

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089535.D
 Acq On : 2 Aug 2016 3:25
 Operator : UM/SJ
 Sample : H4288-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-0.5-1.5

Manual Integrations
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Quant Time: Aug 02 04:01:53 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	34165	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	115689	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	48779	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	81958	20.00	ng	0.00
75) Chrysene-d12	13.60	240	92120	20.00	ng	-0.01
86) Perylene-d12	14.93	264	78110	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	226933	106.06	ng	0.01
7) Phenol-d6	6.15	99	277953	98.30	ng	0.00
23) Nitrobenzene-d5	7.05	82	168958	86.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	37813	93.60	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	266589	80.21	ng	-0.01
78) Terphenyl-d14	12.56	244	201873	51.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	44259	11.92	ng	99
70) Phenanthrene	11.01	178	68555	16.22	ng	98
71) Anthracene	11.05	178	24790	5.27	ng	98
73) Di-n-butylphthalate	11.57	149	20500	3.86	ng	# 97
74) Fluoranthene	12.18	202	155113	34.89	ng	99
77) Pyrene	12.40	202	143615	20.57	ng	97
80) Benzo(a)anthracene	13.59	228	90842	17.47	ng	97
82) Chrysene	13.62	228	69917	12.63	ng	98
85) Indeno(1,2,3-cd)pyrene	16.09	276	36733	9.34	ng	# 85
87) Benzo(b)fluoranthene	14.59	252	109366m	22.55	ng	
88) Benzo(k)fluoranthene	14.61	252	23087m	5.18	ng	
89) Benzo(a)pyrene	14.88	252	66406	15.26	ng	97
90) Dibenzo(a,h)anthracene	16.09	278	13788	4.02	ng	# 79
91) Benzo(g,h,i)perylene	16.43	276	36230	10.75	ng	99

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

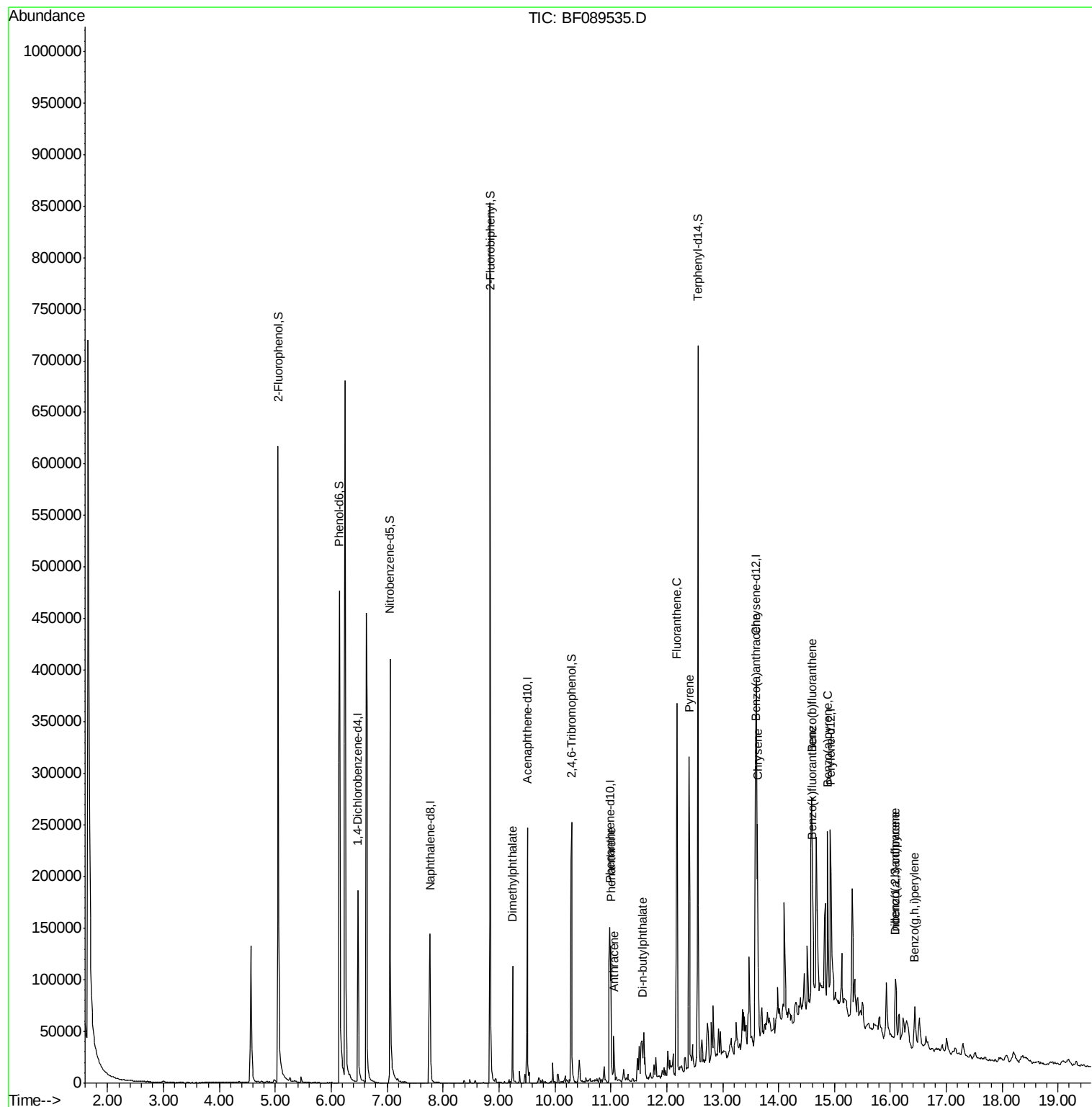
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089535.D
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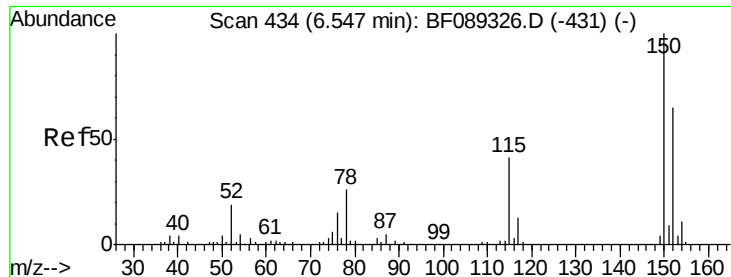
Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

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Quant Time: Aug 02 04:01:53 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

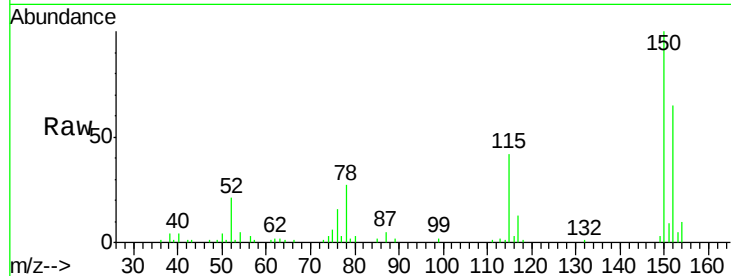
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampled :
SB-66-0.5-1.5

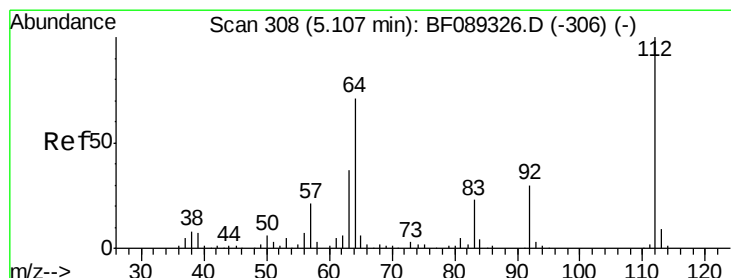
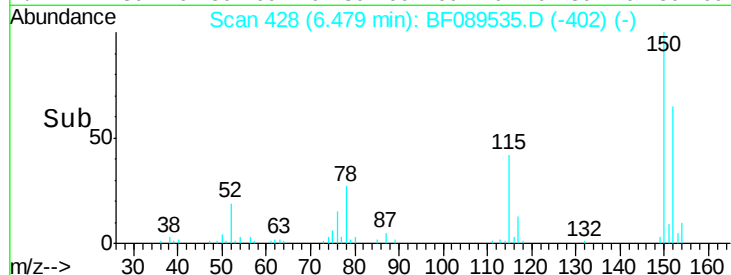
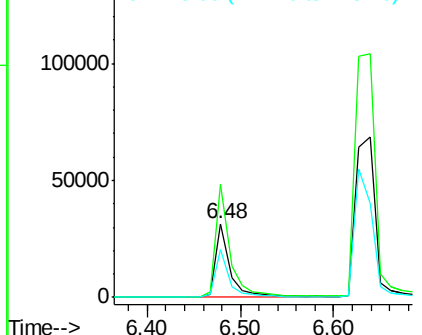
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	129.5	194.3
115	65.3	51.4	77.2

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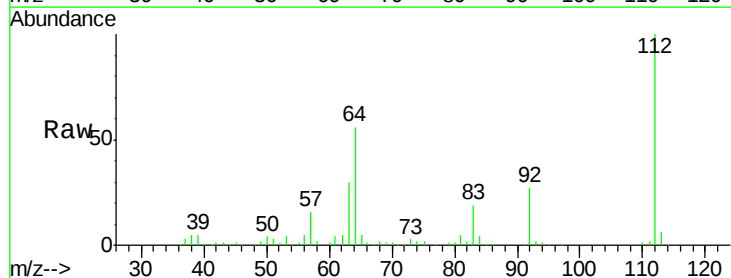
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



