

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089477.D
 Acq On : 31 Jul 2016 18:19
 Operator : UM/SJ
 Sample : H4252-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RU001

Manual Integrations
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Quant Time: Aug 01 05:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	46723	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	171997	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	75104	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	113941	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	89834	20.00	ng	-0.01
86) Perylene-d12	14.94	264	101943	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	309436	105.75	ng	0.00
7) Phenol-d6	6.16	99	412559	106.68	ng	-0.01
23) Nitrobenzene-d5	7.06	82	244888	84.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	58928	94.74	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	409151	79.95	ng	-0.01
78) Terphenyl-d14	12.57	244	259076	67.50	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.26	163	79595	13.93	ng	99
74) Fluoranthene	12.19	202	18280	2.96	ng	93
77) Pyrene	12.42	202	17954	2.64	ng	94
80) Benzo(a)anthracene	13.60	228	12226	2.41	ng	96
85) Indeno(1,2,3-cd)pyrene	16.13	276	8733	2.28	ng	95
87) Benzo(b)fluoranthene	14.61	252	16546m	2.61	ng	
89) Benzo(a)pyrene	14.89	252	11708	2.06	ng	95

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

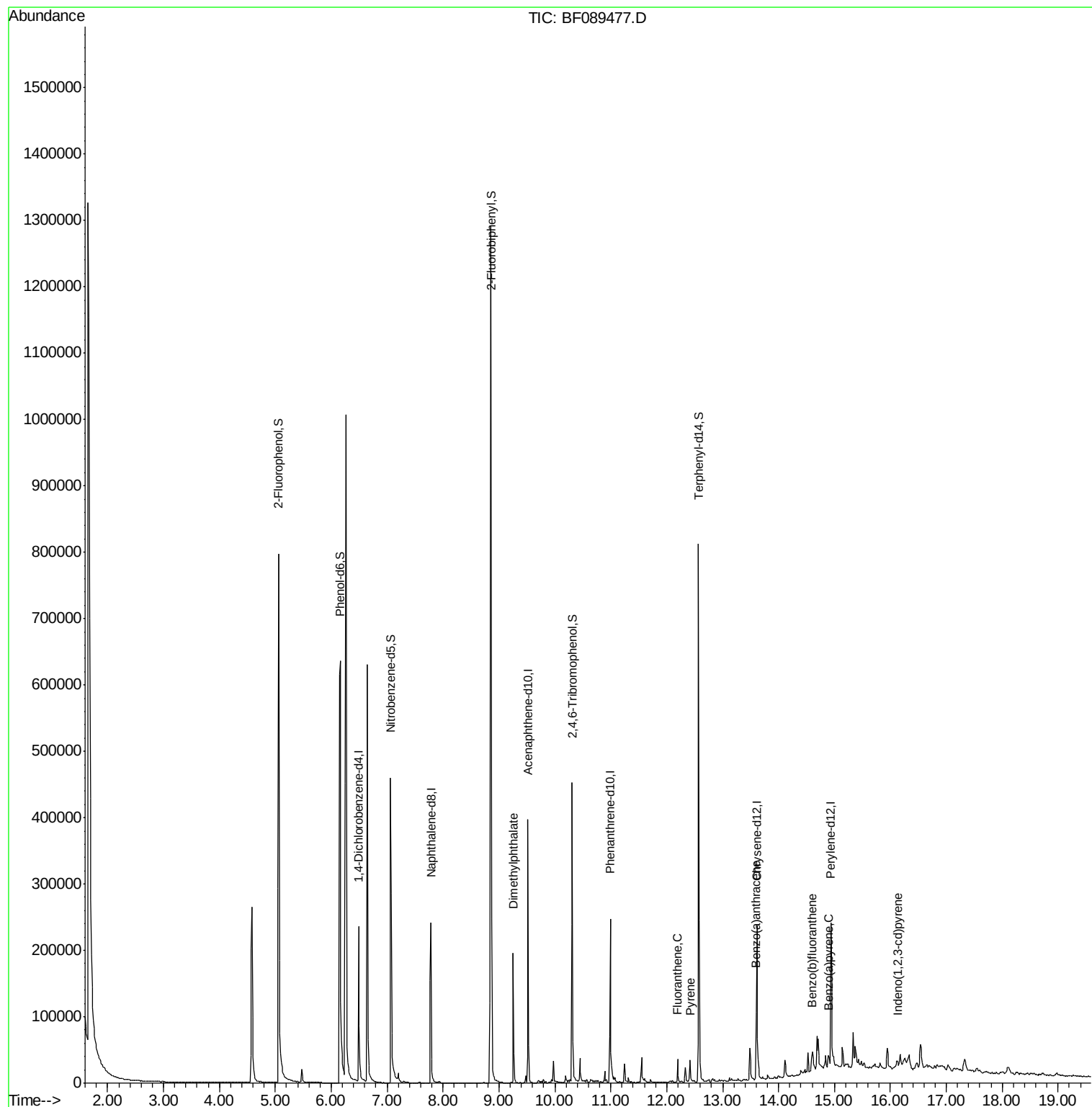
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089477.D
Acq On : 31 Jul 2016 18:19
Operator : UM/SJ
Sample : H4252-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

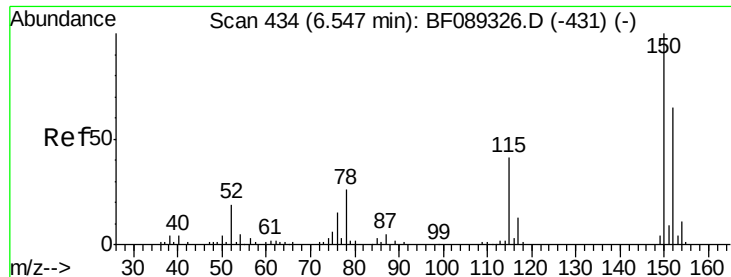
Instrument :
BNA_F
ClientSampleId :
RU001

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Quant Time: Aug 01 05:51:22 2016
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#1

