

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096762.D
 Acq On : 14 Jul 2017 7:23
 Operator : SJ/JU
 Sample : I4149-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-071117

Manual Integrations
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mohammad
 7/17/2017 8:12:24 AM

Quant Time: Jul 14 14:30:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	108412	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	399816	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	132403	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	215348	20.00	ng	0.00
75) Chrysene-d12	13.79	240	162349	20.00	ng	0.01
86) Perylene-d12	15.17	264	107808	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	545503	75.66	ng	0.01
7) Phenol-d6	6.28	99	636201	73.53	ng	0.00
23) Nitrobenzene-d5	7.20	82	291787	45.20	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	83028	73.46	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	476648	56.88	ng	0.00
78) Terphenyl-d14	12.74	244	333169	35.59	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	140075	14.050	ng	99
57) Fluorene	10.22	166	16307	2.001	ng	# 95
70) Phenanthrene	11.17	178	91347	7.801	ng	97
71) Anthracene	11.22	178	28261	2.387	ng	96
74) Fluoranthene	12.36	202	96951m	8.650	ng	
77) Pyrene	12.59	202	127492	8.653	ng	98
80) Benzo(a)anthracene	13.77	228	45921	4.540	ng	92
82) Chrysene	13.81	228	50492m	5.070	ng	
87) Benzo(b)fluoranthene	14.79	252	44186m	6.796	ng	
88) Benzo(k)fluoranthene	14.81	252	14440m	2.345	ng	
89) Benzo(a)pyrene	15.12	252	33201m	5.567	ng	
91) Benzo(g,h,i)perylene	16.90	276	23173m	3.944	ng	

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

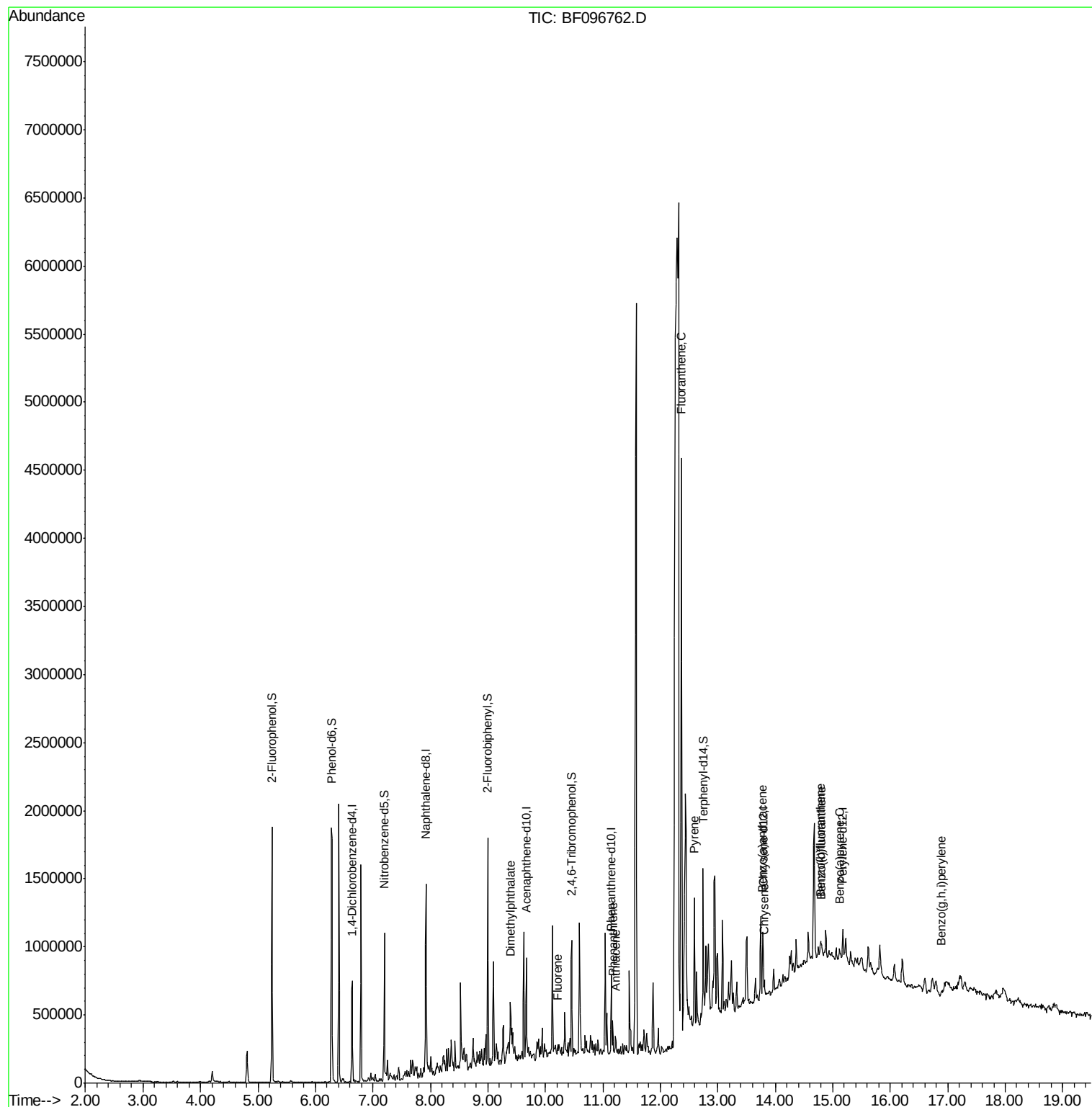
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

