

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089803.D
 Acq On : 19 Aug 2016 18:40
 Operator : UM/SJ
 Sample : H4463-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Manual Integrations
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Quant Time: Aug 22 01:47:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 01:47:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	567713	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	2064596	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	973239	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1665029	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1118739	20.00	ng	-0.07
86) Perylene-d12	15.26	264	984867	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3421064	103.34	ng	0.01
7) Phenol-d6	6.32	99	3556098	87.51	ng	0.00
23) Nitrobenzene-d5	7.24	82	2171465	65.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.50	330	897538	97.04	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4380151	79.10	ng	0.00
78) Terphenyl-d14	12.78	244	3230650	65.33	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	1215697	17.74	ng	99
70) Phenanthrene	11.21	178	440914	5.24	ng	98
74) Fluoranthene	12.39	202	447528	5.59	ng	93
77) Pyrene	12.62	202	441376	4.84	ng	97
80) Benzo(a)anthracene	13.82	228	165071m	2.58	ng	
82) Chrysene	13.85	228	148838m	2.71	ng	
87) Benzo(b)fluoranthene	14.88	252	136197m	2.51	ng	
89) Benzo(a)pyrene	15.20	252	113636	2.22	ng	# 96

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

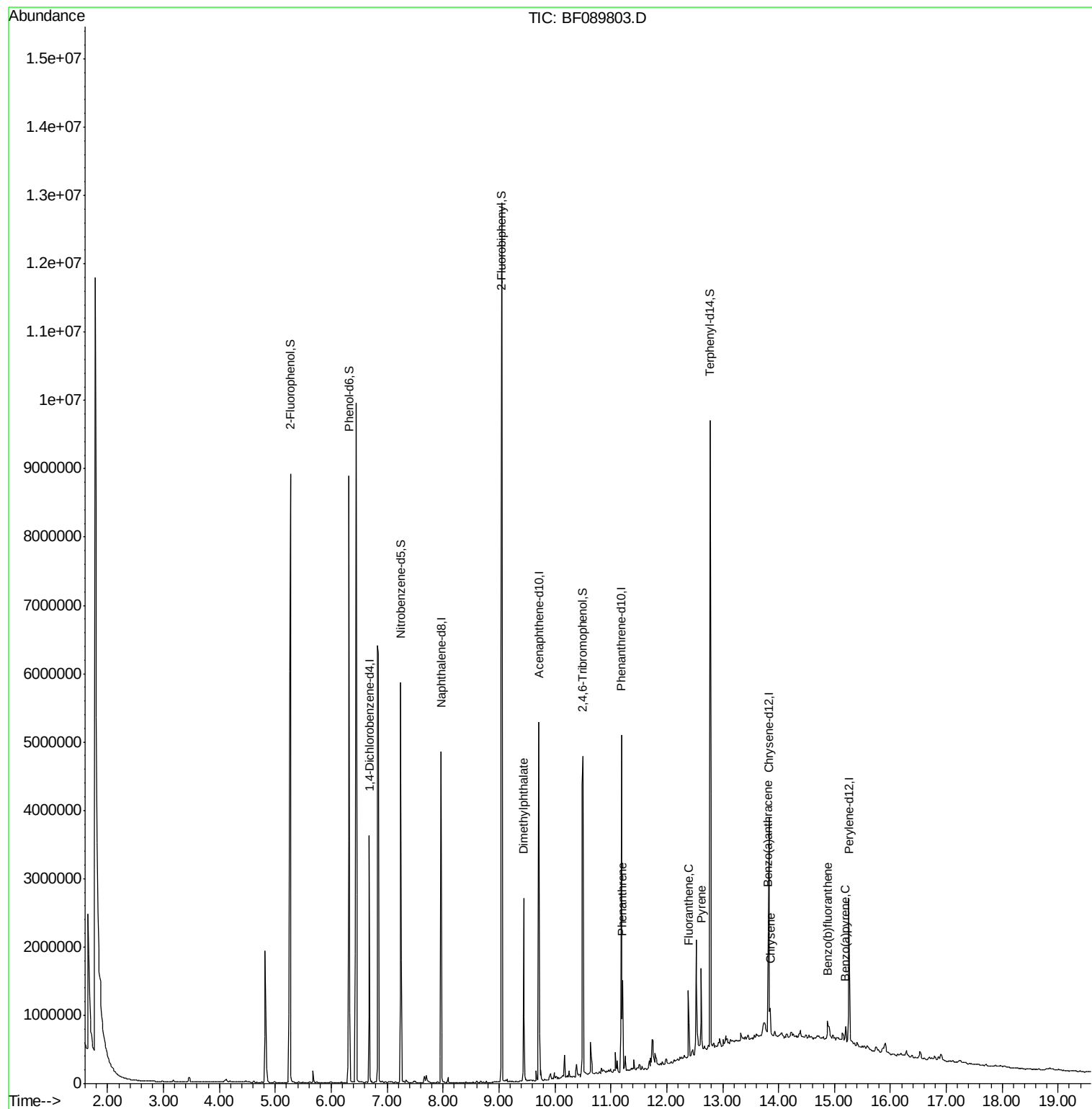
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089803.D
Acq On : 19 Aug 2016 18:40
Operator : UM/SJ
Sample : H4463-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

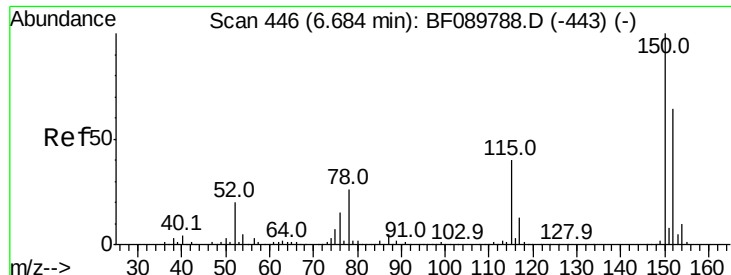
Instrument :
BNA_F
ClientSampleId :
STONE-1

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Quant Time: Aug 22 01:47:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

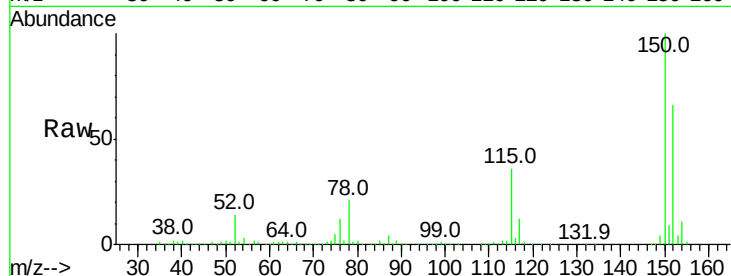
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Instrument :
BNA_F
ClientSampled :
STONE-1