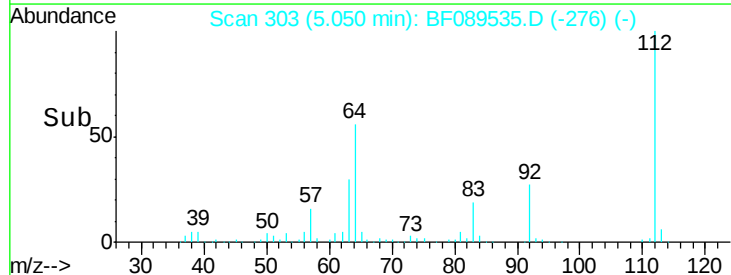
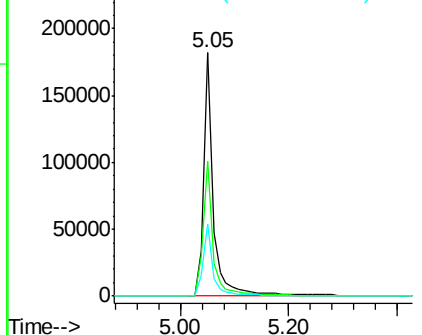
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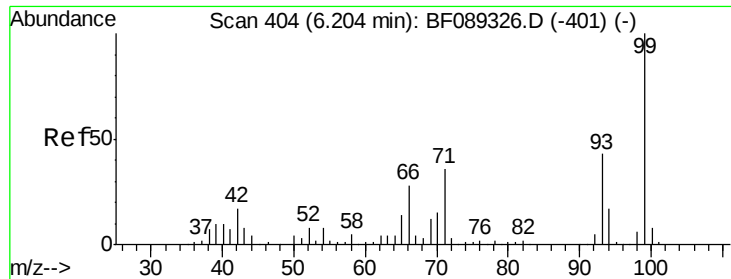
2-Fluorophenol
Concen: 106.06 ng
RT: 5.05 min Scan# 303
Delta R.T. 0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	55.0	82.6
63	29.7	29.4	44.2



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: 98.30 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089535.D

Acq: 2 Aug 2016 3:25

Instrument :

BNA_F

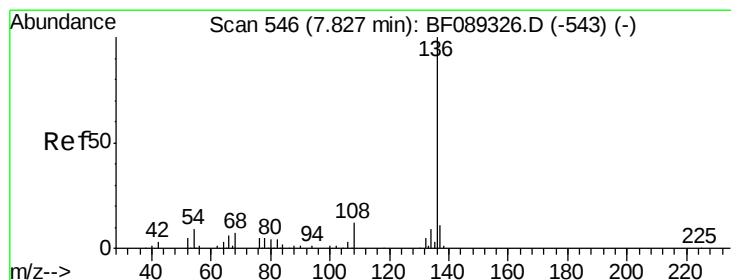
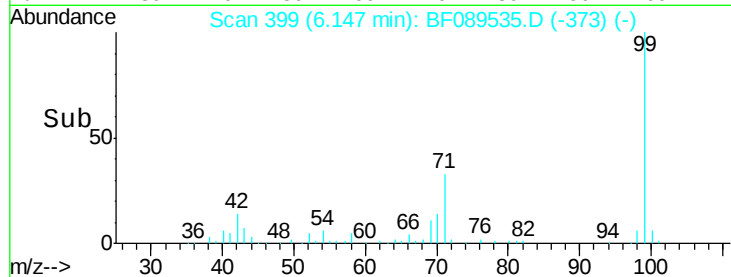
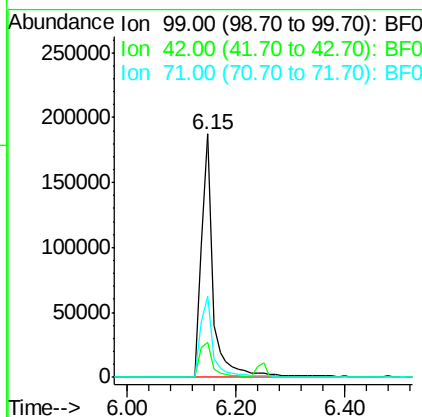
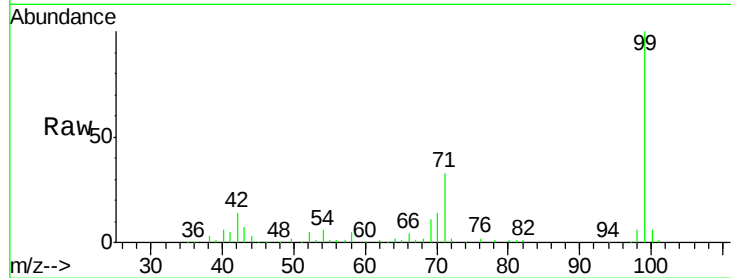
ClientSampleId :

SB-66-0.5-1.5

Tot Ion:	99	Resp:	277953
Ion Ratio	Lower	Upper	
99	100		
42	14.5	13.6	20.4
71	33.1	29.4	44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

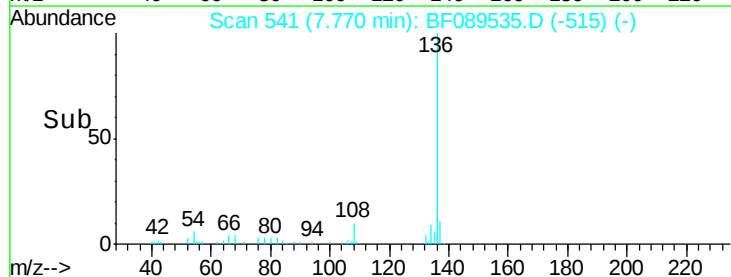
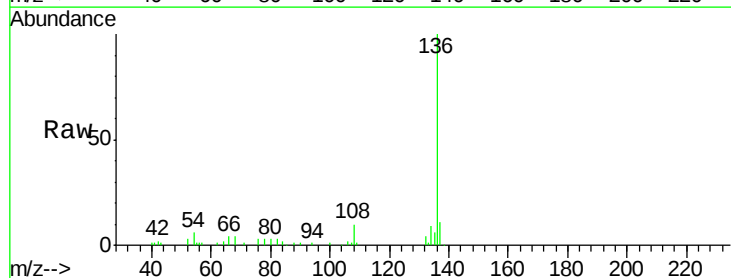
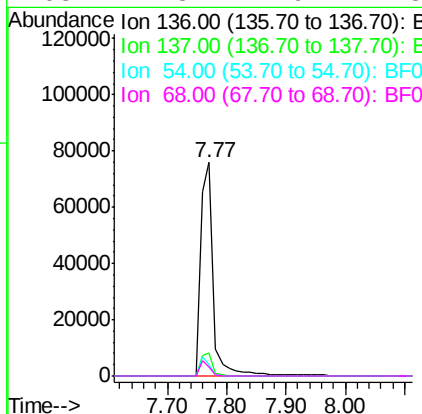
RT: 7.77 min Scan# 541

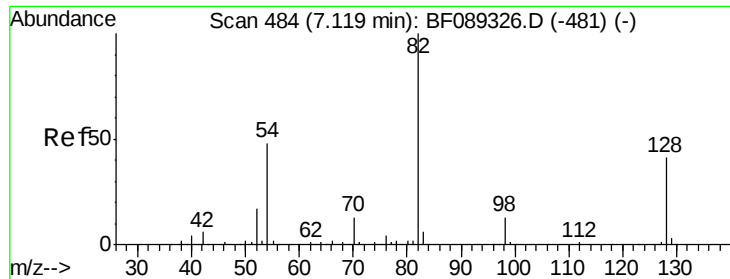
Delta R.T. 0.00 min

Lab File: BF089535.D

Acq: 2 Aug 2016 3:25

Tgt Ion:	136	Resp:	115689
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	5.7	7.0	10.4#
68	4.3	4.9	7.3#





