

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089707.D
 Acq On : 10 Aug 2016 21:13
 Operator : UM/SJ
 Sample : H4396-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Manual Integrations
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Quant Time: Aug 11 02:03:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 01:52:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	48784	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	207786	20.00	ng	-0.01
38) Acenaphthene-d10	12.25	164	96492	20.00	ng	-0.01
63) Phenanthrene-d10	14.64	188	176621	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	102503	20.00	ng	-0.01
86) Perylene-d12	20.02	264	97506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	335744	115.35	ng	0.01
7) Phenol-d6	6.96	99	457287	115.81	ng	-0.01
23) Nitrobenzene-d5	8.31	82	270348	71.97	ng	-0.02
41) 2,4,6-Tribromophenol	13.54	330	81197	101.97	ng	-0.01
44) 2-Fluorobiphenyl	11.21	172	431079	58.06	ng	-0.01
78) Terphenyl-d14	17.02	244	304583	58.66	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.90	163	85536	11.31	ng	99
70) Phenanthrene	14.69	178	27134	2.83	ng	98
74) Fluoranthene	16.46	202	36633	3.71	ng	100
77) Pyrene	16.77	202	32449	3.58	ng	99
80) Benzo(a)anthracene	18.34	228	12246	2.08	ng	97
82) Chrysene	18.40	228	12463	2.02	ng	98
87) Benzo(b)fluoranthene	19.62	252	12396m	2.07	ng	

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

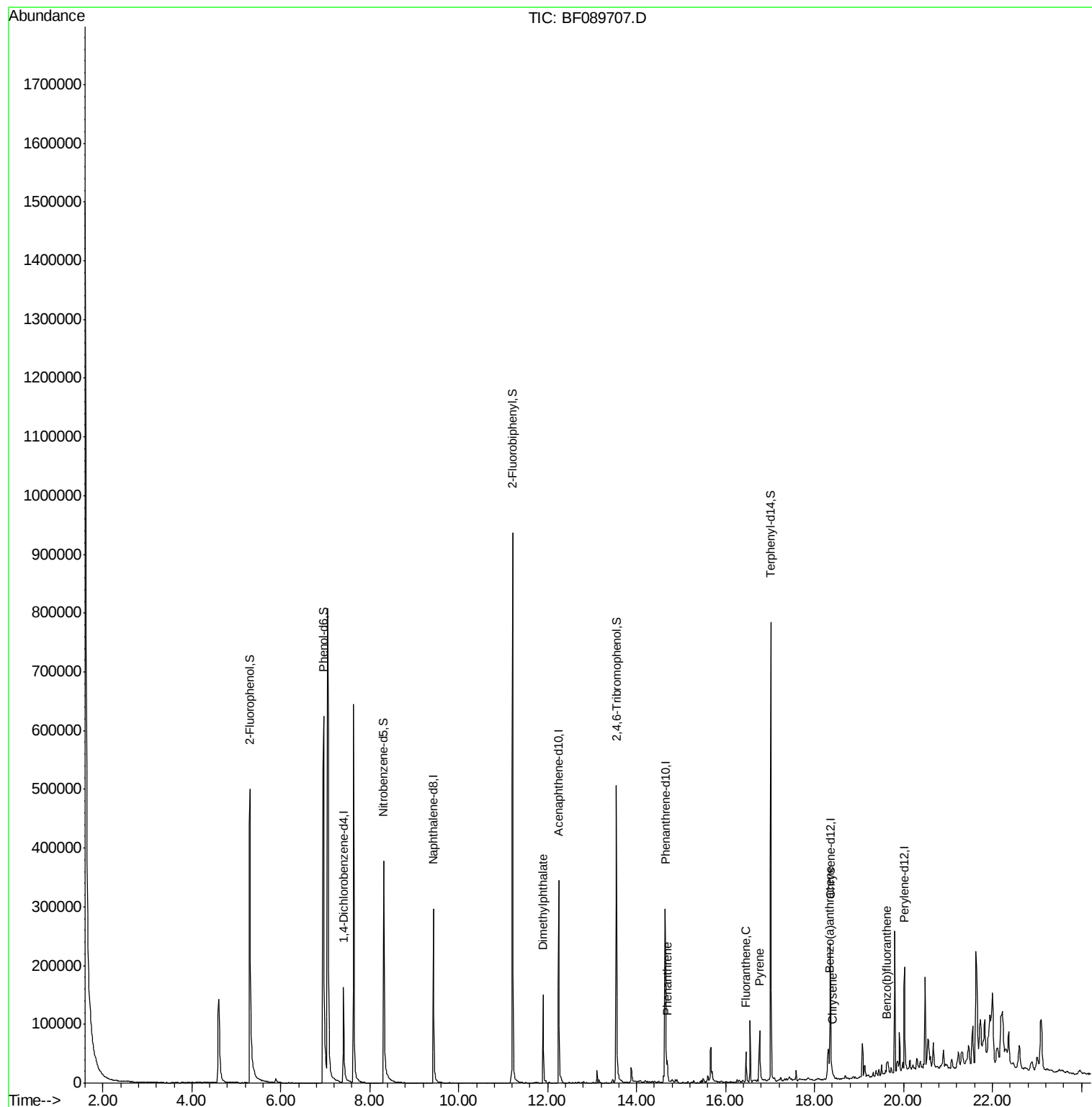
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089707.D
Acq On : 10 Aug 2016 21:13
Operator : UM/SJ
Sample : H4396-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

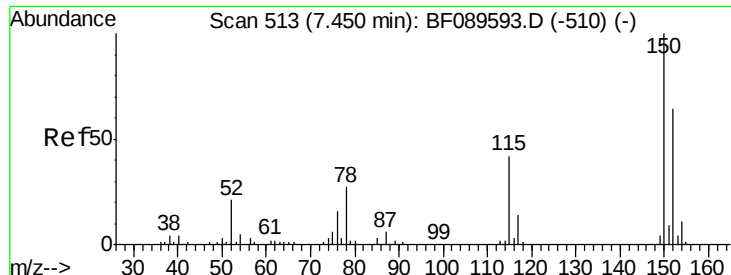
Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

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Quant Time: Aug 11 02:03:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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QLast Update : Thu Aug 11 01:52:35 2016
Response via : Initial Calibration