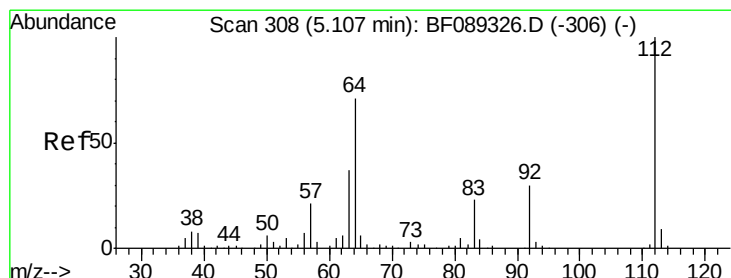
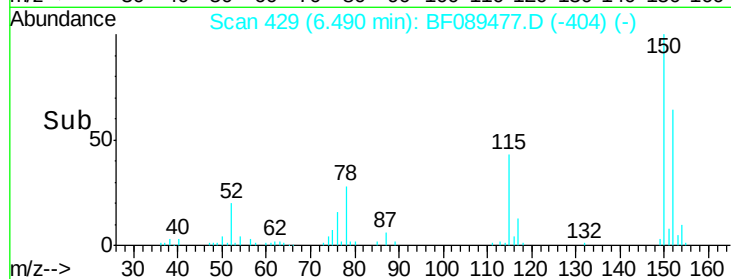
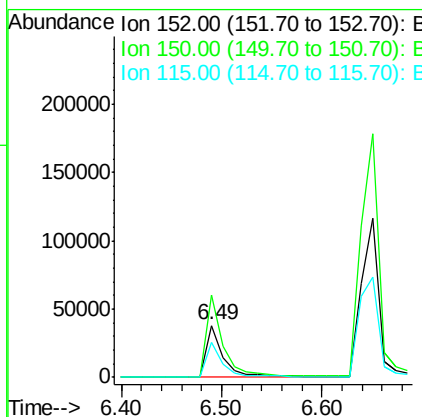
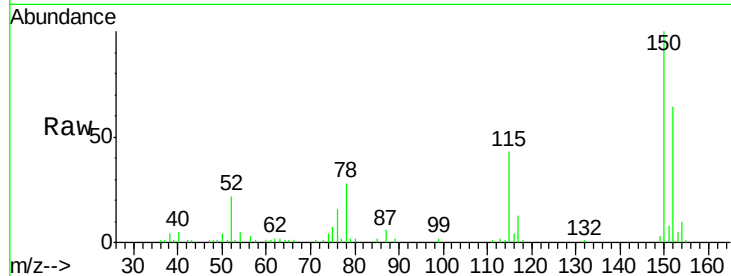
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampled :
RU001

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.5	194.3
115	68.2	51.4	77.2

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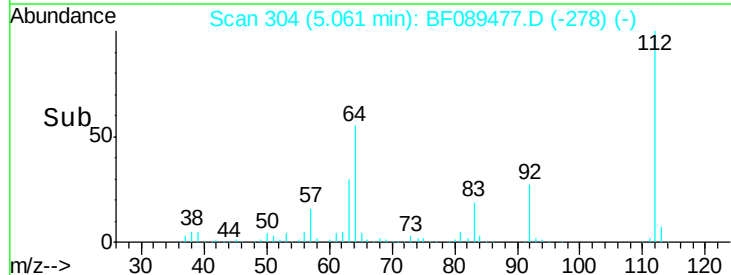
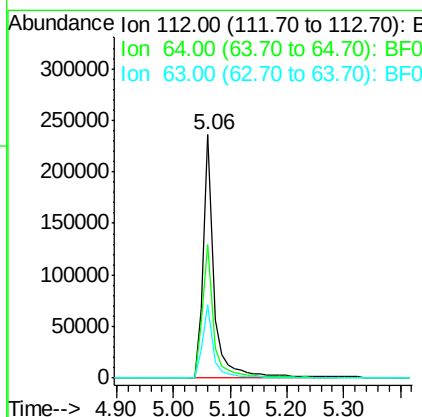
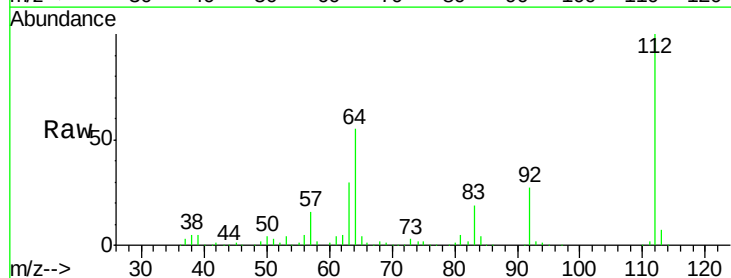
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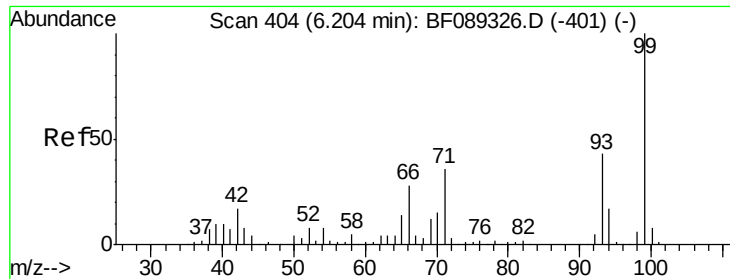


#5

2-Fluorophenol
Concen: 105.75 ng
RT: 5.06 min Scan# 304
Delta R.T. 0.00 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	55.0	82.6#
63	29.9	29.4	44.2





#7

Phenol-d6

Concen: 106.68 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089477.D

Acq: 31 Jul 2016 18:19

Instrument :

BNA_F

ClientSampled :

RU001

Tot Ion: 99 Resp: 412559

Ion Ratio Lower Upper

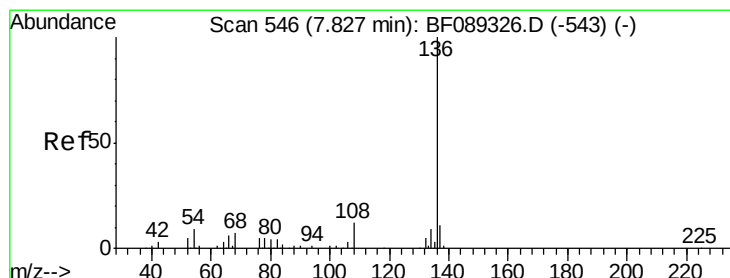
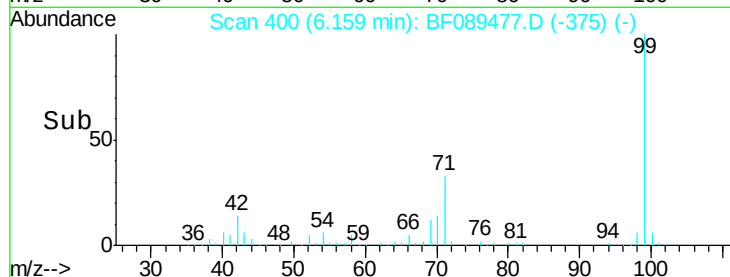
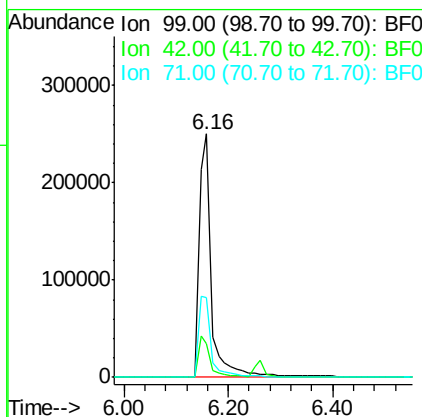
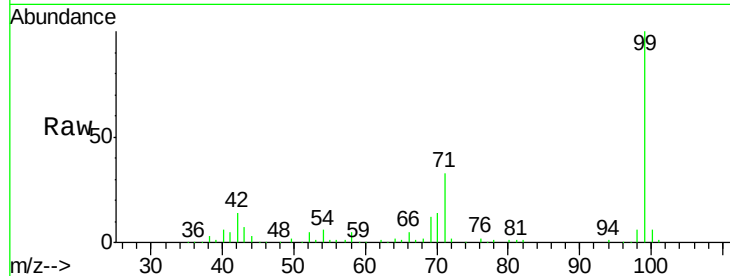
99 100