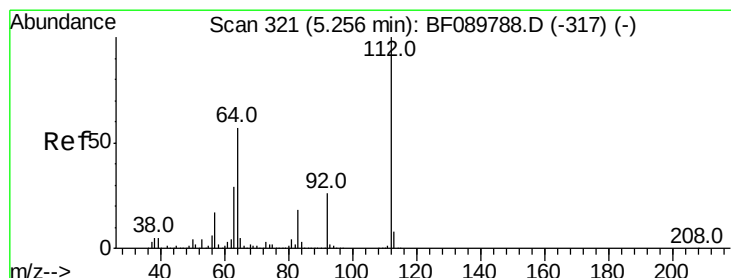
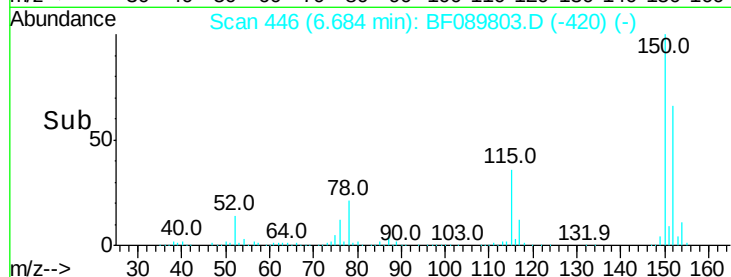
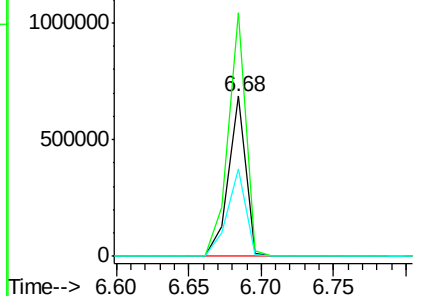
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.3	187.9
115	54.8	40.9	61.3

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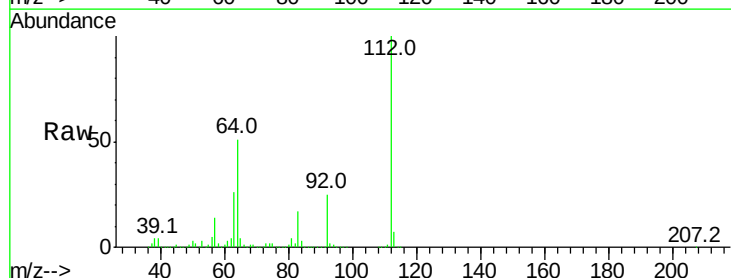
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



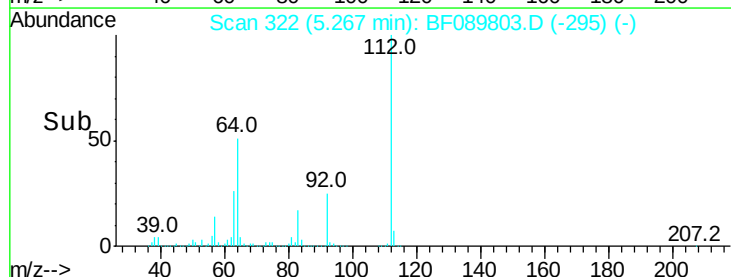
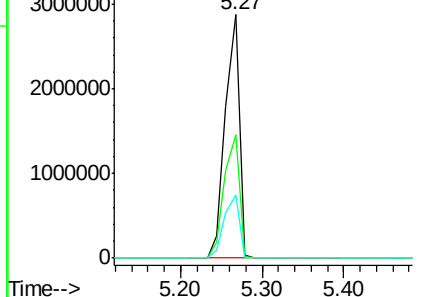
#5

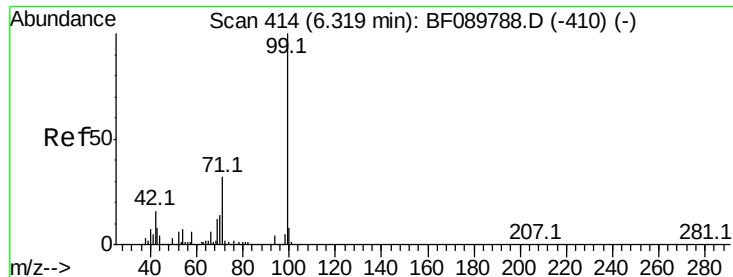
2-Fluorophenol
Concen: 103.34 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	45.0	67.4
63	25.7	23.1	34.7



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: 87.51 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Instrument :

BNA_F

ClientSampleId :

STONE-1

Tot Ion: 99 Resp: 3556098

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.4

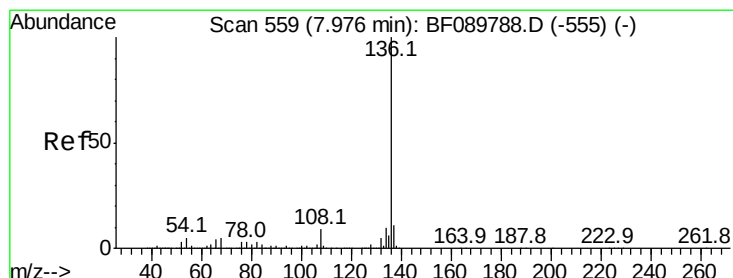
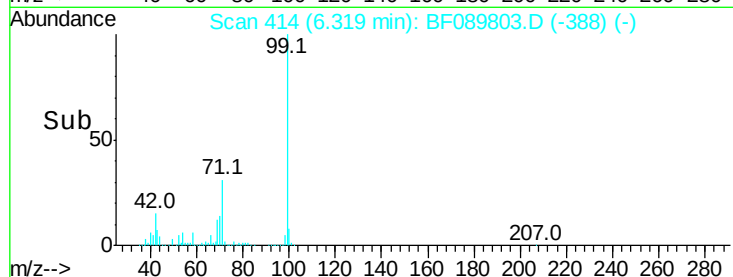
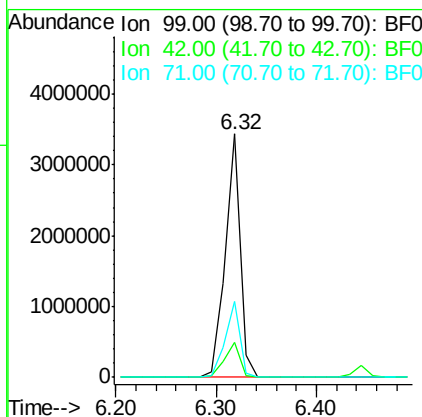
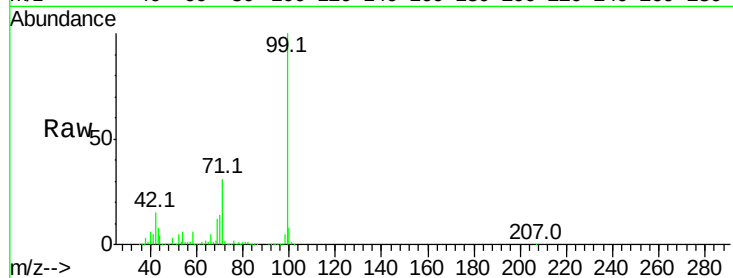
71 31.4 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Tgt Ion: 136 Resp: 2064596