#1

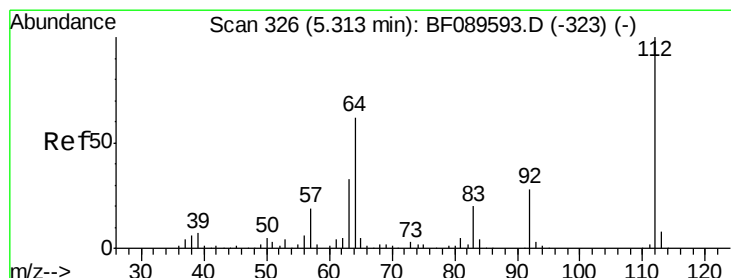
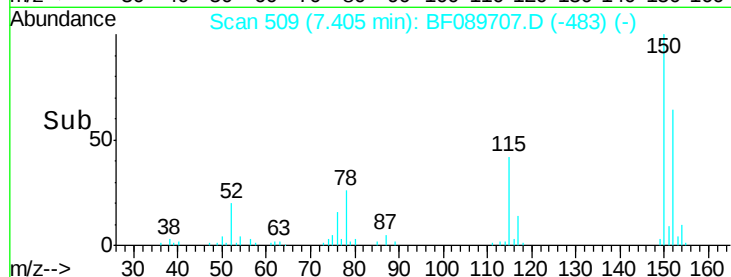
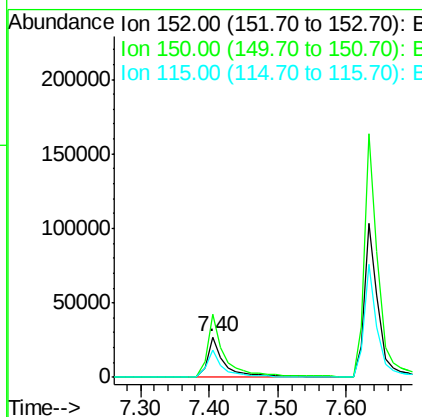
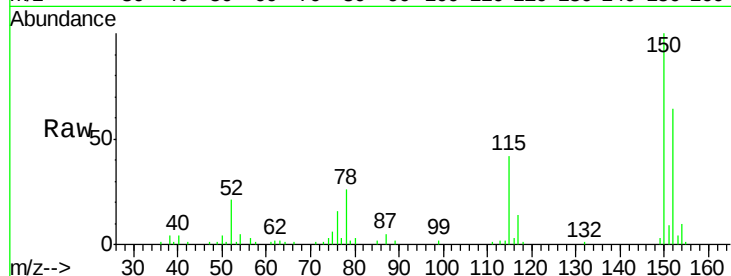
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.5	188.3
115	65.7	52.0	78.0

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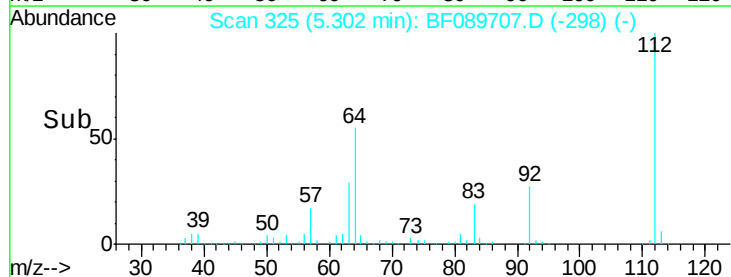
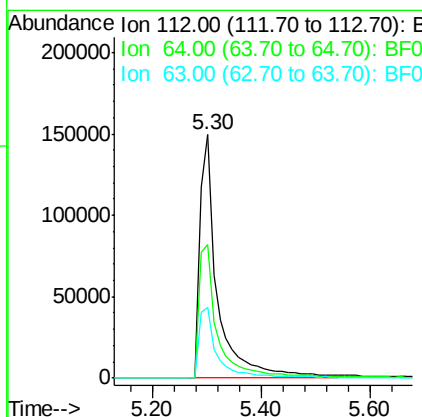
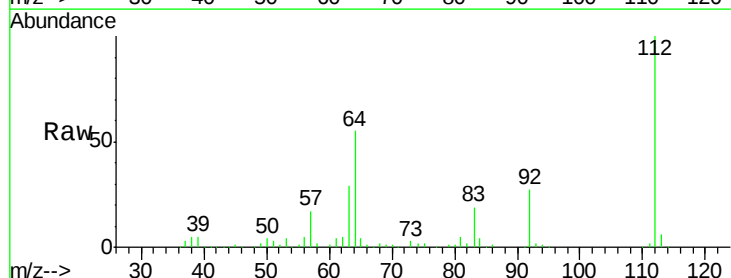
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#5

2-Fluorophenol
Concen: 115.35 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	49.9	74.9
63	28.9	26.1	39.1





#7

Phenol-d6

Concen: 115.81 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF089707.D

Acq: 10 Aug 2016 21:13

Instrument :

BNA_F

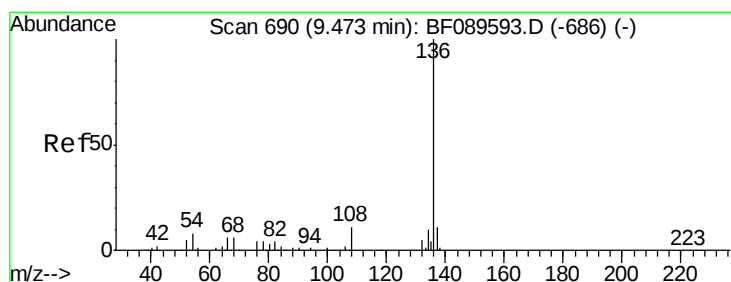
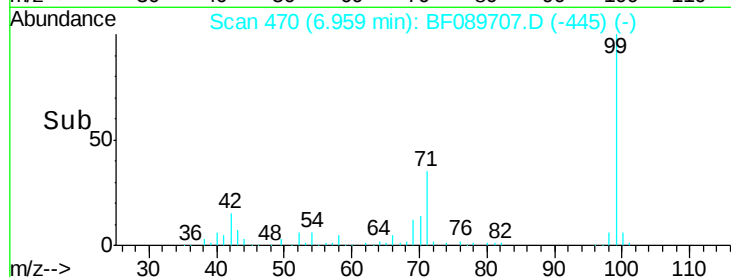
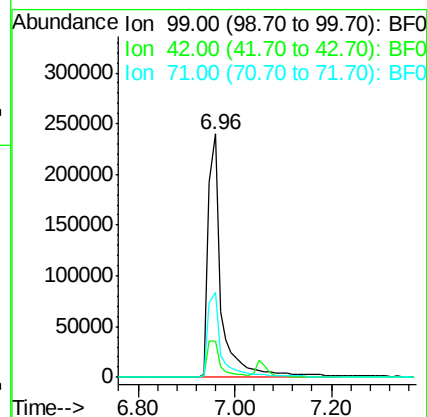
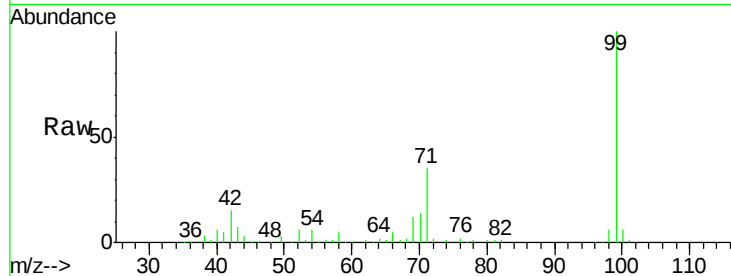
ClientSampleId :

SP-1(0-2)