42 13.6 13.6 20.4#

71 32.8 29.4 44.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089477.D

Acq: 31 Jul 2016 18:19

Tgt Ion: 136 Resp: 171997

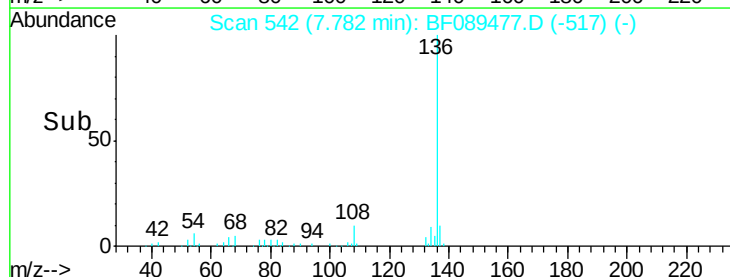
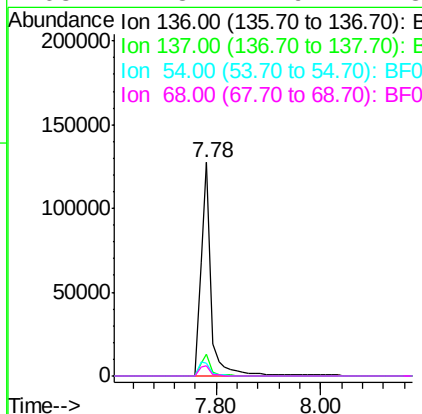
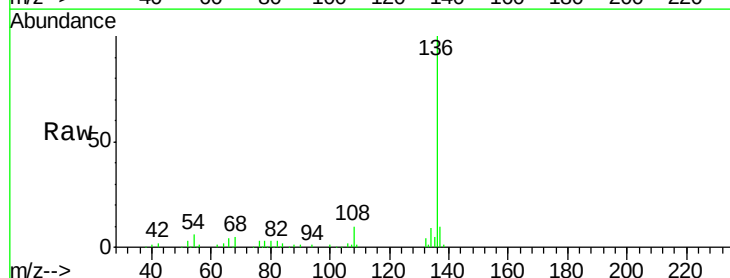
Ion Ratio Lower Upper

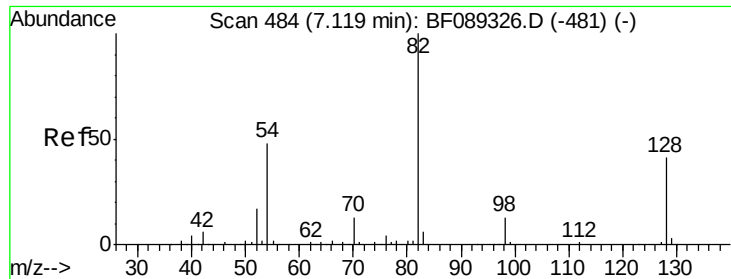
136 100

137 10.2 8.6 13.0

54 5.7 7.0 10.4#

68 4.8 4.9 7.3#





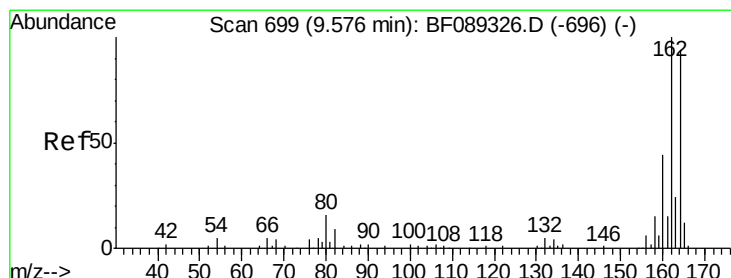
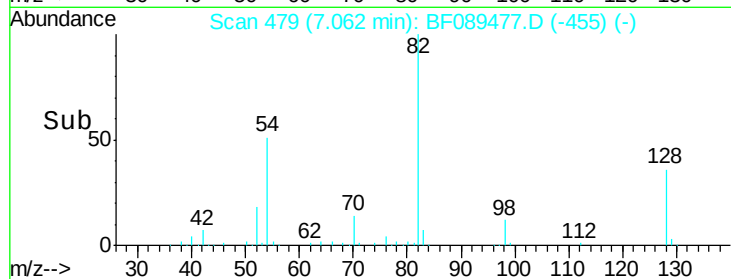
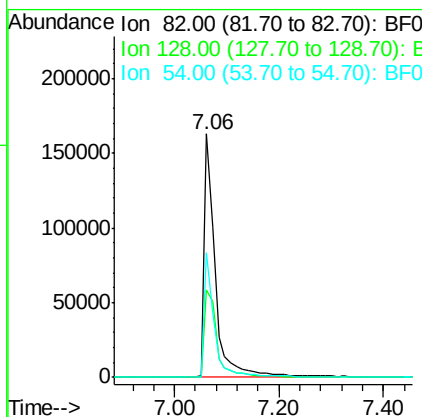
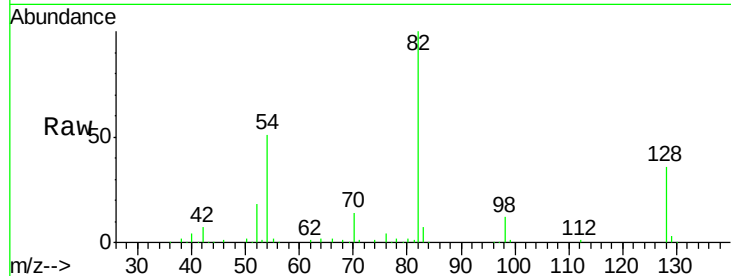
#23
 Nitrobenzene-d5
 Concen: 84.04 ng
 RT: 7.06 min Scan# 479
 Delta R.T. -0.02 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Instrument :
 BNA_F
 ClientSampled :
 RU001

Tot Ion	82	Resp	244888
Ion Ratio	100	Lower	Upper
82	100		
128	35.7	32.5	48.7
54	51.2	38.8	58.2