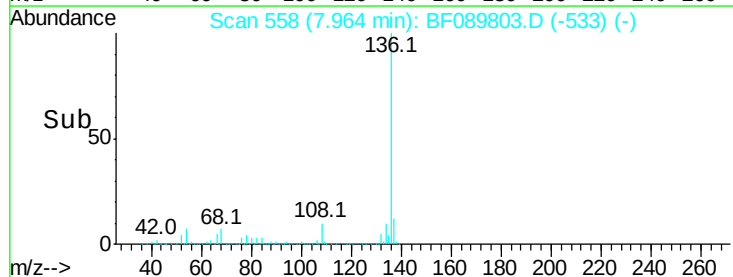
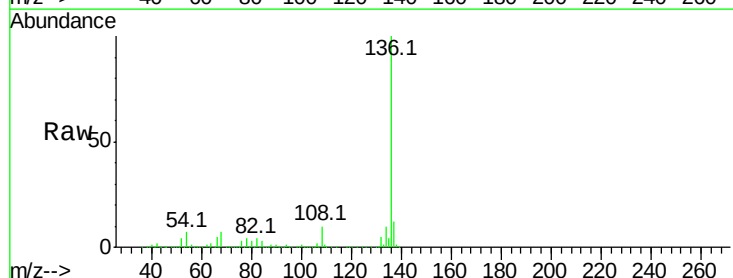
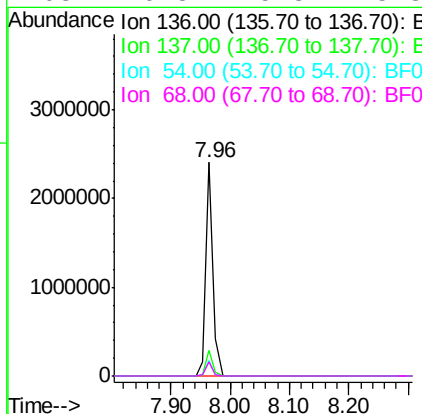
Ion Ratio Lower Upper

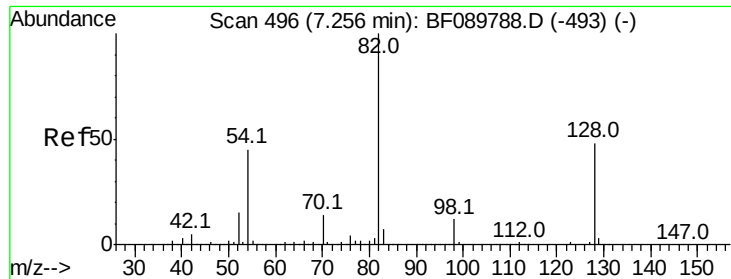
136 100

137 11.8 9.2 13.8

54 7.4 7.2 10.8

68 6.8 5.8 8.8





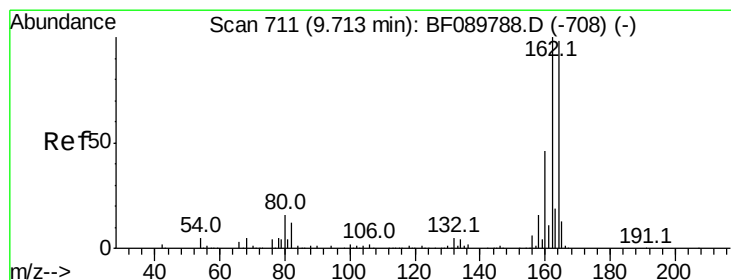
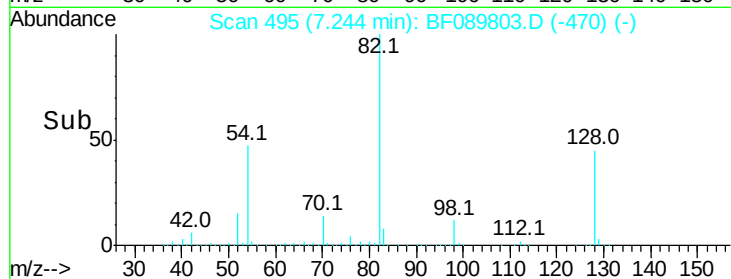
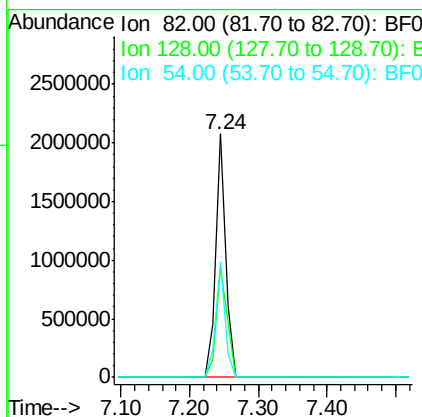
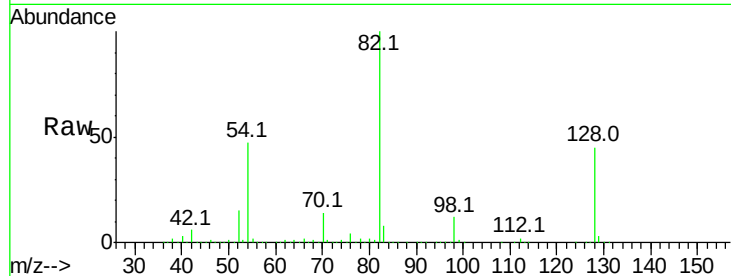
#23
 Nitrobenzene-d5
 Concen: 65.34 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Instrument :
 BNA_F
 ClientSampled :
 STONE-1

Tot Ion	82	Resp	2171465
Ion Ratio	100	Lower	Upper
128	44.7	34.4	51.6
54	47.2	40.3	60.5

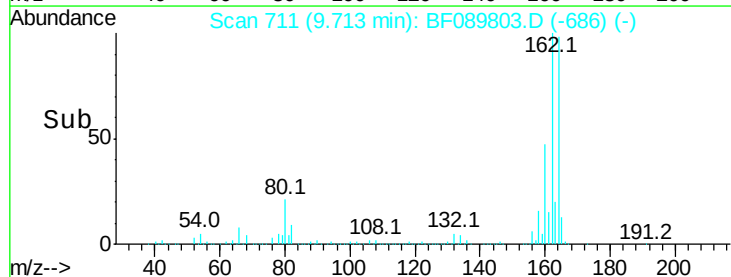
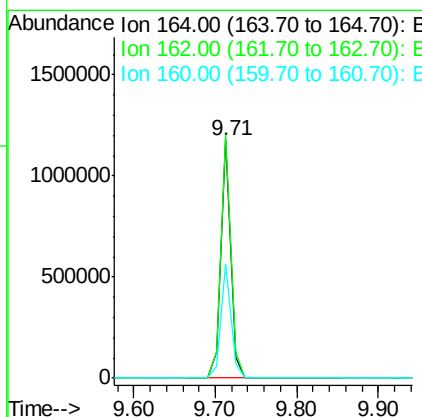
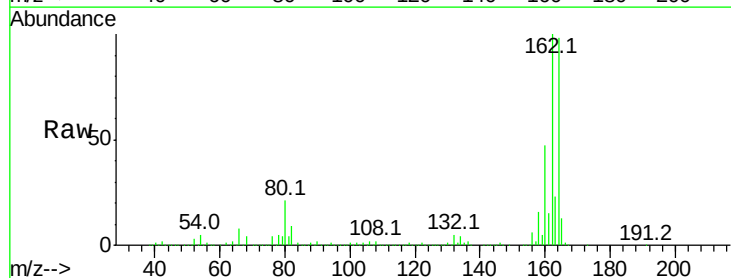
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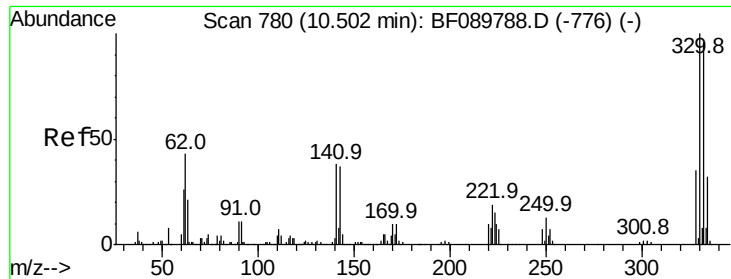
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Tgt Ion	164	Resp	973239
Ion Ratio	100	Lower	Upper
162	102.1	81.4	122.2
160	47.7	37.8	56.6