Tgt Ion:	99	Resp:	457287
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.7	20.5
71	34.8	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

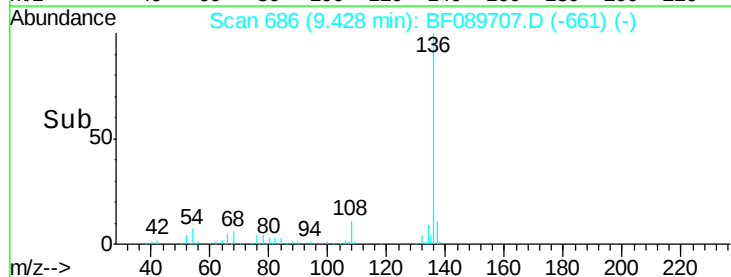
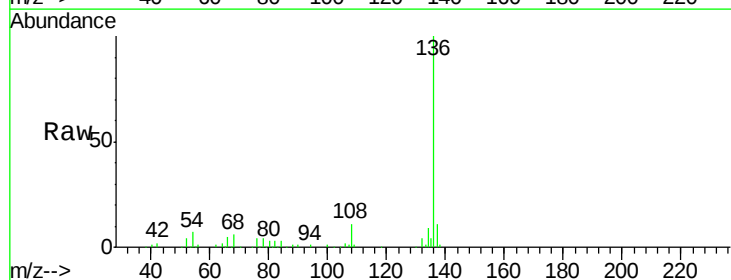
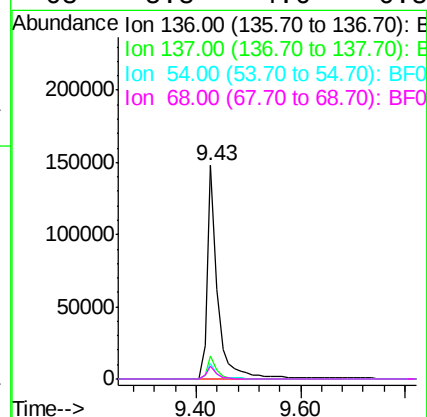
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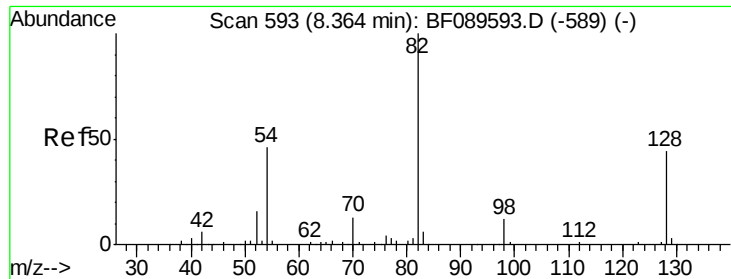
Delta R.T. -0.01 min

Lab File: BF089707.D

Acq: 10 Aug 2016 21:13

Tgt Ion:	136	Resp:	207786
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	7.0	6.0	9.0
68	5.8	4.6	6.8





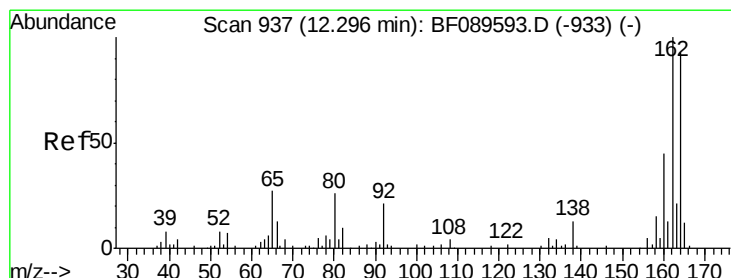
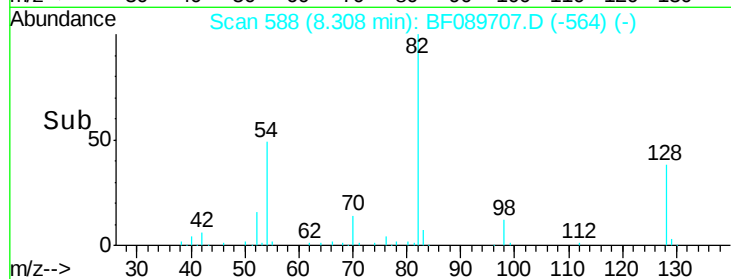
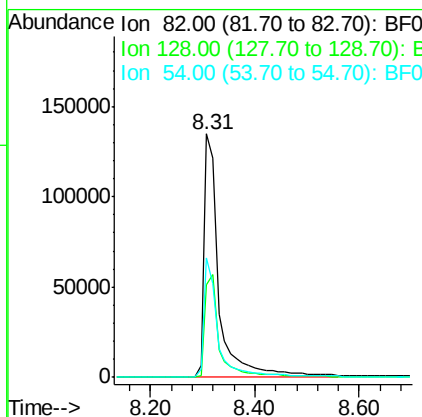
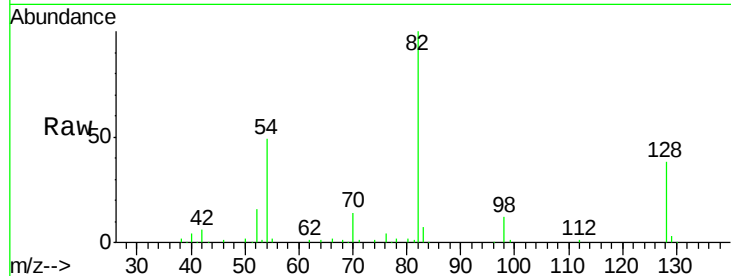
#23
 Nitrobenzene-d5
 Concen: 71.97 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Instrument :
 BNA_F
 ClientSampled :
 SP-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	270348		
128	38.2	35.4	53.0	
54	49.3	36.4	54.6	