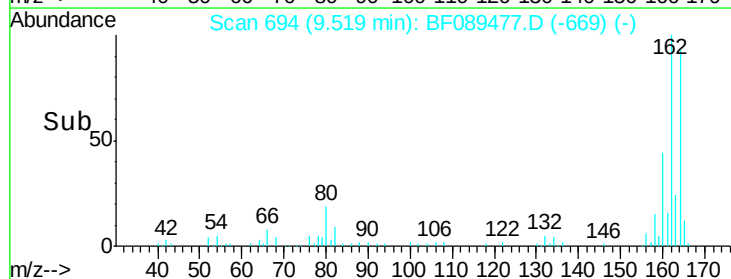
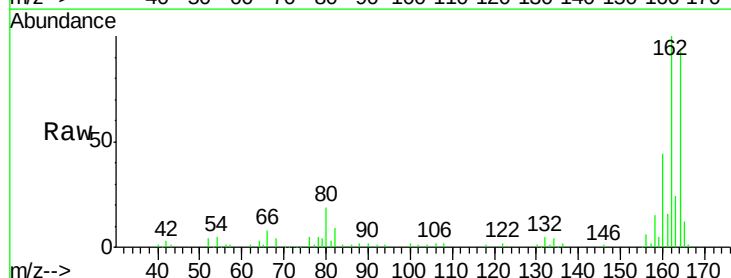
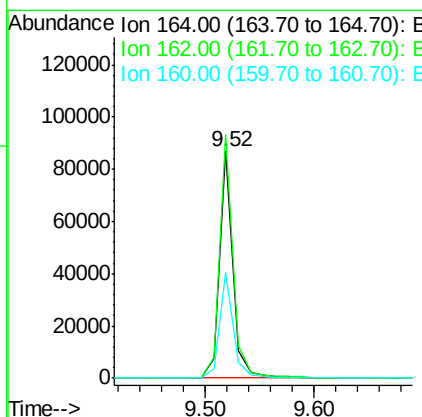
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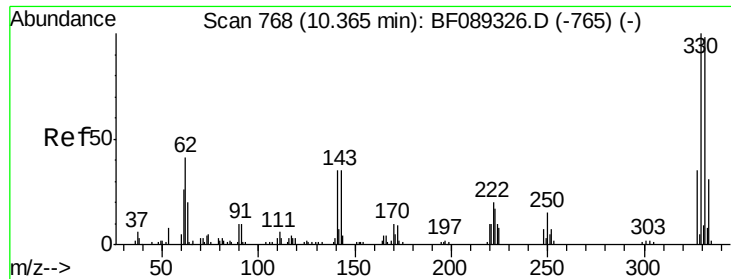
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Tgt Ion	164	Resp	75104
Ion Ratio	100	Lower	Upper
164	100		
162	107.3	83.7	125.5
160	46.7	37.8	56.6





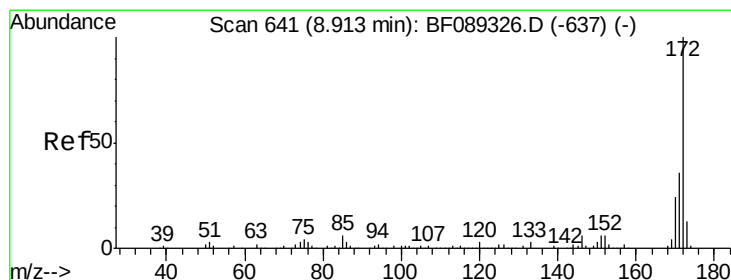
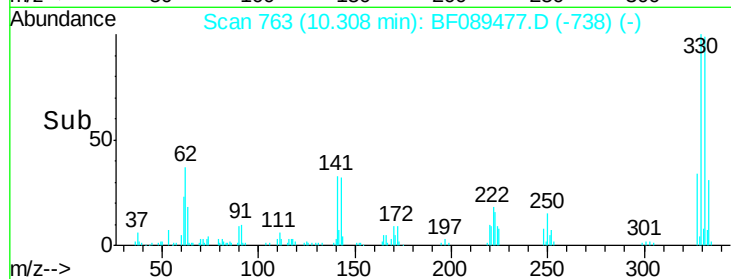
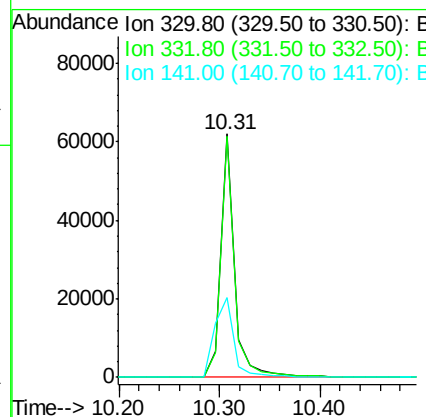
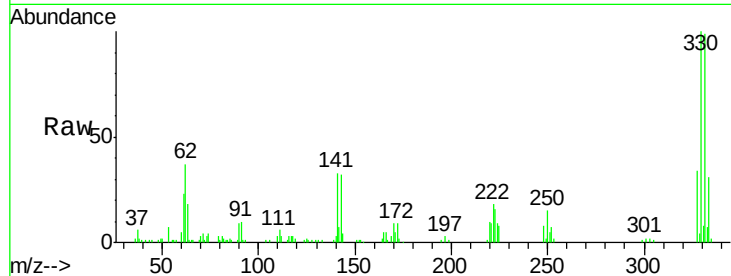
#41
 2,4,6-Tribromophenol
 Concen: 94.74 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Instrument :
 BNA_F
 ClientSampled :
 RU001

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.8	115.2
141	46.2	37.3	55.9

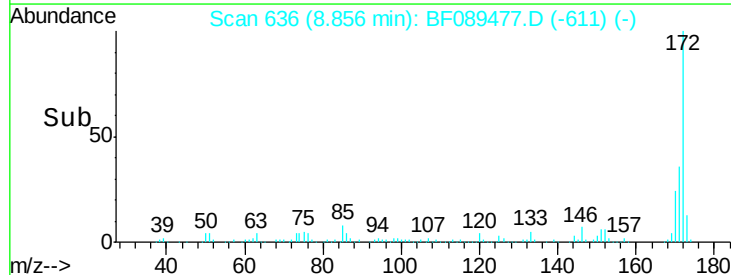
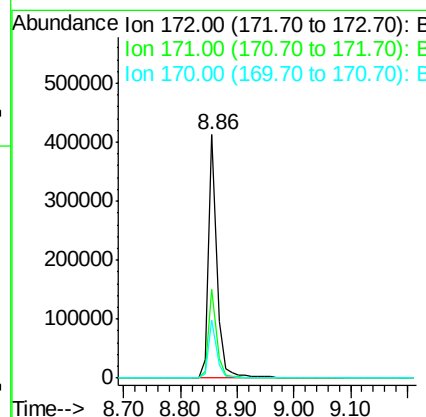
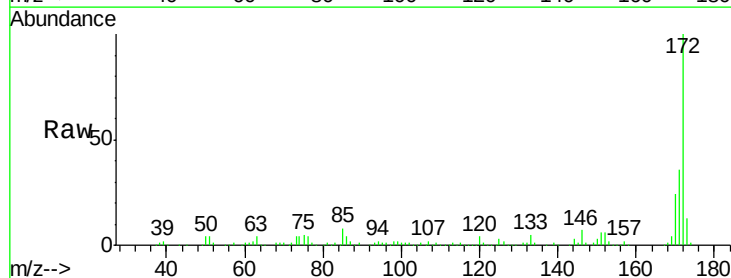
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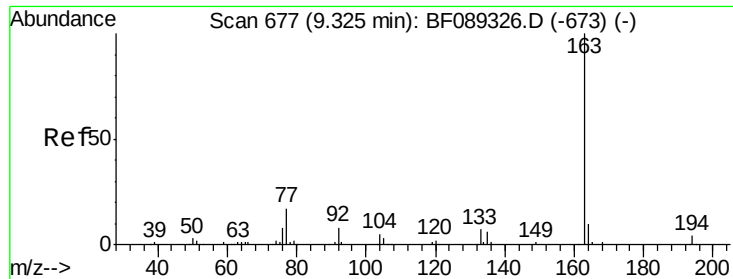
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#44
 2-Fluorobiphenyl
 Concen: 79.95 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	23.8	19.2	28.8