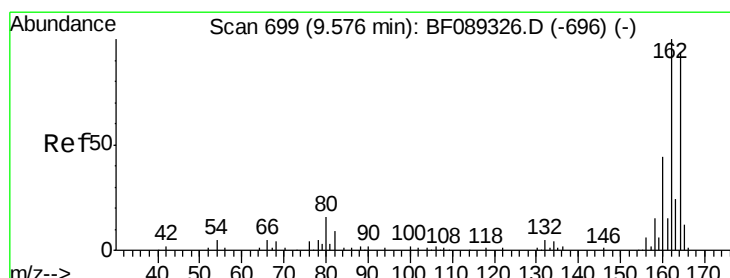
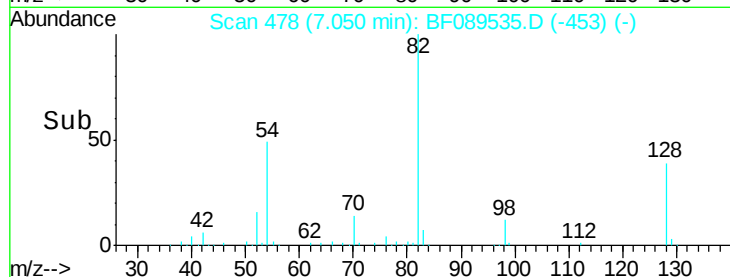
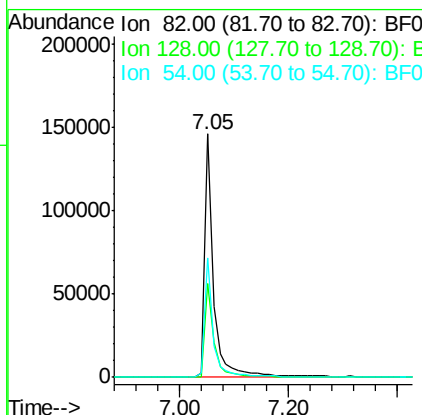
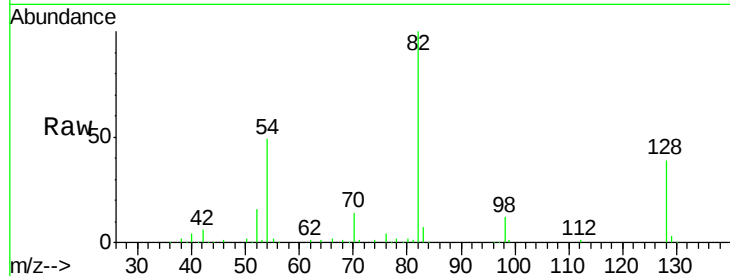
#23
 Nitrobenzene-d5
 Concen: 86.20 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-0.5-1.5

Tot Ion:	82	Resp:	168958
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.5	48.7
54	48.8	38.8	58.2

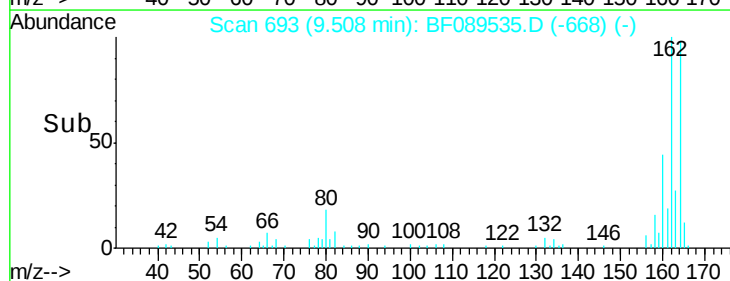
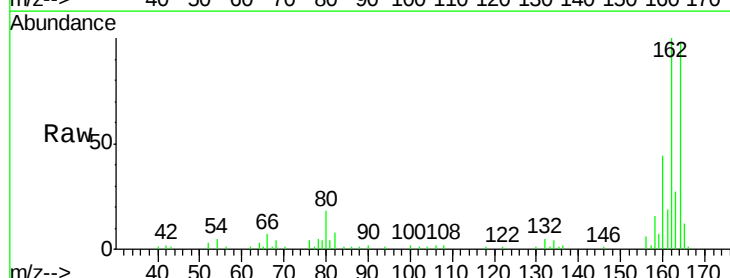
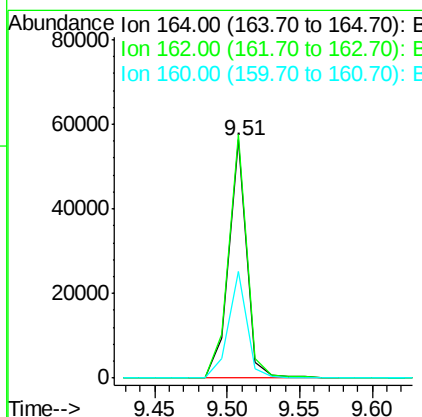
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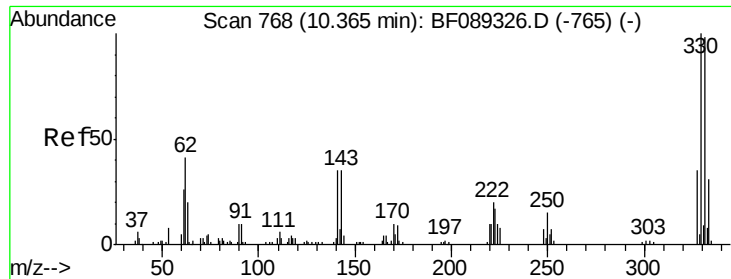
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Tgt Ion:	164	Resp:	48779
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.7	125.5
160	44.9	37.8	56.6





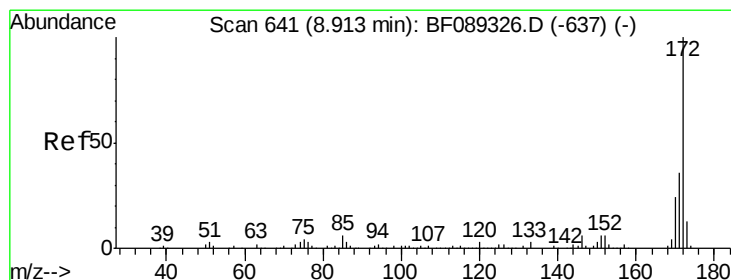
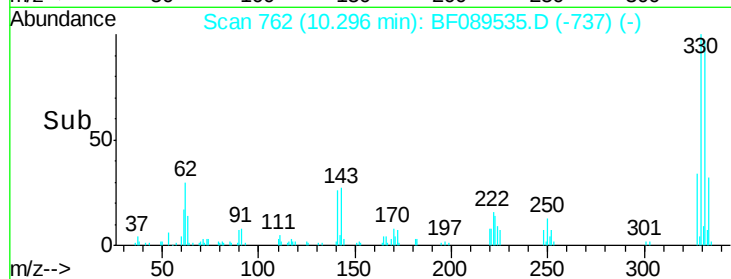
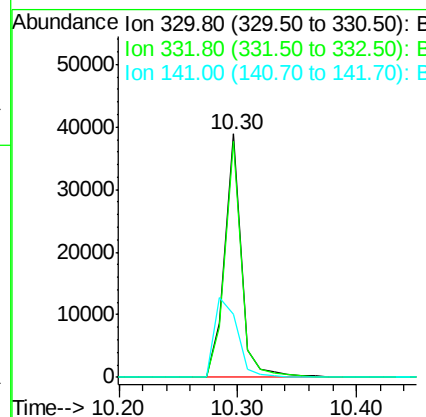
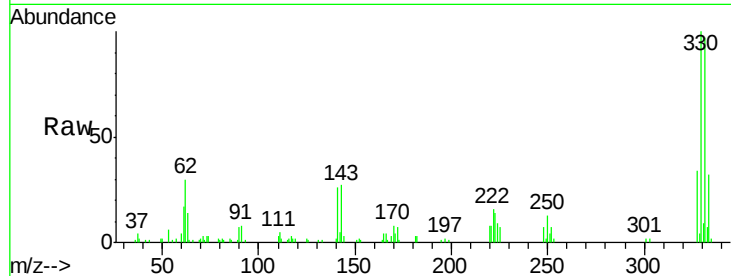
#41
 2,4,6-Tribromophenol
 Concen: 93.60 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-0.5-1.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	37813		
332	96.2		76.8	115.2
141	45.1		37.3	55.9

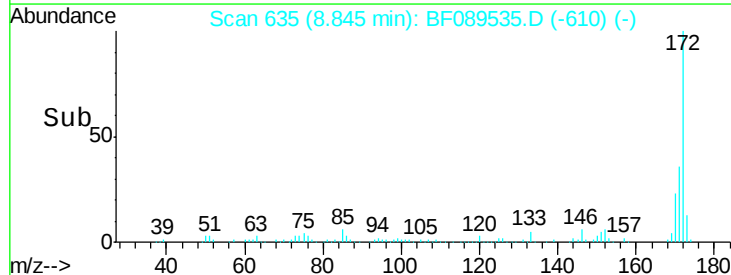
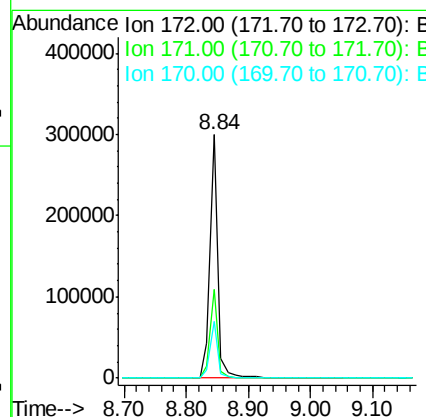
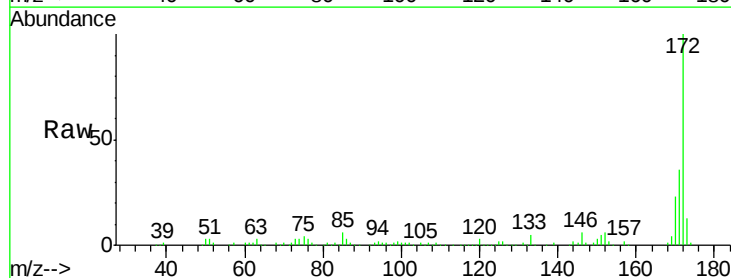
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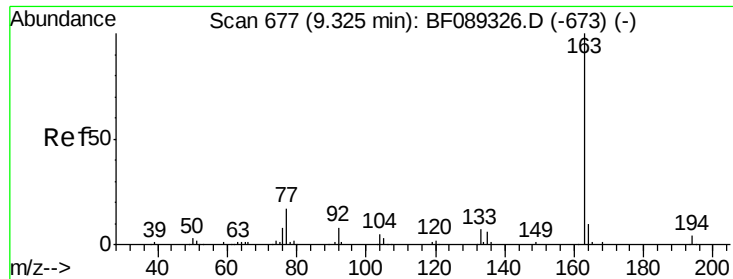
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#44
 2-Fluorobiphenyl
 Concen: 80.21 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	266589		
171	36.3		29.2	43.8
170	23.4		19.2	28.8





