

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089631.D
 Acq On : 5 Aug 2016 15:29
 Operator : UM/SJ
 Sample : H4292-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

Manual Integrations
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Quant Time: Aug 05 23:29:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	54036	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	223736	20.00	ng	-0.01
38) Acenaphthene-d10	12.29	164	101190	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	174145	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	104015	20.00	ng	0.00
86) Perylene-d12	20.05	264	107952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	306620	95.11	ng	0.02
7) Phenol-d6	6.99	99	427243	97.69	ng	0.01
23) Nitrobenzene-d5	8.35	82	264698	65.44	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	77082	92.31	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	448752	57.64	ng	-0.01
78) Terphenyl-d14	17.05	244	282021	53.53	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	116452	14.68	ng	100
70) Phenanthrene	14.72	178	79108	8.35	ng	99
74) Fluoranthene	16.49	202	148267	15.23	ng	96
77) Pyrene	16.79	202	119472	12.99	ng	96
80) Benzo(a)anthracene	18.38	228	49366m	8.26	ng	
82) Chrysene	18.42	228	56500m	9.01	ng	
85) Indeno(1,2,3-cd)pyrene	21.23	276	35779	7.52	ng	94
87) Benzo(b)fluoranthene	19.65	252	63847m	9.62	ng	
88) Benzo(k)fluoranthene	19.66	252	31900m	4.76	ng	
89) Benzo(a)pyrene	19.99	252	51851	8.34	ng	# 92
91) Benzo(g,h,i)perylene	21.57	276	37216	6.26	ng	99

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

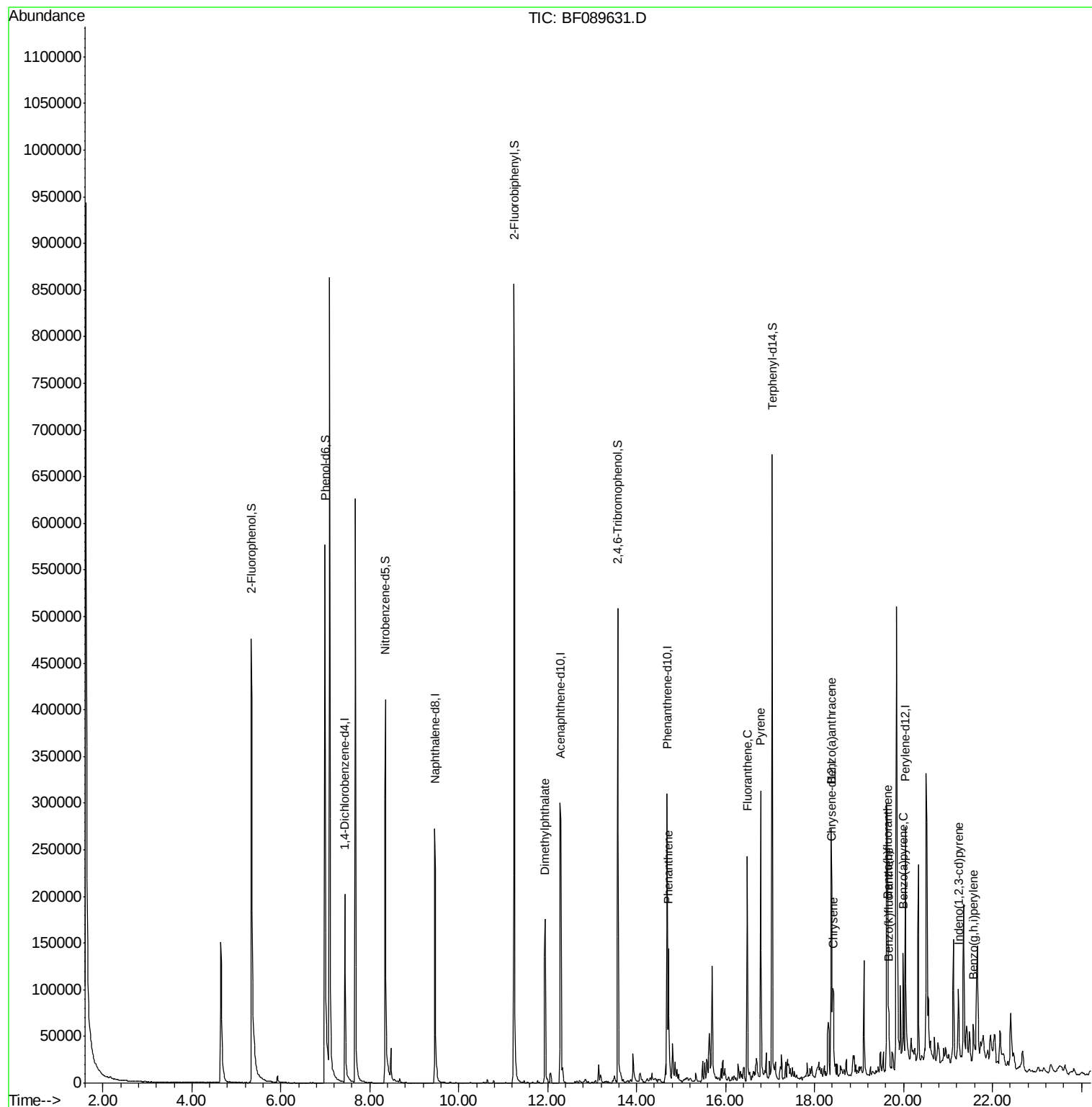
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089631.D
Acq On : 5 Aug 2016 15:29
Operator : UM/SJ
Sample : H4292-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

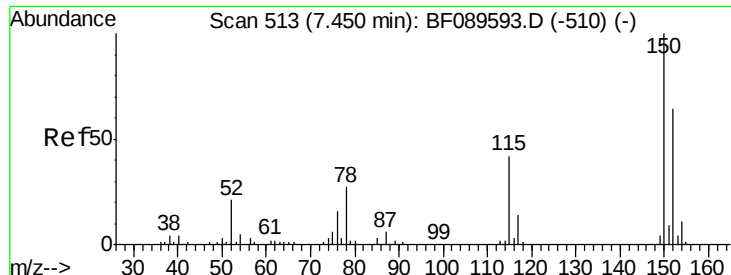
Instrument :
BNA_F
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#1

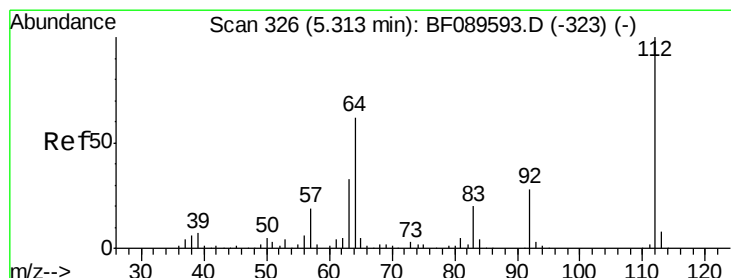
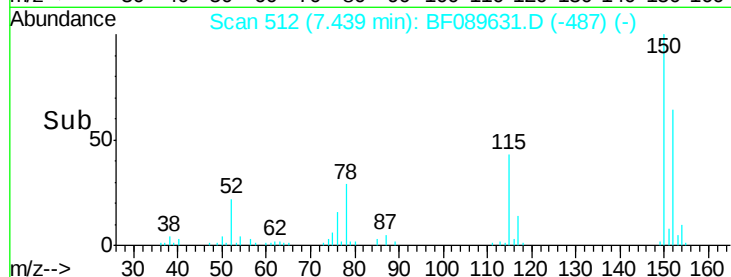
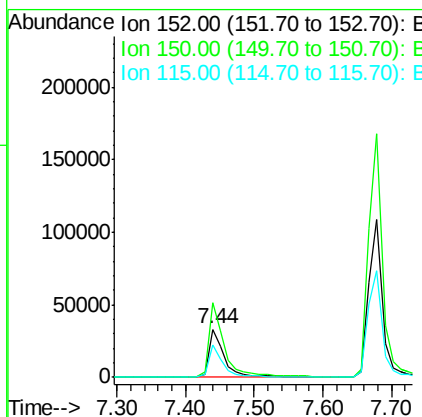
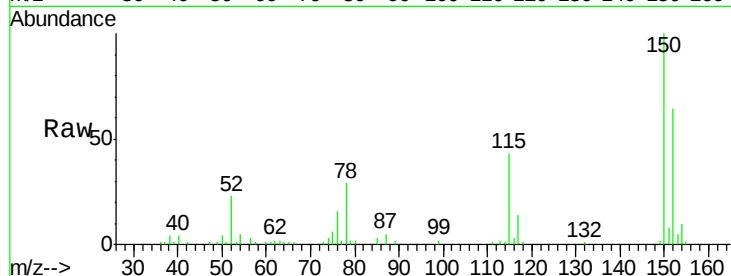
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.5	188.3
115	66.5	52.0	78.0