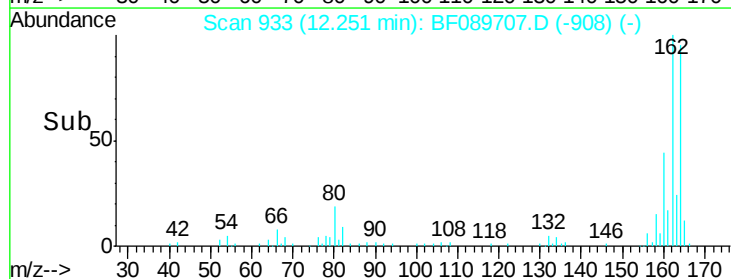
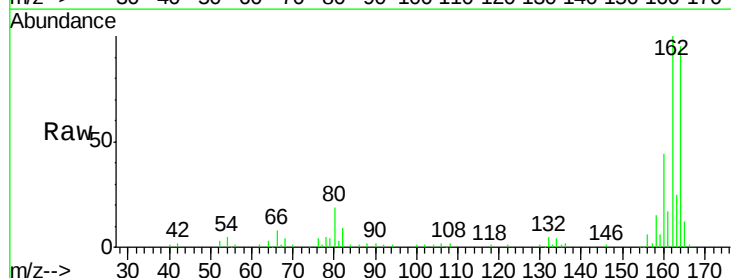
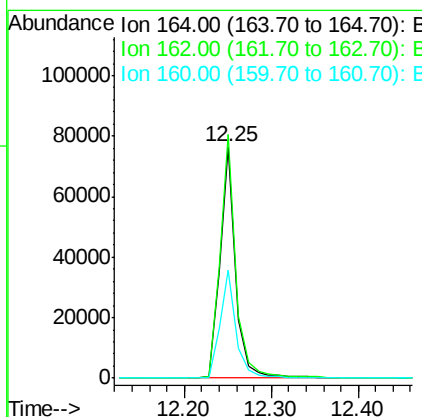
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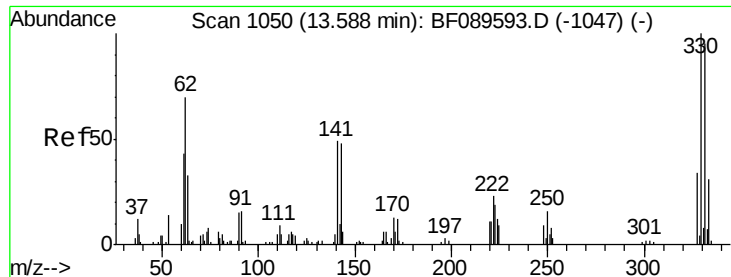
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96492		
162	105.3	85.7	128.5	
160	46.6	38.2	57.4	





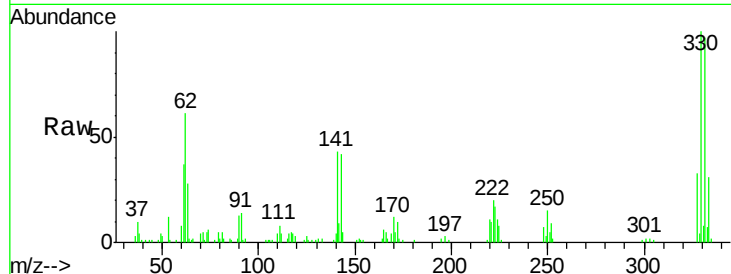
#41
 2,4,6-Tribromophenol
 Concen: 101.97 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

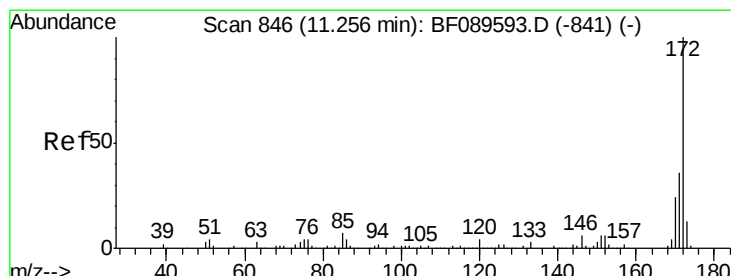
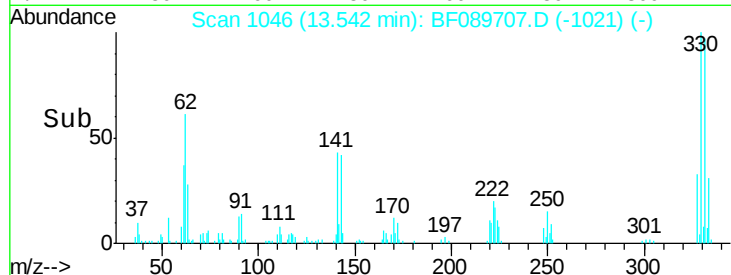
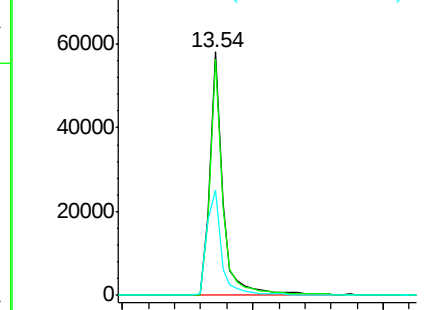
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	81197		
332	96.0	77.0	115.6	
141	48.4	38.6	57.8	

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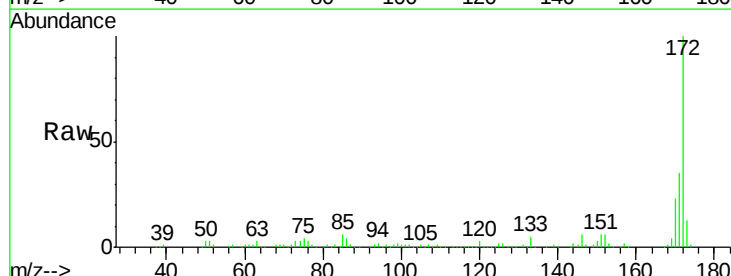


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

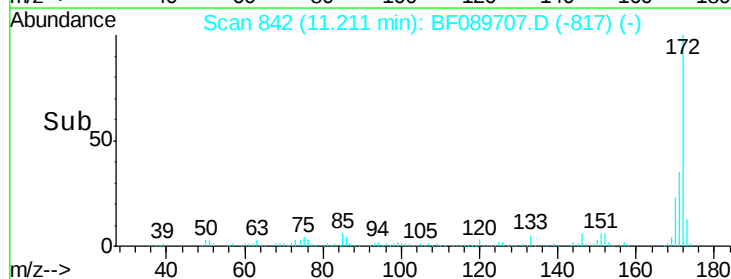
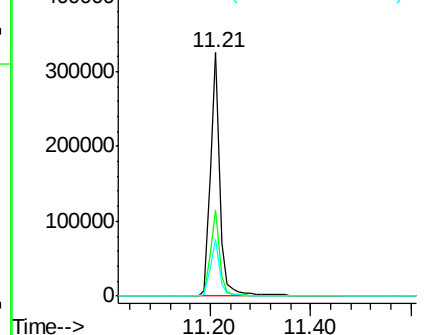


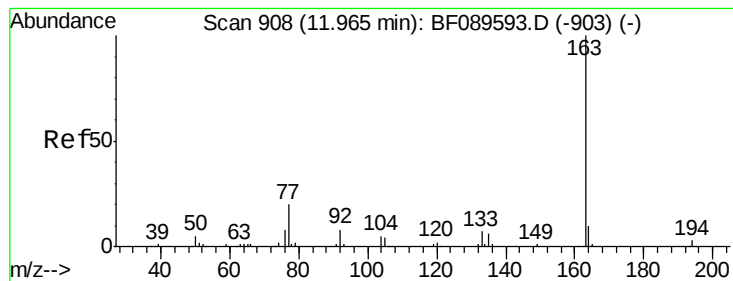
#44
 2-Fluorobiphenyl
 Concen: 58.06 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	431079		
171	35.2	28.9	43.3	
170	23.2	19.0	28.6	