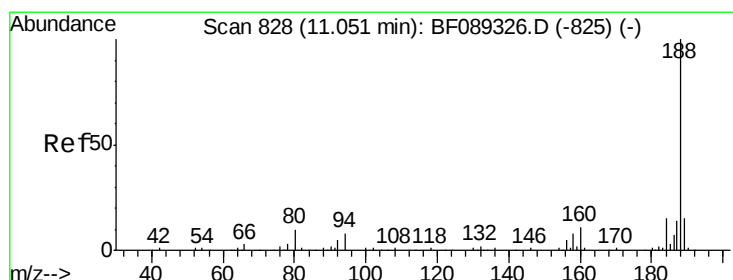
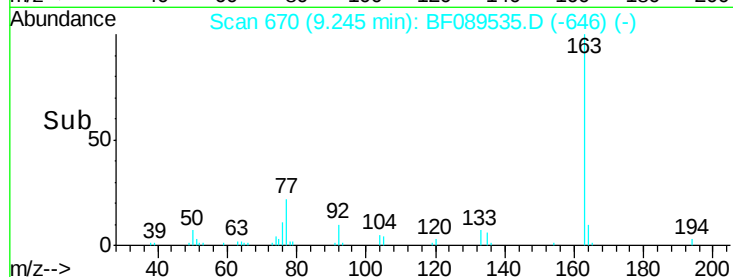
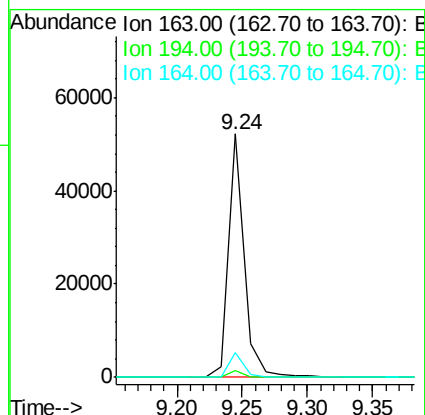
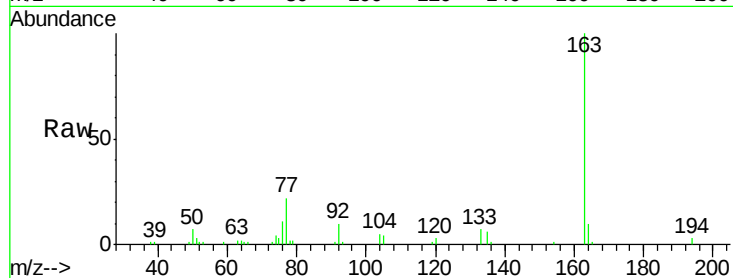
#49
Dimethylphthalate
Concen: 11.92 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	9.9	7.8	11.8

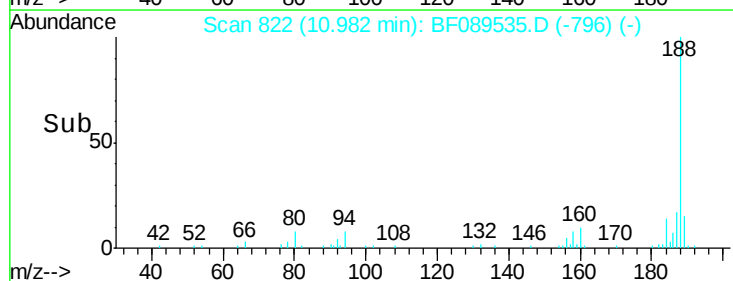
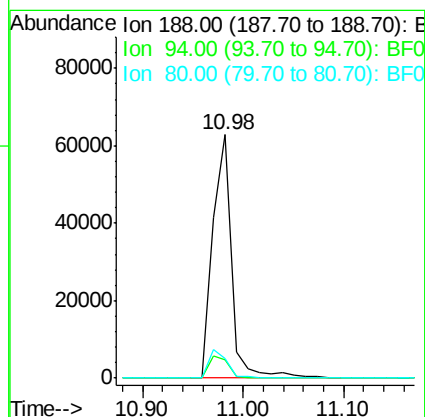
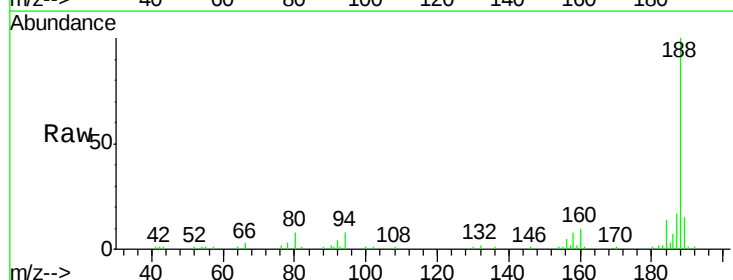
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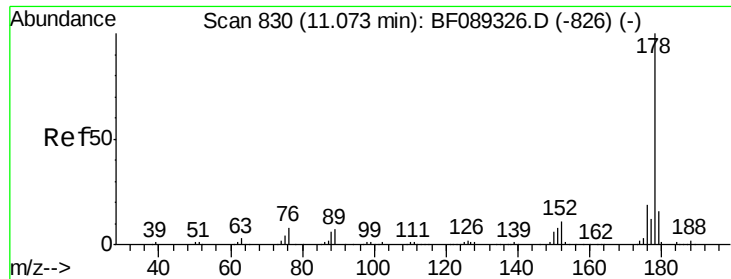
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.3	7.2	10.8





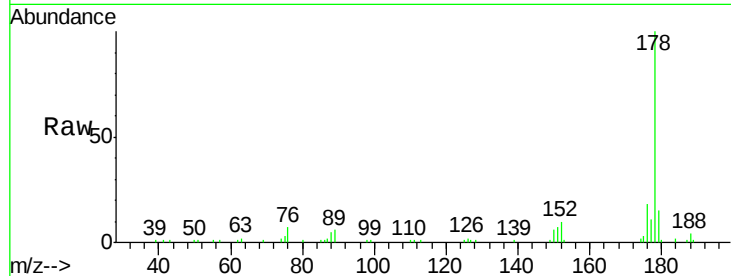
#70
Phenanthrene
Concen: 16.22 ng
RT: 11.01 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

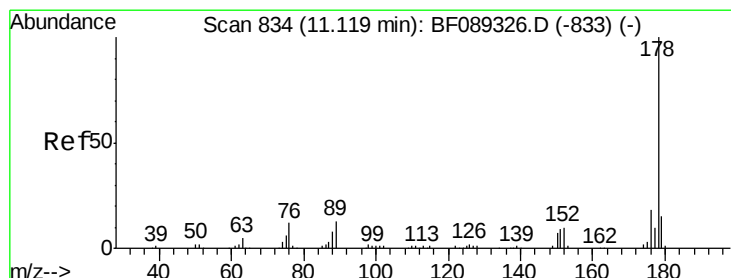
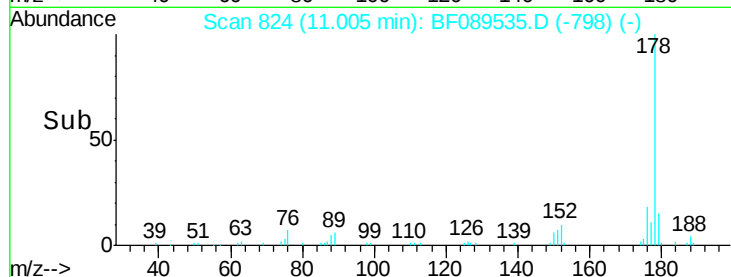
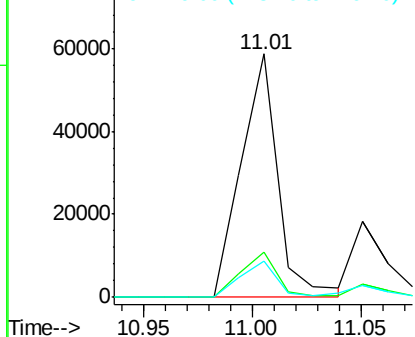
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.8	12.3	18.5