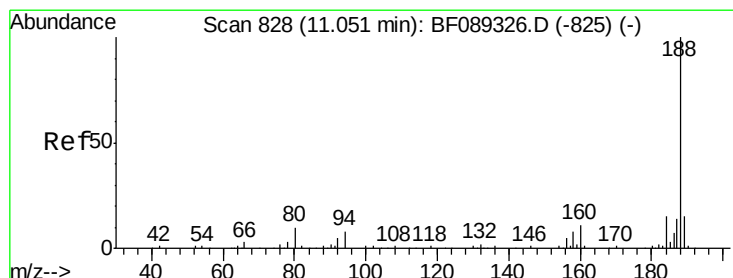
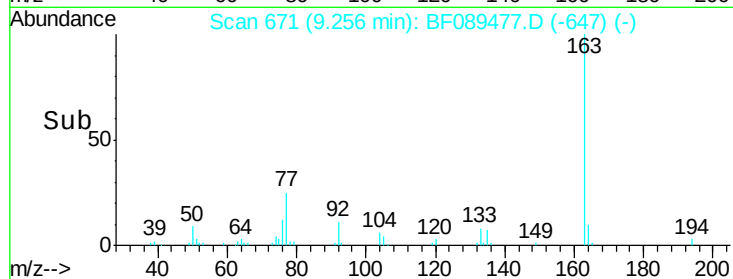
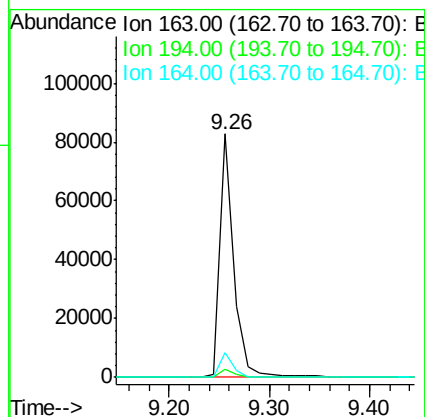
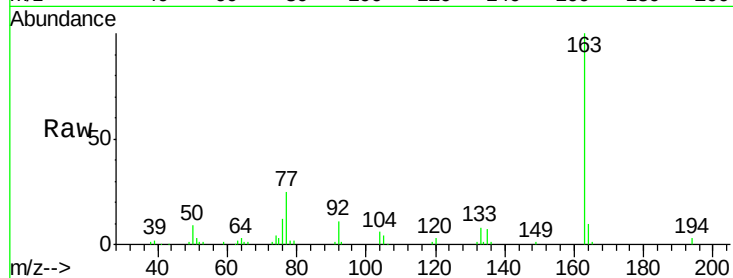
#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampled :
RU001

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.2	7.8	11.8

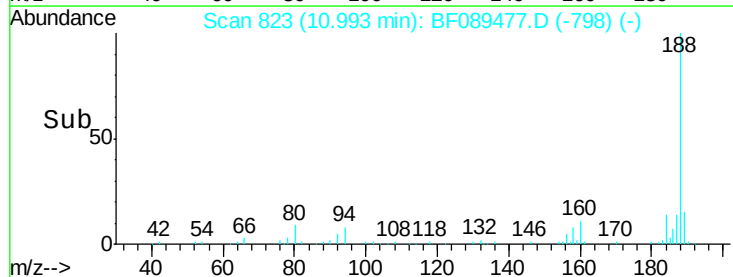
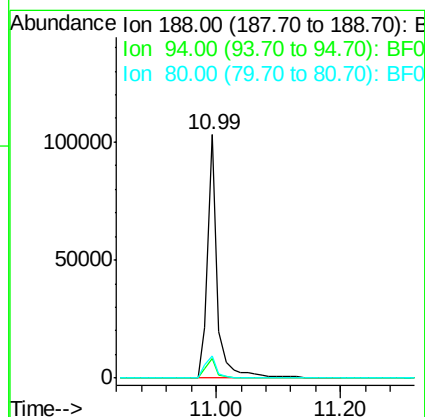
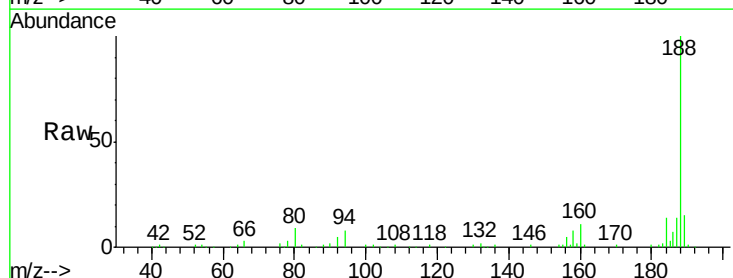
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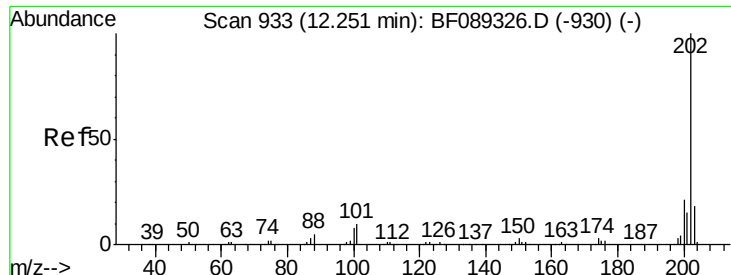
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.3	7.2	10.8





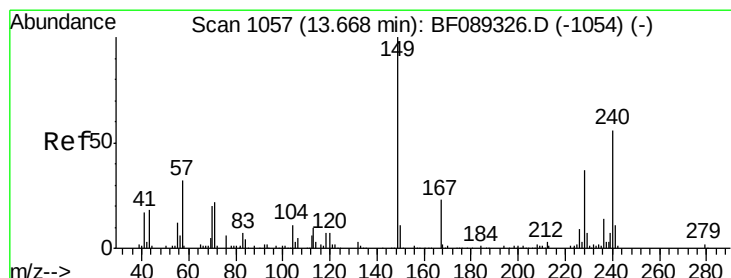
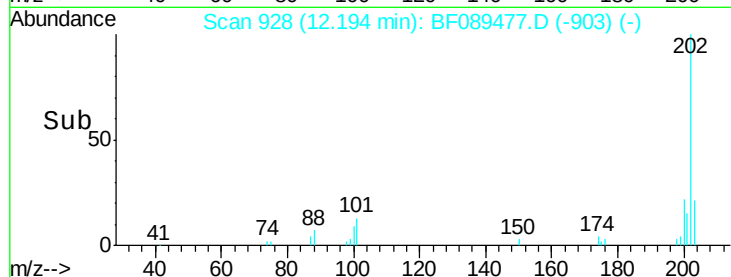
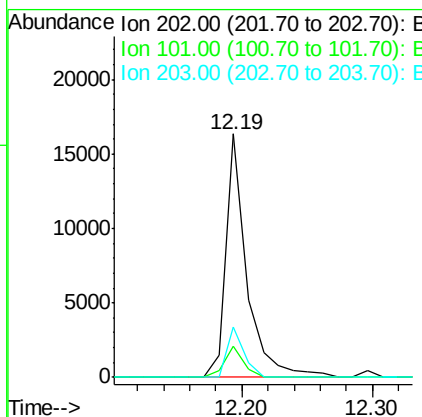
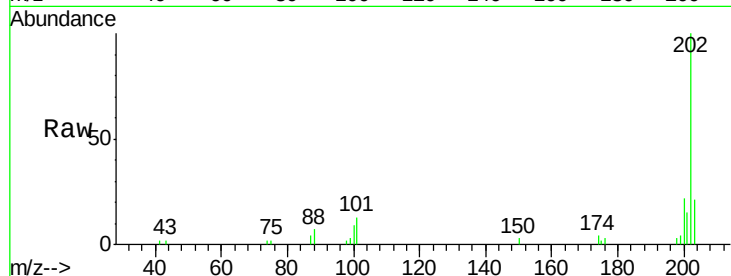
#74
 Fluoranthene
 Concen: 2.96 ng
 RT: 12.19 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 RU001