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: 11.31 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF089707.D

Acq: 10 Aug 2016 21:13

Instrument :

BNA_F

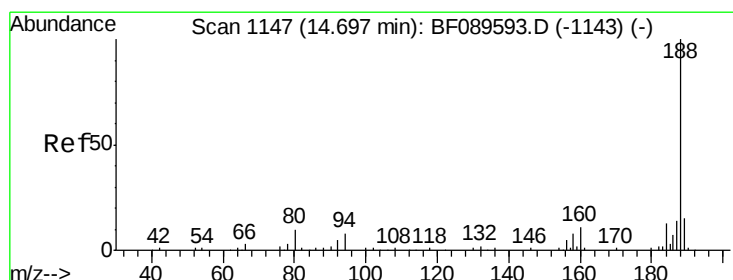
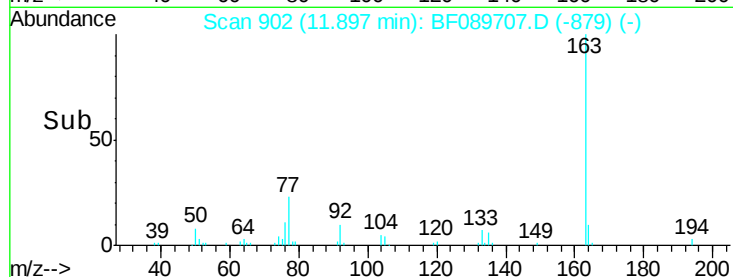
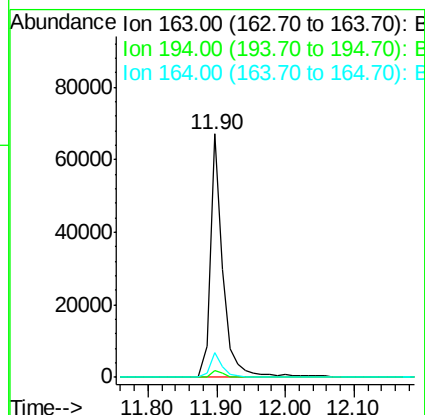
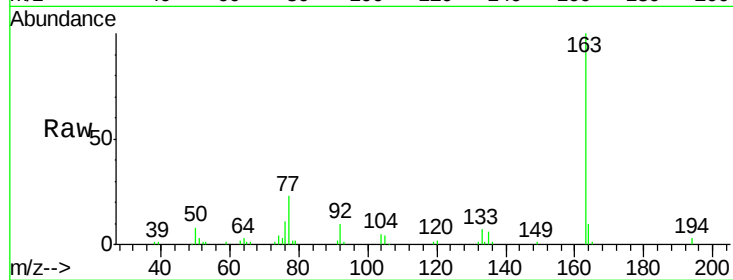
ClientSampleId :

SP-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85536		
194	3.1	2.7	4.1	
164	10.2	7.8	11.6	

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#63

Phenanthrene-d10

Concen: 20.00 ng

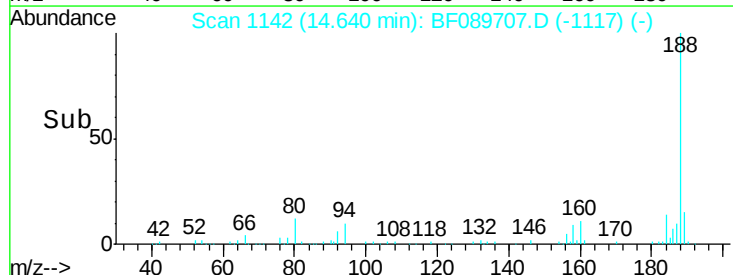
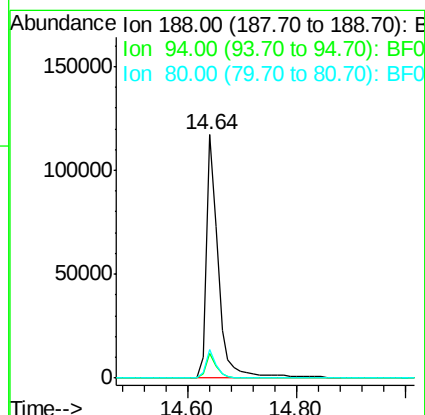
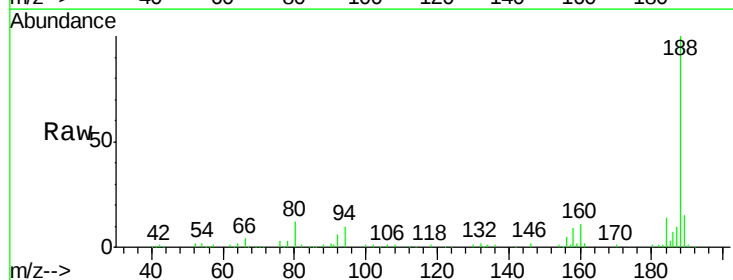
RT: 14.64 min Scan# 1142

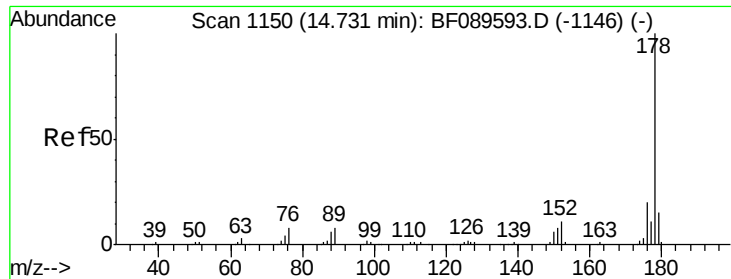
Delta R.T. -0.01 min

Lab File: BF089707.D

Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	176621		
94	10.0	6.5	9.7#	
80	11.8	8.0	12.0	