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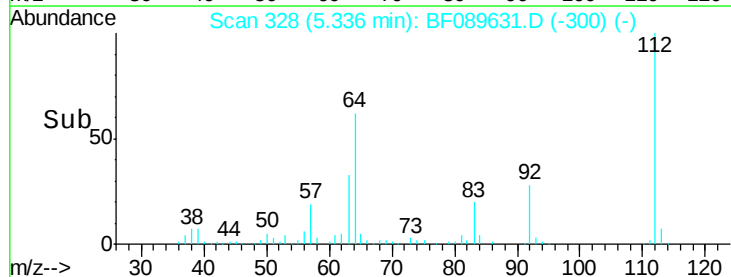
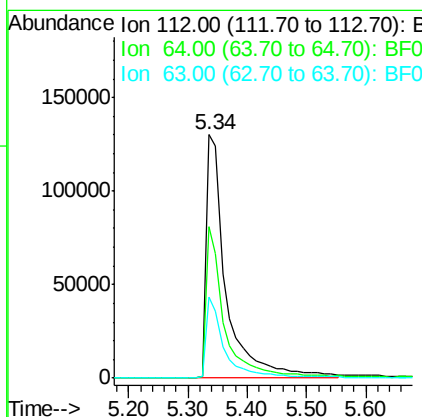
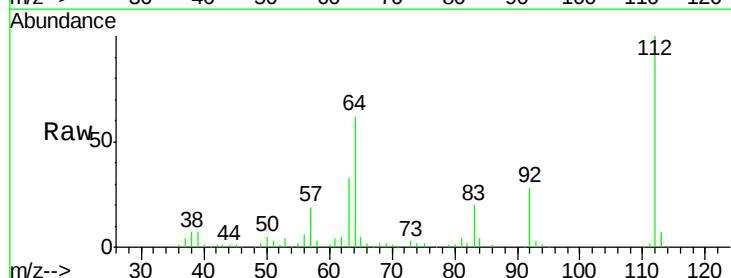
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#5

2-Fluorophenol
 Concen: 95.11 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.02 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.9	74.9
63	33.2	26.1	39.1





#7

Phenol-d6

Concen: 97.69 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089631.D

Acq: 5 Aug 2016 15:29

Instrument :

BNA_F

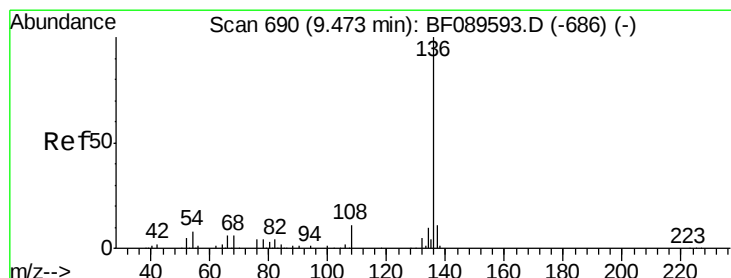
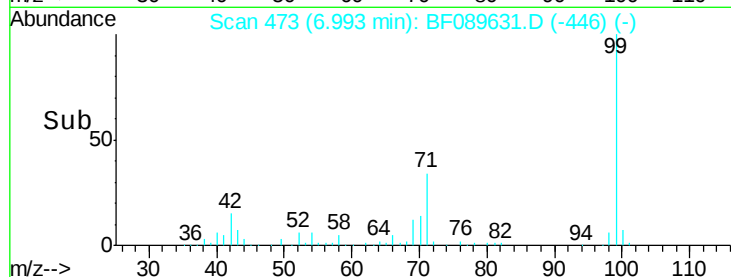
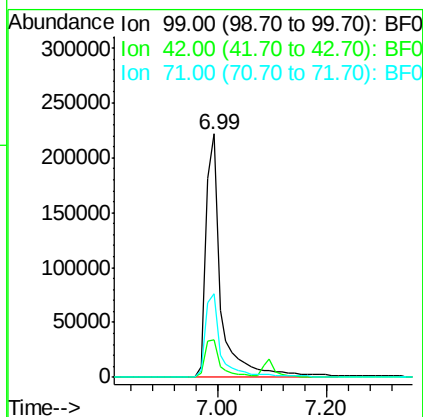
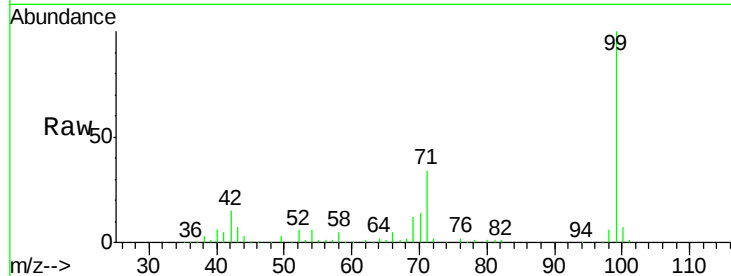
ClientSampleId :

DUPC-072716

Tgt Ion:	99	Resp:	427243
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.7	20.5
71	34.3	29.0	43.4

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#21

Naphthalene-d8

Concen: 20.00 ng

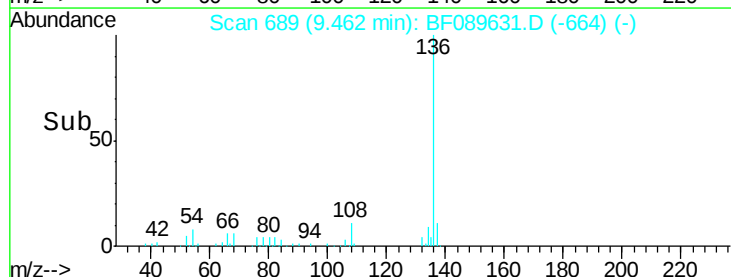
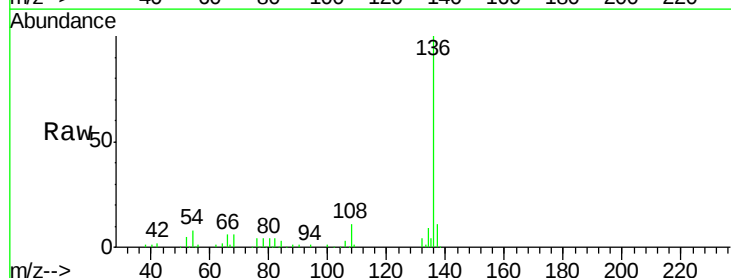
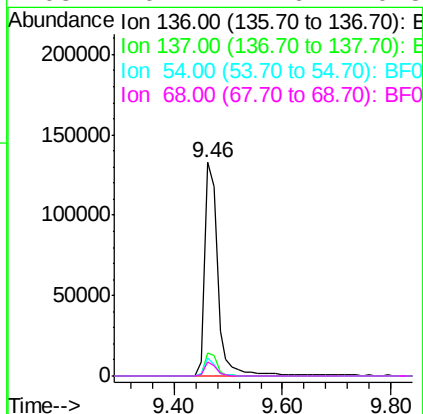
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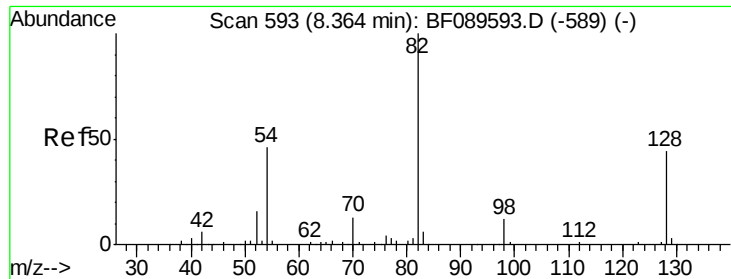
Delta R.T. -0.01 min