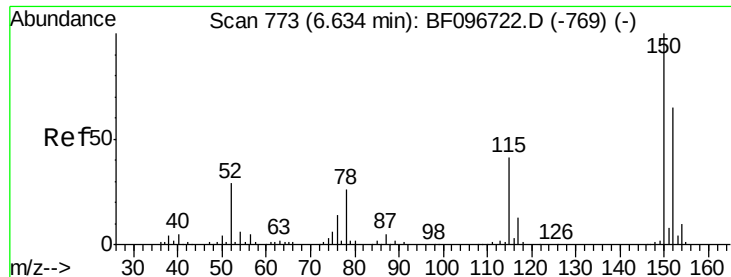
Instrument :
BNA_F
ClientSampleId :
OR-01-071117

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Quant Time: Jul 14 14:30:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration





#1

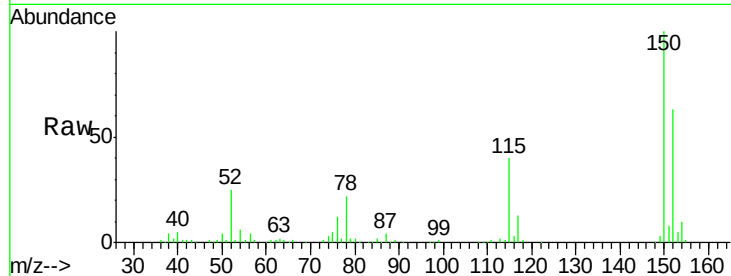
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	63.9	52.2	78.2