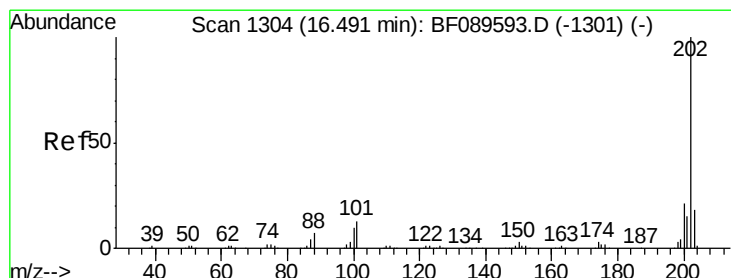
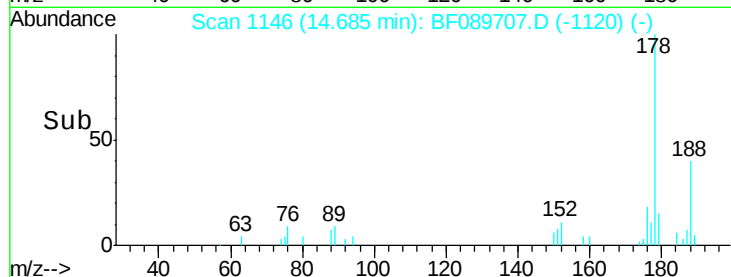
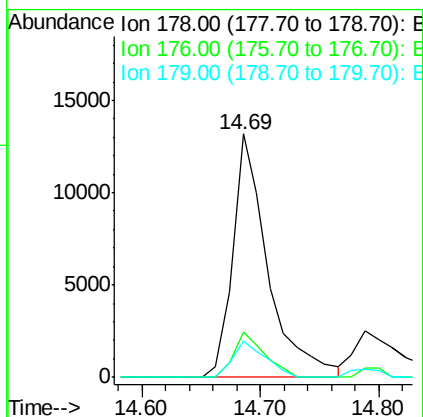
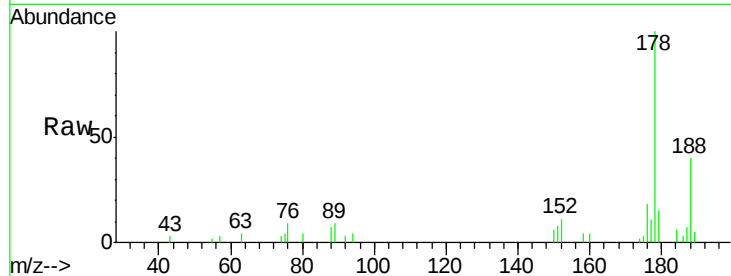
#70
Phenanthrene
Concen: 2.83 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	15.1	12.2	18.2

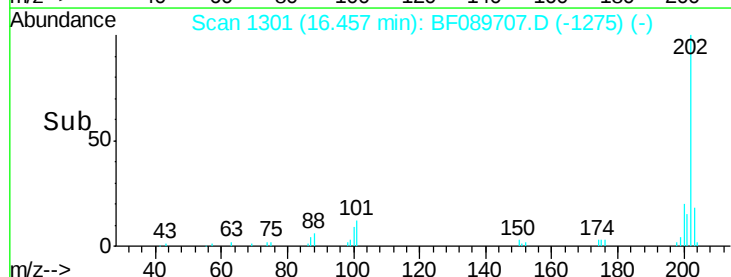
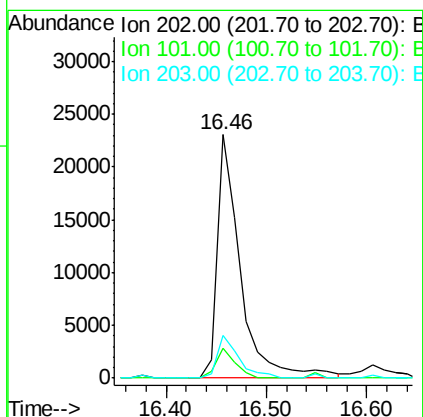
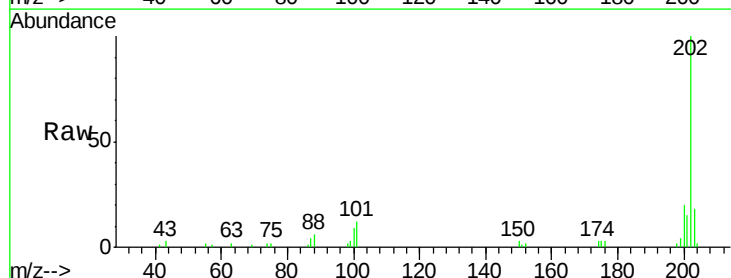
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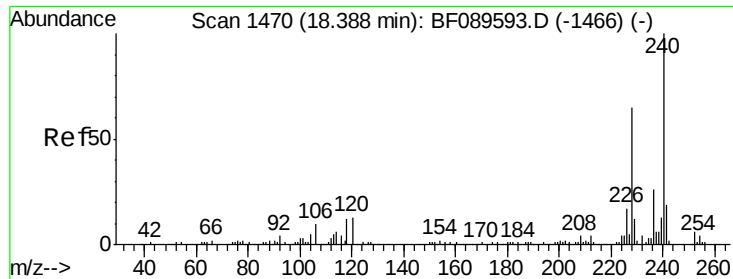
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#74
Fluoranthene
Concen: 3.71 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.7
203	17.7	0.0	37.8





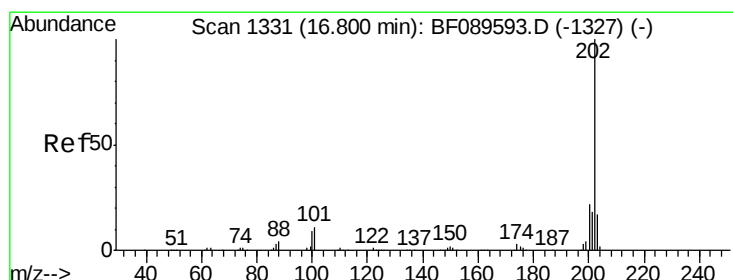
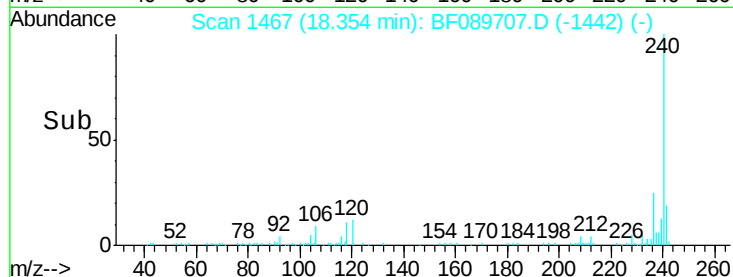
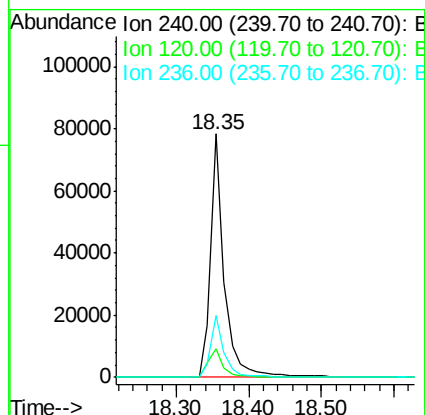
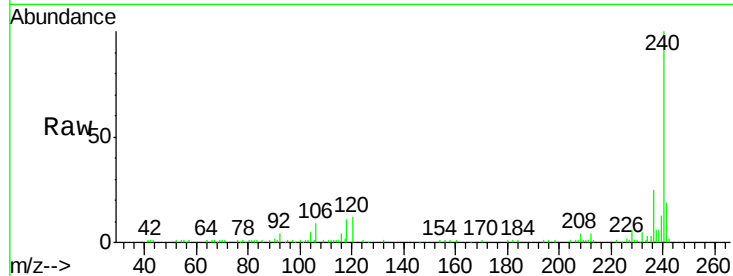
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Instrument :
BNA_F
ClientSampled :
SP-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	102503		
120	11.7	10.6	15.8	
236	25.3	20.6	30.8	