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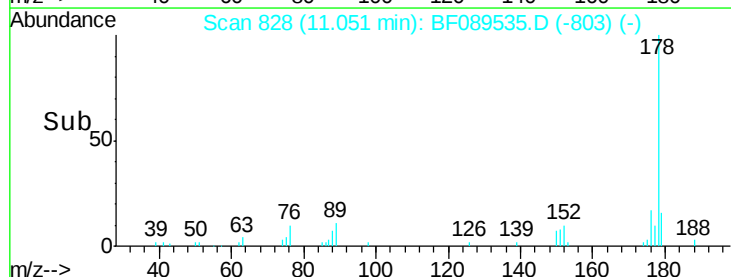
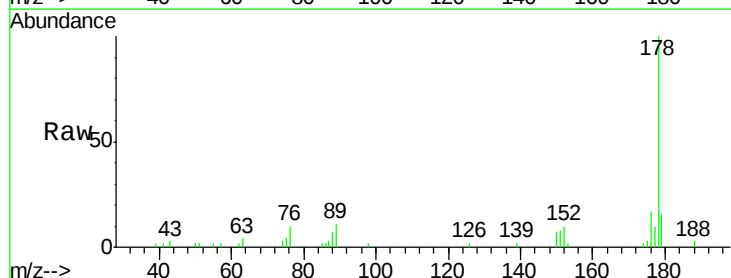
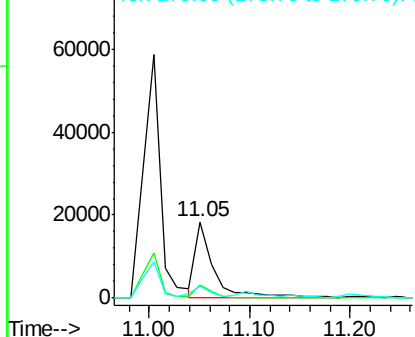
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

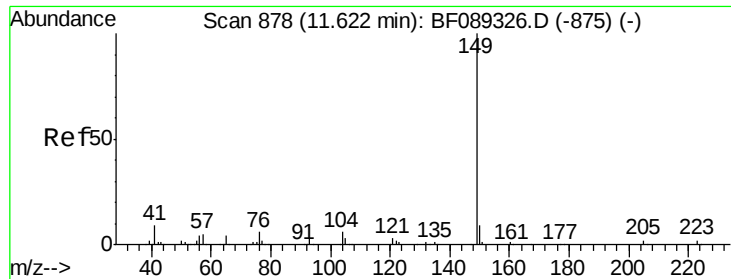


#71
Anthracene
Concen: 5.27 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.8	22.2
179	16.4	12.6	18.8

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





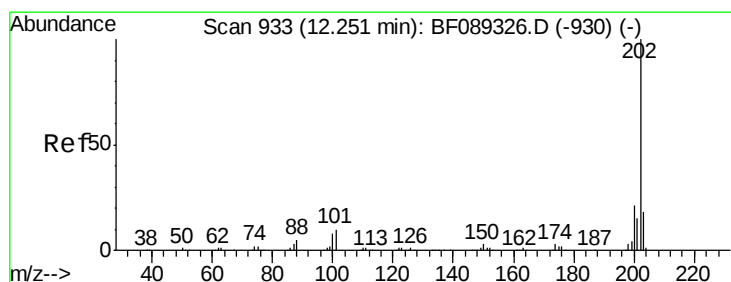
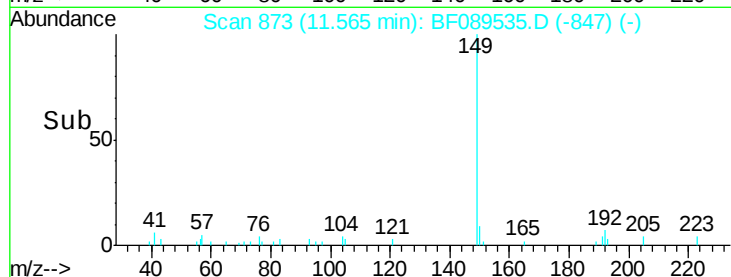
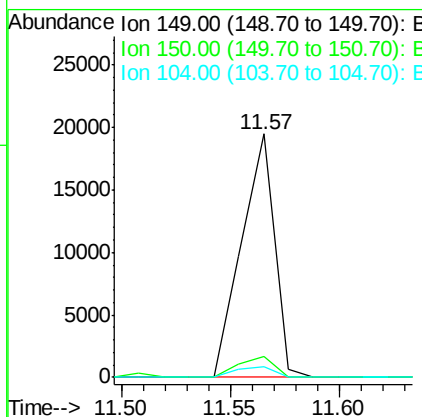
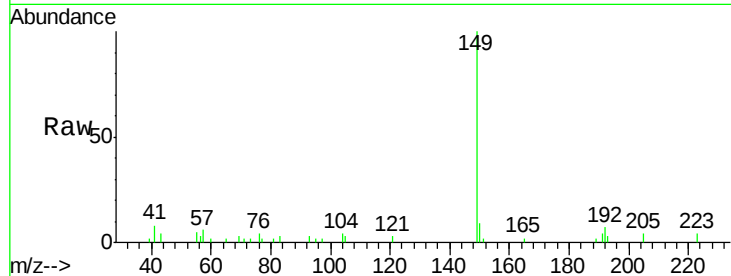
#73
Di-n-butylphthalate
Concen: 3.86 ng
RT: 11.57 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampled :
SB-66-0.5-1.5

Tot Ion	Ratio	Resp	Lower	Upper
149	100	20500		
150	8.6	7.4	11.0	
104	4.2	4.7	7.1	

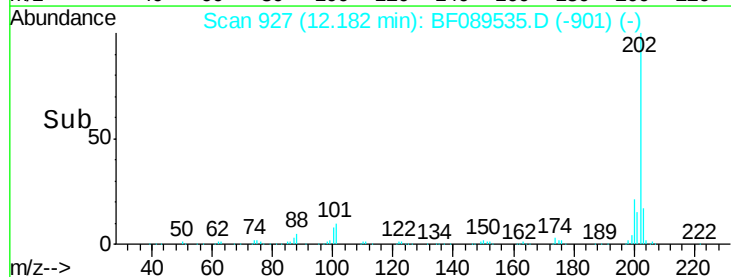
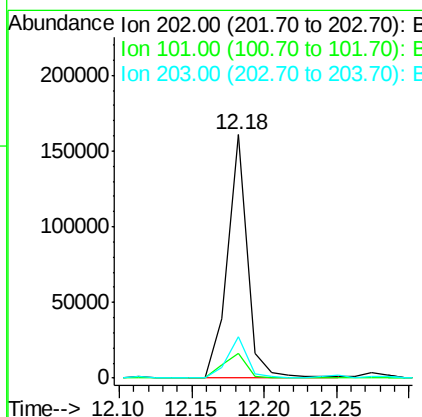
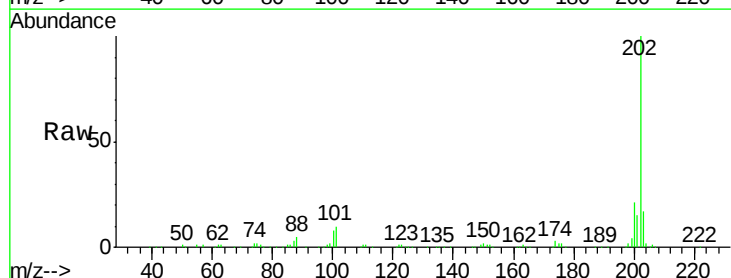
Manual Integrations
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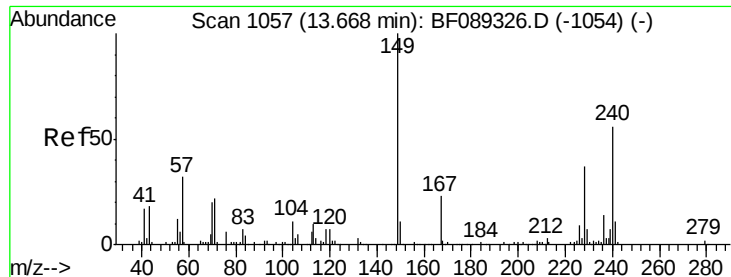
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#74
Fluoranthene
Concen: 34.89 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	155113		
101	10.0	0.0	29.9	
203	17.0	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF089535.D

Acq: 2 Aug 2016 3:25

Instrument :

BNA_F

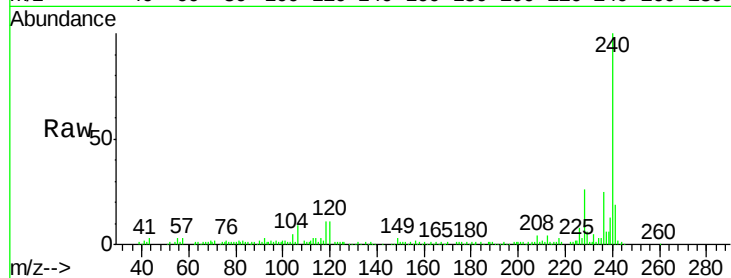
ClientSampleId :

SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.1	13.7
236	25.1	20.6	30.8

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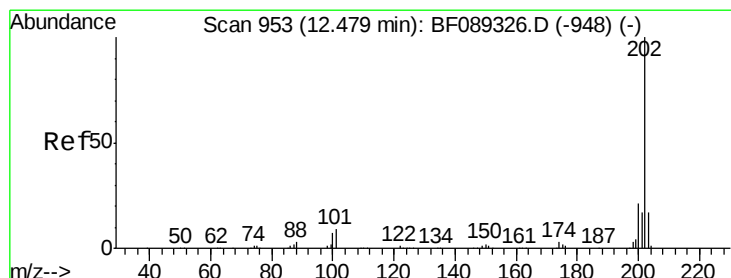
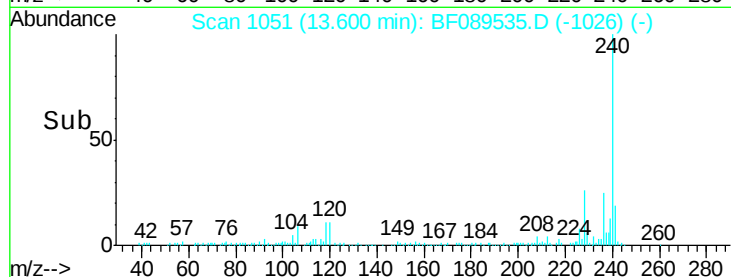
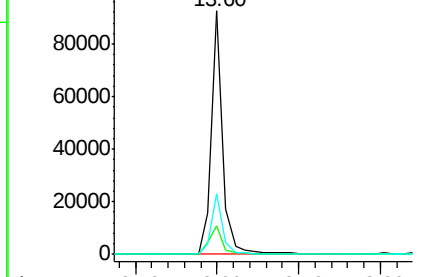
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 20.57 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF089535.D