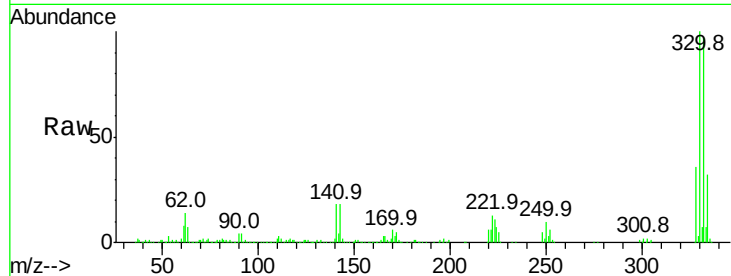
#41
 2,4,6-Tribromophenol
 Concen: 97.04 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	897538		
332	96.6	76.7	115.1	
141	33.2	30.2	45.2	

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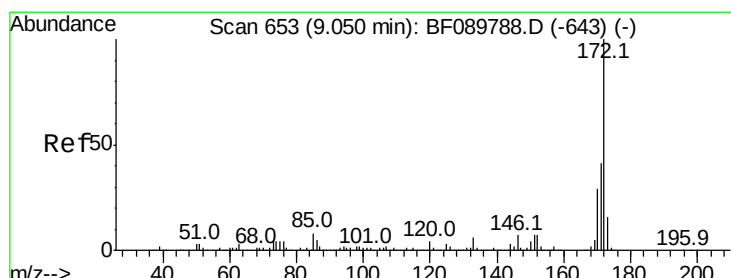
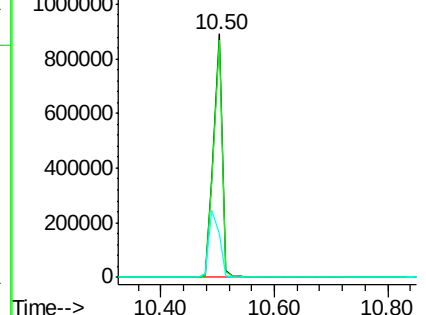
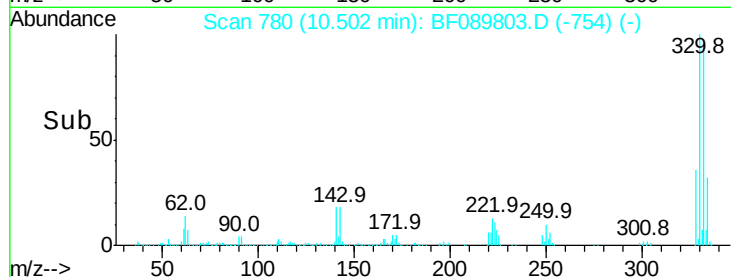


Abundance

Ion 329.80 (329.50 to 330.50): E

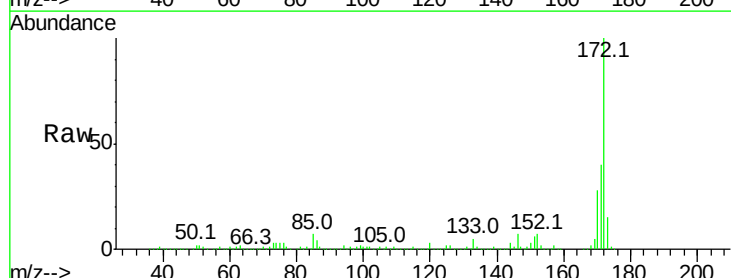
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.10 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4380151		
171	39.6	30.5	45.7	
170	27.8	20.6	31.0	

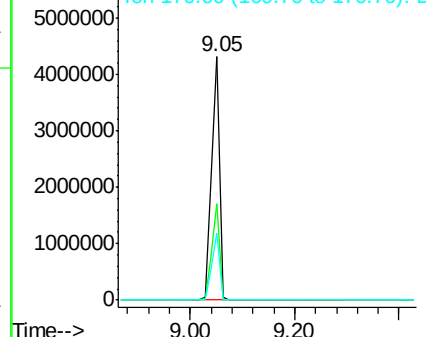
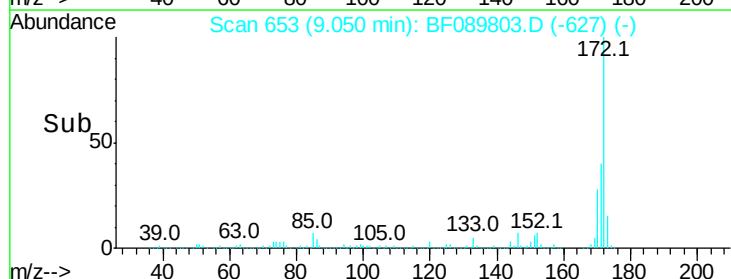


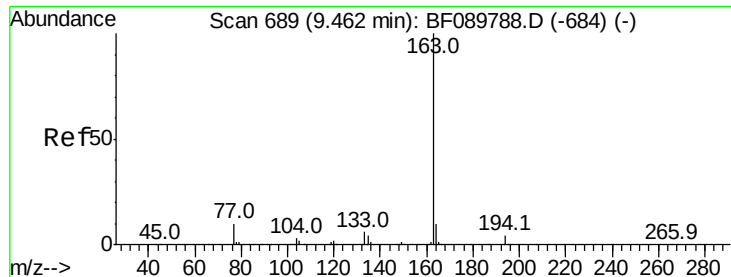
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 17.74 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Instrument :

BNA_F

ClientSampleId :

