

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
 Data File : BF089526.D
 Acq On : 1 Aug 2016 22:56
 Operator : UM/SJ
 Sample : H4269-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57-17.5-18.5

Manual Integrations
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Quant Time: Aug 02 03:35:07 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	45614	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	174422	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	73959	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	110309	20.00	ng	0.00
75) Chrysene-d12	13.60	240	92409	20.00	ng	-0.01
86) Perylene-d12	14.93	264	75844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	291889	102.18	ng	0.00
7) Phenol-d6	6.15	99	398877	105.65	ng	0.00
23) Nitrobenzene-d5	7.05	82	232513	78.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	55948	91.34	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	399291	79.23	ng	-0.01
78) Terphenyl-d14	12.56	244	240227	60.84	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	153861	27.33	ng	99
70) Phenanthrene	11.00	178	18648	3.28	ng	97
74) Fluoranthene	12.18	202	40391	6.75	ng	100
77) Pyrene	12.40	202	40744	5.82	ng	96
80) Benzo(a)anthracene	13.59	228	25312	4.85	ng	95
82) Chrysene	13.62	228	18070	3.26	ng	96
85) Indeno(1,2,3-cd)pyrene	16.09	276	11841	3.00	ng	# 84
87) Benzo(b)fluoranthene	14.58	252	23950m	5.08	ng	
88) Benzo(k)fluoranthene	14.59	252	13544m	3.13	ng	
89) Benzo(a)pyrene	14.88	252	17512	4.14	ng	# 91
91) Benzo(g,h,i)perylene	16.45	276	12355	3.78	ng	# 95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089526.D
Acq On : 1 Aug 2016 22:56
Operator : UM/SJ
Sample : H4269-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

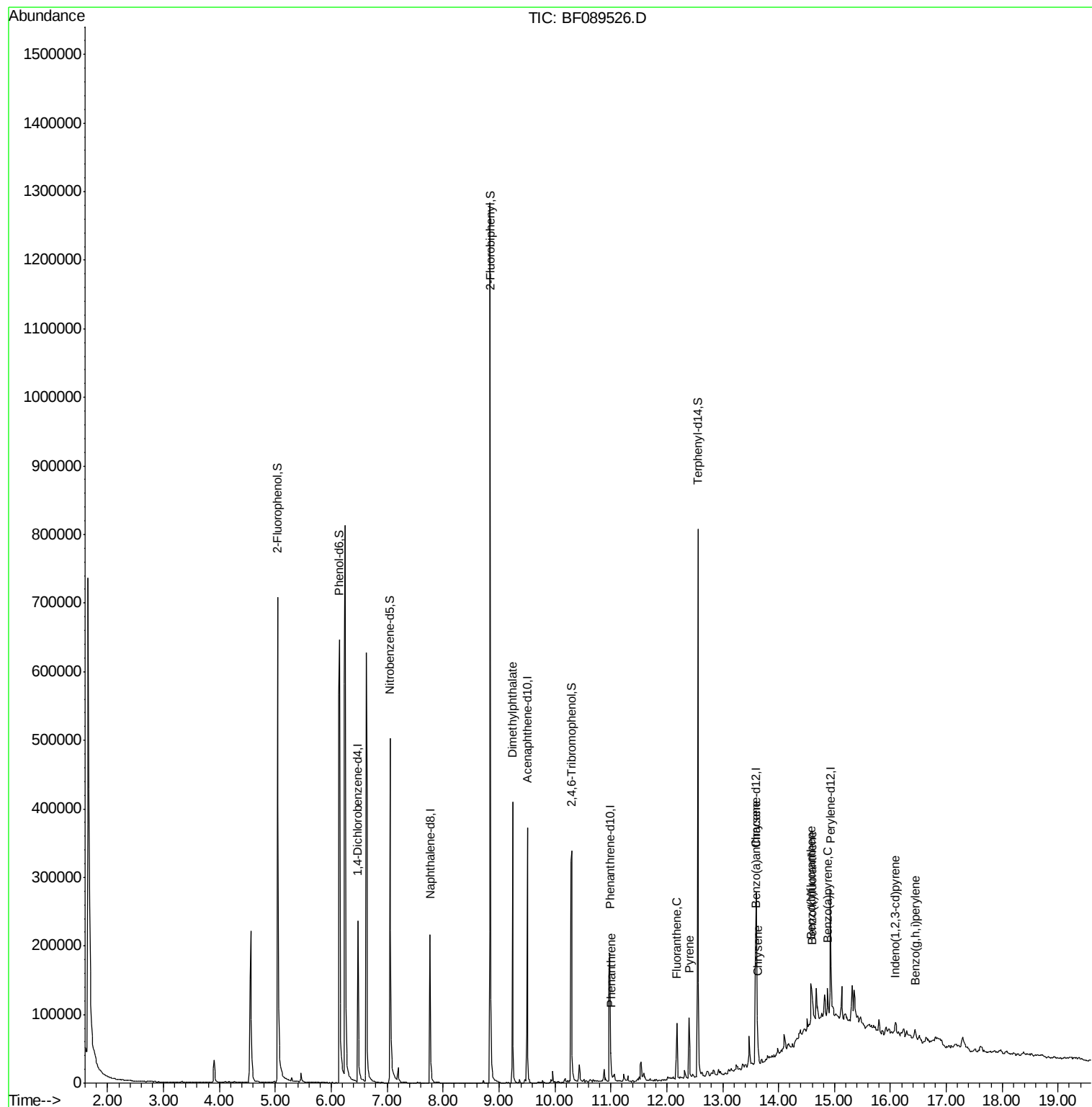
Instrument :
BNA_F
ClientSampleId :
SB-57-17.5-18.5

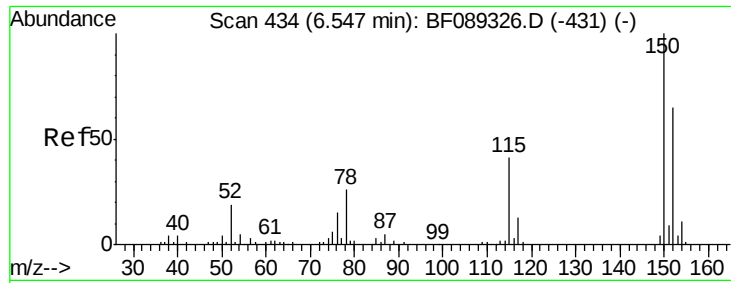
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Quant Time: Aug 02 03:35:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

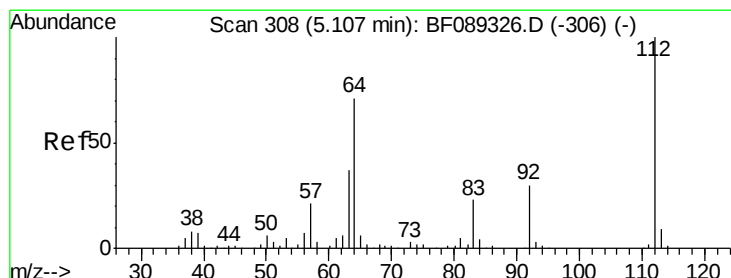
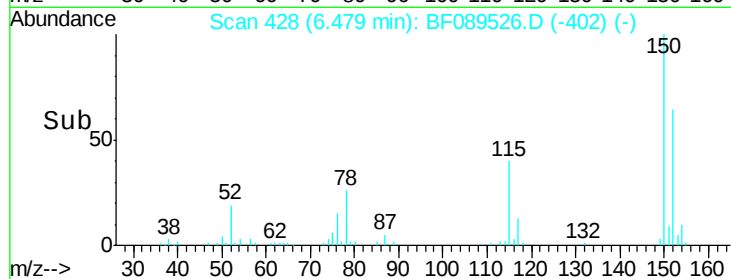
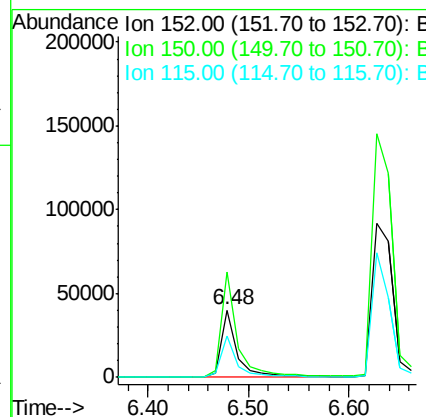
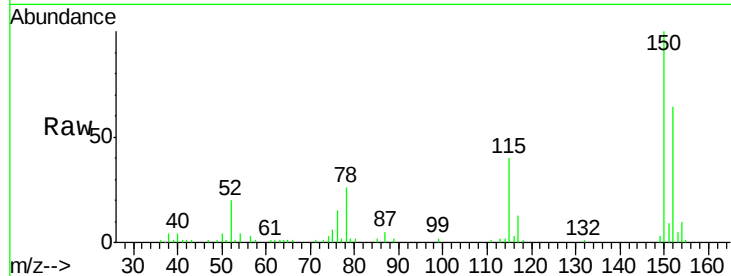
Instrument :
BNA_F
ClientSampleId :
SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.5	194.3
115	62.4	51.4	77.2

