47.2	37.3	55.9





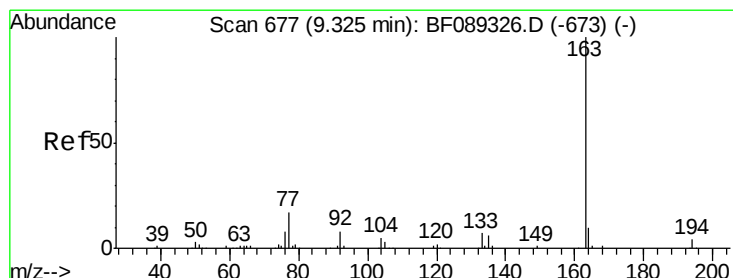
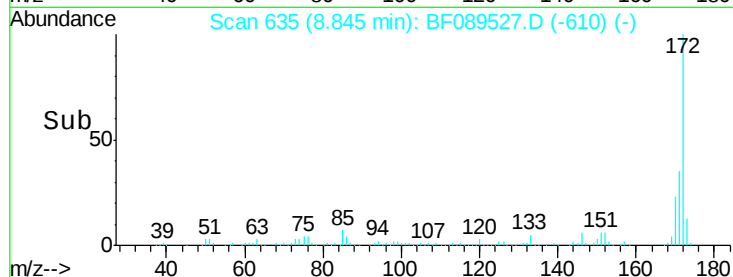
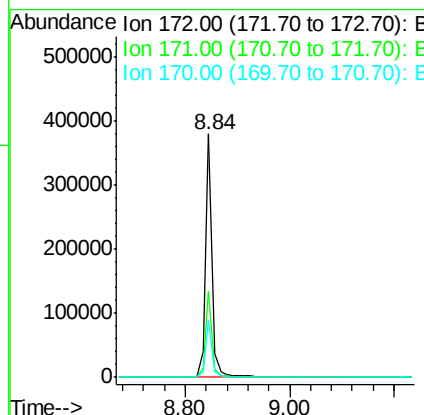
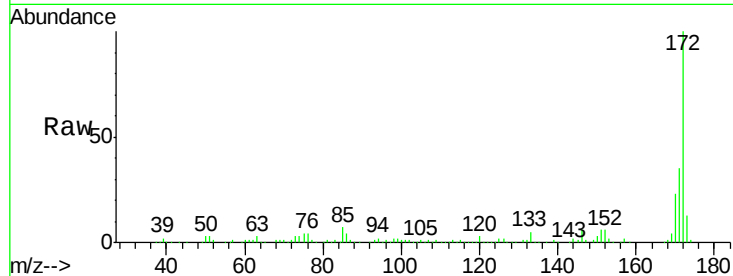
#44
2-Fluorobiphenyl
Concen: 86.41 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tot Ion	Ratio	Resp	Lower	Upper
172	100	337633		
171	35.4	29.2	43.8	
170	23.1	19.2	28.8	

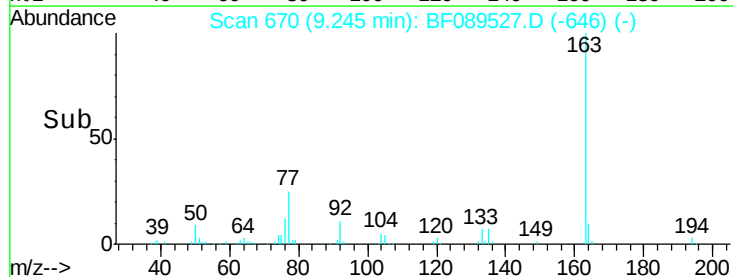
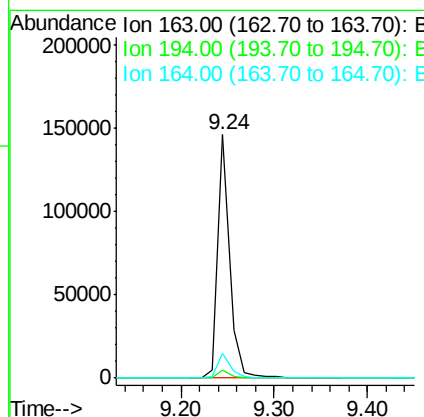
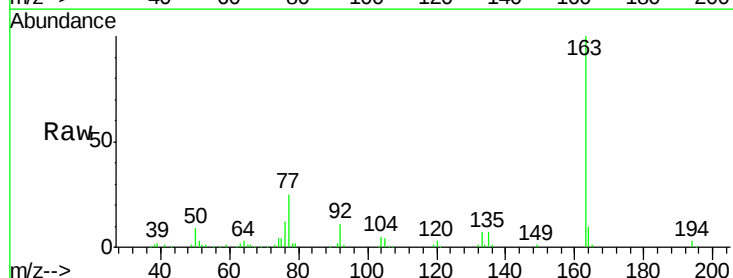
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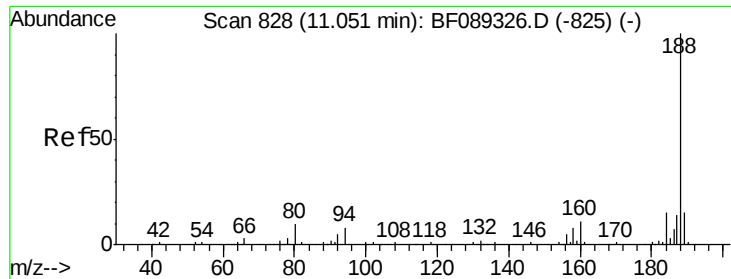
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#49
Dimethylphthalate
Concen: 29.61 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	129242		
194	3.2	2.8	4.2	
164	10.3	7.8	11.8	





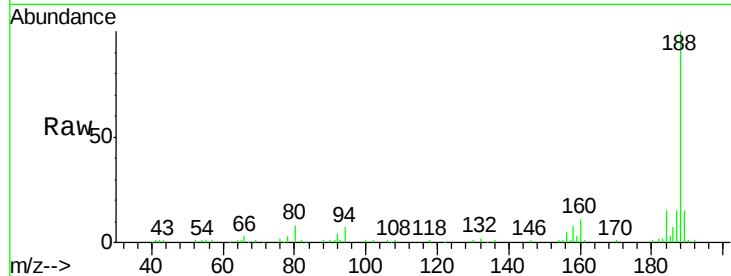
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