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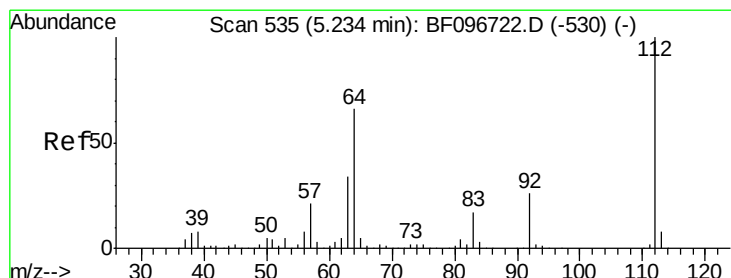
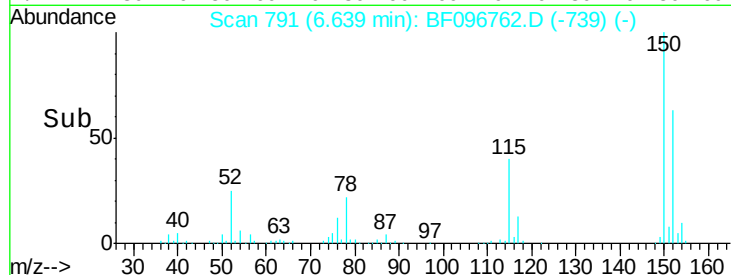
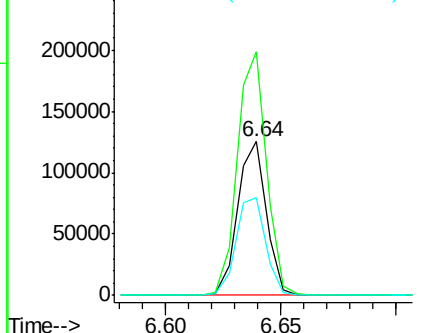


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

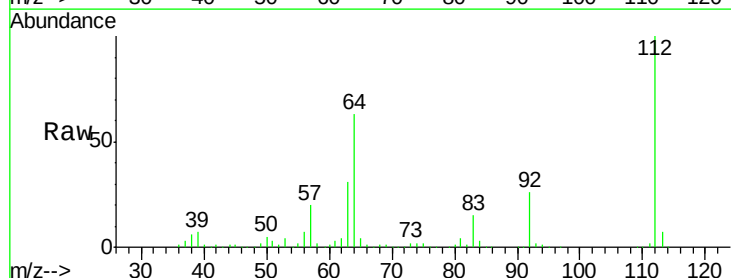
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.657 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	31.4	23.4	35.0

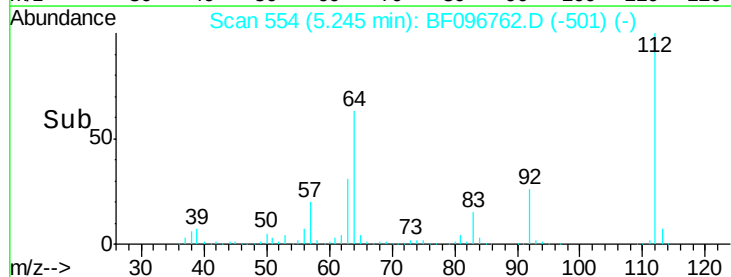
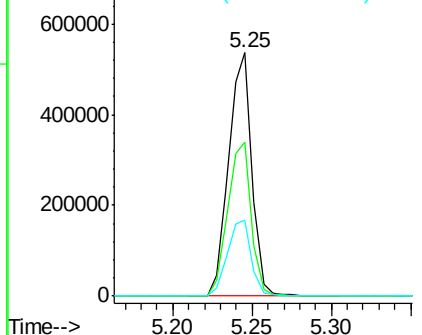


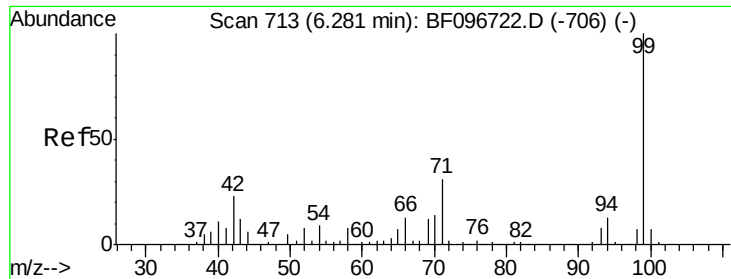
Abundance

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: 73.528 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Instrument :