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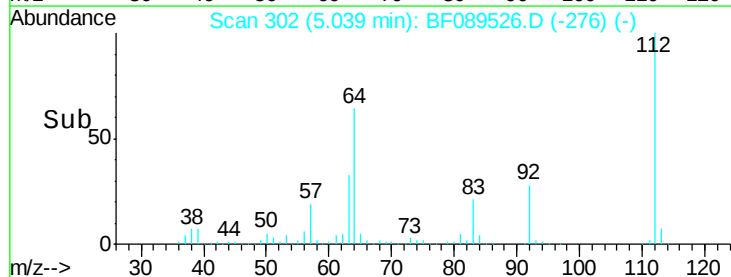
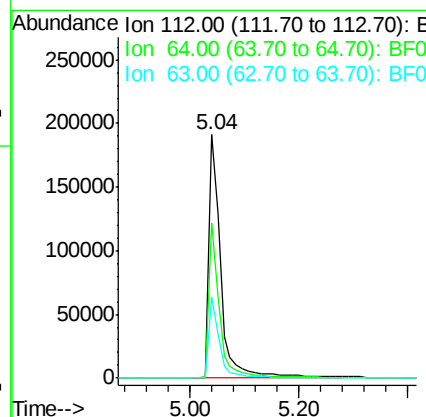
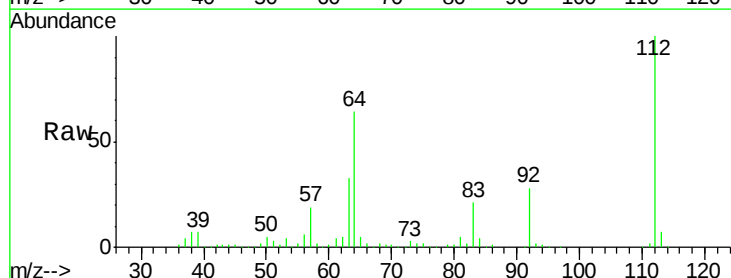
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#5

2-Fluorophenol
Concen: 102.18 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.00 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	55.0	82.6
63	33.1	29.4	44.2





#7

Phenol-d6

Concen: 105.65 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Instrument :

BNA_F

ClientSampled :

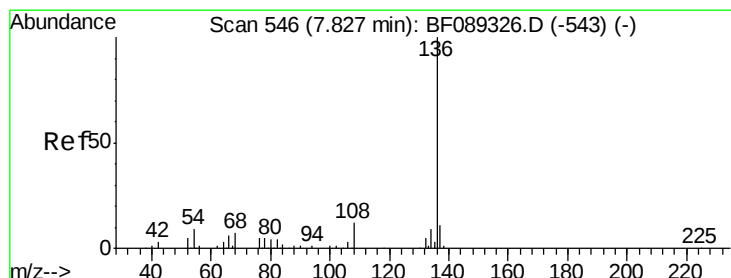
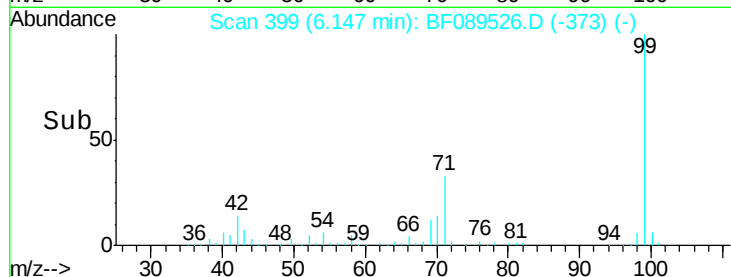
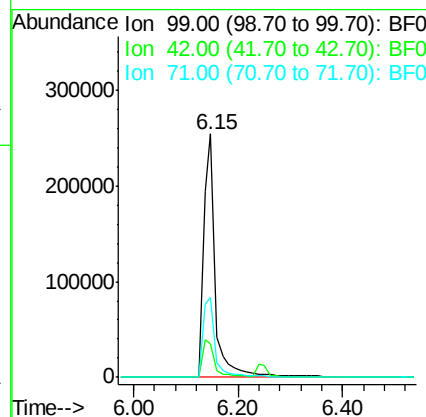
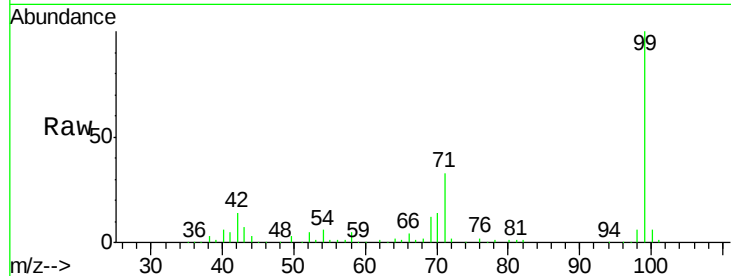
SB-57-17.5-18.5

Tot Ion:	99	Resp:	398877
Ion Ratio	Lower	Upper	
99	100		
42	14.0	13.6	20.4
71	32.9	29.4	44.2

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.00 ng

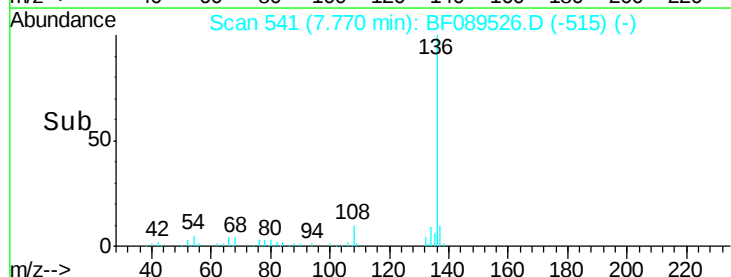
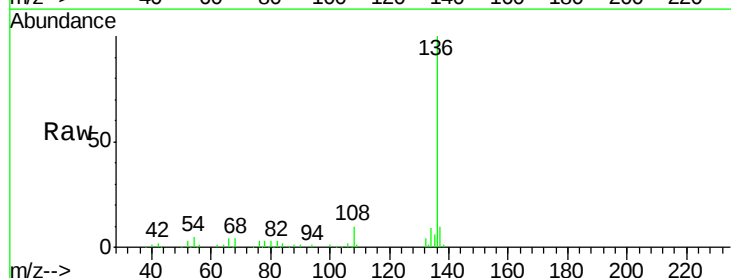
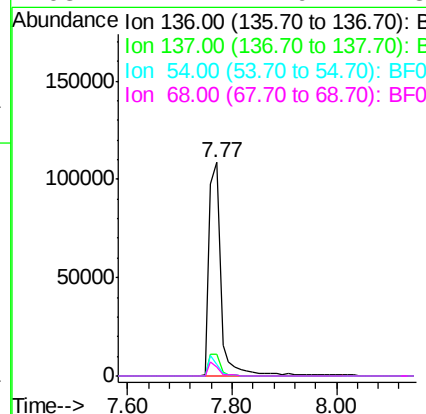
RT: 7.77 min Scan# 541

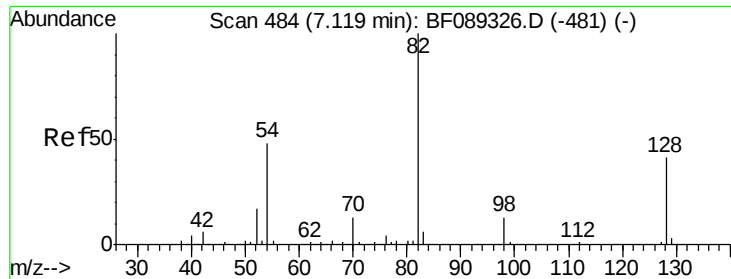
Delta R.T. 0.00 min

Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Tgt Ion:	136	Resp:	174422
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.6	13.0
54	5.4	7.0	10.4#
68	4.4	4.9	7.3#