Lab File: BF089631.D

Acq: 5 Aug 2016 15:29

Tgt Ion:	136	Resp:	223736
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.4	6.0	9.0
68	6.4	4.6	6.8





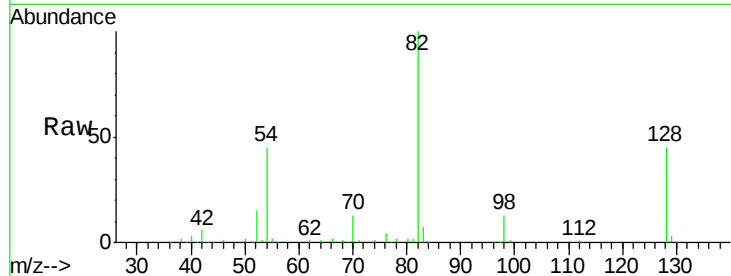
#23
 Nitrobenzene-d5
 Concen: 65.44 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

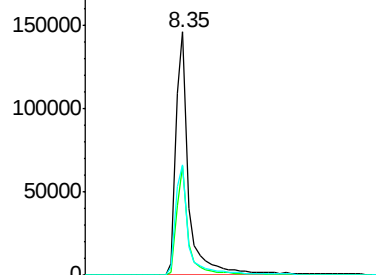
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	264698		
128	44.7	35.4	53.0	
54	45.4	36.4	54.6	

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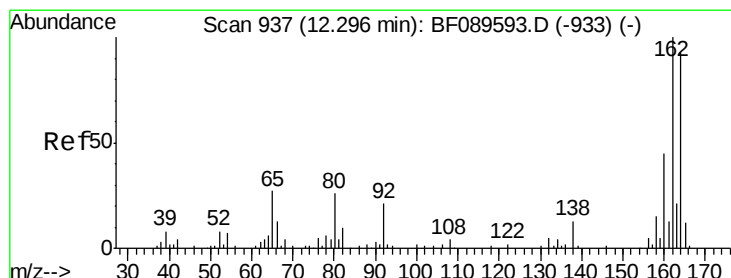
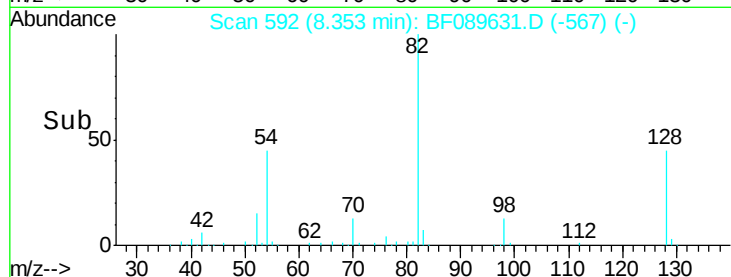
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Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



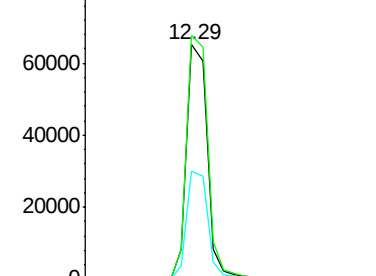
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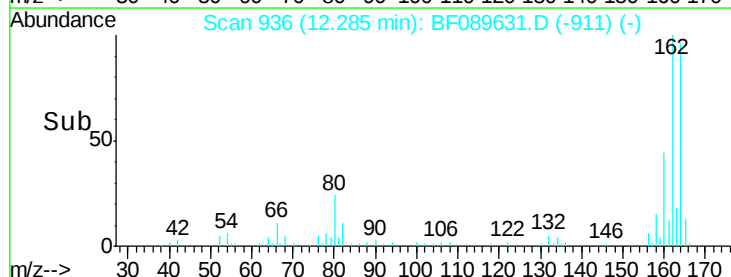
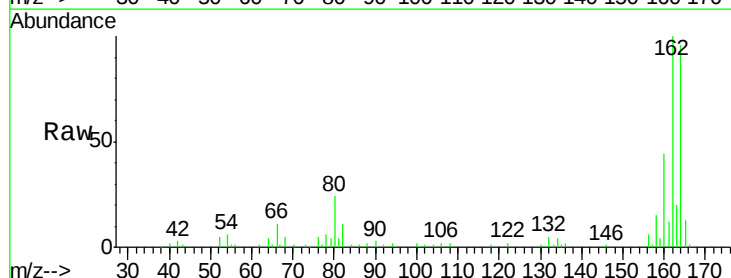
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

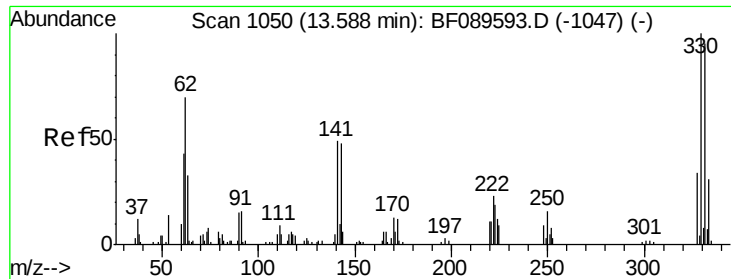
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101190		
162	104.0	85.7	128.5	
160	45.9	38.2	57.4	

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->





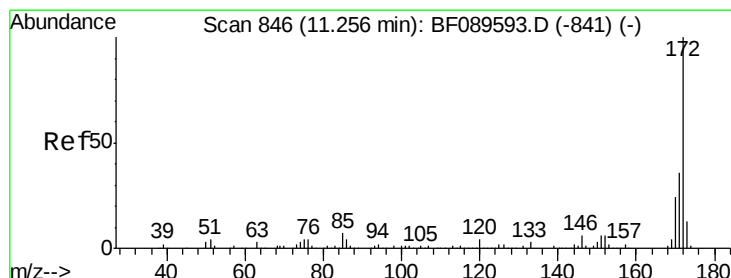
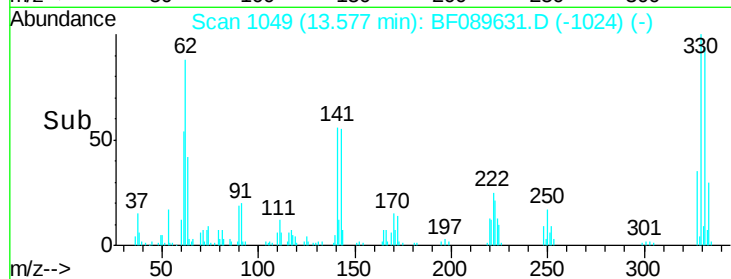
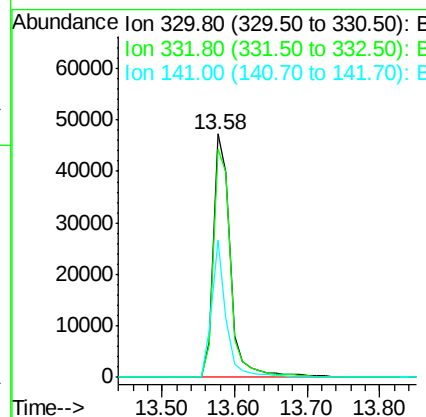
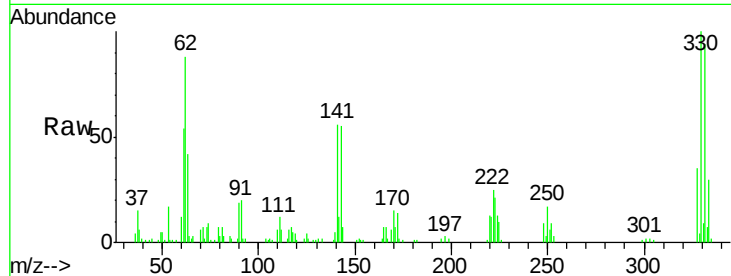
#41
 2,4,6-Tribromophenol
 Concen: 92.31 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	47.7	38.6	57.8