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	29.9
203	20.5	0.0	37.3

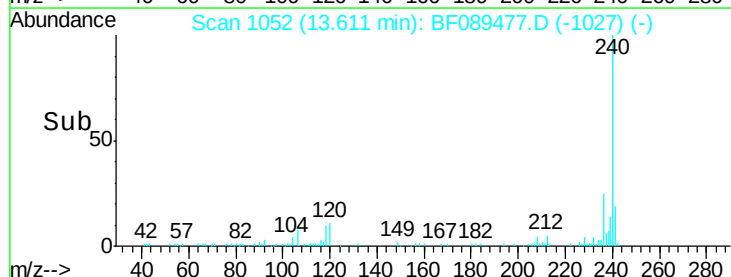
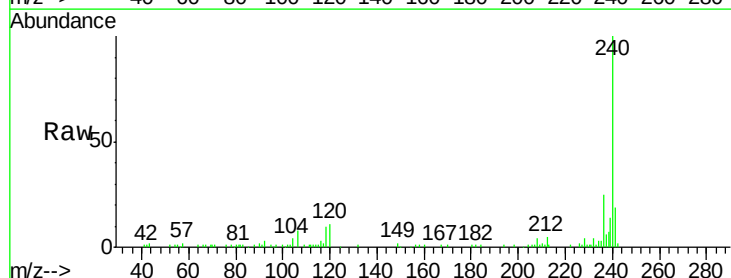
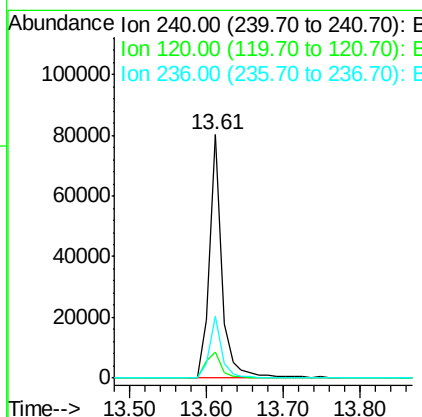
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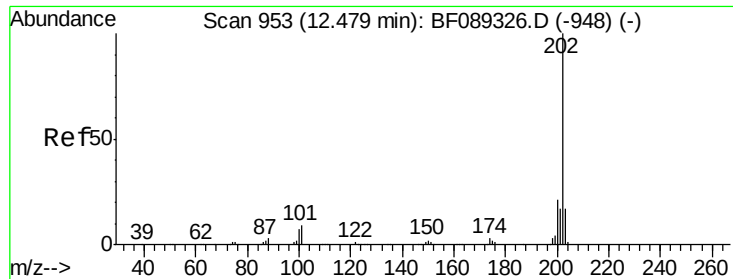
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.4	20.6	30.8





#77

Pvrene

Concen: 2.64 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF089477.D

Acq: 31 Jul 2016 18:19

Instrument :

BNA_F

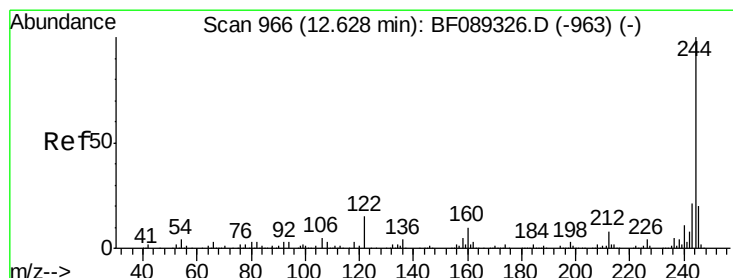
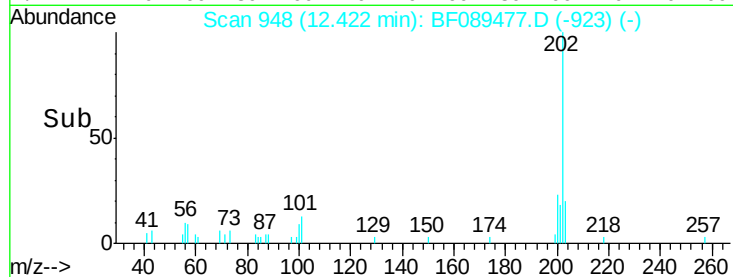
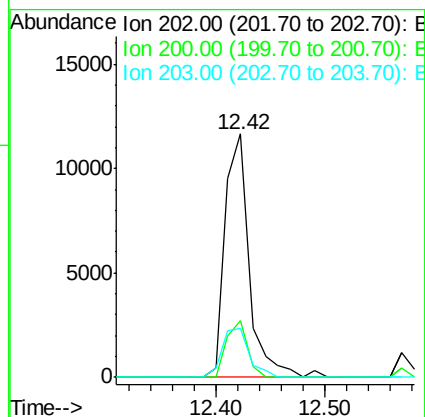
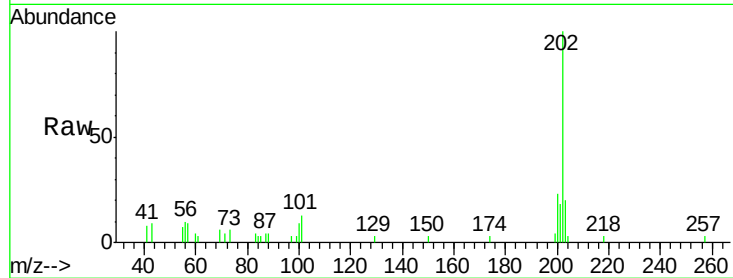
ClientSampleId :

RU001

Tot Ion:202	Resp:	17954
Ion Ratio	Lower	Upper
202 100		
200 23.4	16.9	25.3
203 20.3	14.0	21.0