#23
 Nitrobenzene-d5
 Concen: 78.68 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

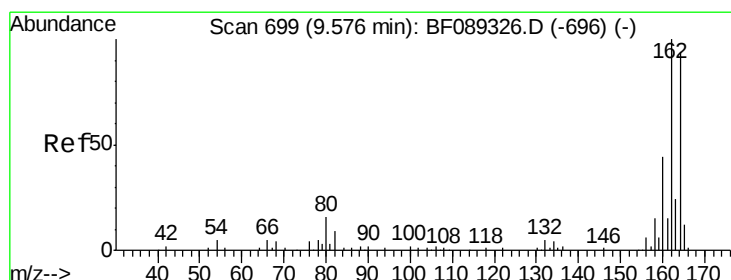
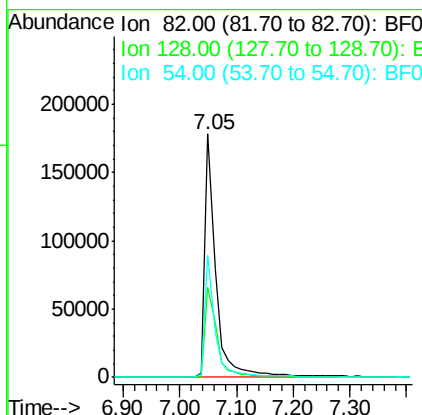
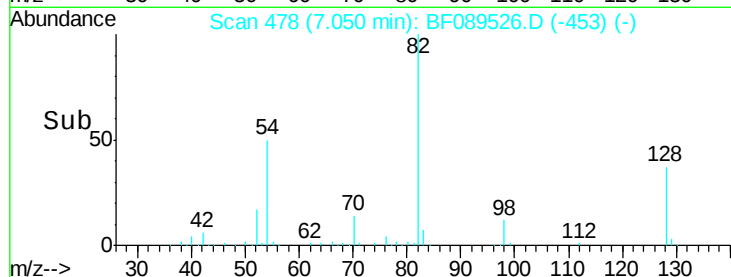
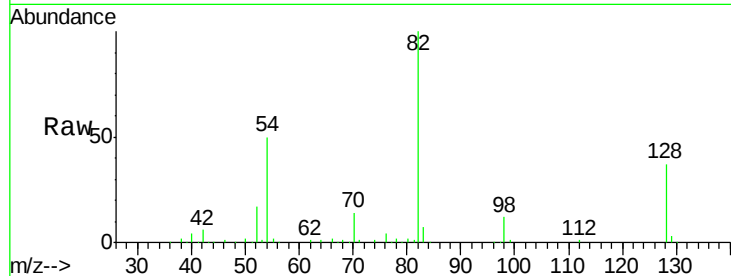
Instrument :
 BNA_F
 ClientSampleId :
 SB-57-17.5-18.5

Tot Ion	82	Resp	232513
Ion Ratio	100	Lower	Upper
82	100		
128	37.2	32.5	48.7
54	49.9	38.8	58.2

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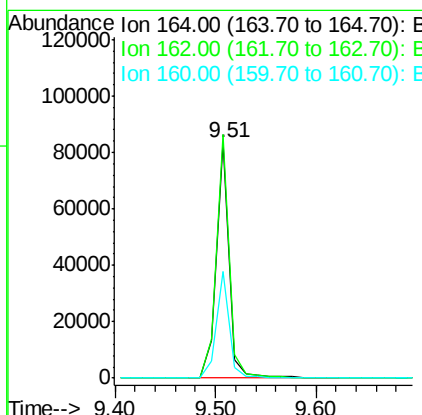
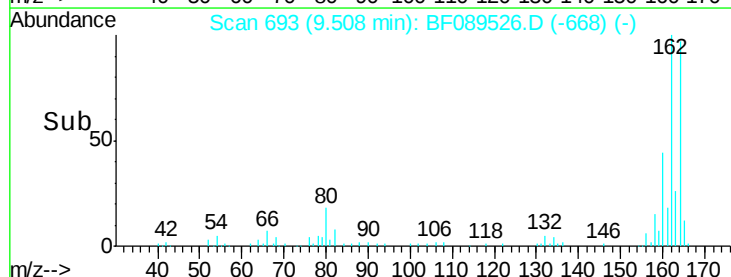
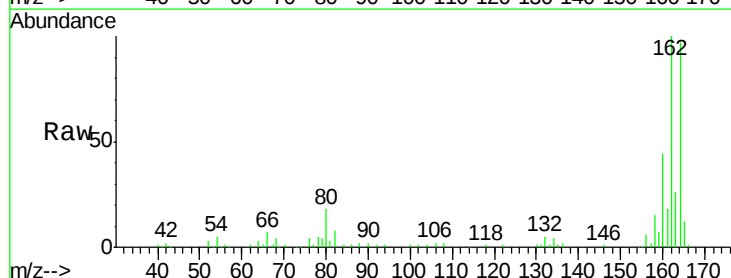
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

Tgt Ion	164	Resp	73959
Ion Ratio	100	Lower	Upper
164	100		
162	103.3	83.7	125.5
160	45.2	37.8	56.6





#41
 2,4,6-Tribromophenol
 Concen: 91.34 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

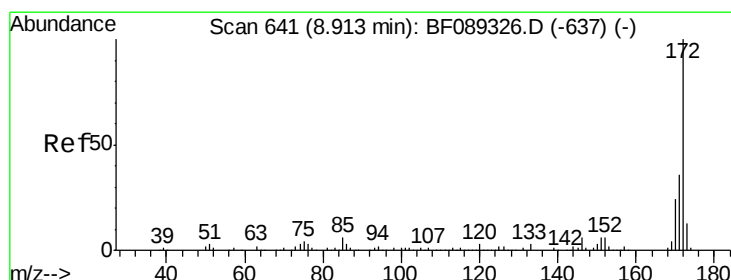
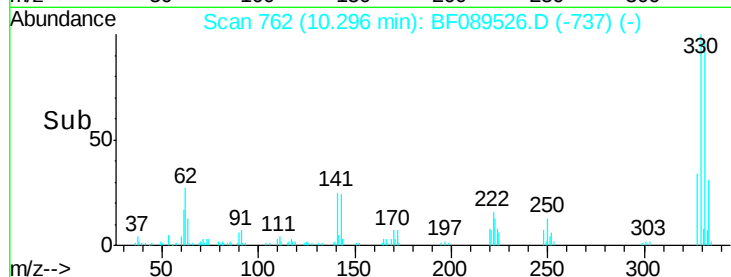
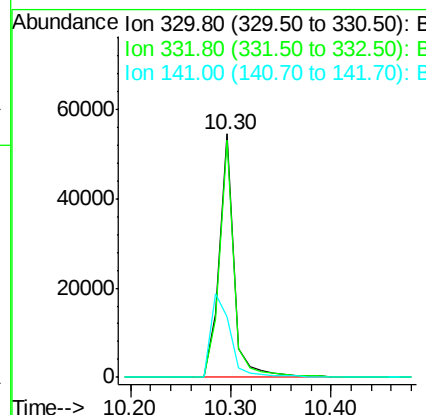
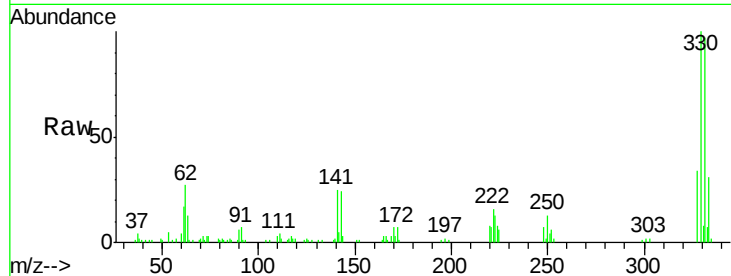
Instrument :
 BNA_F
 ClientSampled :
 SB-57-17.5-18.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	55948		
332	96.3		76.8	115.2
141	45.1		37.3	55.9