BNA_F

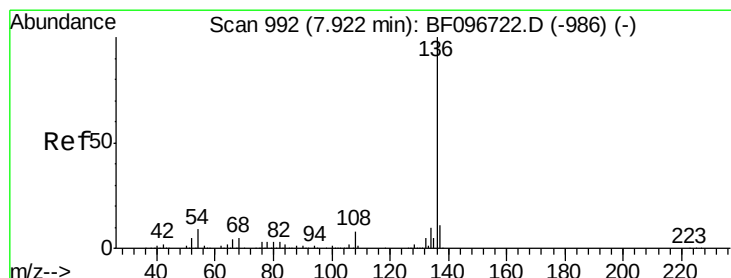
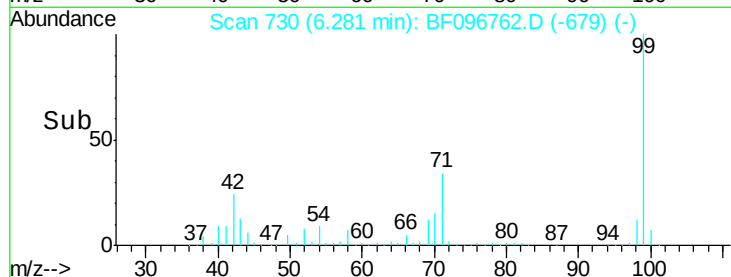
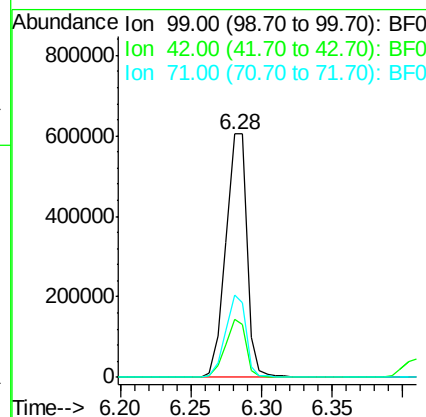
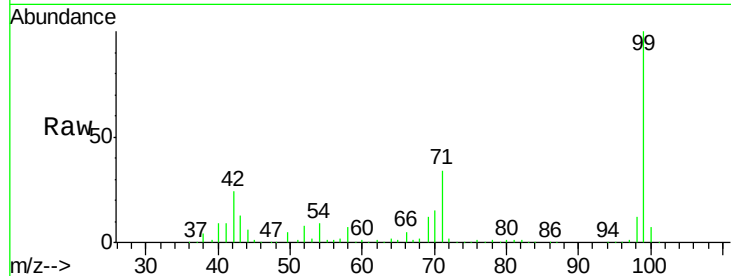
ClientSampleId :

OR-01-071117

Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	34.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

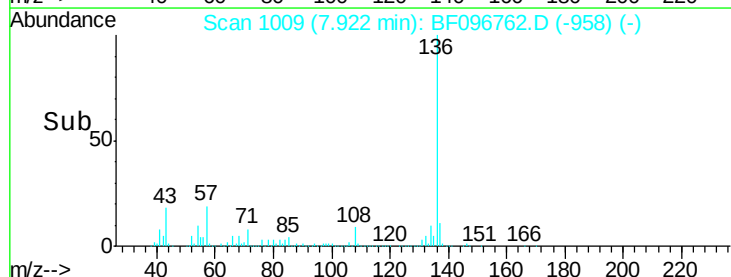
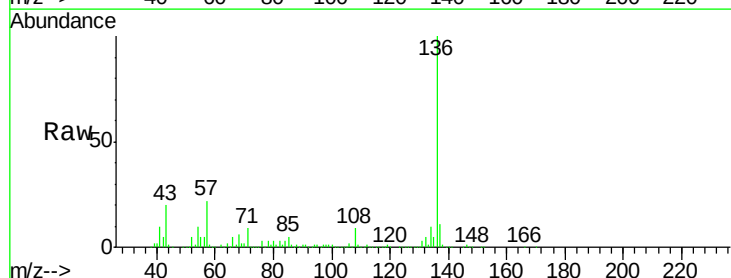
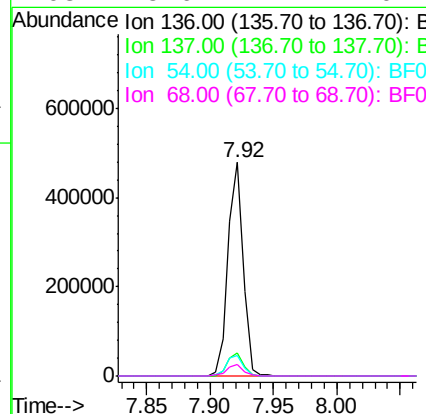
RT: 7.92 min Scan# 1009