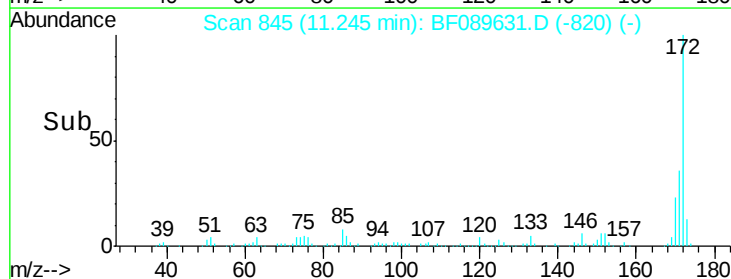
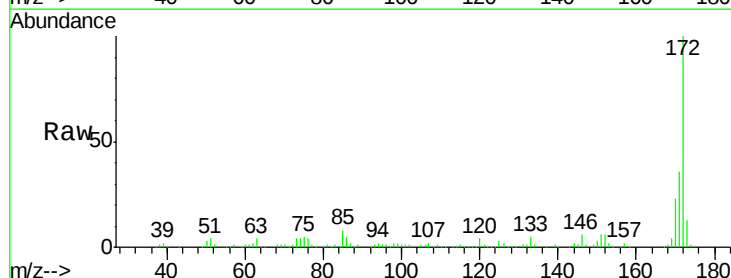
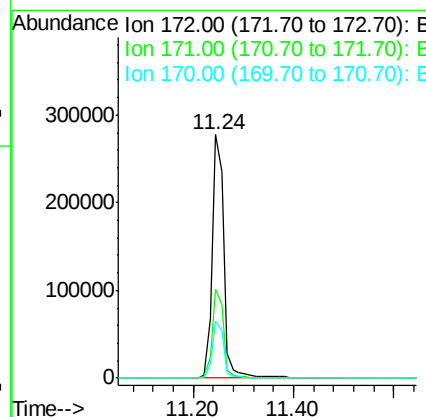
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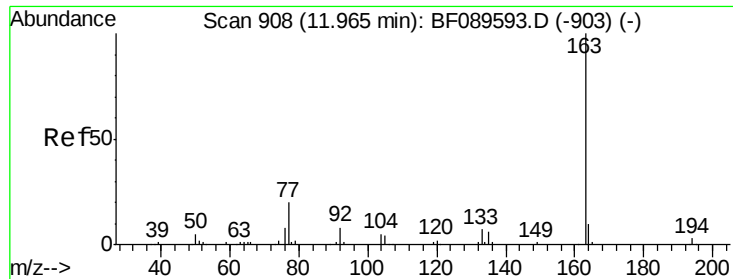
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#44
 2-Fluorobiphenyl
 Concen: 57.64 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.3	19.0	28.6





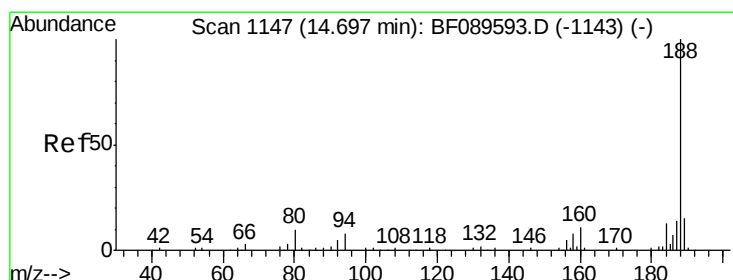
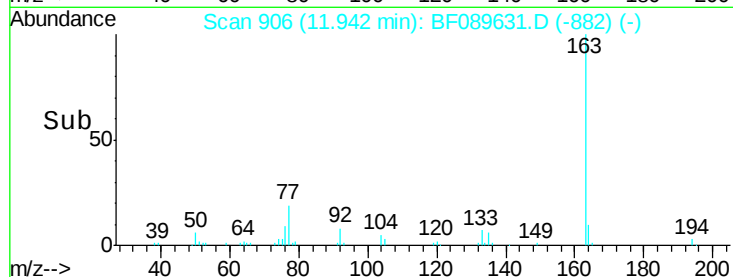
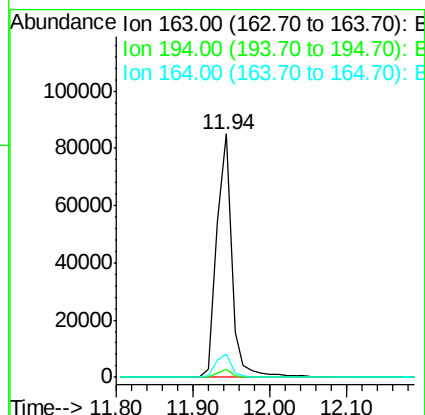
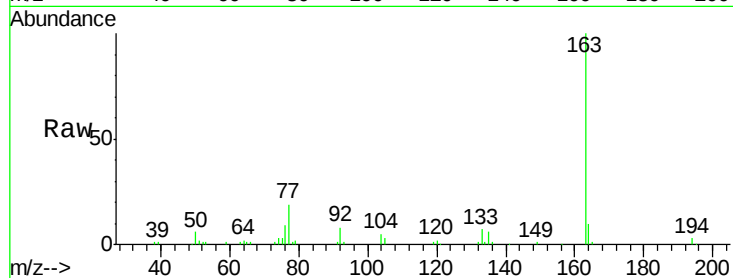
#49
Dimethylphthalate
Concen: 14.68 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	116452		
194	3.4	2.7	4.1	
164	9.6	7.8	11.6	

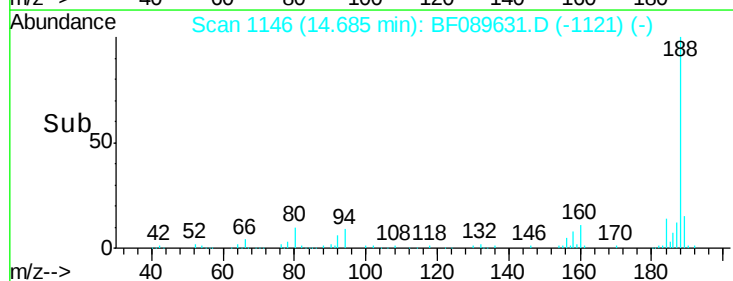
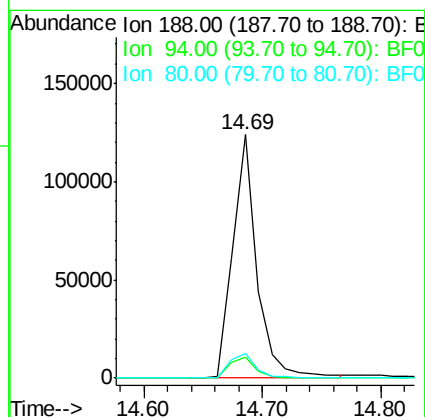
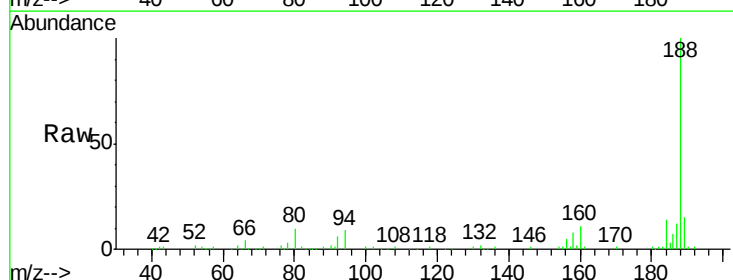
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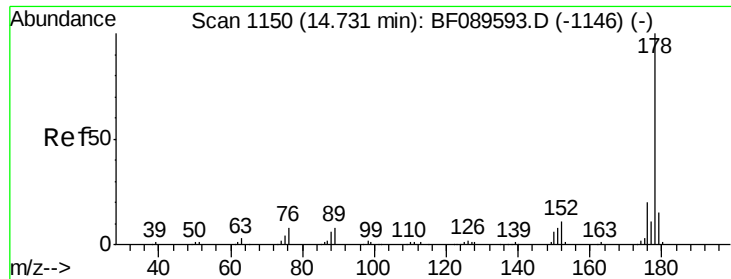
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	174145		
94	8.8	6.5	9.7	
80	10.4	8.0	12.0	