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#78

Terphenyl-d14

Concen: 67.50 ng

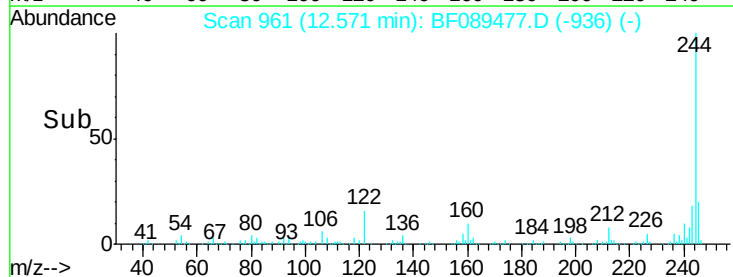
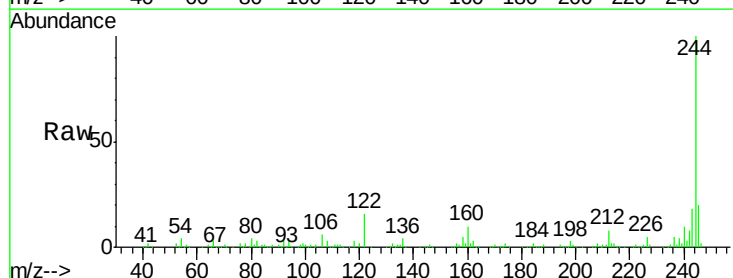
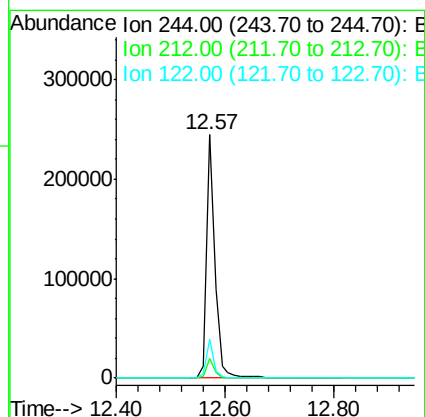
RT: 12.57 min Scan# 961

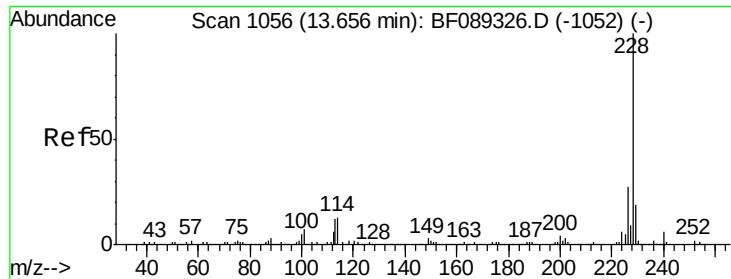
Delta R.T. -0.01 min

Lab File: BF089477.D

Acq: 31 Jul 2016 18:19

Tgt Ion:244	Resp:	259076
Ion Ratio	Lower	Upper
244 100		
212 8.2	6.5	9.7
122 15.9	11.4	17.0





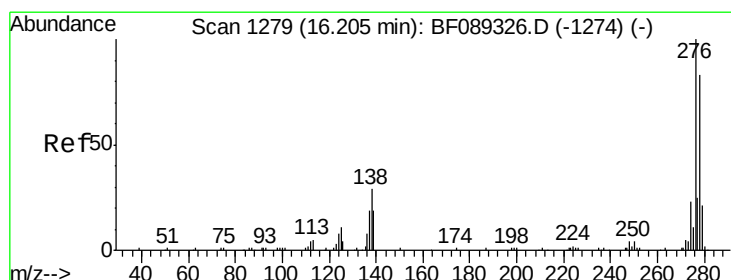
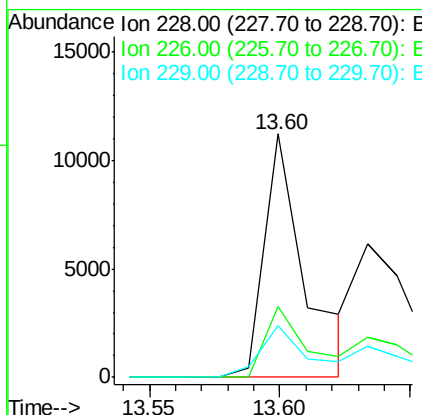
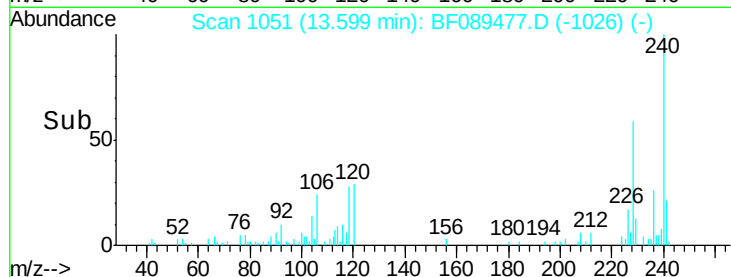
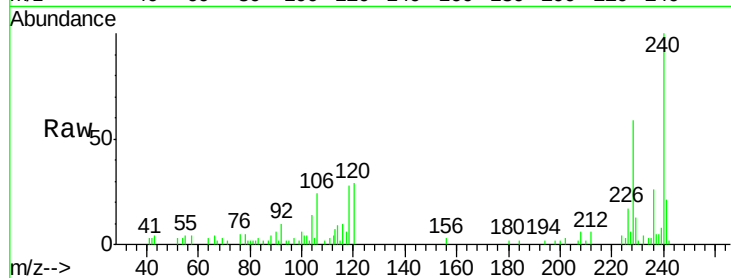
#80
Benzo(a)anthracene
Concen: 2.41 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampled :
RU001

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.4	32.2
229	21.4	15.9	23.9

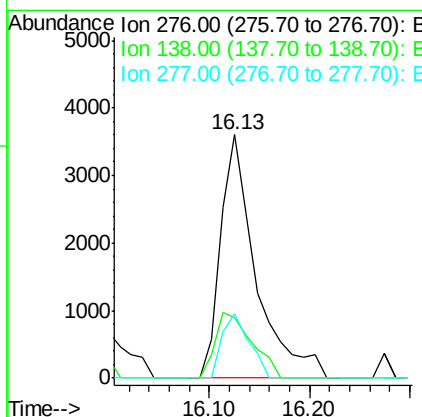
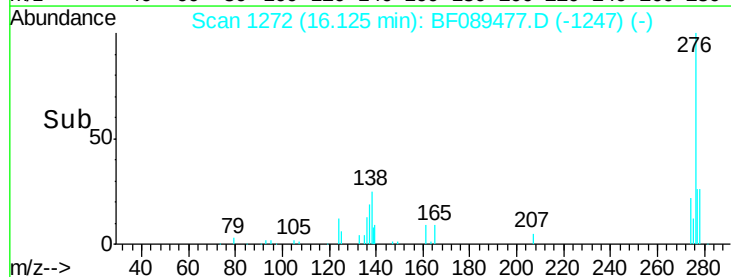
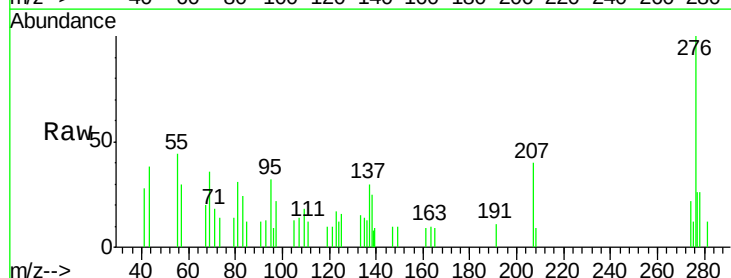
Manual Integrations
APPROVED