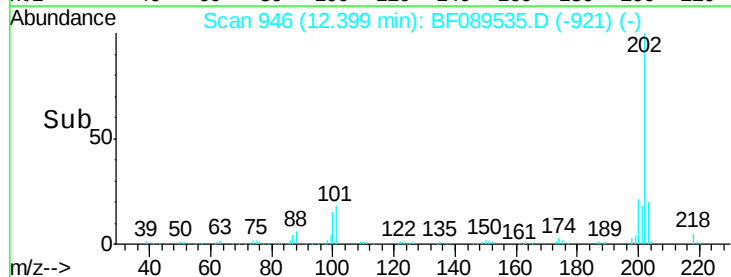
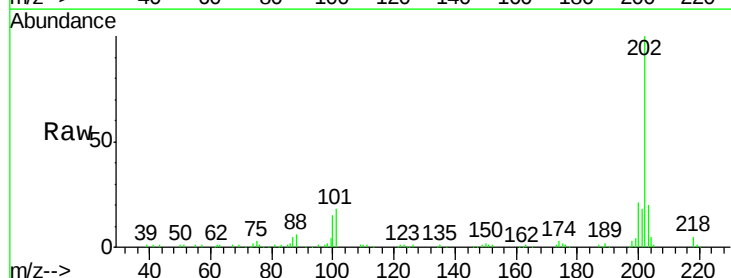
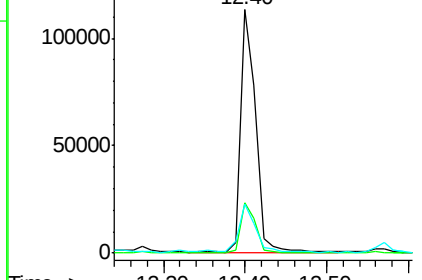
Acq: 2 Aug 2016 3:25

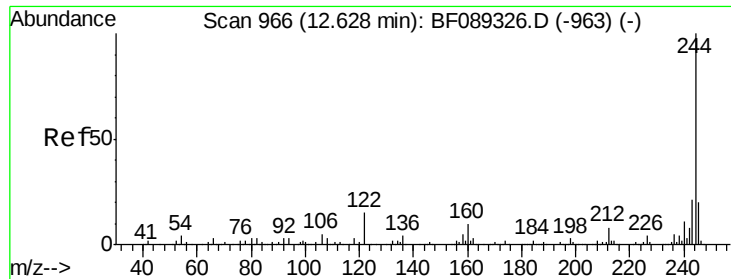
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	20.4	14.0	21.0

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





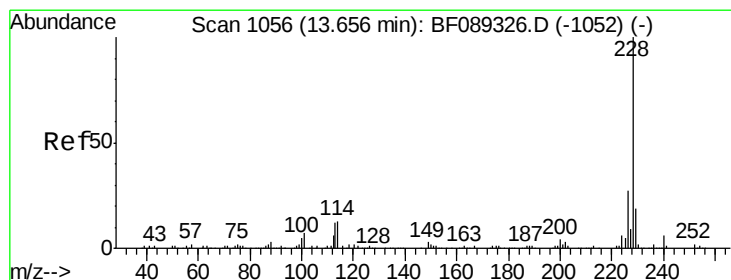
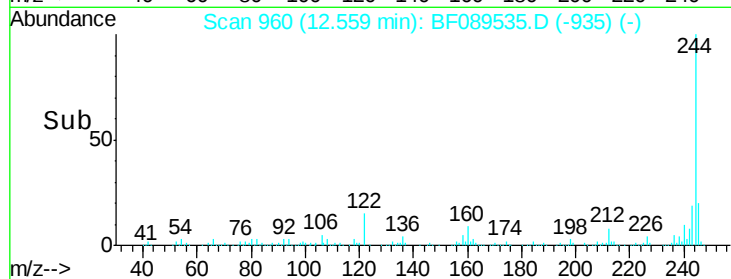
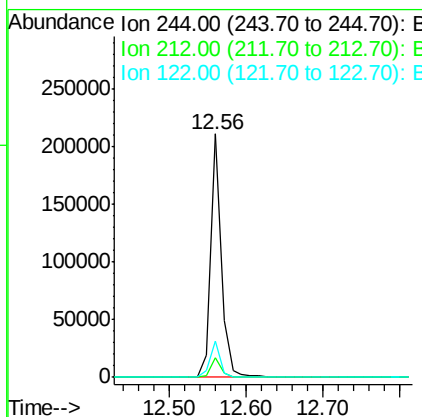
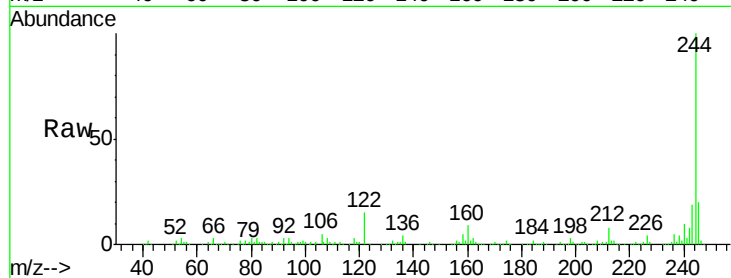
#78
 Terphenyl-d14
 Concen: 51.29 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	14.9	11.4	17.0

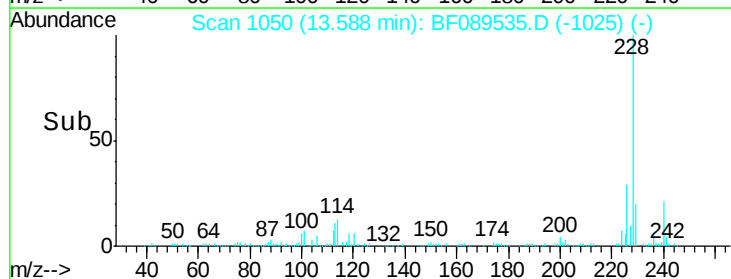
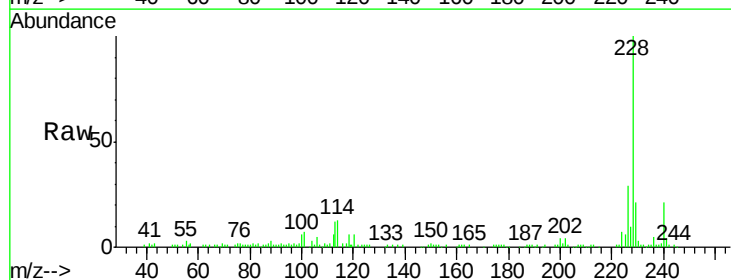
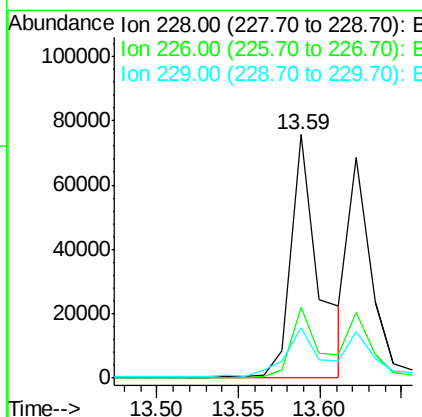
Manual Integrations
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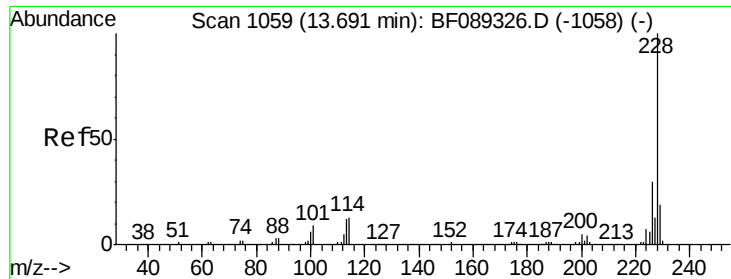
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#80
 Benzo(a)anthracene
 Concen: 17.47 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF089535.D
 Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.4	32.2
229	20.7	15.9	23.9