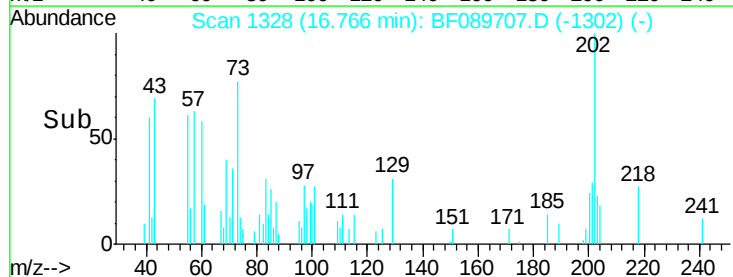
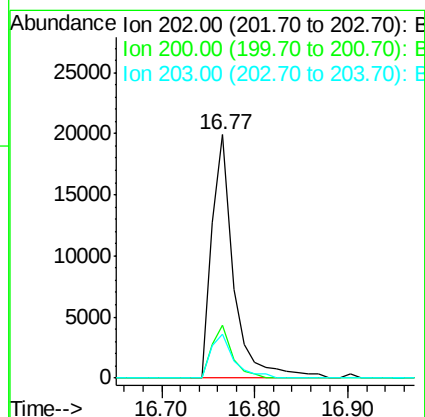
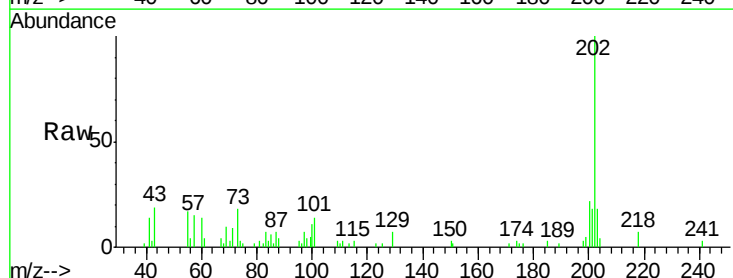
Manual Integrations
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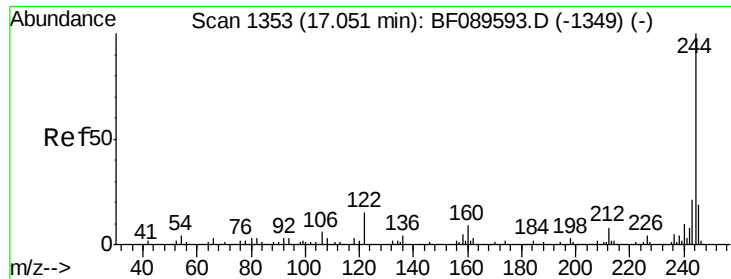
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#77
Pyrene
Concen: 3.58 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32449		
200	21.6	17.4	26.0	
203	18.3	13.6	20.4	





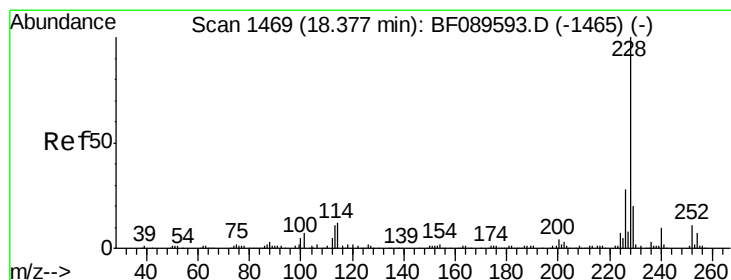
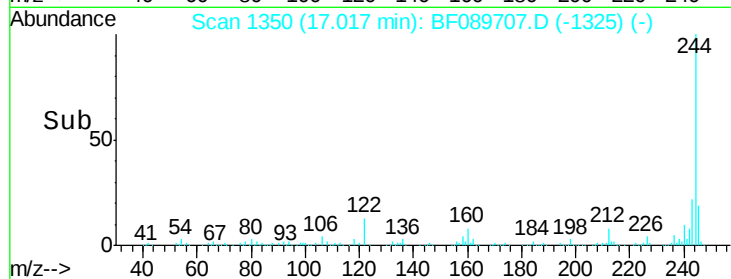
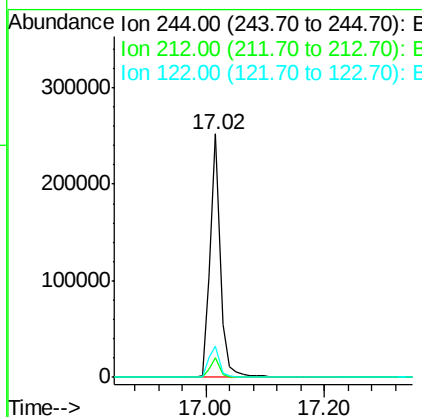
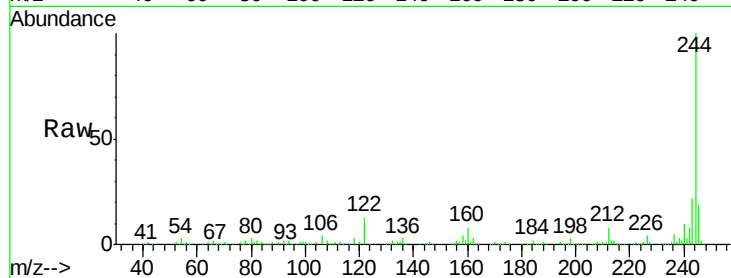
#78
 Terphenyl-d14
 Concen: 58.66 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	304583		
212	8.1	6.4	9.6	
122	12.5	12.2	18.2	