STONE-1

Tot Ion:163 Resp: 1215697

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

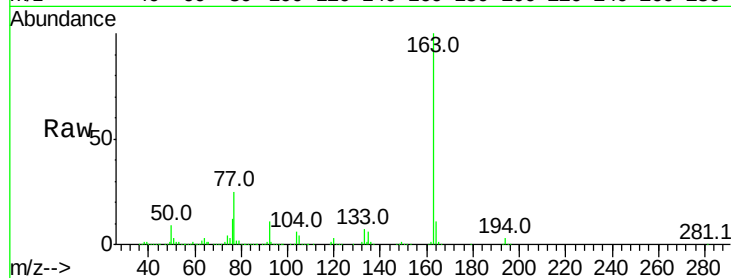
164 11.1 8.6 12.8

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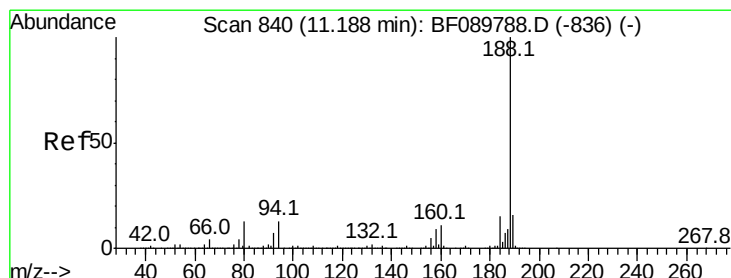
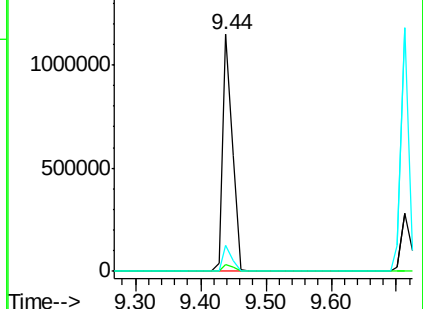
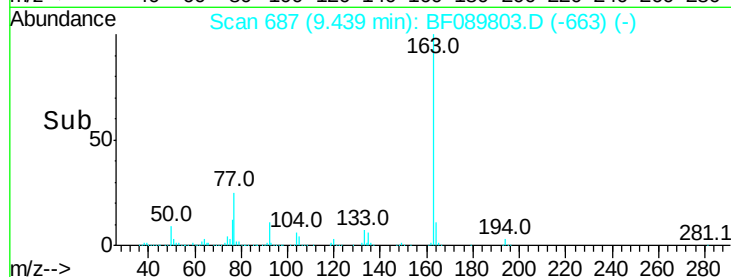
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

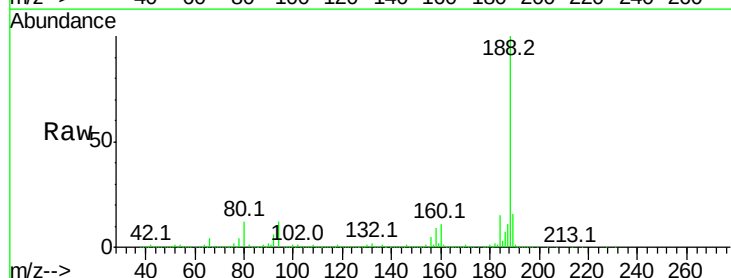
Tgt Ion:188 Resp: 1665029

Ion Ratio Lower Upper

188 100

94 11.9 10.2 15.2

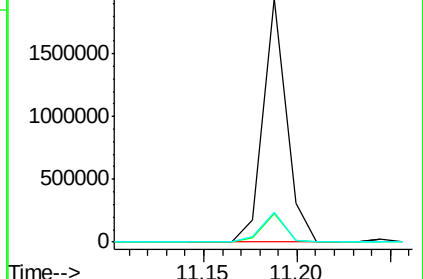
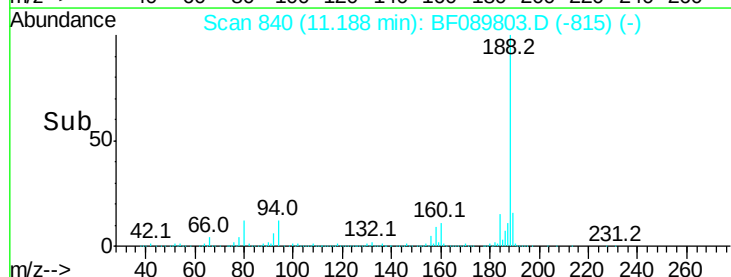
80 12.0 10.9 16.3

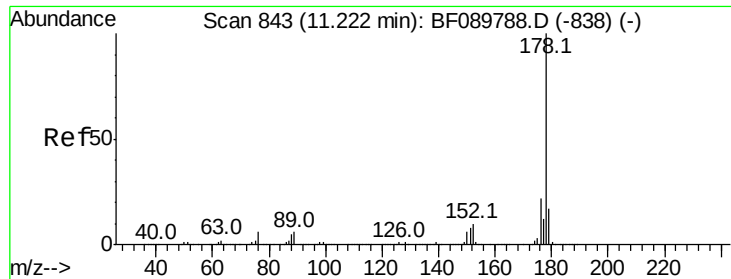


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





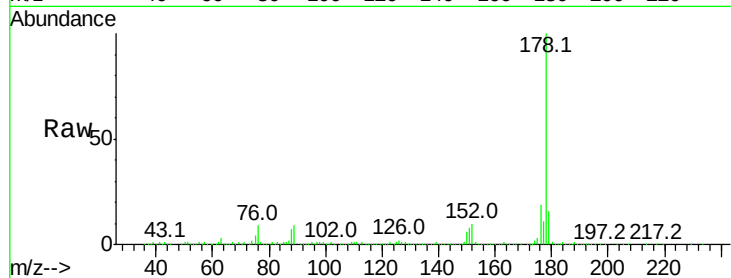
#70
Phenanthrene
Concen: 5.24 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Instrument :
BNA_F
ClientSampleId :
STONE-1

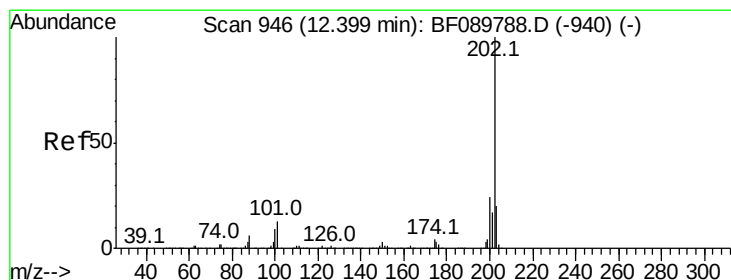
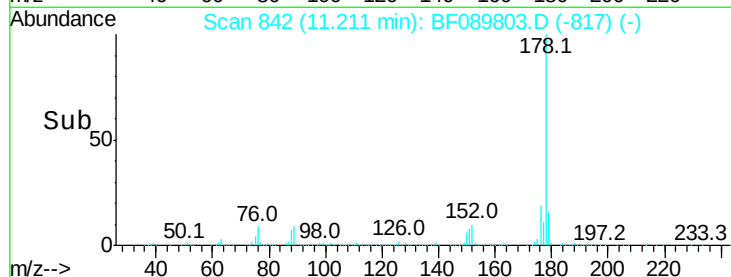
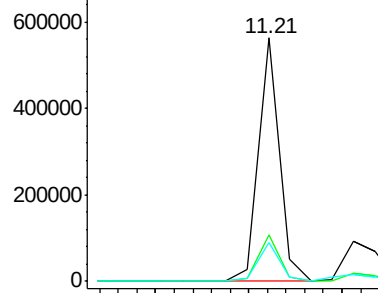
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.4	24.6
179	15.8	12.5	18.7

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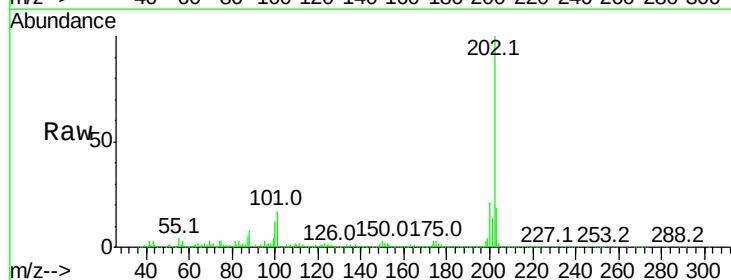