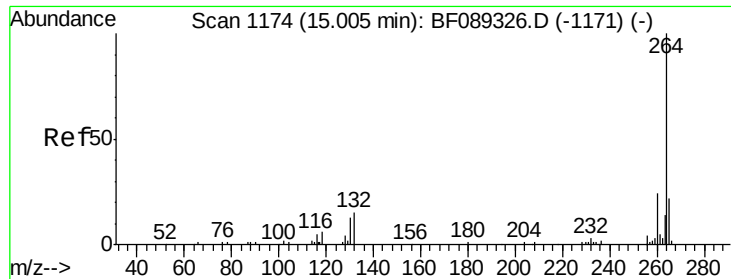
sohil
8/1/2016 7:17:36 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.28 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.0	34.4
277	20.3	20.2	30.4





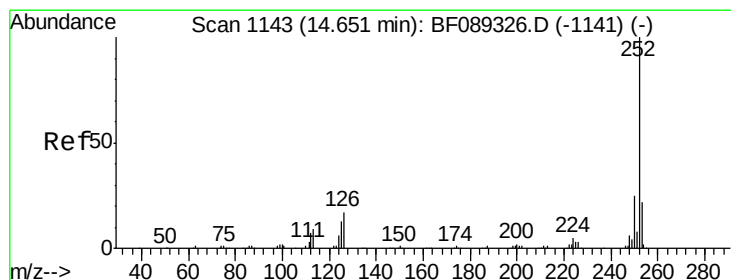
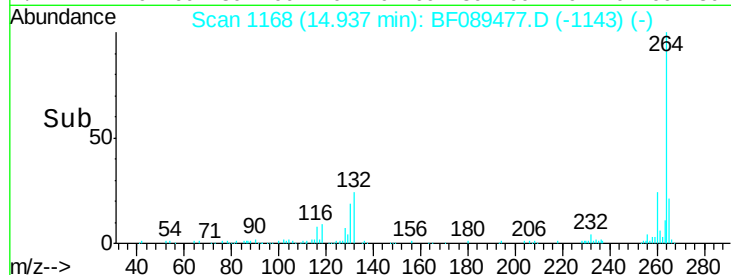
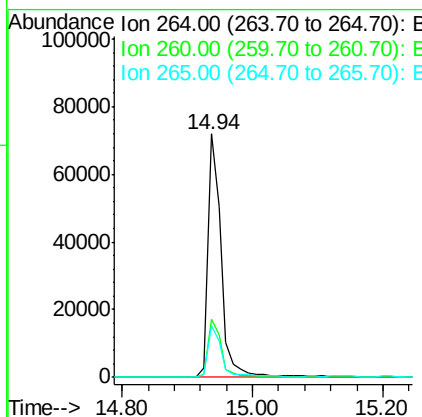
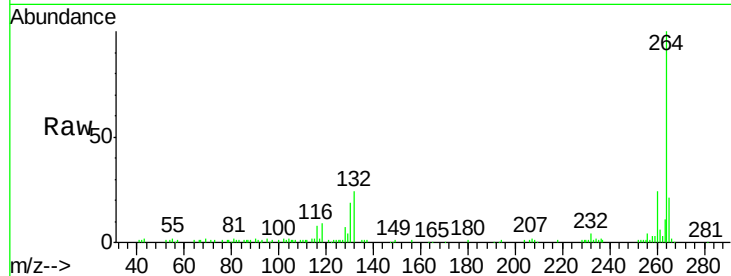
#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Instrument :
BNA_F
ClientSampled :
RU001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.2	17.5	26.3

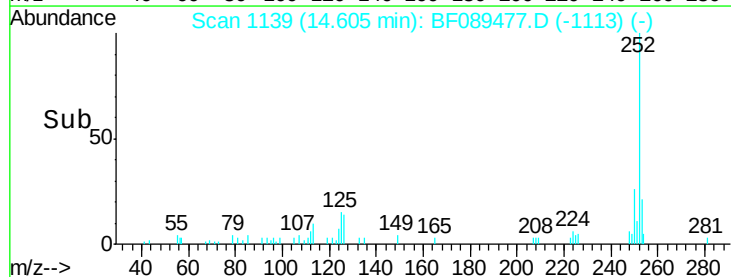
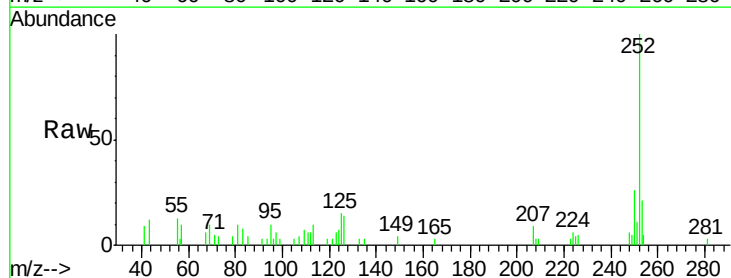
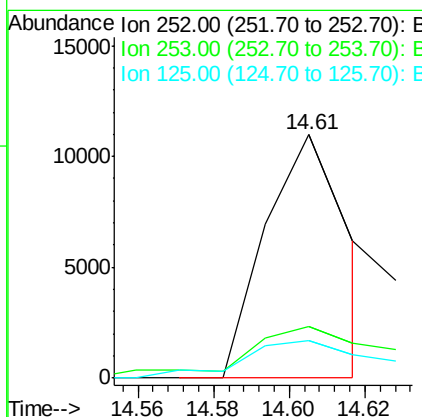
Manual Integrations
APPROVED

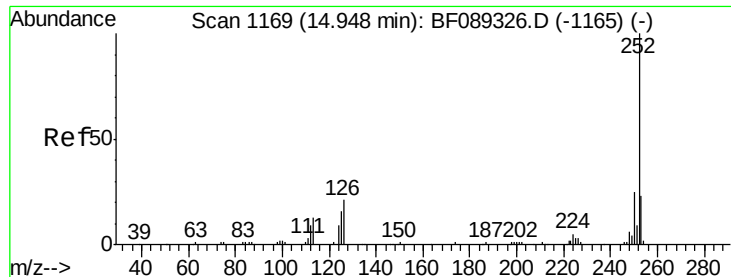
sohil
8/1/2016 7:17:36 PM



#87
Benzo(b)fluoranthene
Concen: 2.61 ng m
RT: 14.61 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF089477.D
Acq: 31 Jul 2016 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	15.3	9.7	14.5#





#89
 Benzo(a)pyrene
 Concen: 2.06 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF089477.D
 Acq: 31 Jul 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 RU001

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	17.3	12.4	18.6

Manual Integrations
 APPROVED

sohil
 8/1/2016 7:17:36 PM