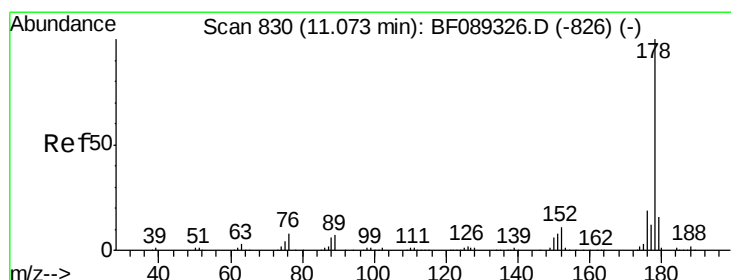
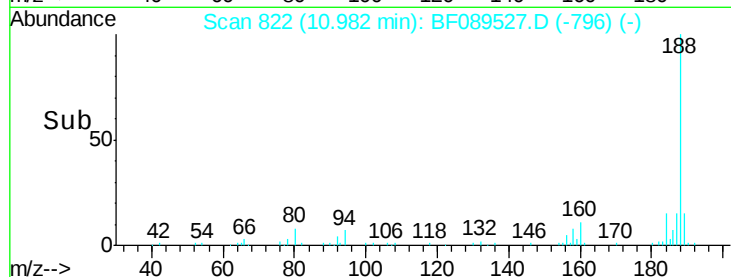
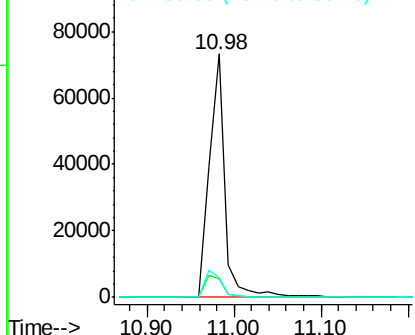
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.5	9.7
80	8.3	7.2	10.8

Manual Integrations
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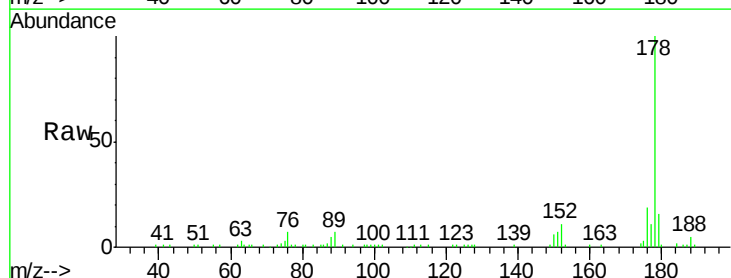


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

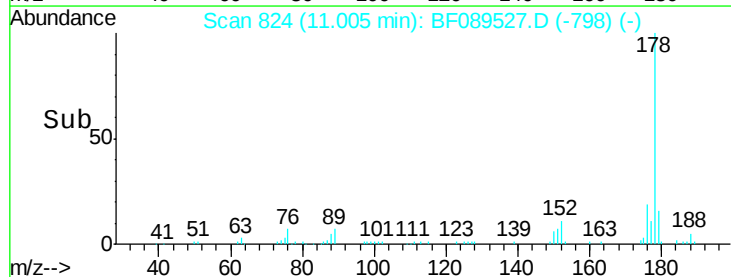
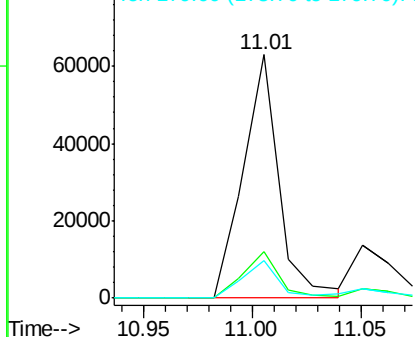


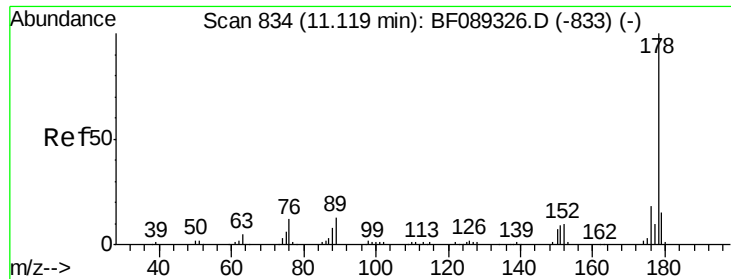
#70
Phenanthrene
Concen: 15.30 ng
RT: 11.01 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.3	18.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





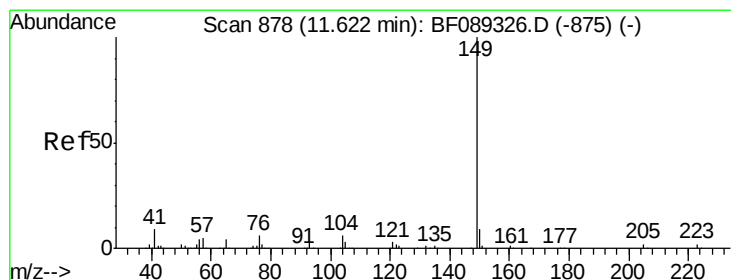
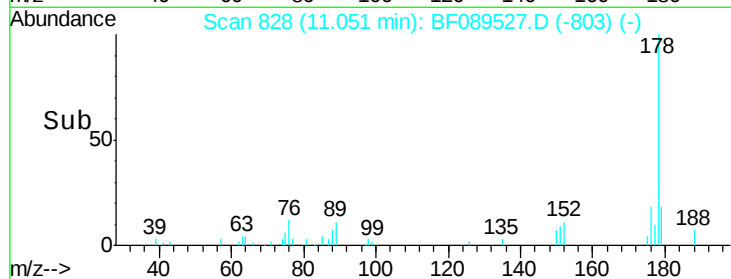
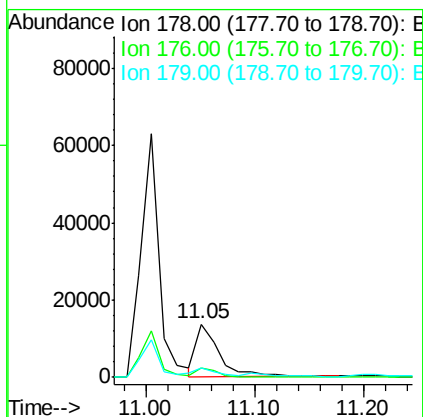
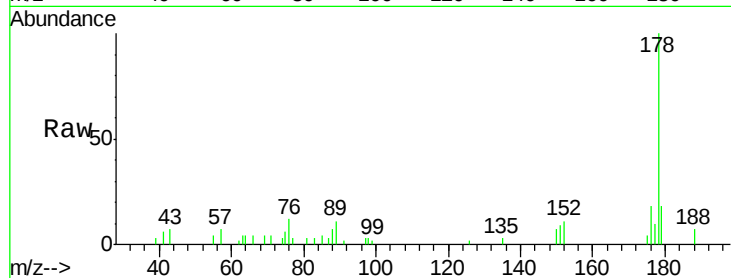
#71
 Anthracene
 Concen: 3.93 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	18.3	12.6	18.8