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

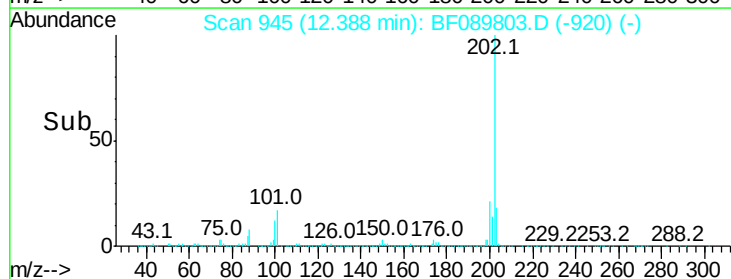
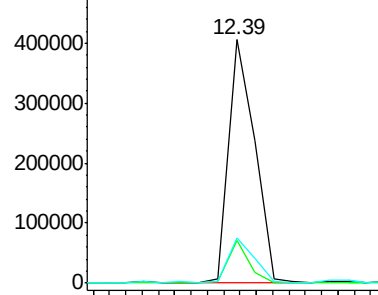


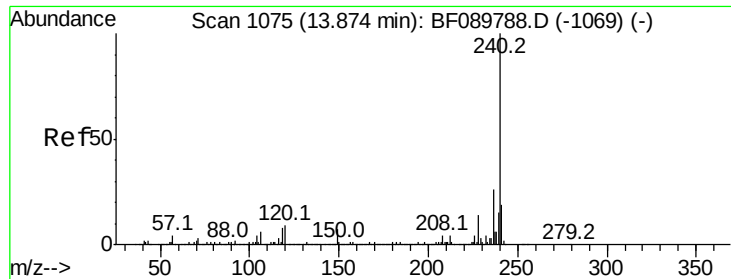
#74
Fluoranthene
Concen: 5.59 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	31.2
203	18.6	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.07 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Instrument :

BNA_F

ClientSampleId :

STONE-1

Tot Ion:240 Resp: 1118739

Ion Ratio Lower Upper

240 100

120 11.0

236 26.4

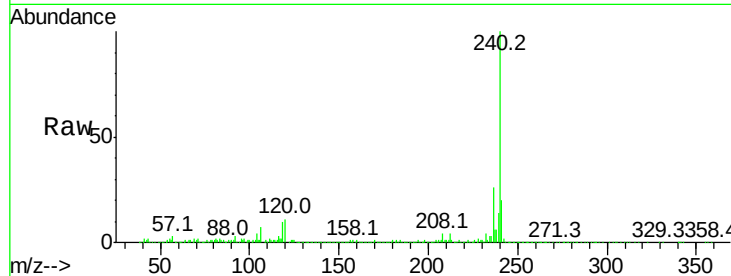
8.3 12.5

21.3 31.9

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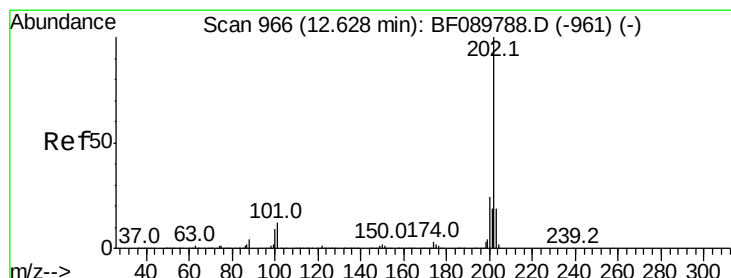
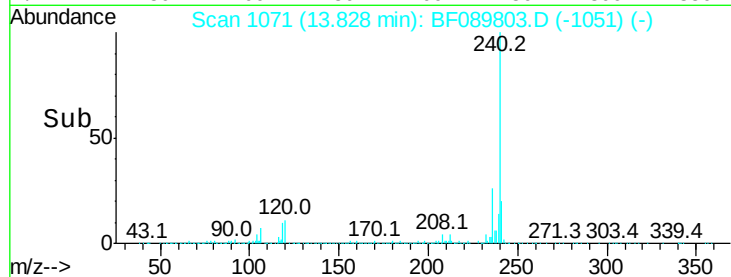
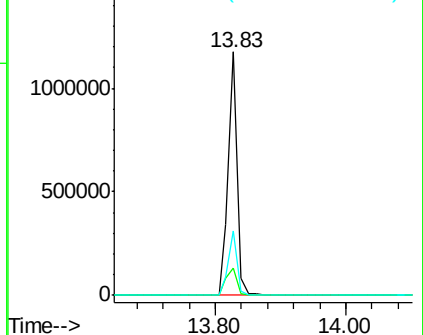
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.84 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Tgt Ion:202 Resp: 441376

Ion Ratio Lower Upper

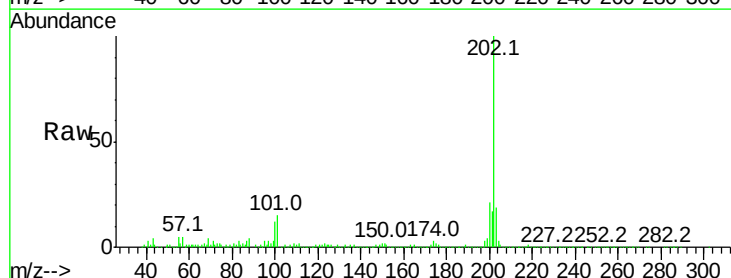
202 100

200 20.7

203 19.0

17.8 26.6

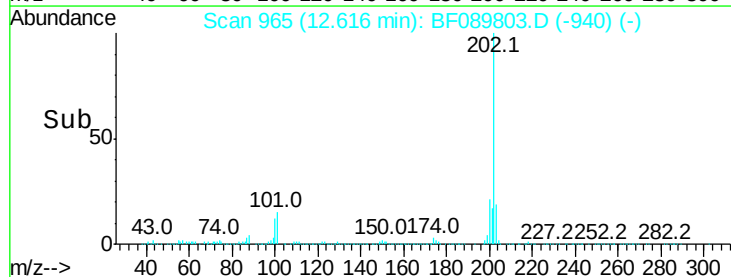
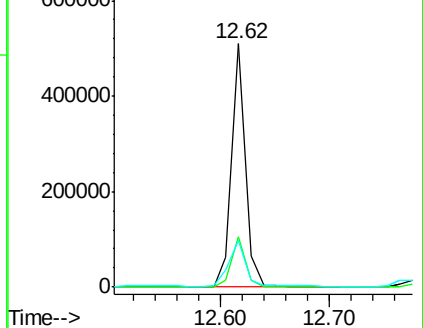
14.2 21.4