Manual Integrations
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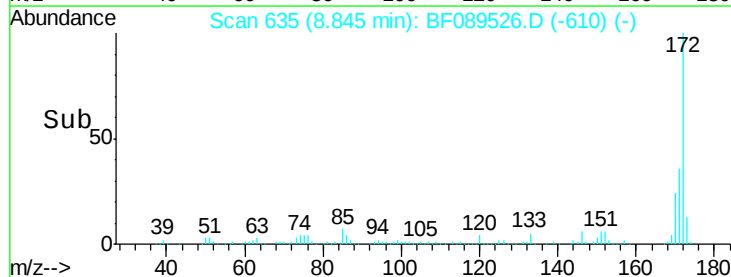
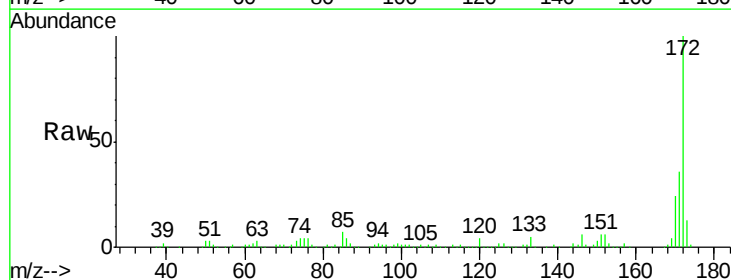
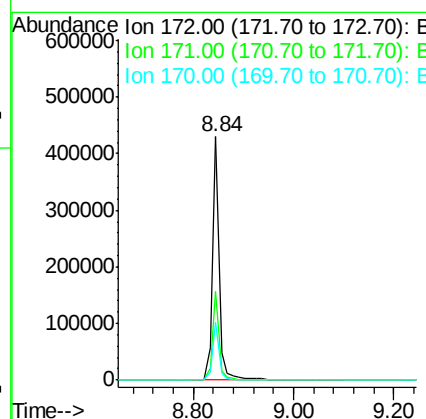
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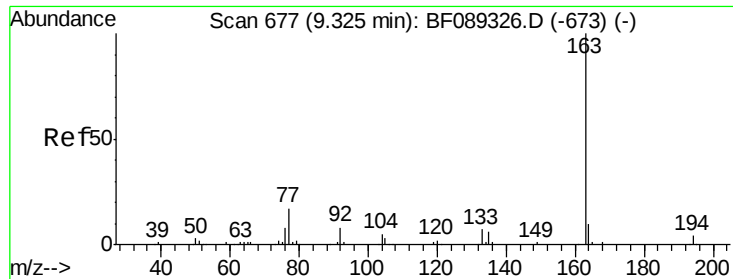
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#44
 2-Fluorobiphenyl
 Concen: 79.23 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	399291		
171	36.2		29.2	43.8
170	24.0		19.2	28.8





#49
Dimethylphthalate
Concen: 27.33 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

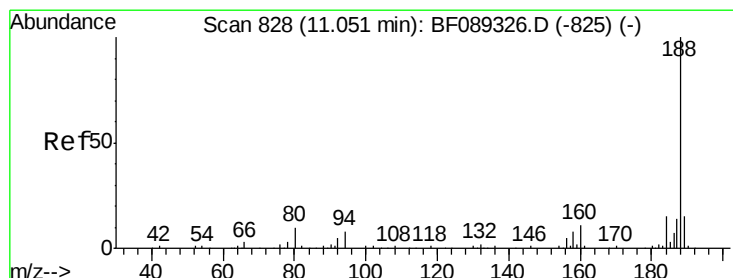
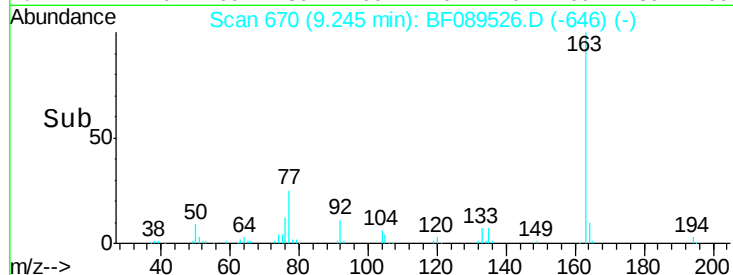
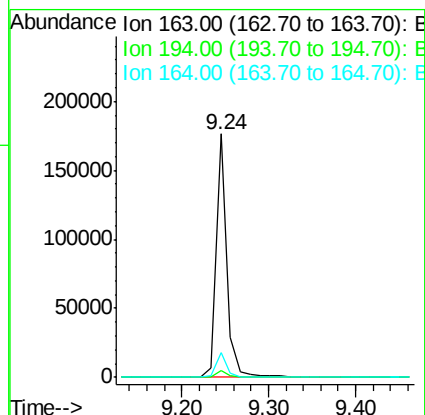
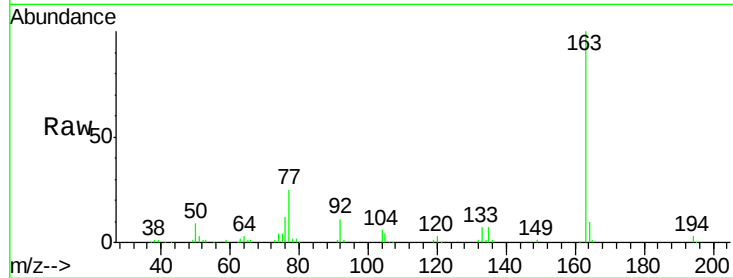
Instrument :
BNA_F
ClientSampleId :
SB-57-17.5-18.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	153861		
194	2.9		2.8	4.2
164	10.1		7.8	11.8

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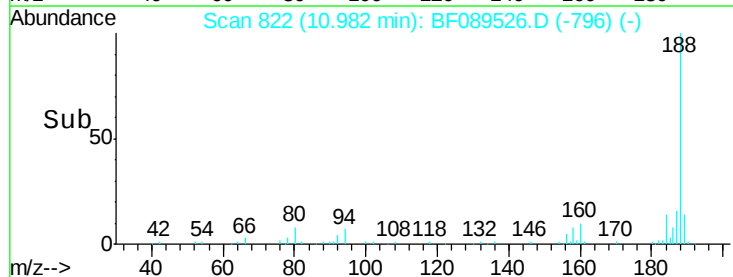
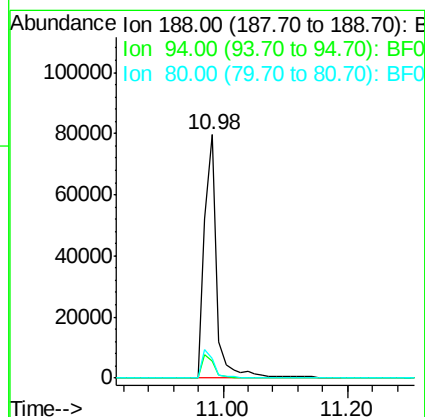
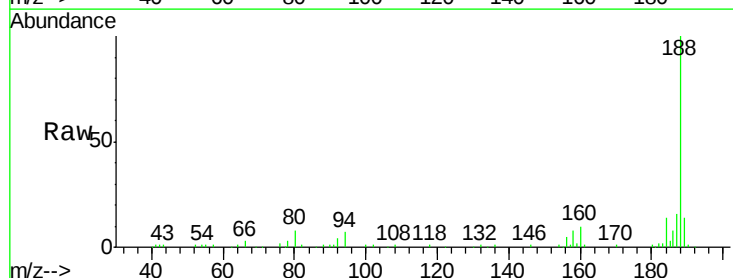
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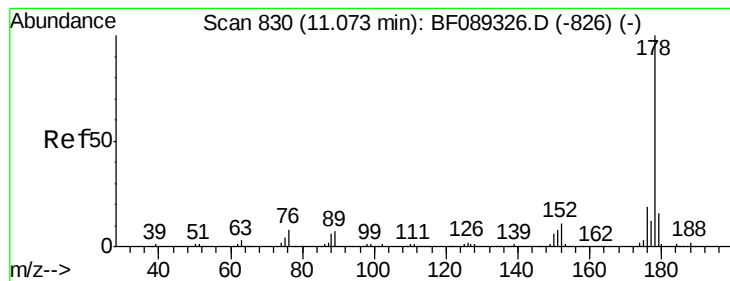
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	110309		
94	7.2		6.5	9.7
80	7.9		7.2	10.8