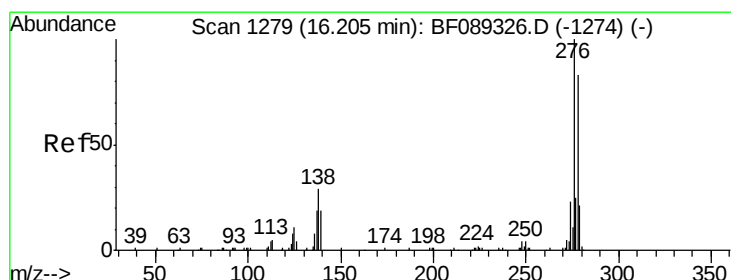
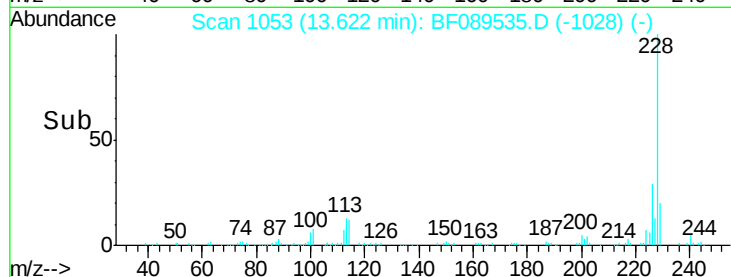
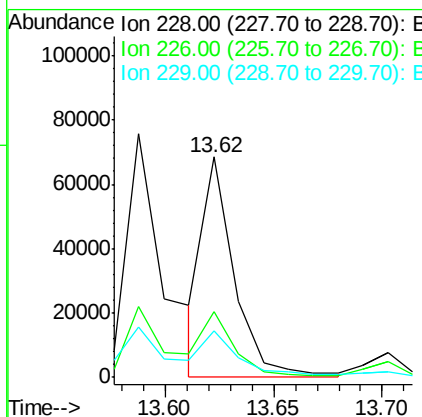
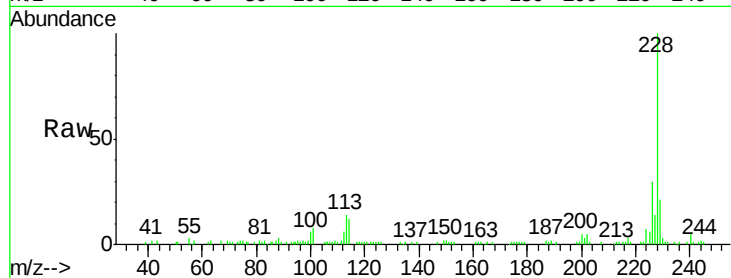
#82
Chrysene
Concen: 12.63 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	21.1	15.9	23.9

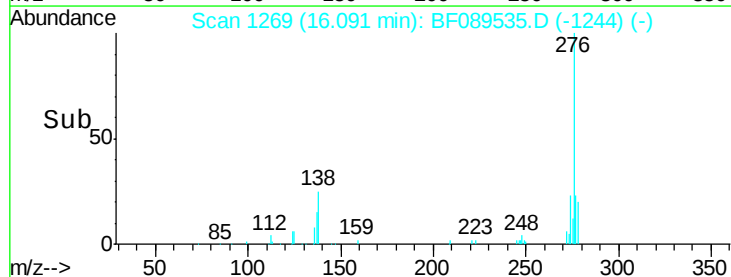
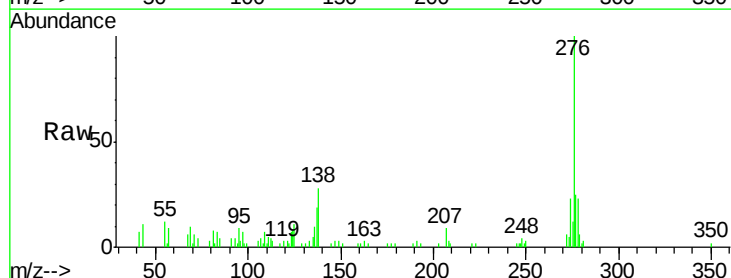
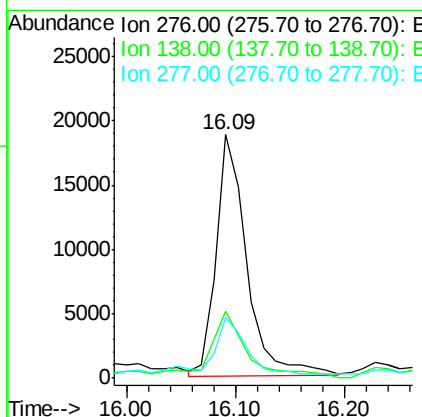
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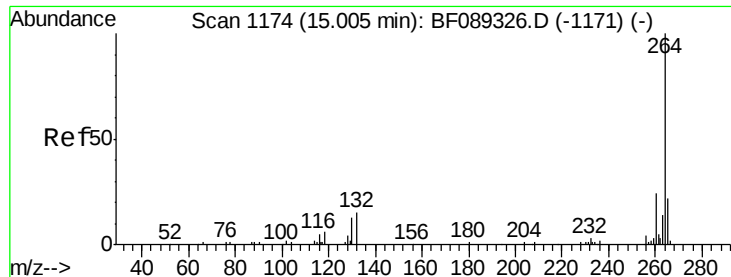
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#85
Indeno(1,2,3-cd)pyrene
Concen: 9.34 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	23.0	34.4#
277	34.9	20.2	30.4#





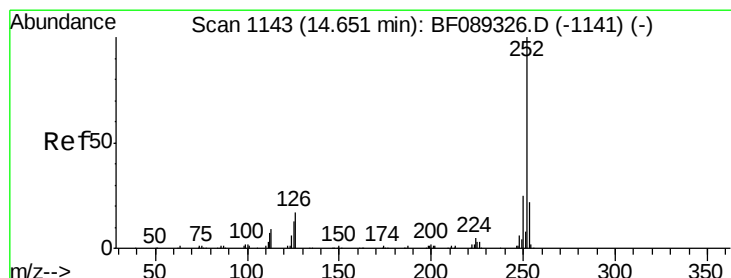
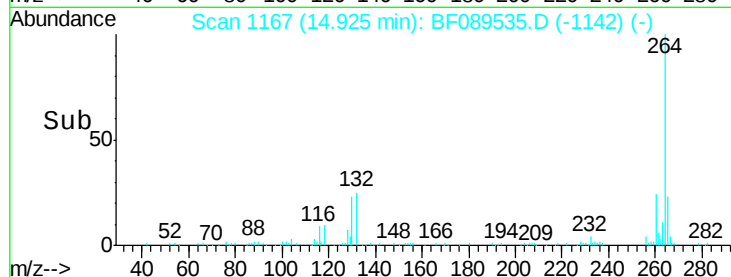
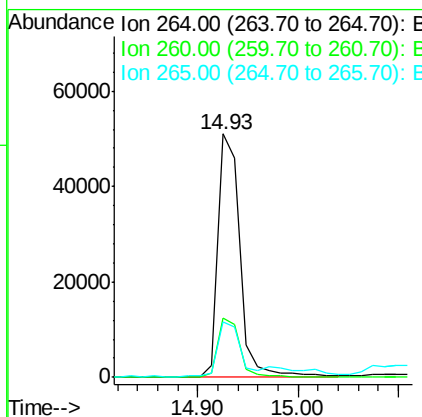
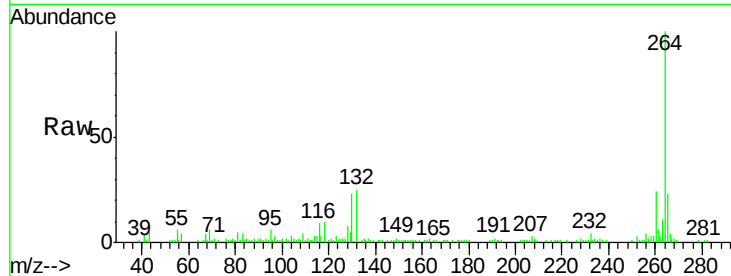
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	23.0	17.5	26.3

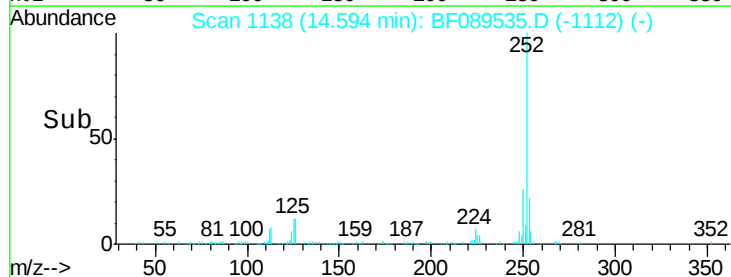
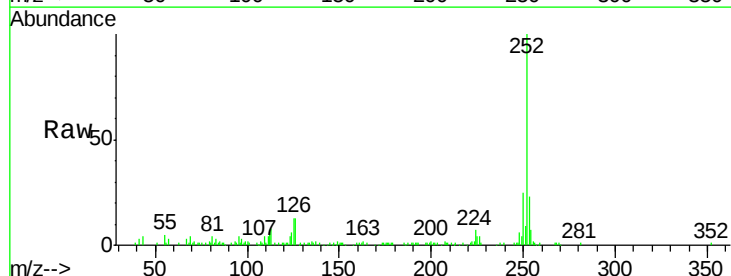
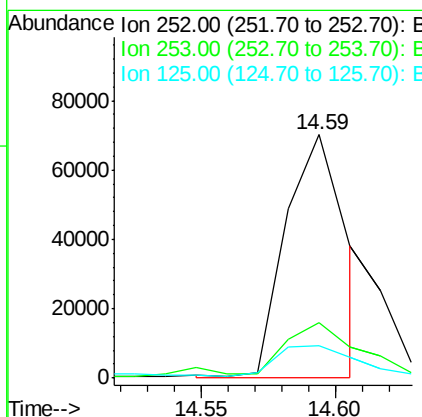
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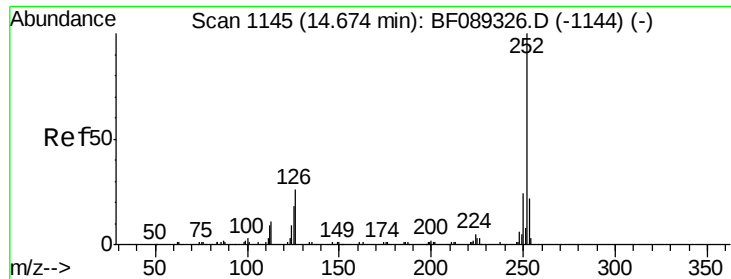
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#87
Benzo(b)fluoranthene
Concen: 22.55 ng m
RT: 14.59 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	13.2	9.7	14.5