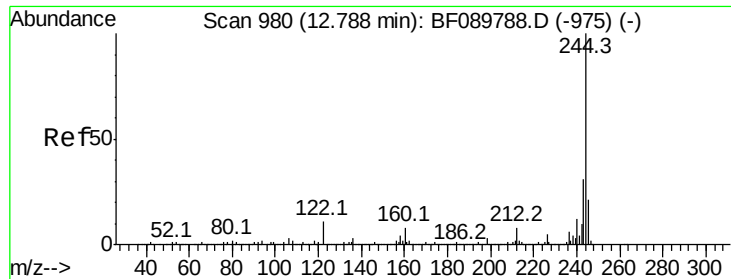


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





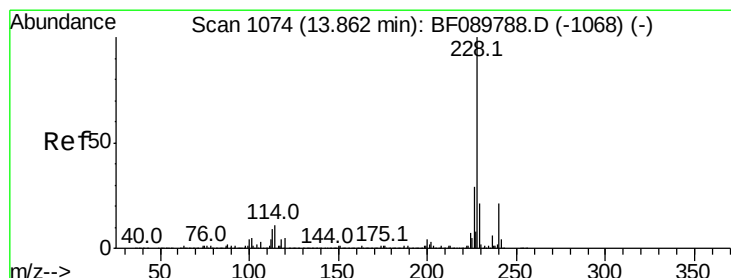
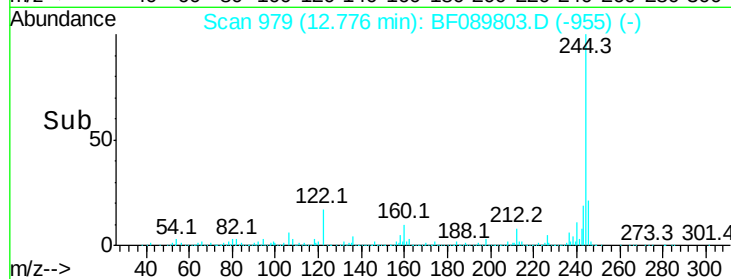
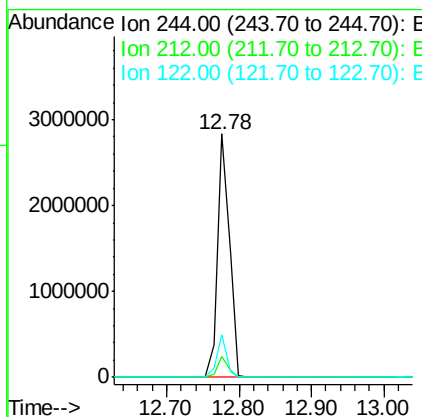
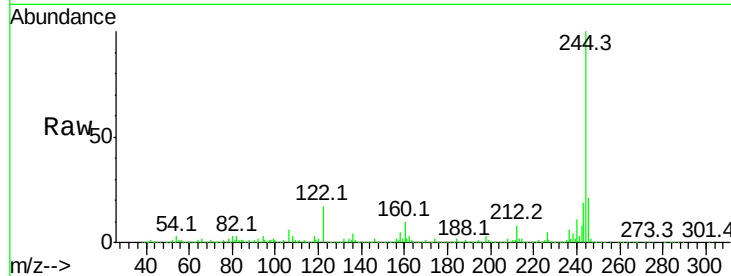
#78
 Terphenyl-d14
 Concen: 65.33 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	17.4	12.0	18.0

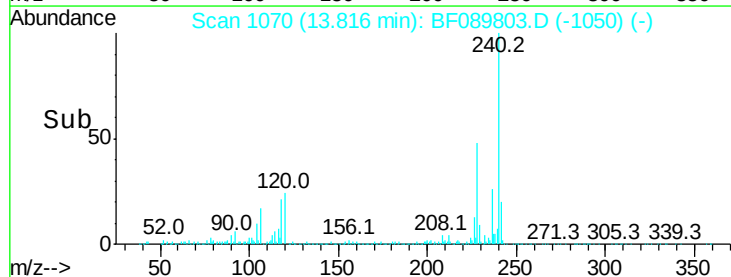
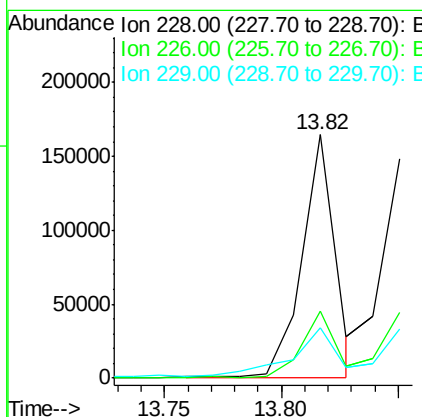
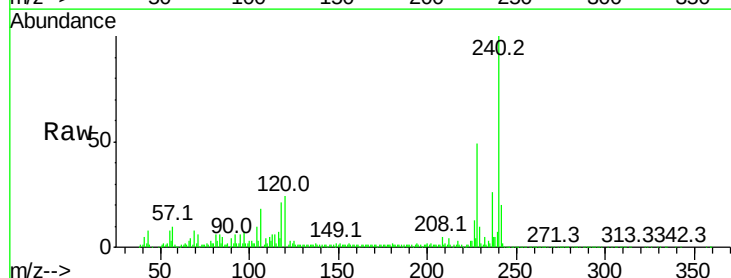
Manual Integrations
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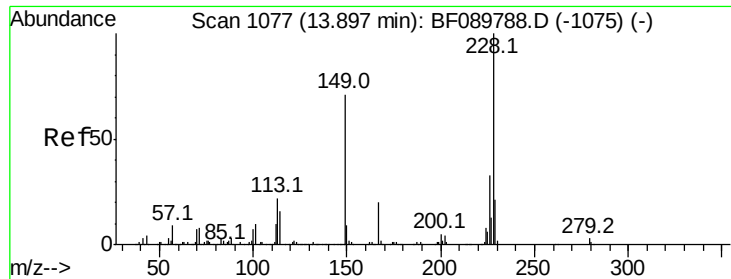
sohil
 8/22/2016 3:48:07 PM



#80
 Benzo(a)anthracene
 Concen: 2.58 ng m
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.07 min
 Lab File: BF089803.D
 Acq: 19 Aug 2016 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.2	34.8
229	20.7	16.2	24.4





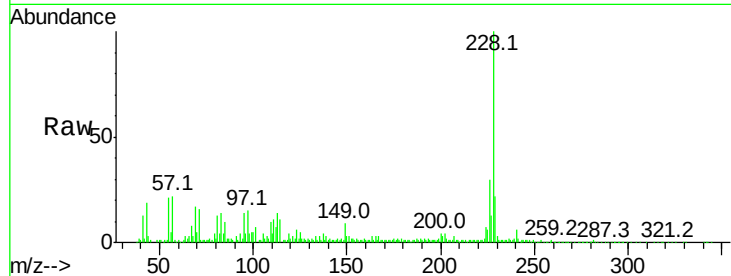
#82
Chrysene
Concen: 2.71 ng/mL
RT: 13.85 min Scan# 1073
Delta R.T. -0.08 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Instrument :
BNA_F
ClientSampled :
STONE-1