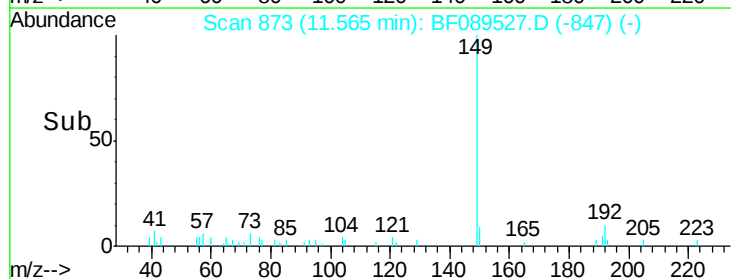
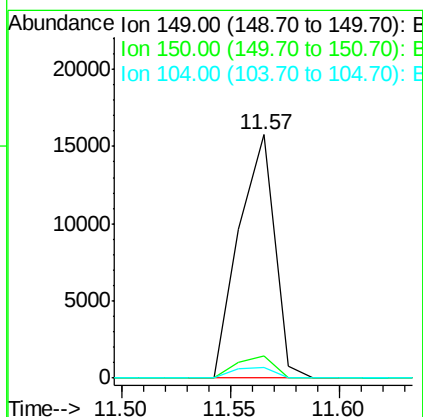
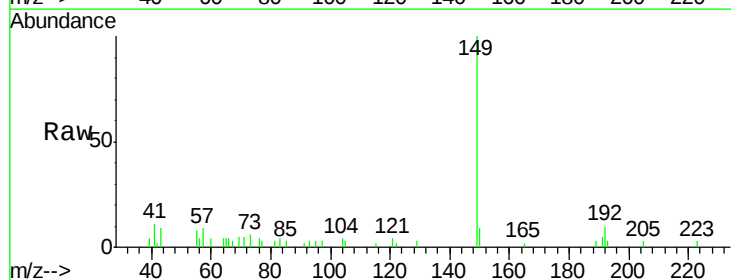
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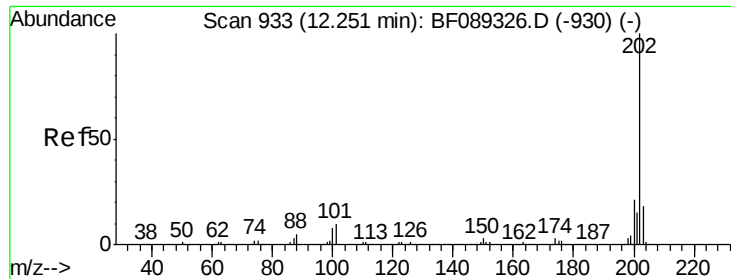
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#73
 Di-n-butylphthalate
 Concen: 3.04 ng
 RT: 11.57 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.2	4.7	7.1#





#74

Fluoranthene

Concen: 29.12 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Instrument :

BNA_F

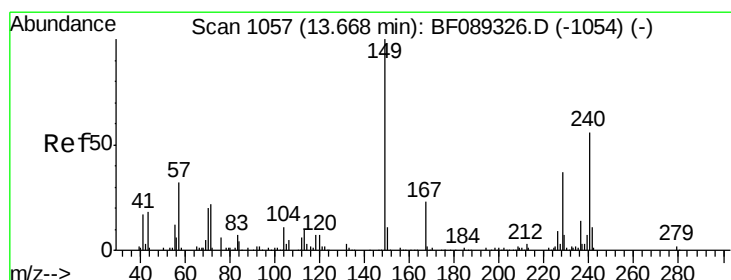
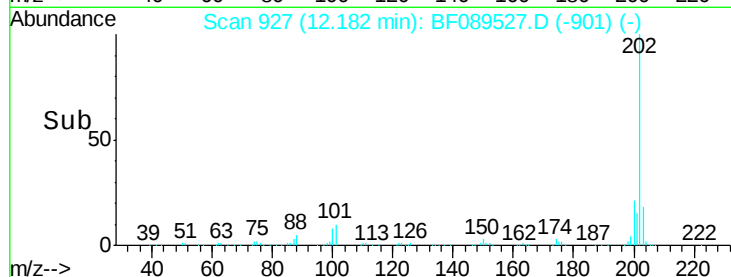
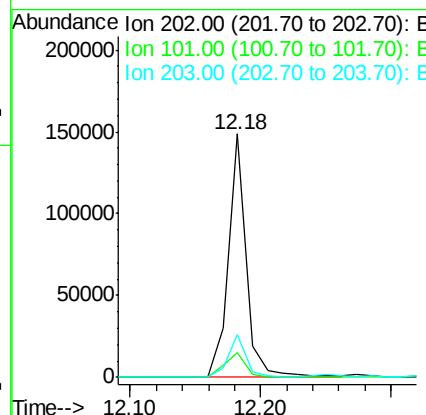
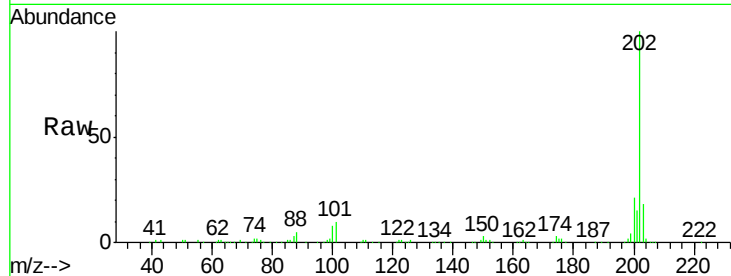
ClientSampleId :