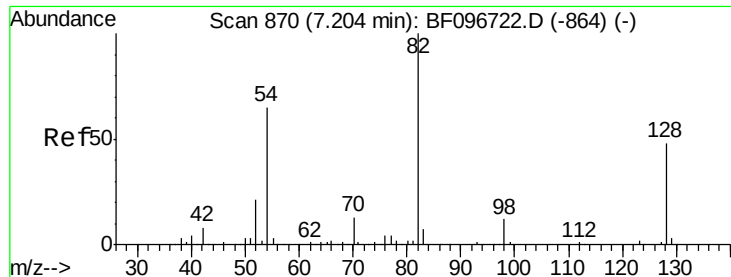
Delta R.T. -0.00 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.9	4.9	7.3#
68	5.6	4.1	6.1





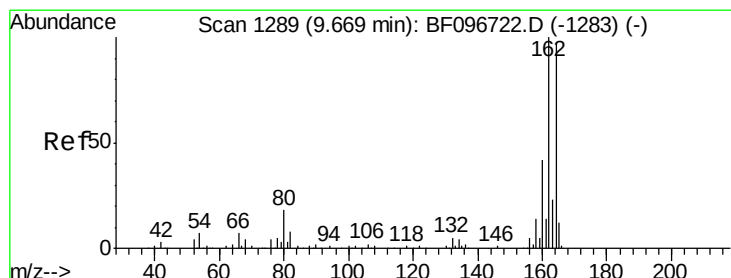
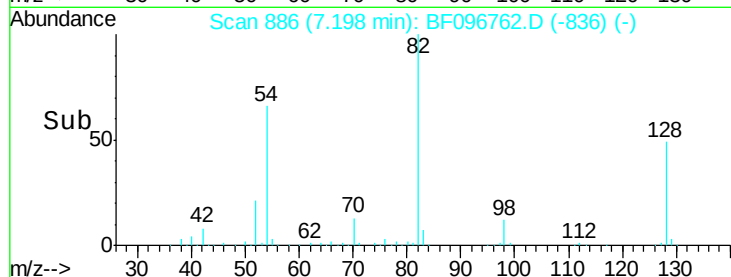
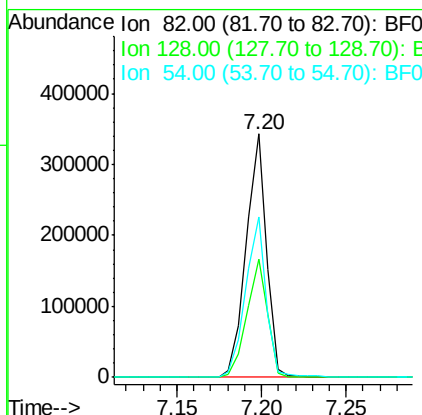
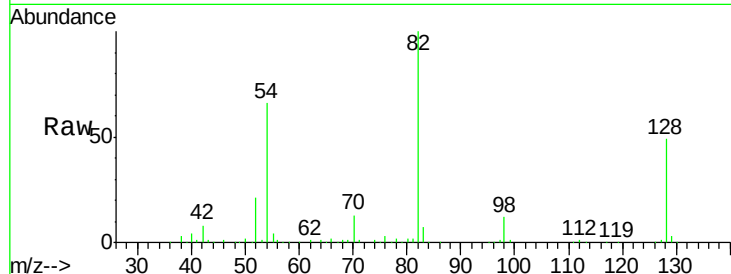
#23
 Nitrobenzene-d5
 Concen: 45.205 ng
 RT: 7.20 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-071117