#70

Phenanthrene

Concen: 3.28 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

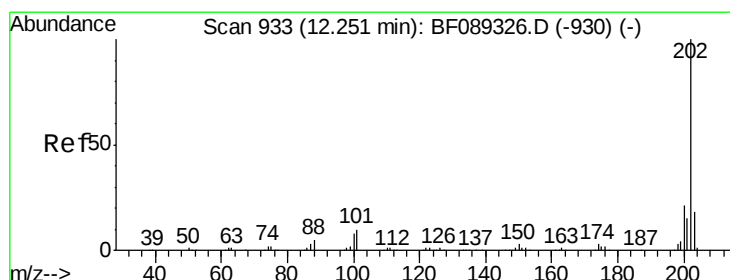
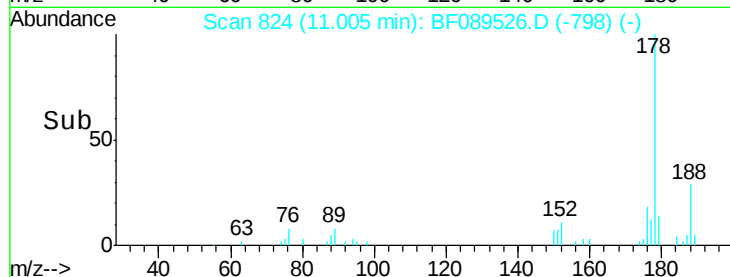
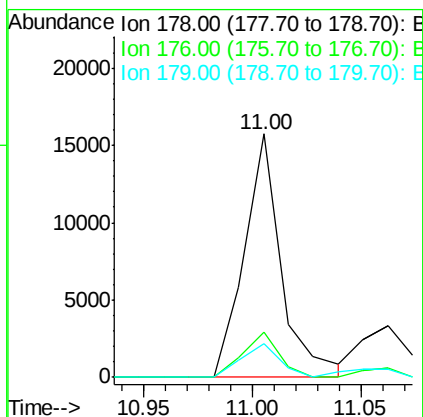
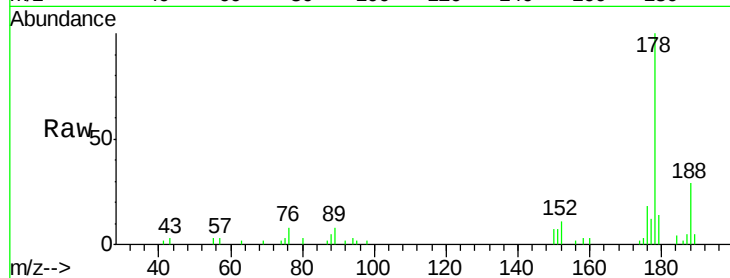
SB-57-17.5-18.5

Tot Ion:178	Resp:	18648
Ion Ratio	Lower	Upper
178 100		
176 18.3	15.5	23.3
179 13.8	12.3	18.5

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#74

Fluoranthene

Concen: 6.75 ng

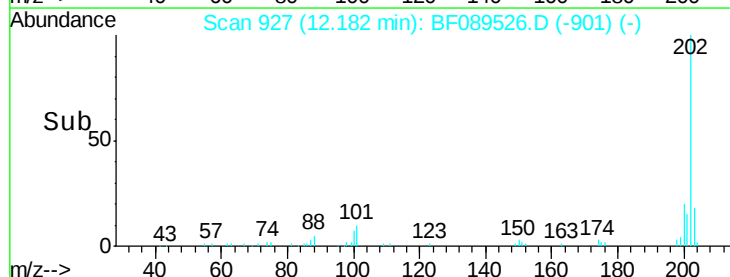
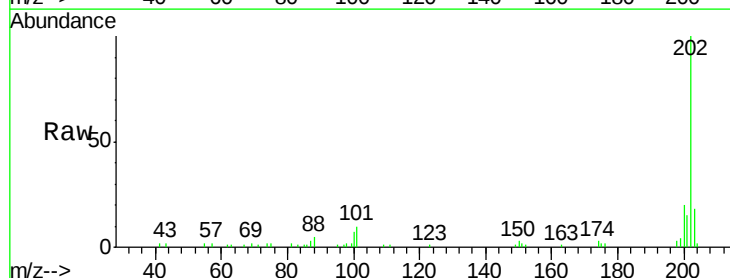
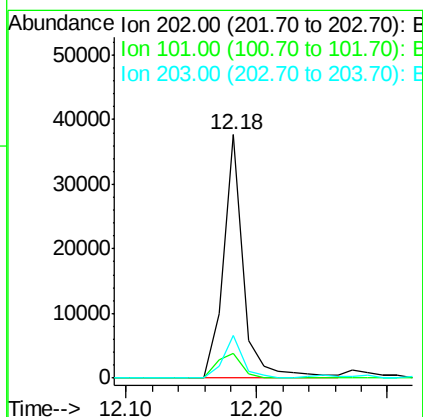
RT: 12.18 min Scan# 927

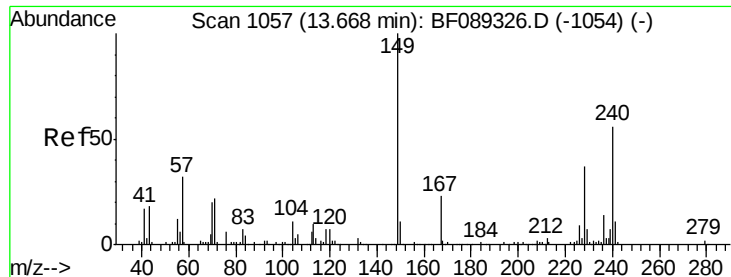
Delta R.T. 0.00 min

Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Tgt Ion:202	Resp:	40391
Ion Ratio	Lower	Upper
202 100		
101 10.0	0.0	29.9
203 17.5	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: BF089526.D

Acq: 1 Aug 2016 22:56

Instrument :

BNA_F

ClientSampled :

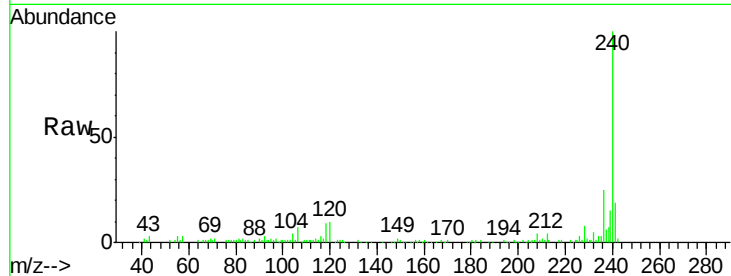
SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.1	13.7
236	25.0	20.6	30.8

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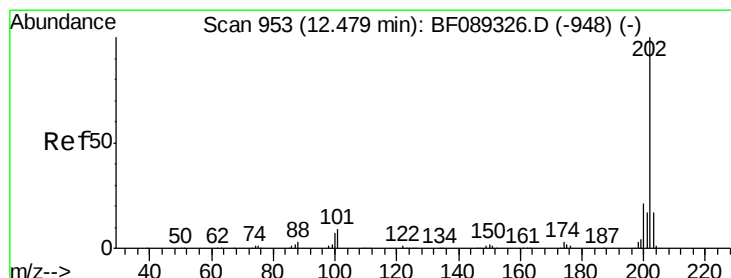
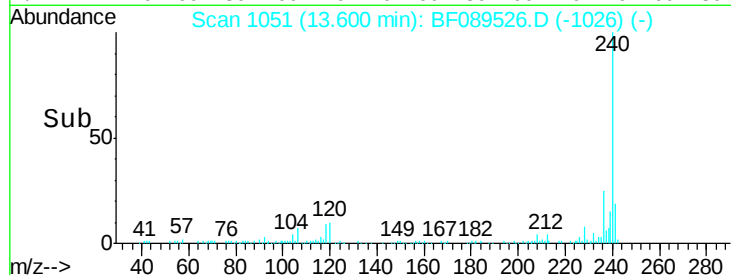
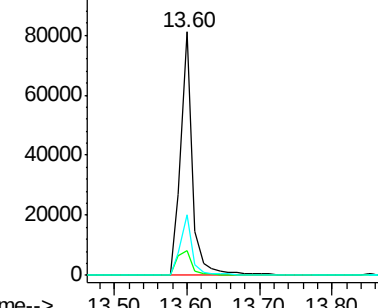
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.82 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF089526.D