SB-61-0.5-1.5

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.3	0.0	29.9	
203	17.6	0.0	37.3	

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#75

Chrysene-d12

Concen: 20.00 ng

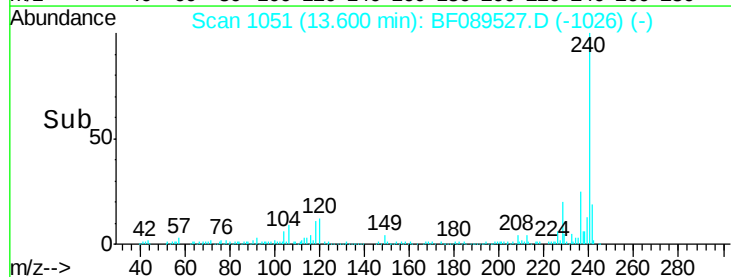
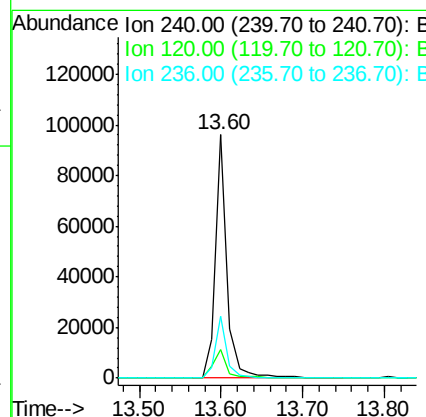
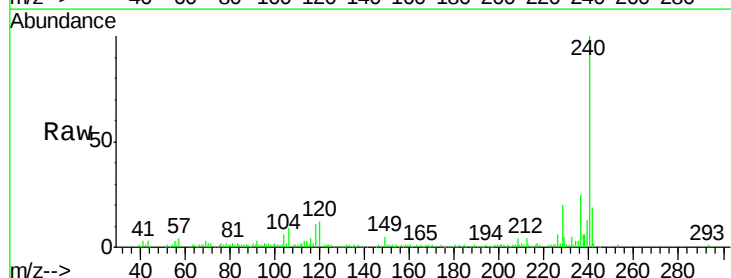
RT: 13.60 min Scan# 1051

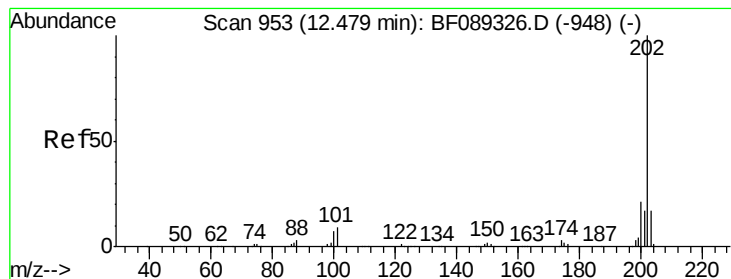
Delta R.T. -0.01 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.8	9.1	13.7	
236	25.4	20.6	30.8	





#77

Pvrene

Concen: 16.66 ng/mL

RT: 12.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Instrument :

BNA_F

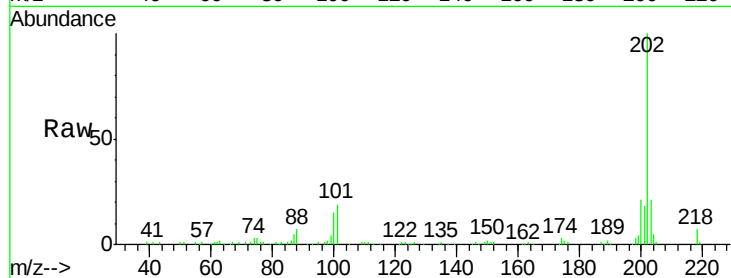
ClientSampleId :

SB-61-0.5-1.5

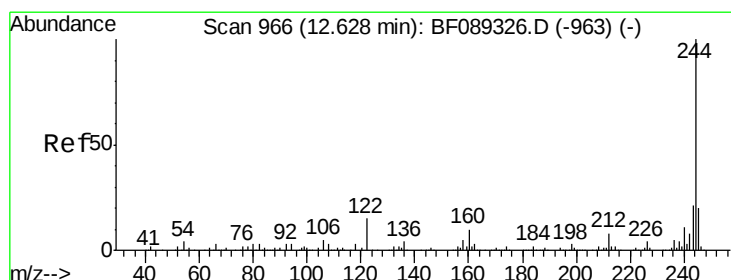
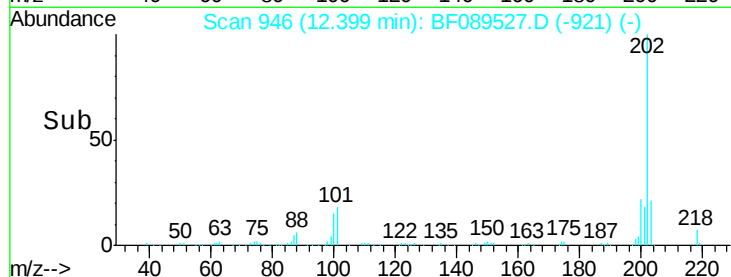
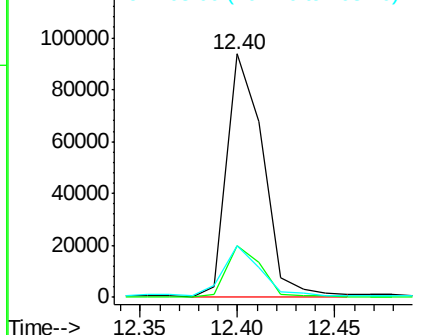
Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	16.9	25.3
203	21.3	14.0	21.0

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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: 53.68 ng/mL

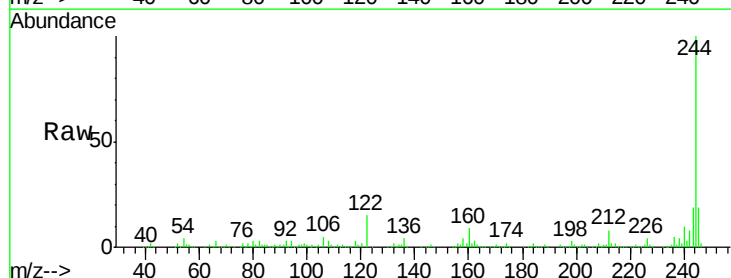
RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