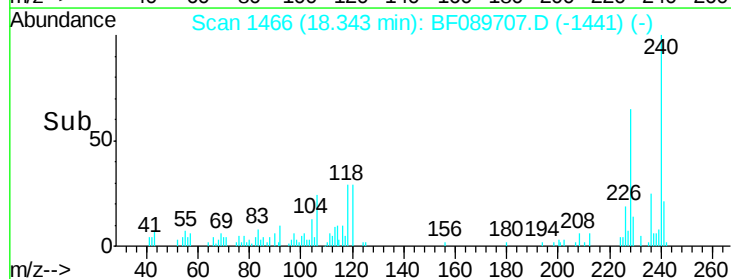
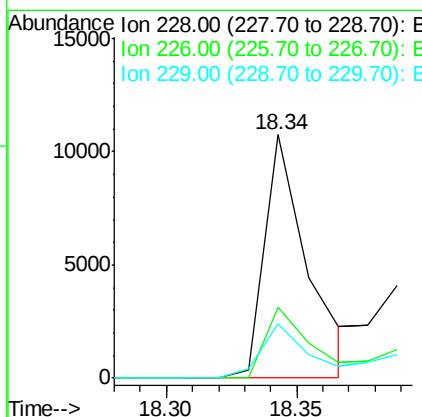
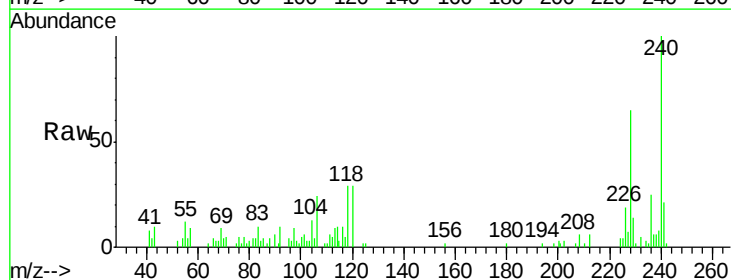
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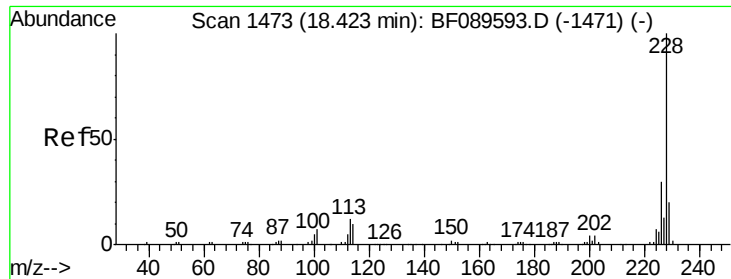
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#80
 Benzo(a)anthracene
 Concen: 2.08 ng
 RT: 18.34 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12246		
226	29.0	22.3	33.5	
229	22.2	15.9	23.9	





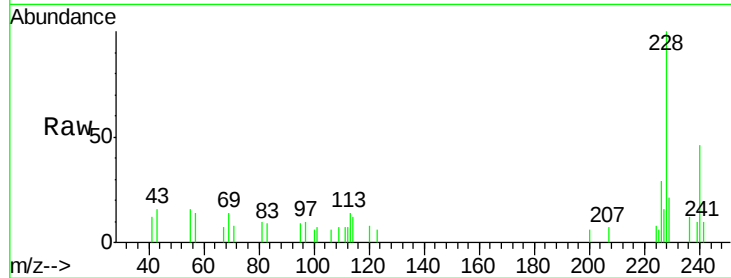
#82
Chrysene
Concen: 2.02 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)

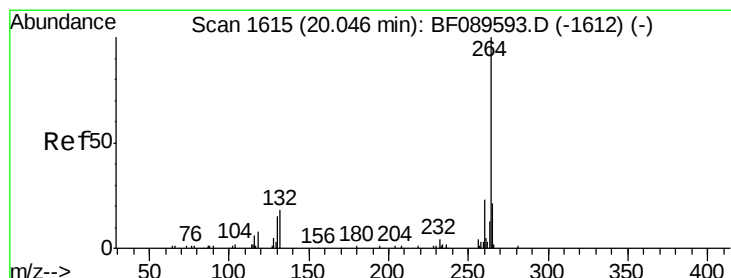
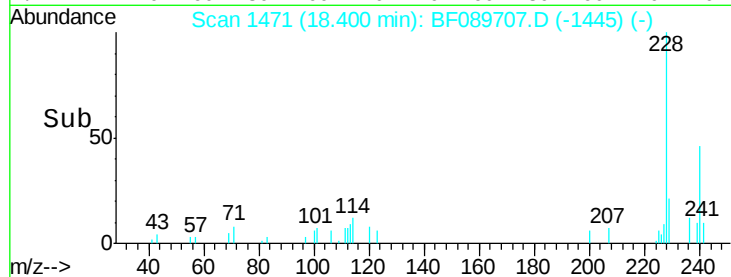
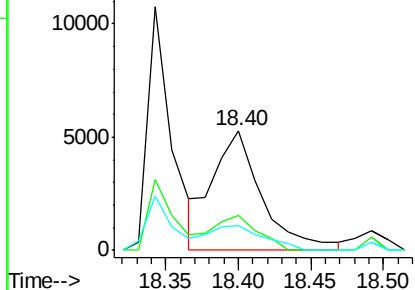
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	12463		
226	29.1		24.2	36.2
229	21.0		16.0	24.0

Manual Integrations
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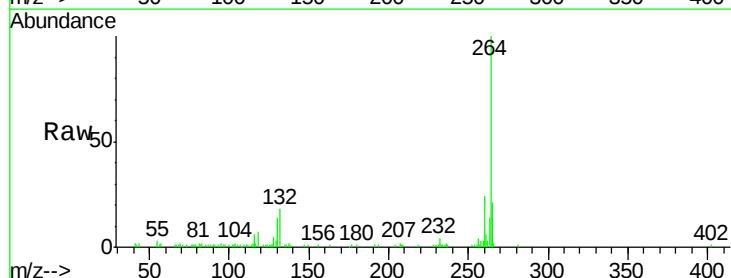


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

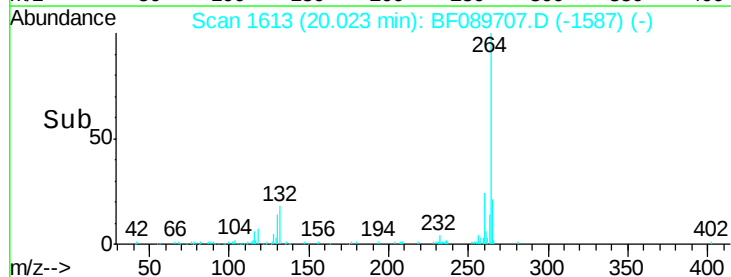
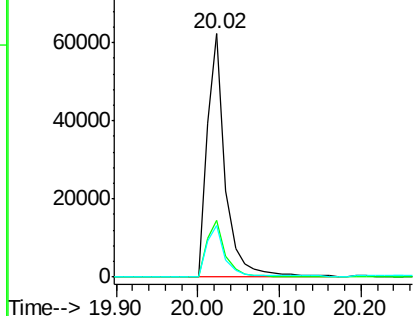


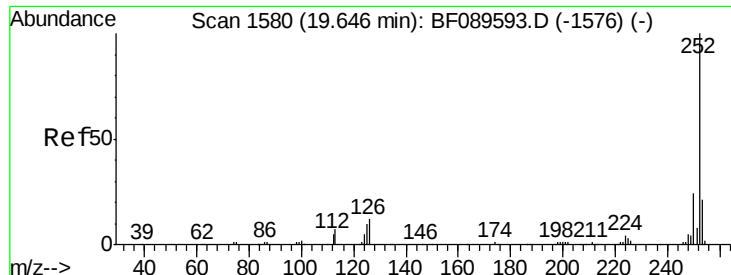
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BF089707.D
Acq: 10 Aug 2016 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	97506		
260	23.5		18.7	28.1
265	21.4		16.5	24.7



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: 2.07 ng m
 RT: 19.62 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF089707.D
 Acq: 10 Aug 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	15.2	7.8	11.8

Manual Integrations
 APPROVED

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