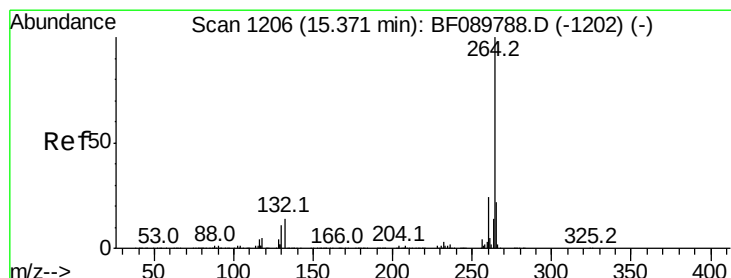
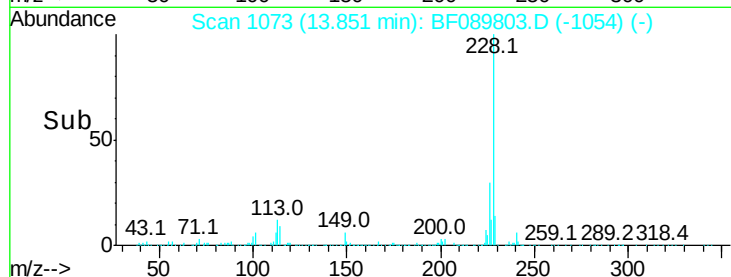
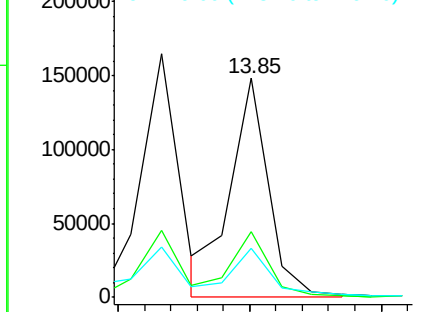
Tot Ion:	228	Resp:	148838
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.0
229	22.2	16.5	24.7

Manual Integrations
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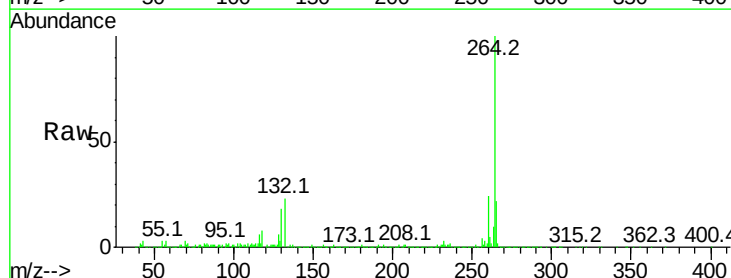


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

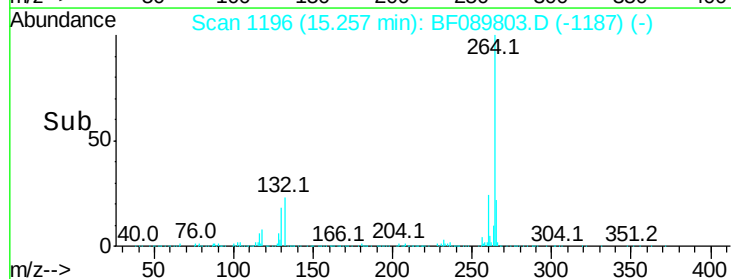
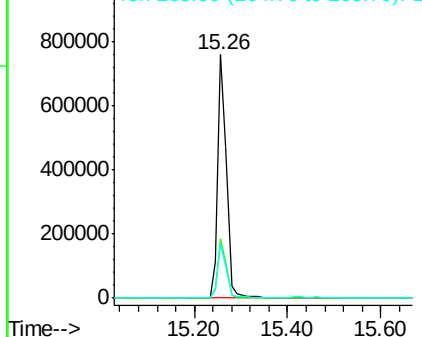


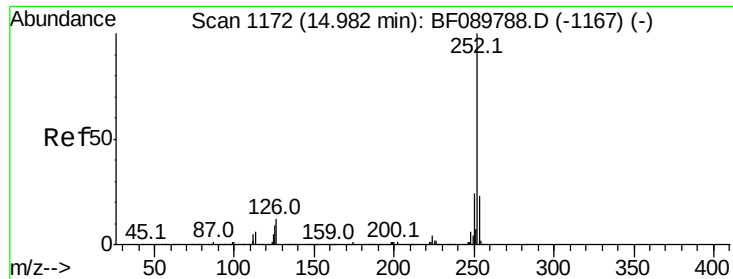
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.19 min
Lab File: BF089803.D
Acq: 19 Aug 2016 18:40

Tgt Ion:	264	Resp:	984867
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.2	30.2
265	22.4	17.4	26.2



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: 2.51 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.17 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Instrument :

BNA_F

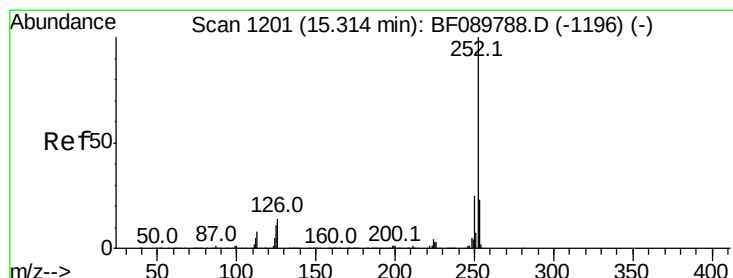
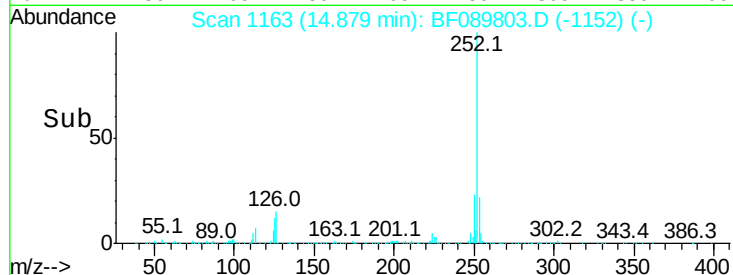
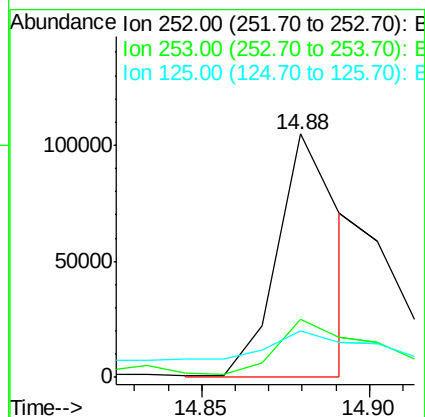
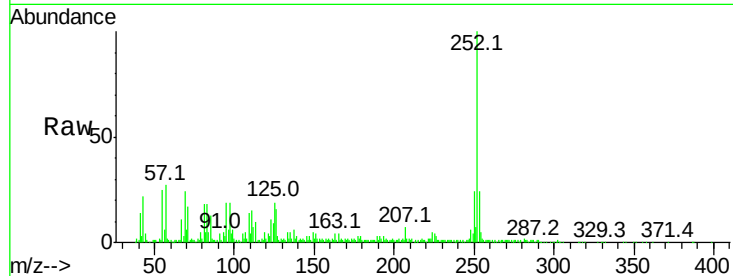
ClientSampleId :

STONE-1

Tot Ion:	252	Resp:	136197
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	18.9	11.4	17.2#

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#89

Benzo(a)pyrene

Concen: 2.22 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.19 min

Lab File: BF089803.D

Acq: 19 Aug 2016 18:40

Tgt Ion:	252	Resp:	113636
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	17.9	11.7	17.5#