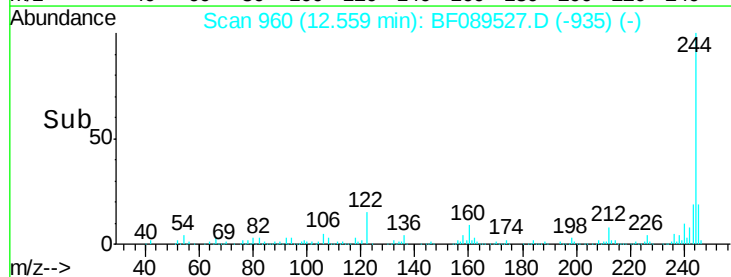
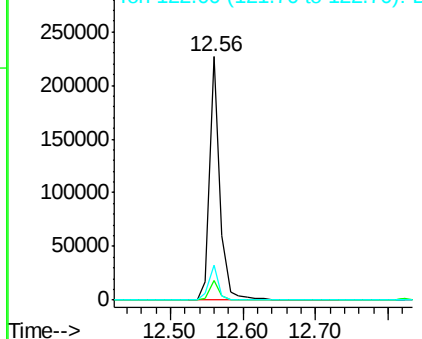
Lab File: BF089527.D

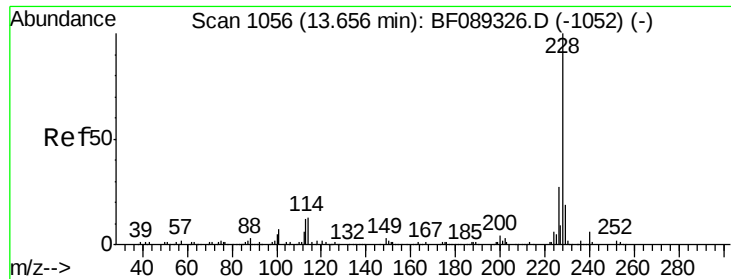
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	6.5	9.7
122	14.6	11.4	17.0



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





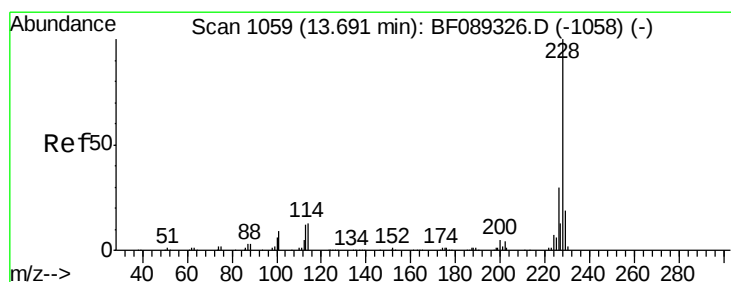
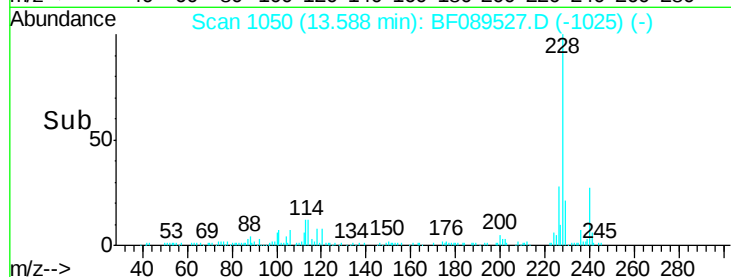
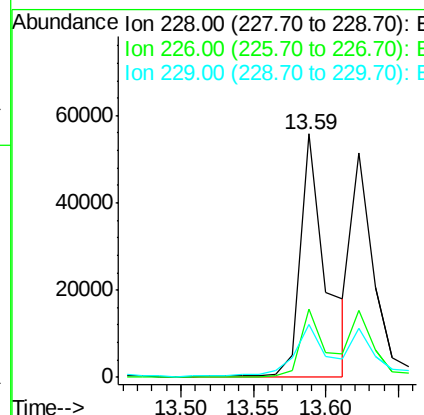
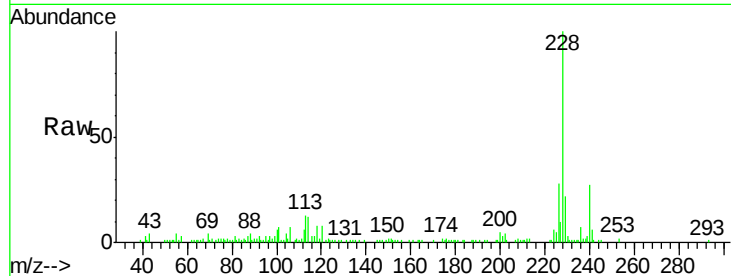
#80
Benzo(a)anthracene
Concen: 12.56 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.2
229	21.6	15.9	23.9