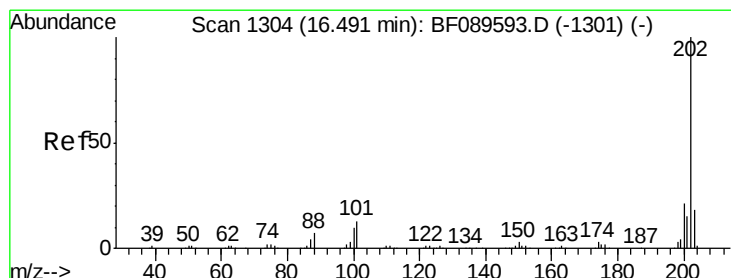
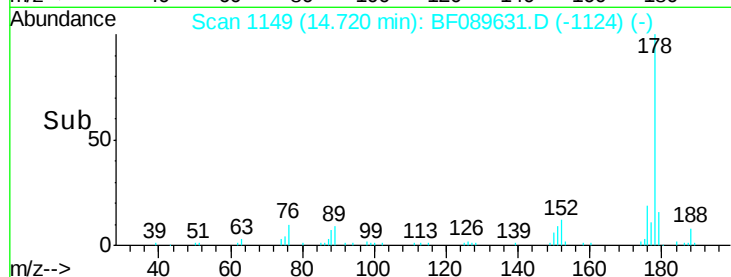
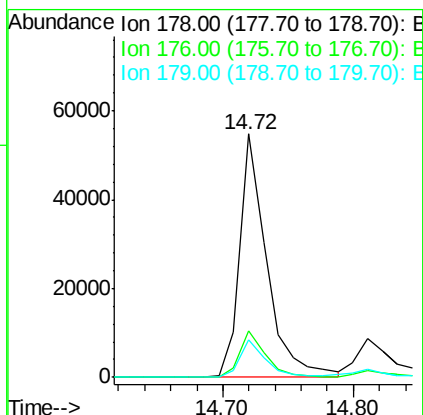
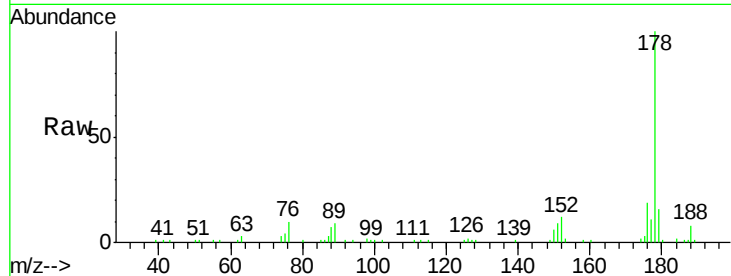
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Phenanthrene
Concen: 8.35 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
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DUPC-072716

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.6	12.2	18.2

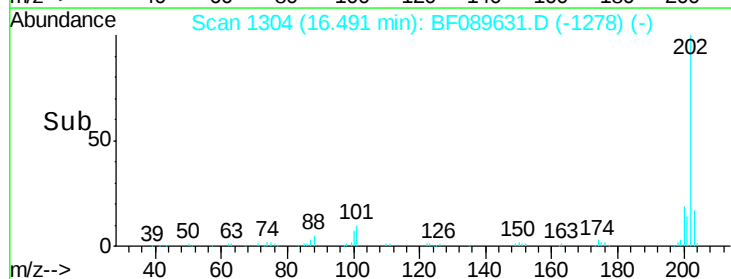
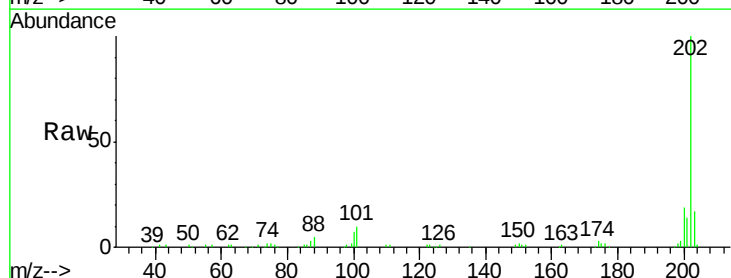
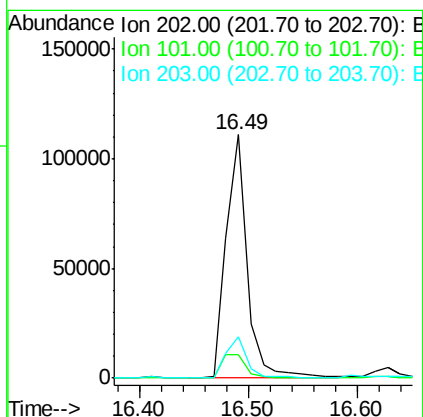
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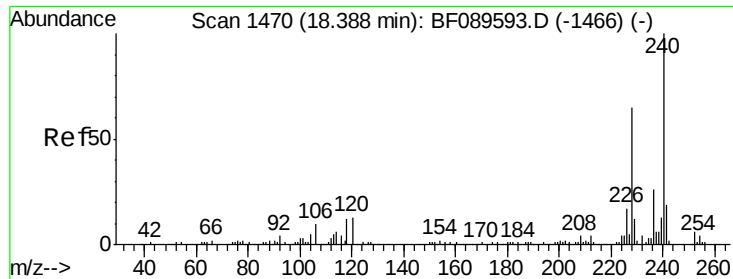
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#74
Fluoranthene
Concen: 15.23 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.7
203	16.9	0.0	37.8





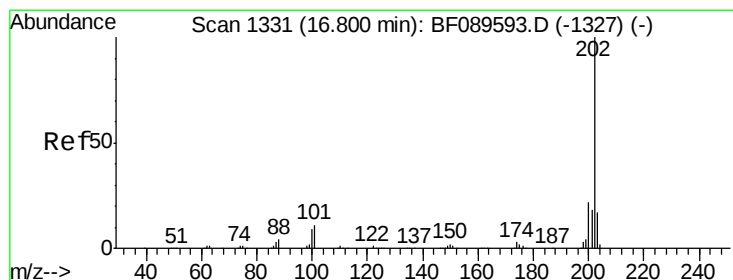
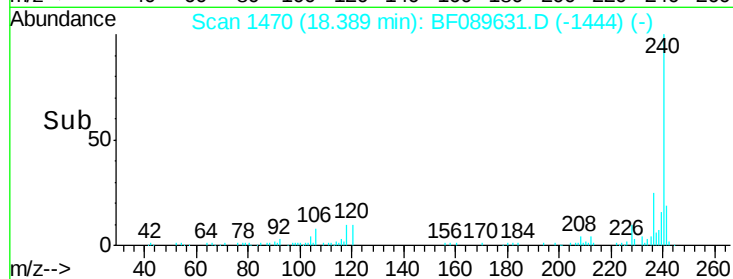
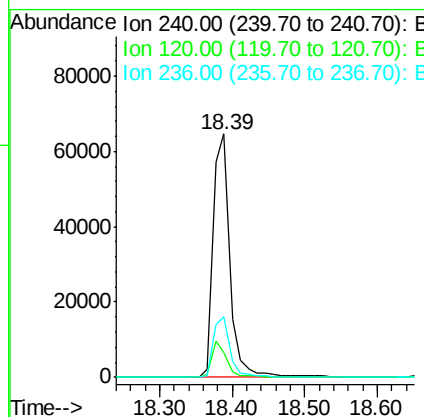
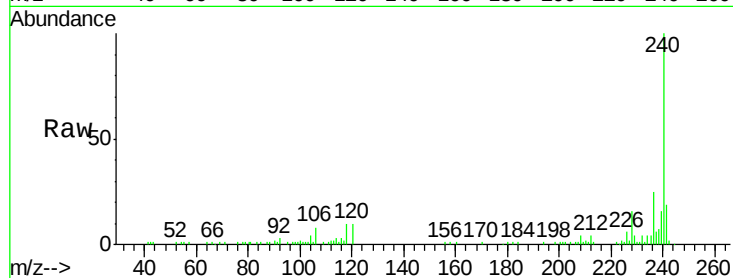
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	104015		
120	10.1	10.6	15.8	
236	25.1	20.6	30.8	