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	291787		
128	48.6	34.0	51.0	
54	66.0	42.2	63.2	

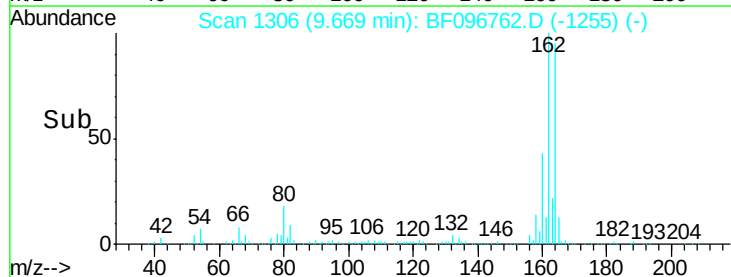
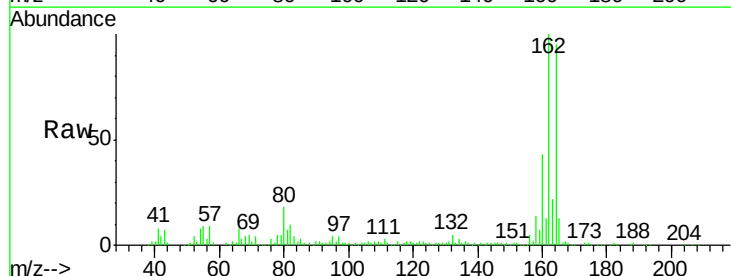
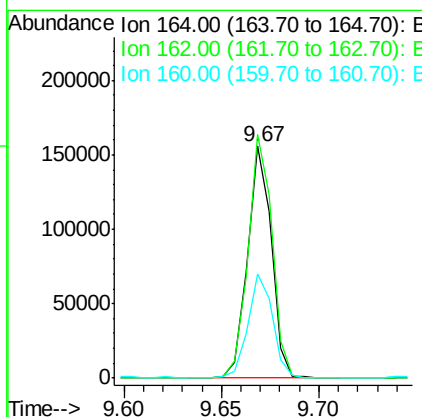
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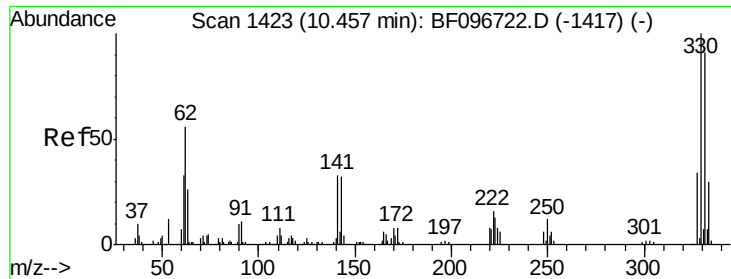
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132403		
162	105.1	82.6	123.8	
160	45.1	36.2	54.2	