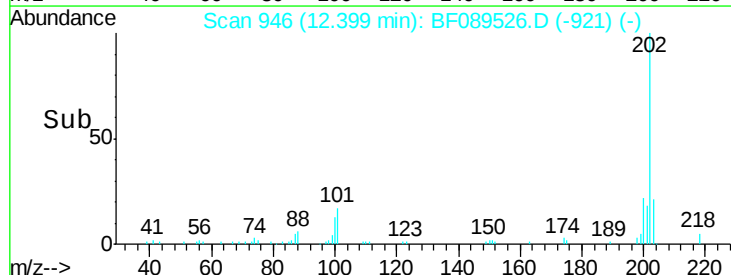
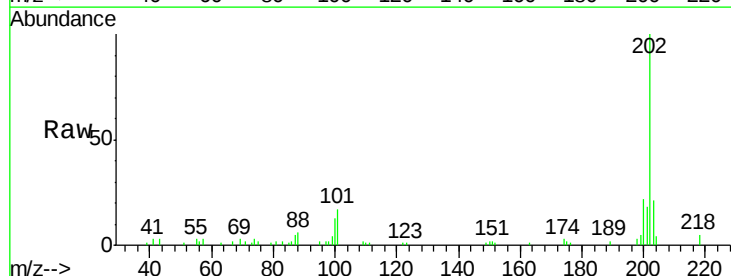
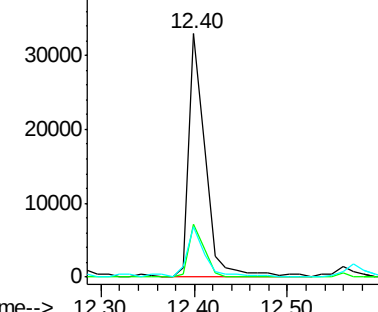
Acq: 1 Aug 2016 22:56

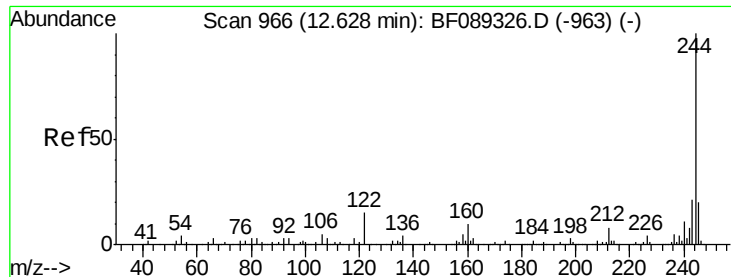
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	20.9	14.0	21.0

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: 60.84 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

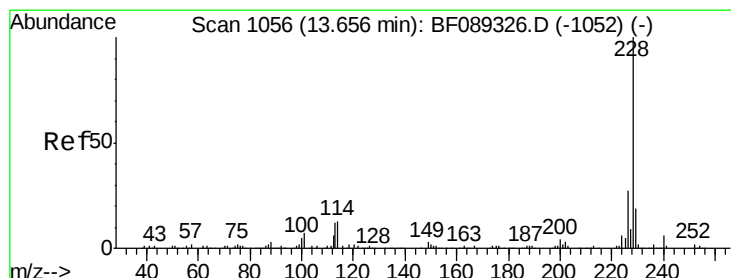
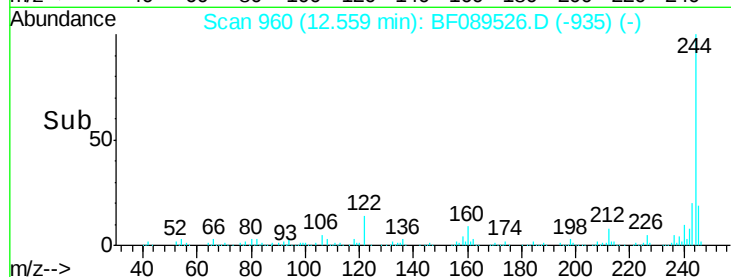
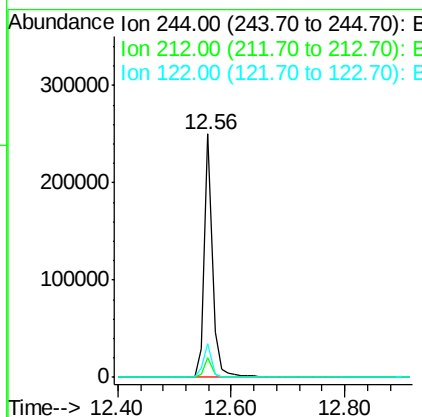
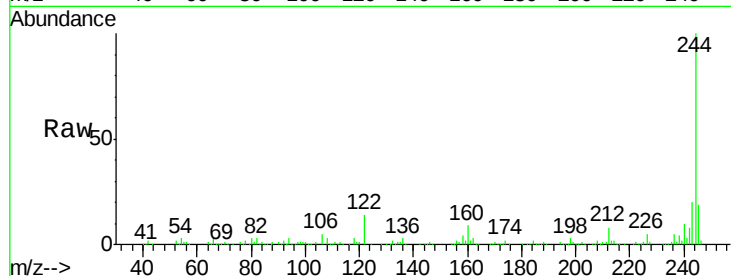
Instrument :
 BNA_F
 ClientSampleId :
 SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	14.0	11.4	17.0

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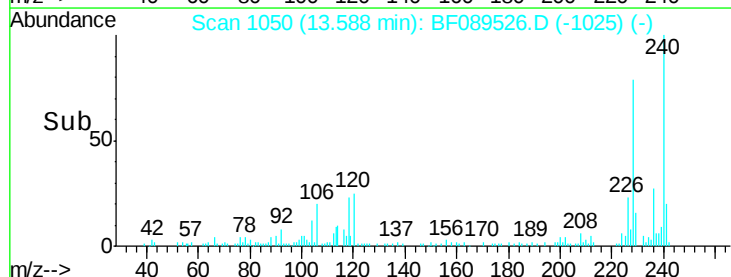
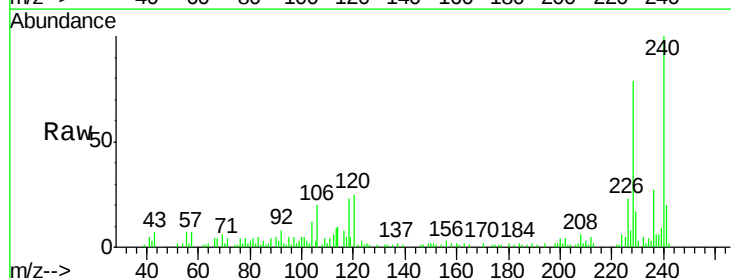
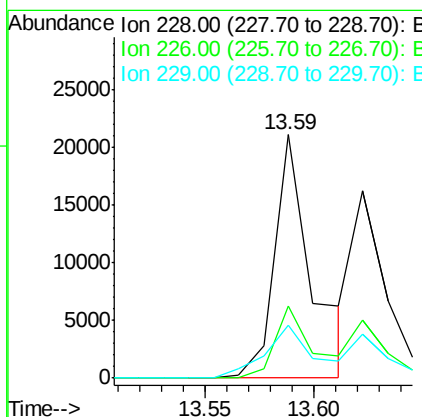
sohil

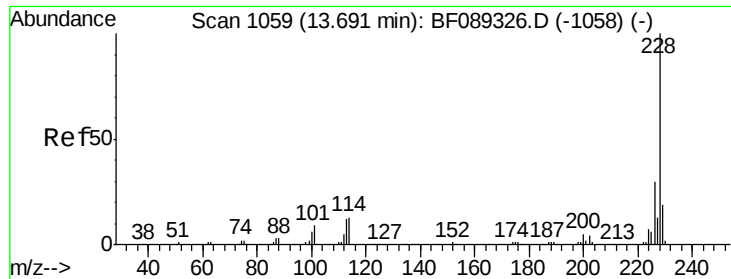
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#80
 Benzo(a)anthracene
 Concen: 4.85 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.4	32.2
229	21.9	15.9	23.9





#82

Chrysene

Concen: 3.26 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

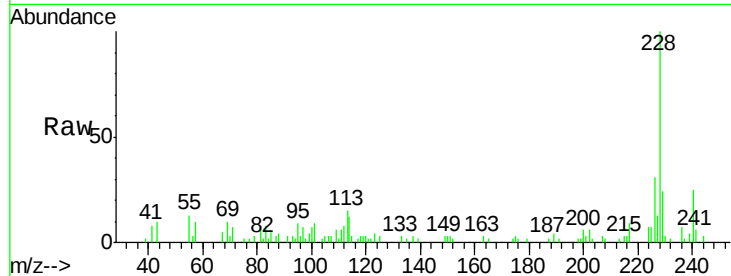
SB-57-17.5-18.5

Tot Ion:	228	Resp:	18070
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.2	36.2
229	23.8	15.9	23.9