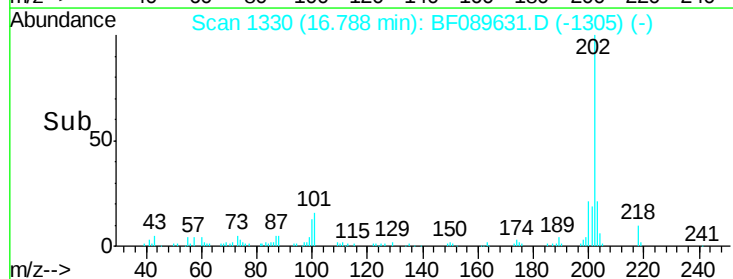
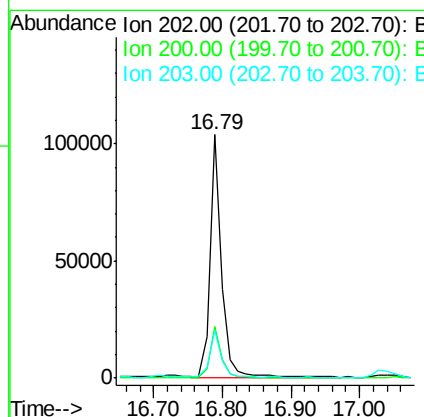
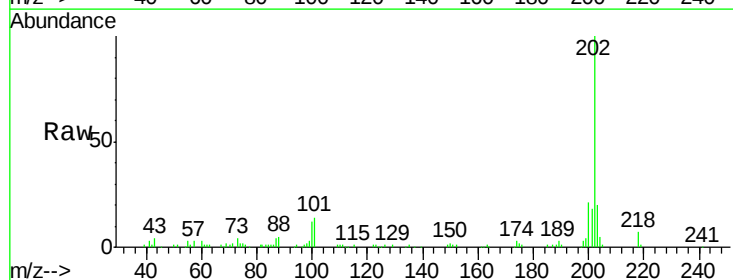
Manual Integrations
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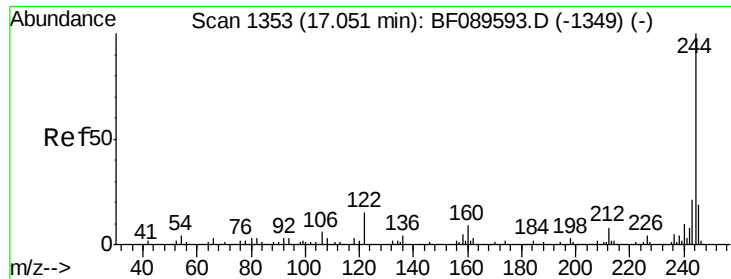
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#77
Pyrene
Concen: 12.99 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	119472		
200	21.1	17.4	26.0	
203	19.9	13.6	20.4	





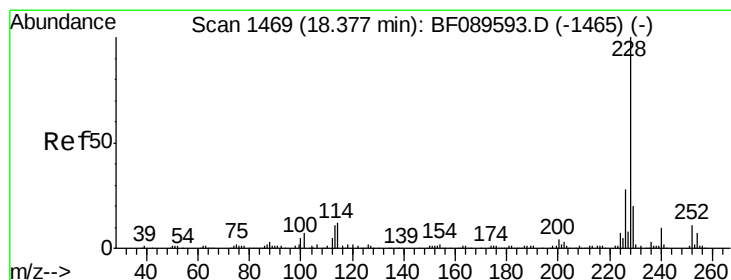
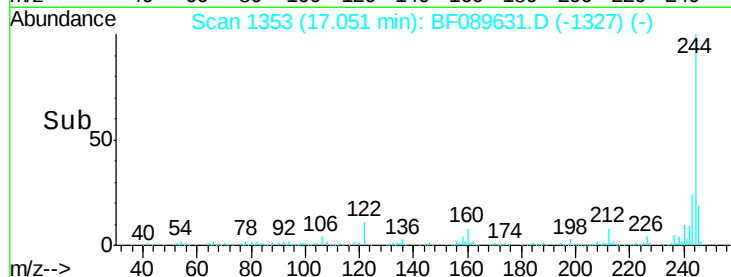
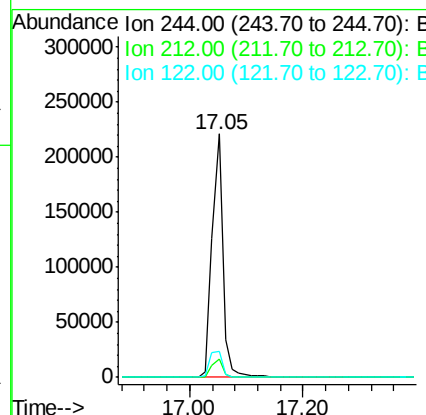
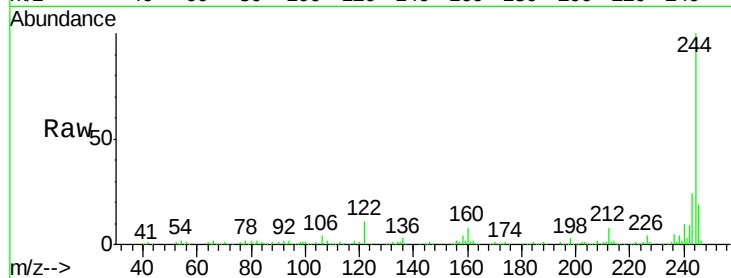
#78
 Terphenyl-d14
 Concen: 53.53 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :
 DUPC-072716

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	6.4	9.6
122	10.7	12.2	18.2#

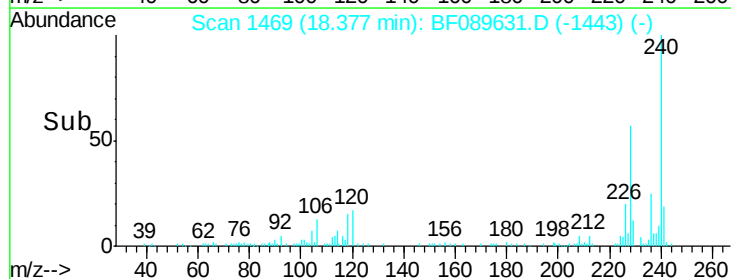
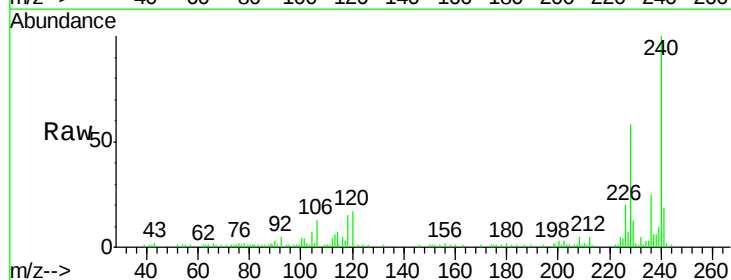
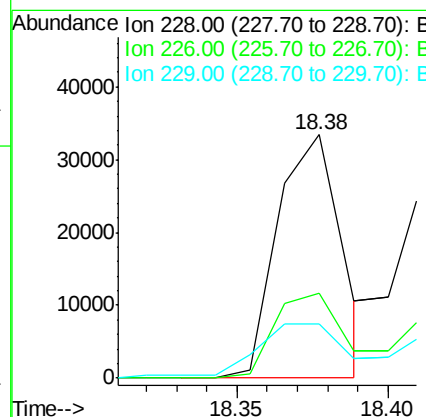
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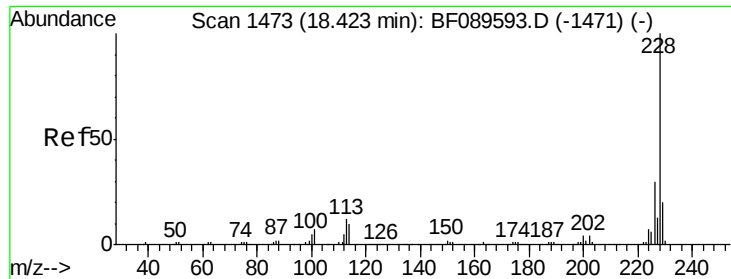
umangi
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#80
 Benzo(a)anthracene
 Concen: 8.26 ng m
 RT: 18.38 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF089631.D
 Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	34.8	22.3	33.5#
229	22.0	15.9	23.9