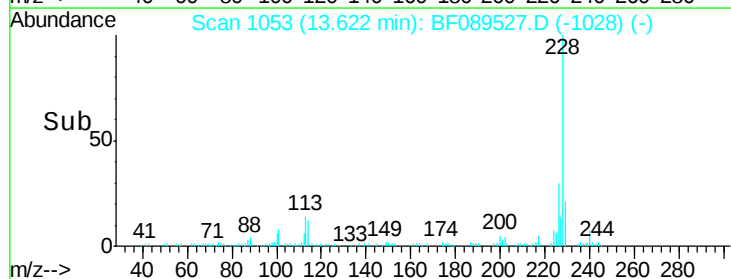
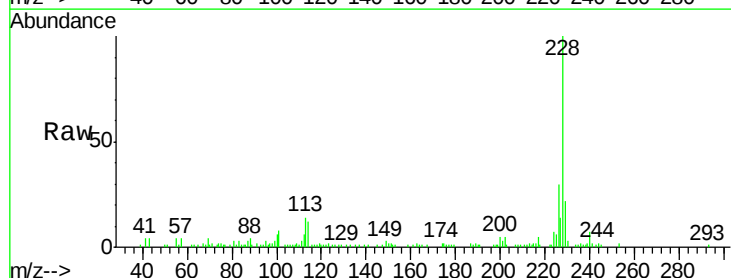
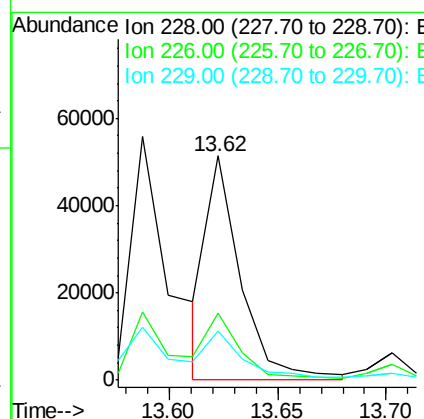
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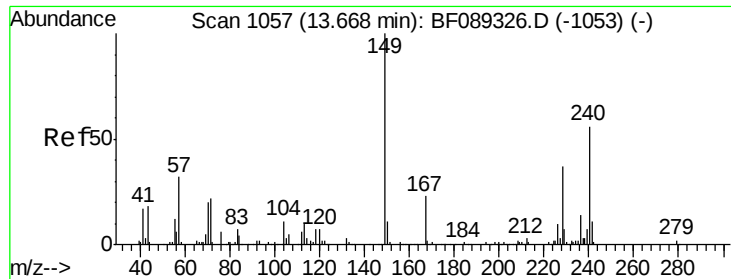
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#82
Chrysene
Concen: 9.49 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	22.0	15.9	23.9





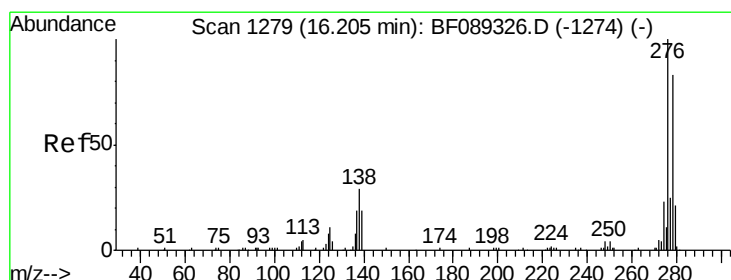
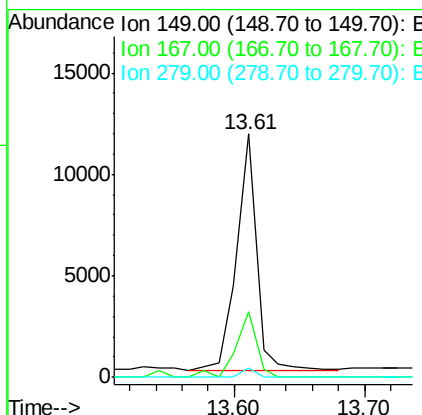
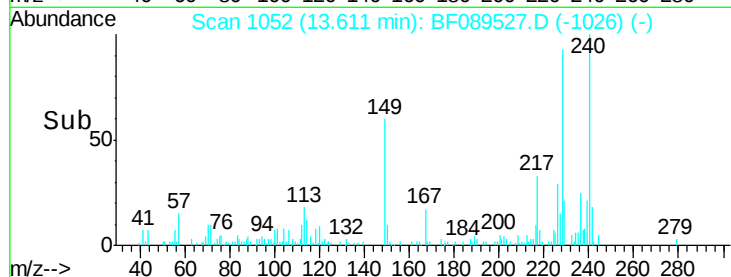
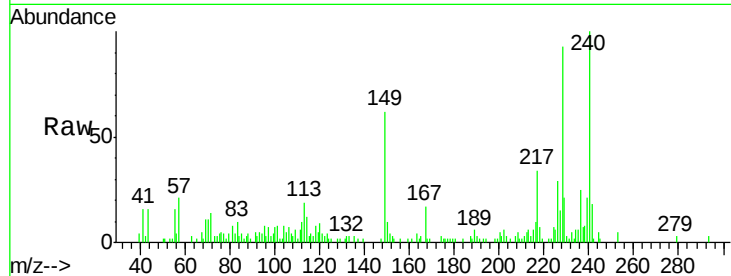
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.58 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	18.8	28.2
279	4.1	1.4	2.0

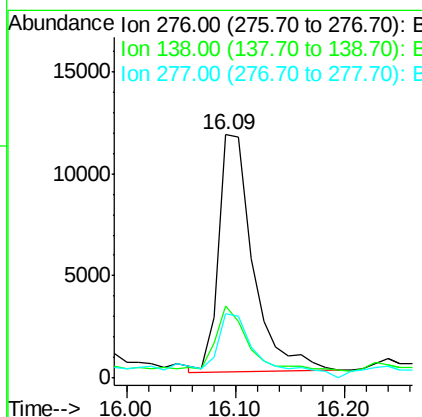
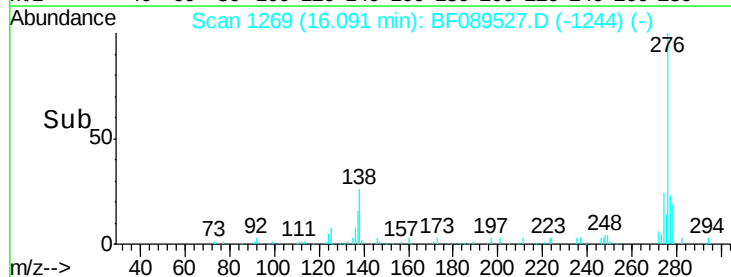
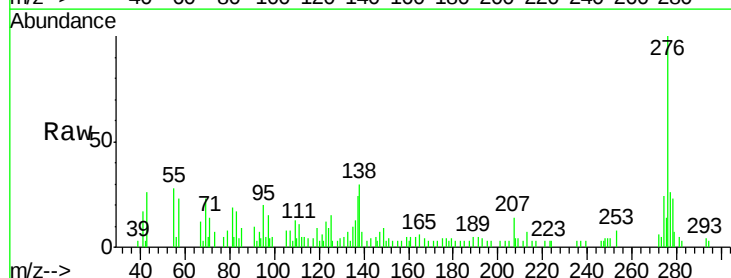
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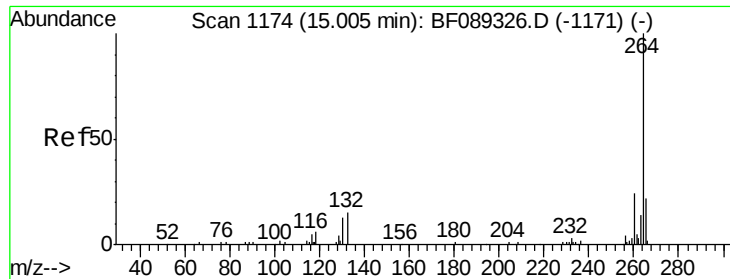
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.14 ng
 RT: 16.09 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.0	34.4
277	31.7	20.2	30.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Instrument :