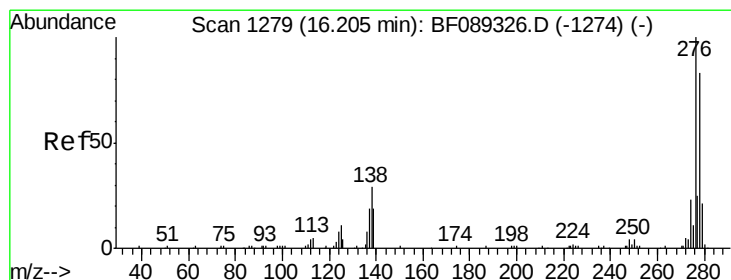
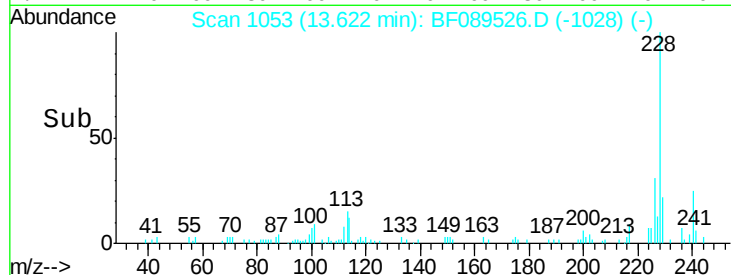
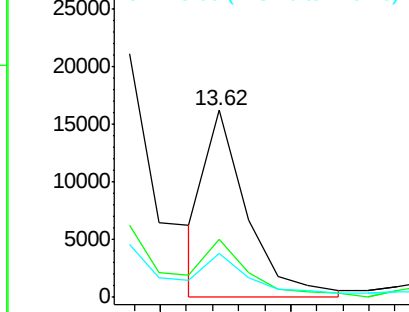
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.00 ng

RT: 16.09 min Scan# 1269

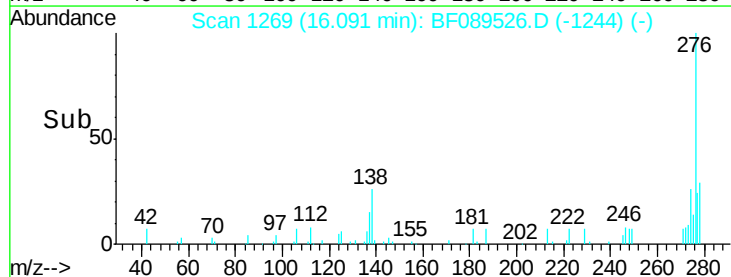
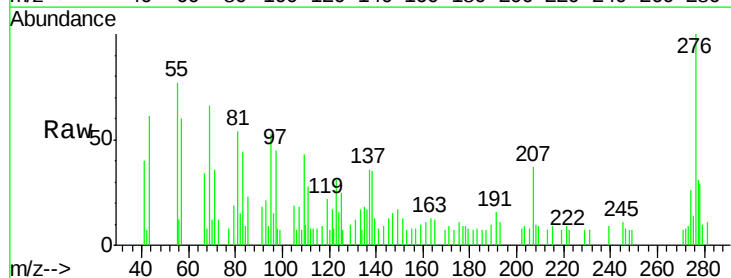
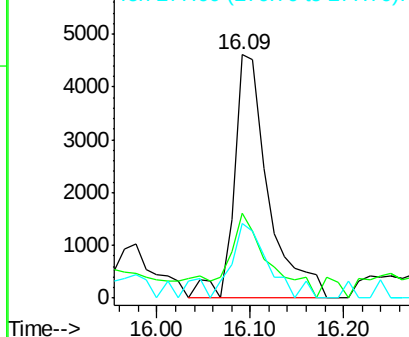
Delta R.T. -0.01 min

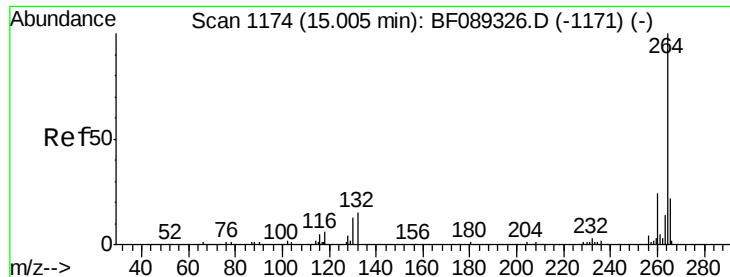
Lab File: BF089526.D

Acq: 1 Aug 2016 22:56

Tgt Ion:	276	Resp:	11841
Ion Ratio	Lower	Upper	
276	100		
138	38.5	23.0	34.4#
277	32.2	20.2	30.4#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

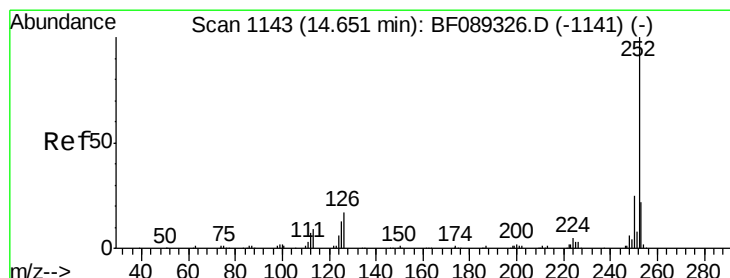
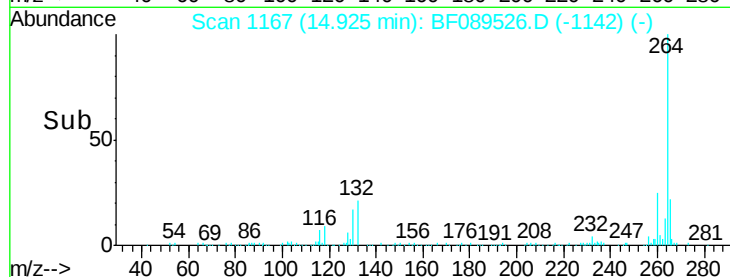
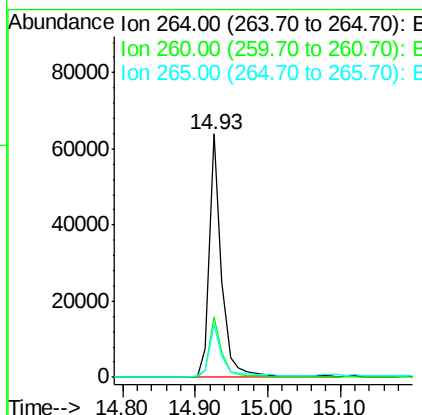
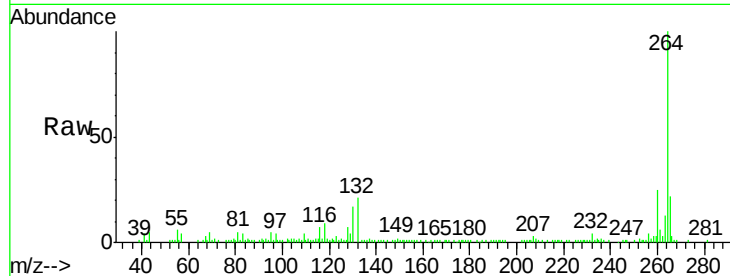
Instrument :
BNA_F
ClientSampleId :
SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.5	17.5	26.3