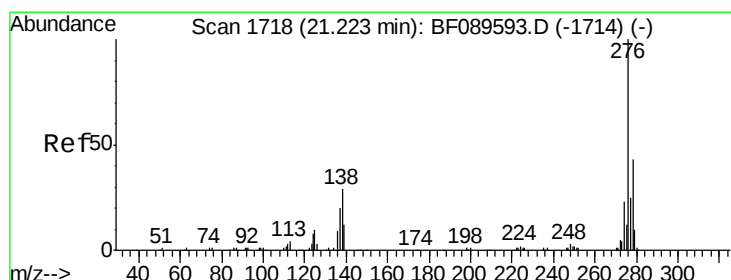
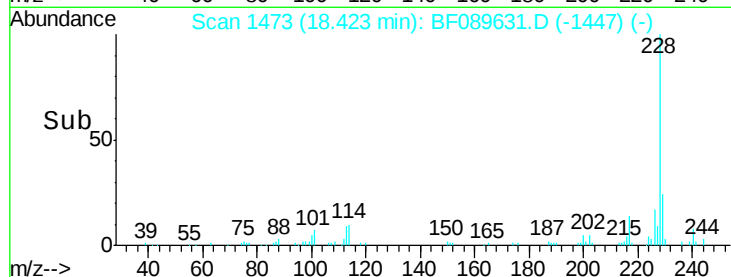
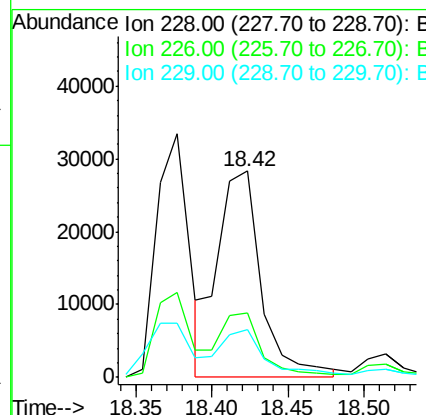
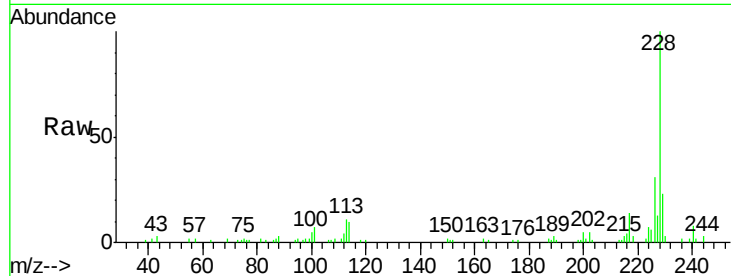
#82
Chrysene
Concen: 9.01 ng m
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	23.5	16.0	24.0

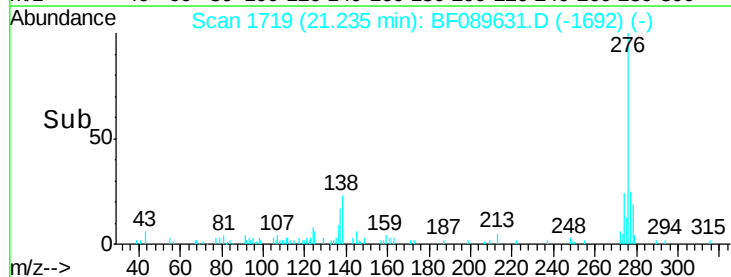
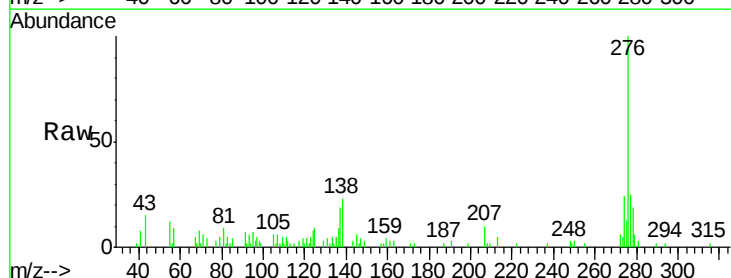
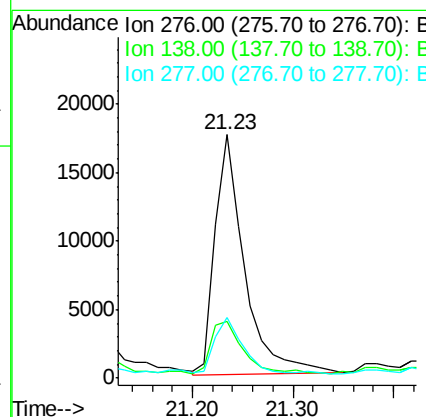
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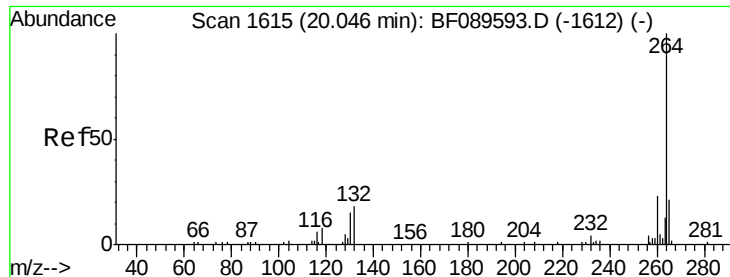
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#85
Indeno(1,2,3-cd)pyrene
Concen: 7.52 ng
RT: 21.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.8	35.8
277	22.6	20.3	30.5





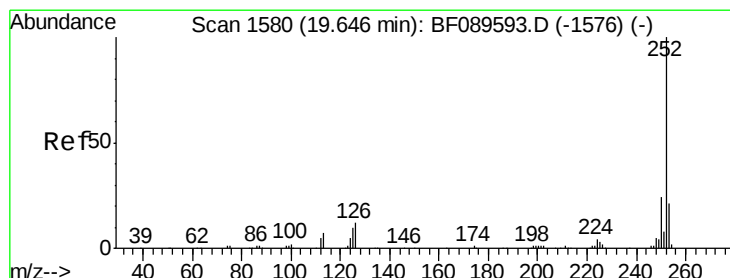
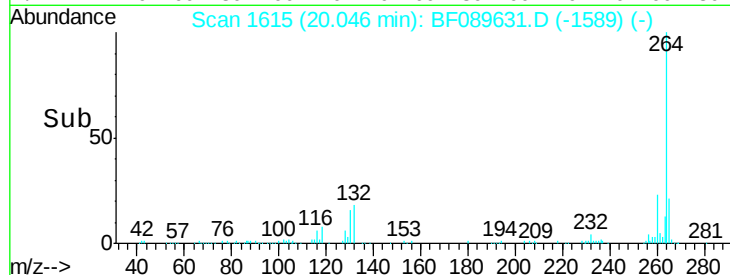
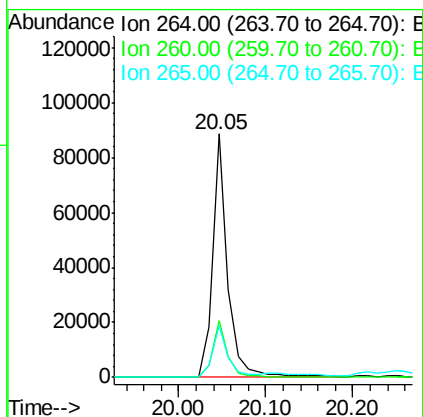
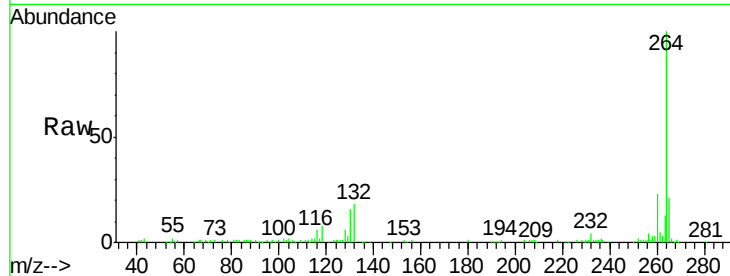
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	107952		
260	23.0	18.7	28.1	
265	21.3	16.5	24.7	