BNA_F

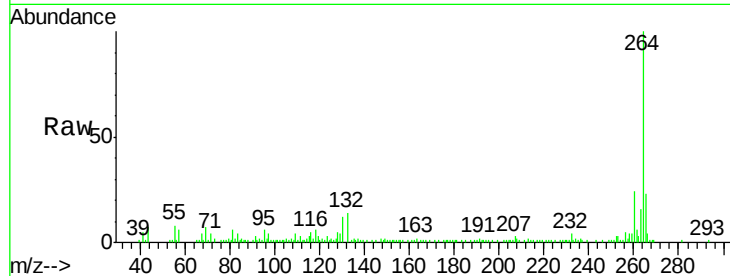
ClientSampleId :

SB-61-0.5-1.5

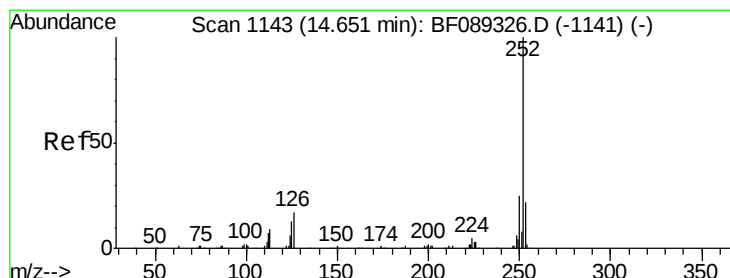
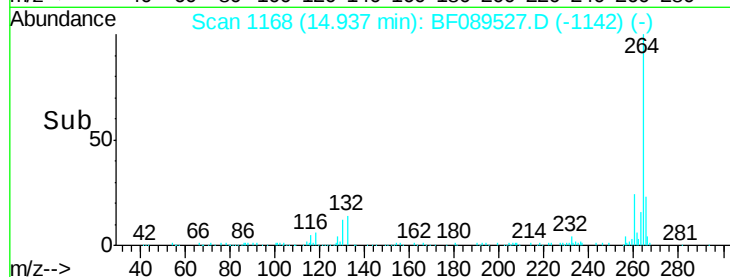
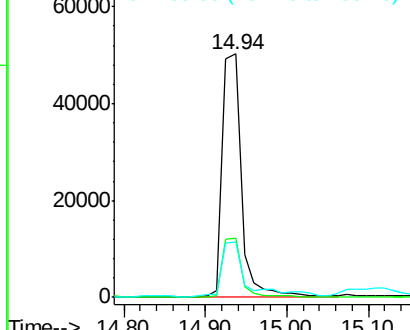
Tot Ion:	264	Resp:	82058
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.0	28.4
265	22.7	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 16.57 ng m

RT: 14.59 min Scan# 1138

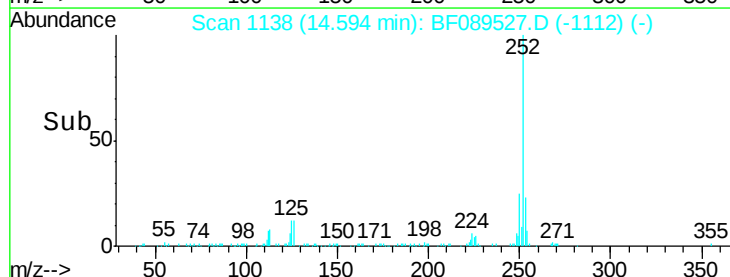
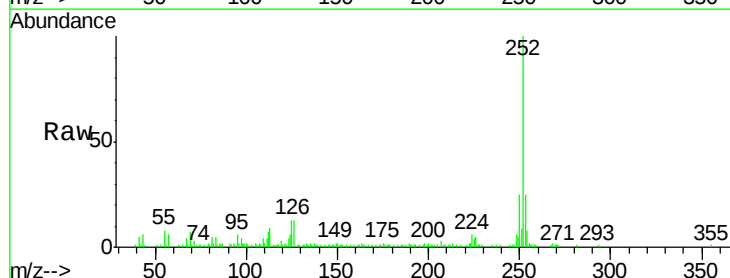
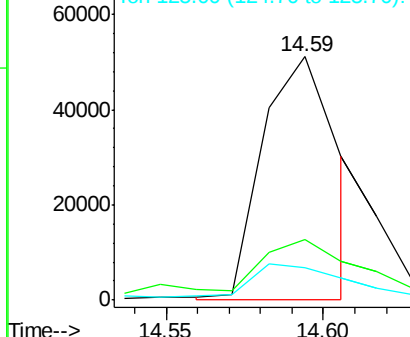
Delta R.T. 0.00 min

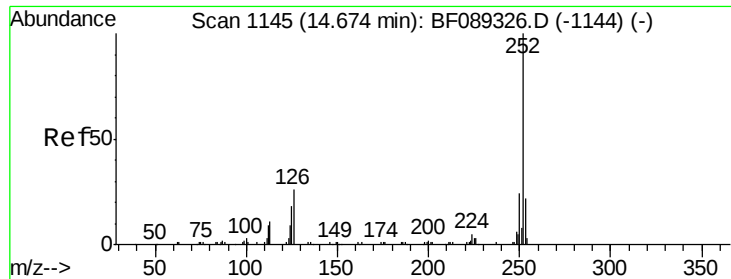
Lab File: BF089527.D

Acq: 1 Aug 2016 23:26

Tgt Ion:	252	Resp:	84417
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	13.5	9.7	14.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