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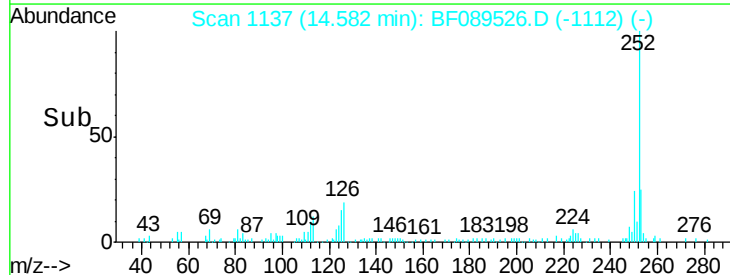
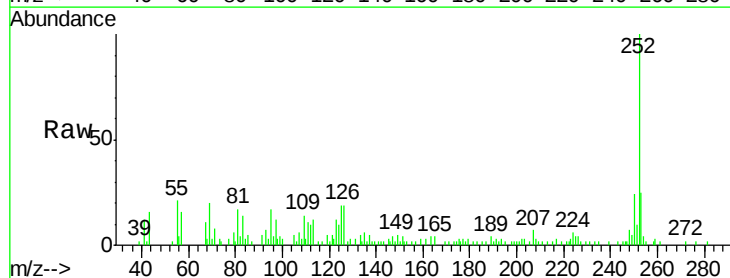
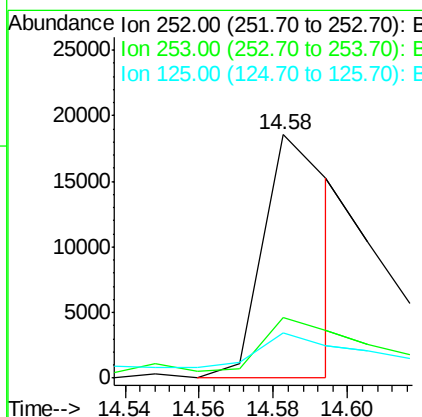
sohil

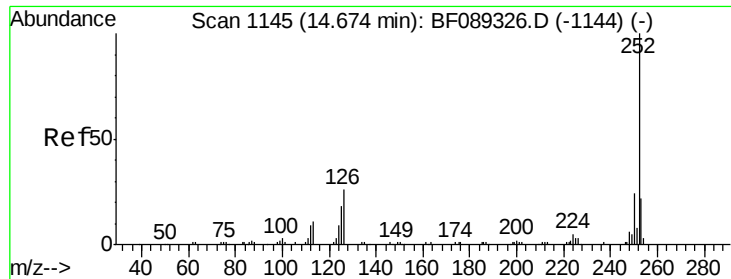
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#87
Benzo(b)fluoranthene
Concen: 5.08 ng m
RT: 14.58 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	18.7	9.7	14.5#





#88
Benzo(k)fluoranthene
Concen: 3.13 ng m
RT: 14.59 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

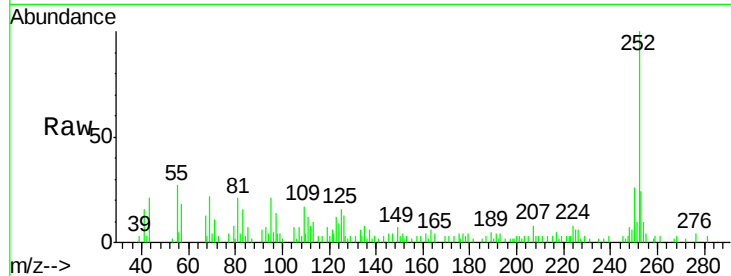
Instrument :
BNA_F
ClientSampleId :
SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	16.2	10.7	16.1

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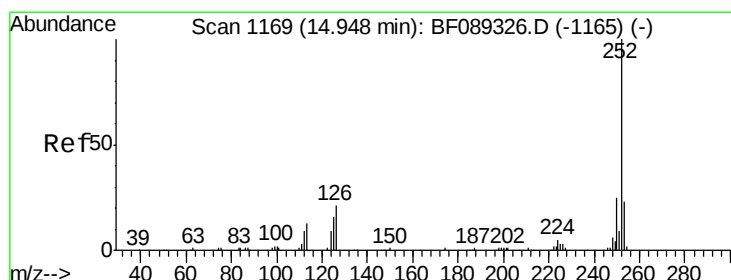
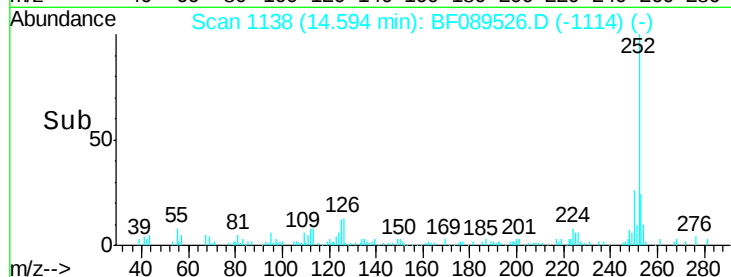
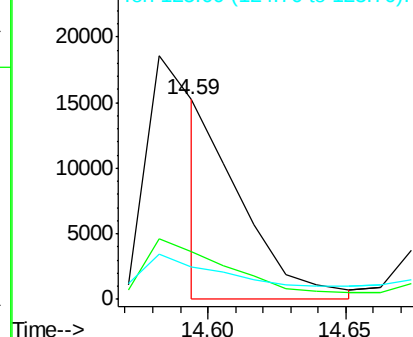


Abundance

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: 4.14 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF089526.D
Acq: 1 Aug 2016 22:56

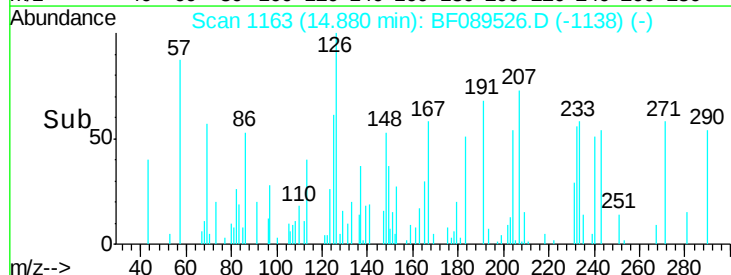
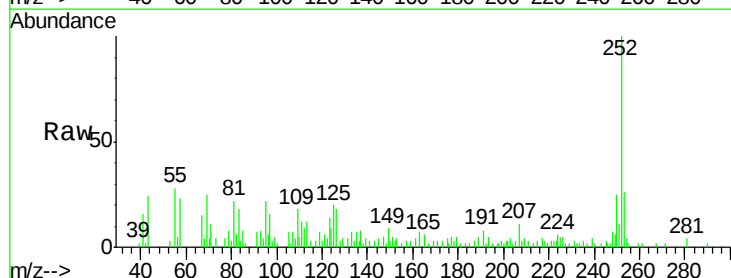
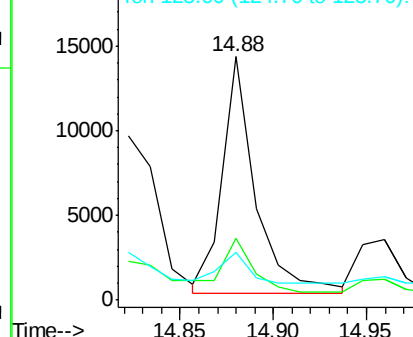
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.2
125	19.8	12.4	18.6

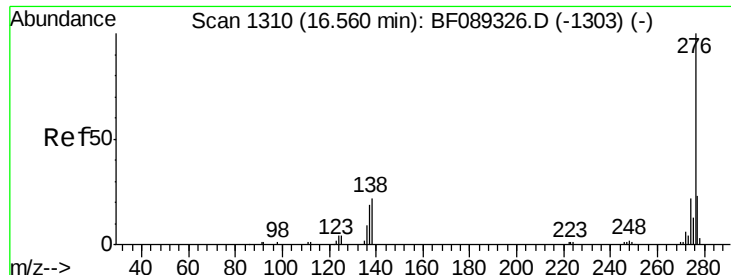
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 3.78 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF089526.D
 Acq: 1 Aug 2016 22:56

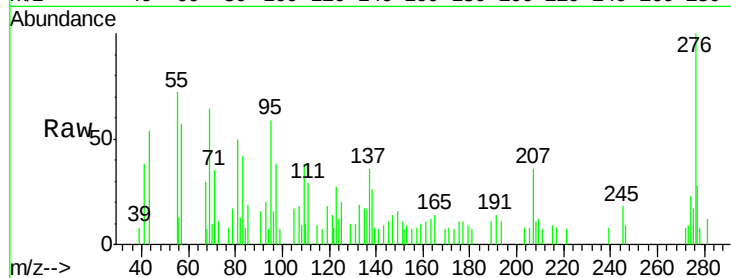
Instrument :
 BNA_F
 ClientSampleId :
 SB-57-17.5-18.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.3	18.6	28.0#
138	26.5	21.4	32.0

Manual Integrations
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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