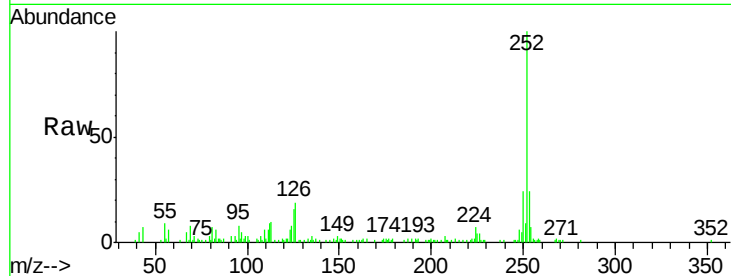
#88
Benzo(k)fluoranthene
Concen: 5.18 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

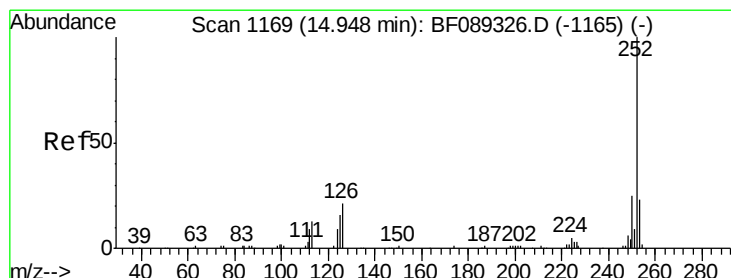
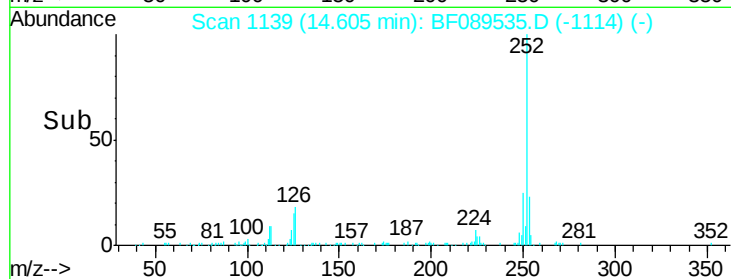
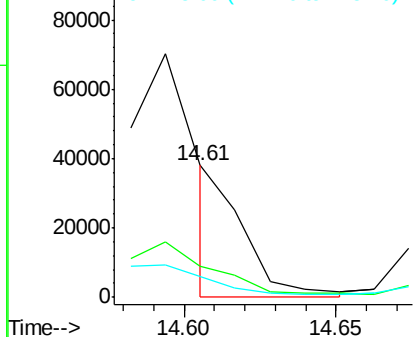
Tot Ion	Ratio	Resp	Lower	Upper
252	100	23087		
253	23.6	17.8	26.8	
125	16.3	10.7	16.1	

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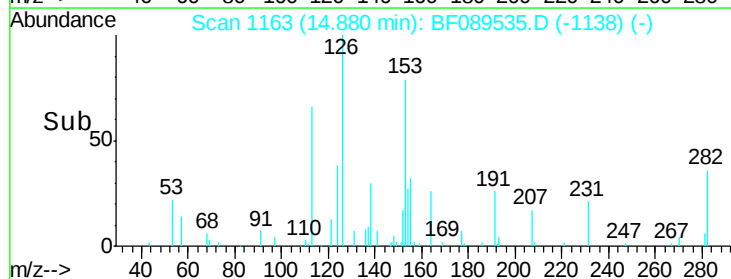
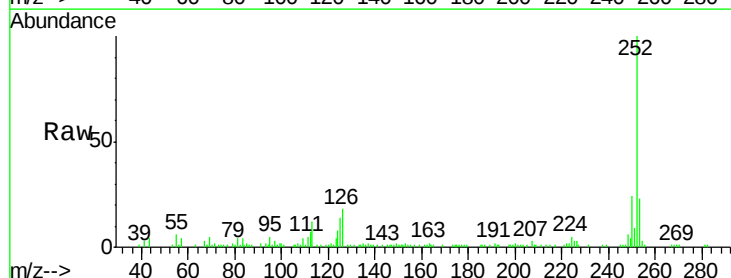
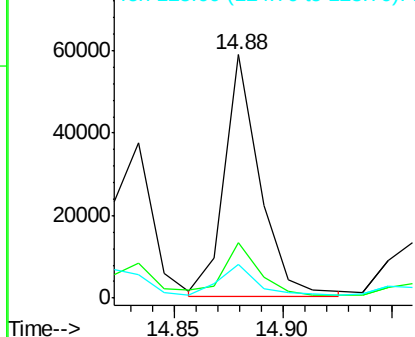
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

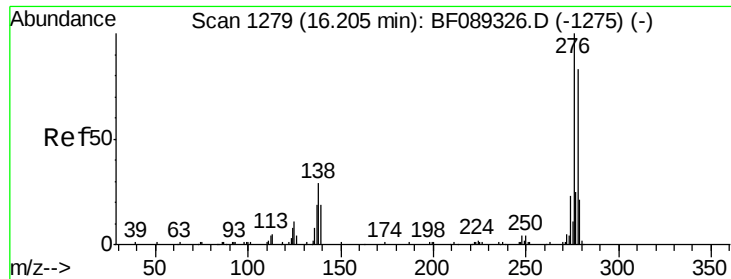


#89
Benzo(a)pyrene
Concen: 15.26 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66406		
253	22.9	17.4	26.2	
125	14.1	12.4	18.6	

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





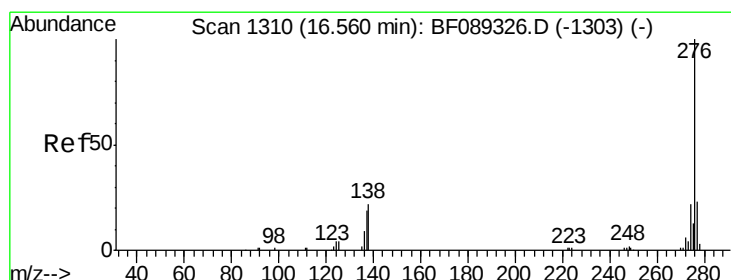
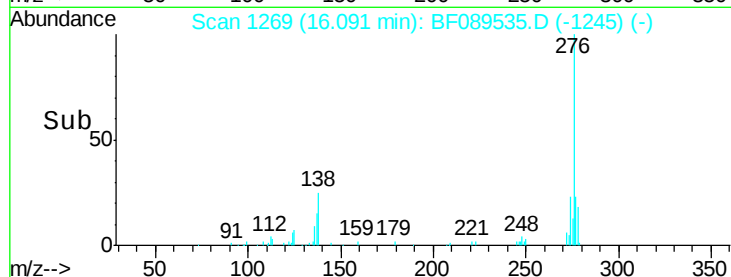
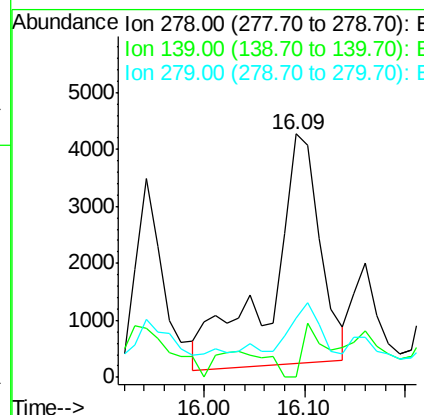
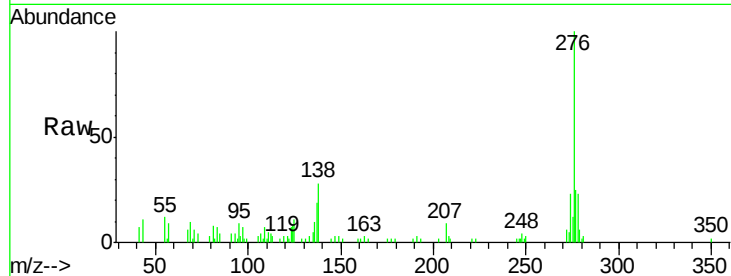
#90
Dibenzo(a,h)anthracene
Concen: 4.02 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Instrument :
BNA_F
ClientSampleId :
SB-66-0.5-1.5

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	24.4	19.1	28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 10.75 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF089535.D
Acq: 2 Aug 2016 3:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	27.2	21.4	32.0