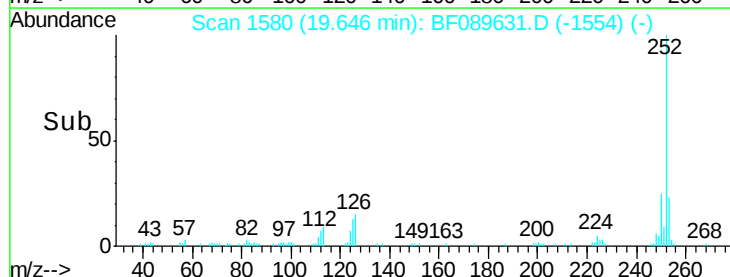
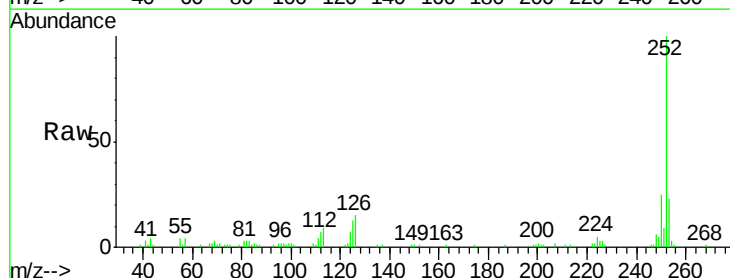
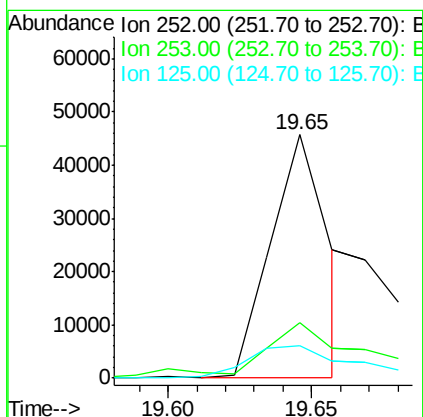
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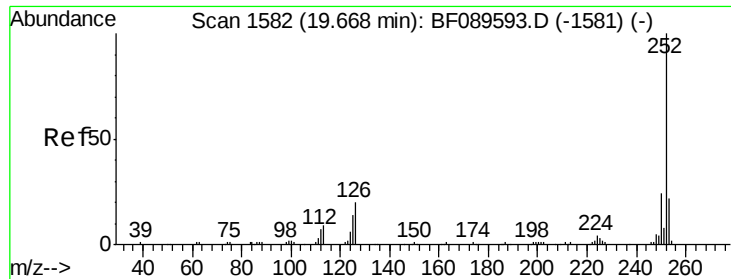
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#87
Benzo(b)fluoranthene
Concen: 9.62 ng m
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	63847		
253	22.8	17.1	25.7	
125	13.2	7.8	11.8	





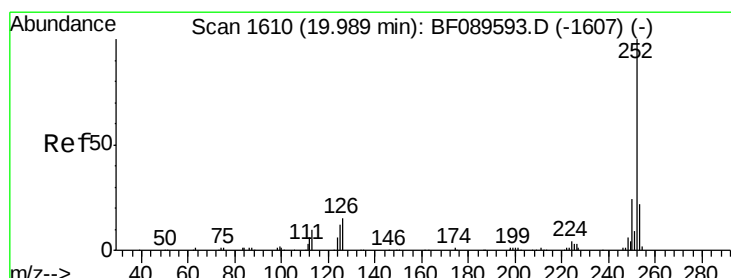
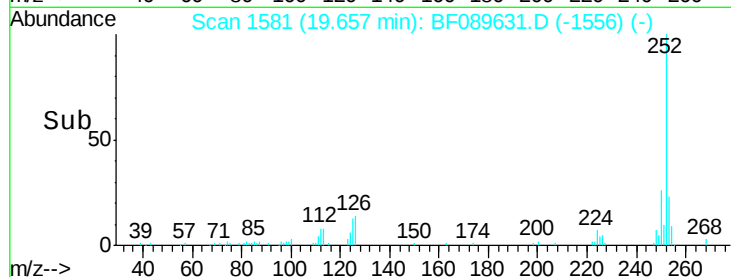
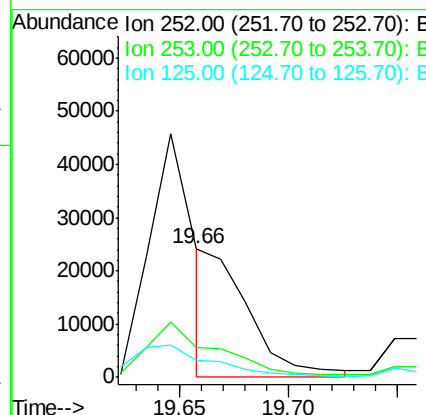
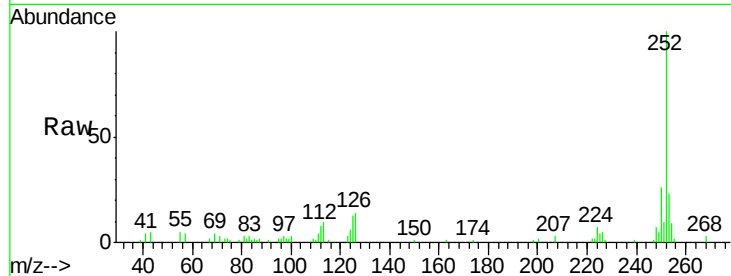
#88
Benzo(k)fluoranthene
Concen: 4.76 ng m
RT: 19.66 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	13.2	11.0	16.6

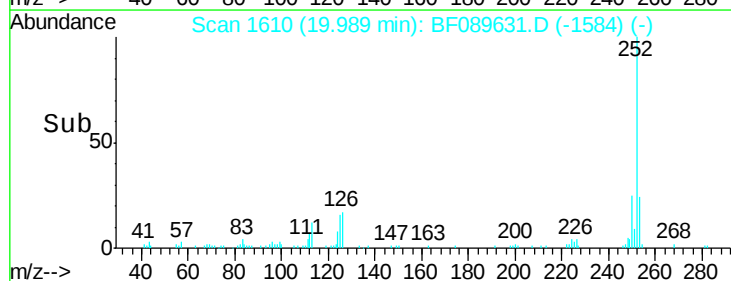
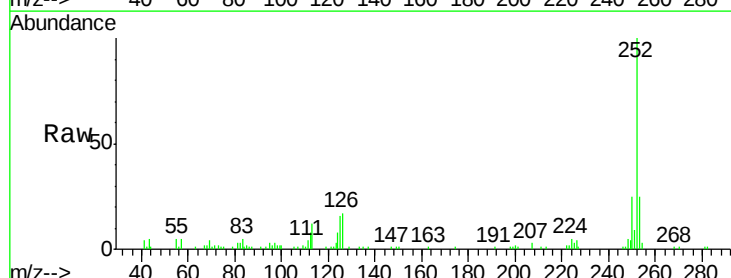
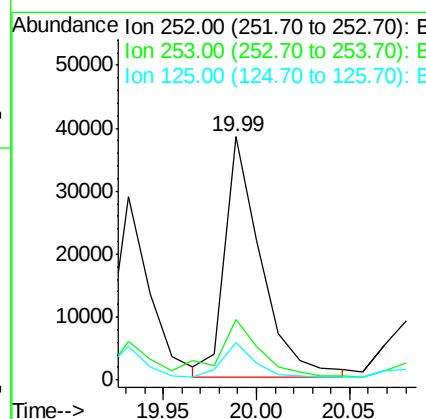
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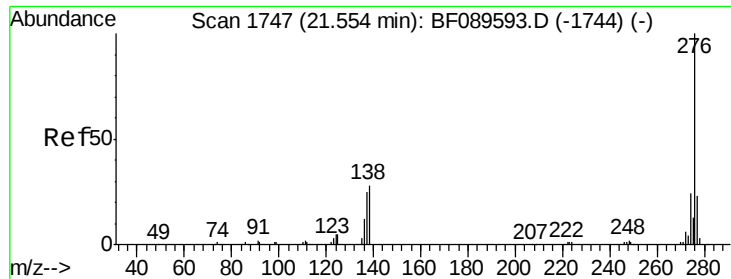
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#89
Benzo(a)pyrene
Concen: 8.34 ng
RT: 19.99 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.0
125	15.7	9.9	14.9#





#91
Benzo(g,h,i)perylene
Concen: 6.26 ng
RT: 21.57 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BF089631.D
Acq: 5 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :
DUPC-072716

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	37216		
277	23.6		18.6	28.0
138	28.6		22.6	33.8

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