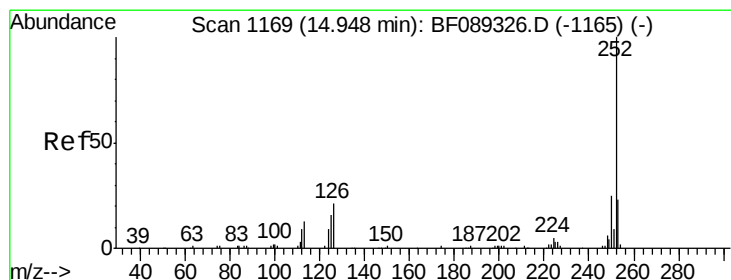
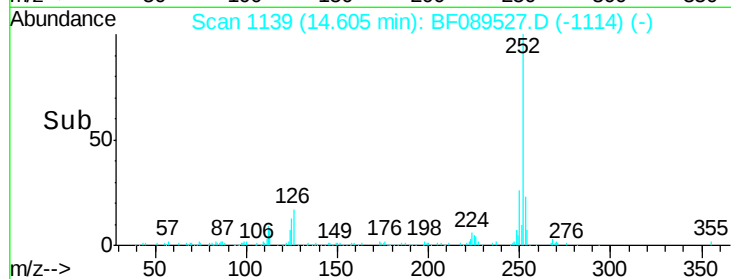
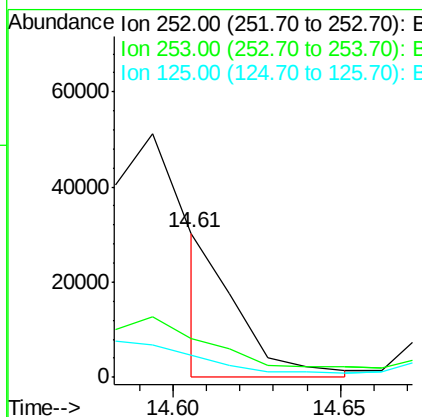
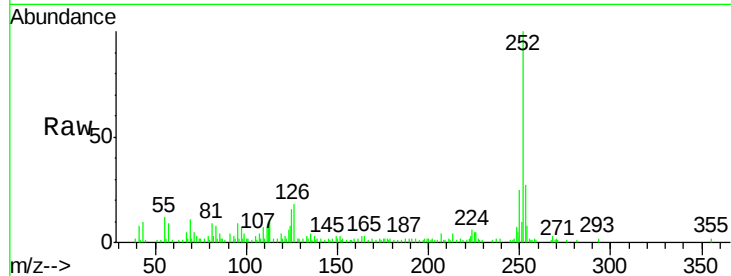
#88
Benzo(k)fluoranthene
Concen: 3.75 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Instrument :
BNA_F
ClientSampleId :
SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.8	26.8
125	15.6	10.7	16.1

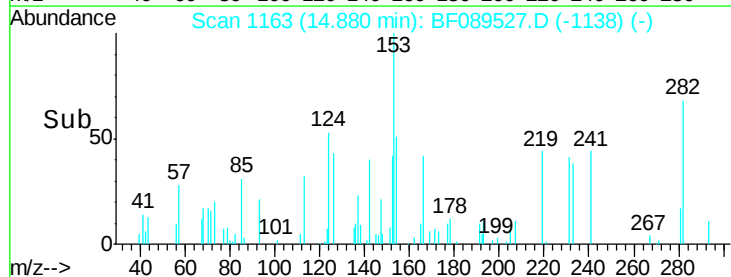
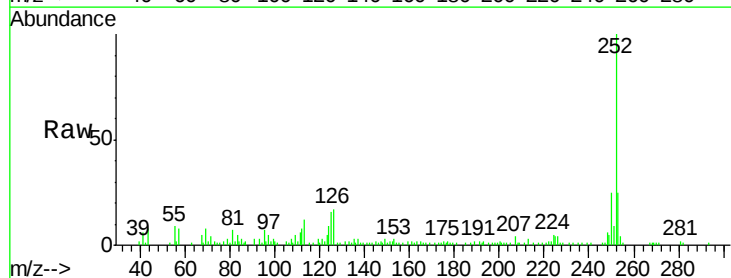
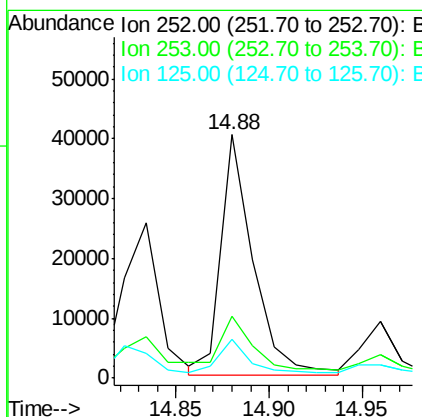
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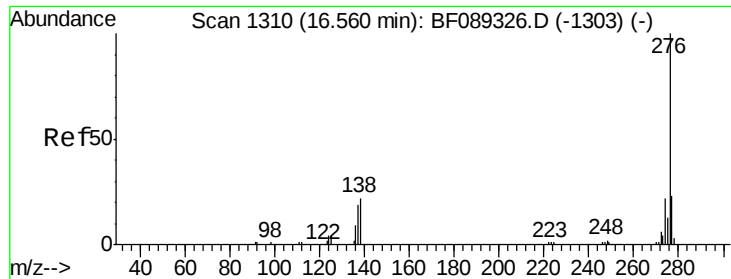
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#89
Benzo(a)pyrene
Concen: 10.74 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF089527.D
Acq: 1 Aug 2016 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.4	26.2
125	16.2	12.4	18.6





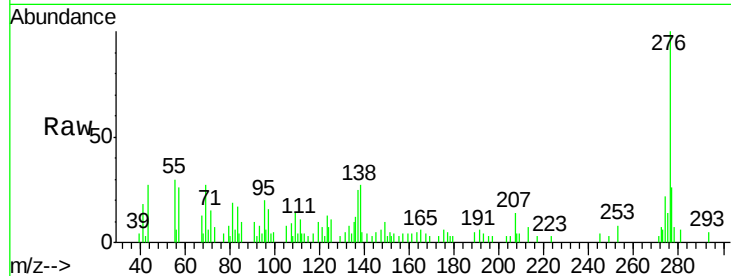
#91
 Benzo(a,h,i)perylene
 Concen: 7.52 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF089527.D
 Acq: 1 Aug 2016 23:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-61-0.5-1.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	18.6	28.0
138	27.2	21.4	32.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