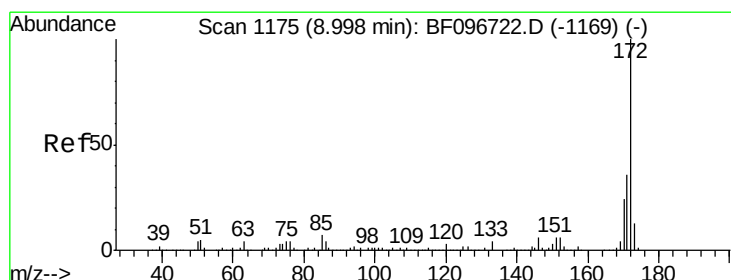
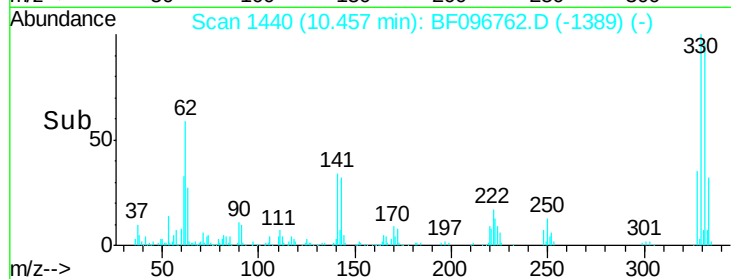
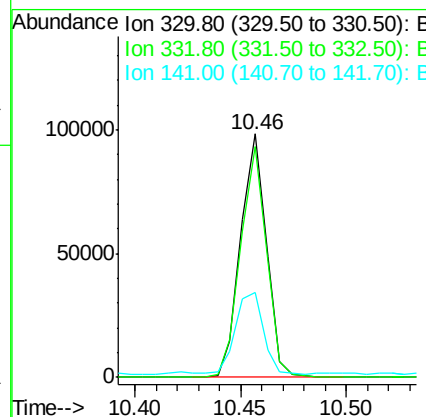
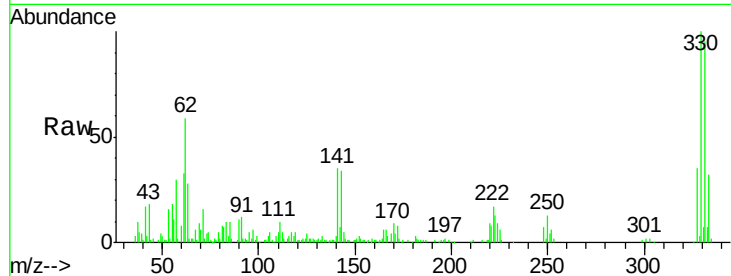
#41
 2,4,6-Tribromophenol
 Concen: 73.465 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-071117

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	83028		
332	95.3	76.6	115.0	
141	36.5	31.4	47.2	

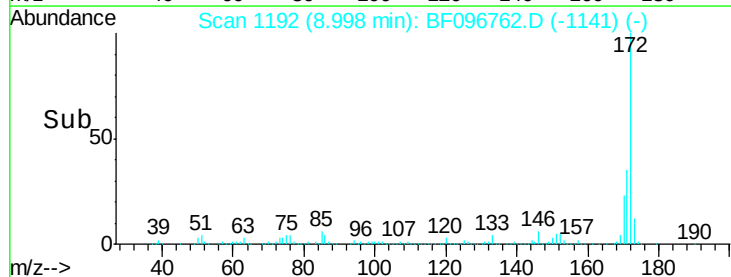
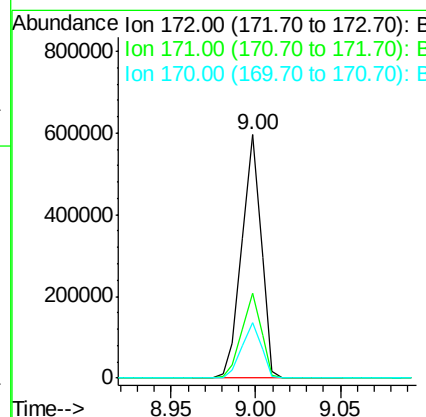
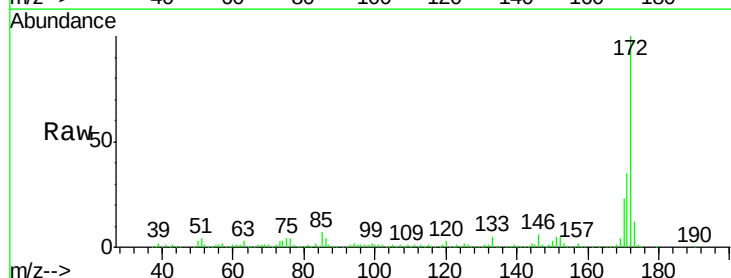
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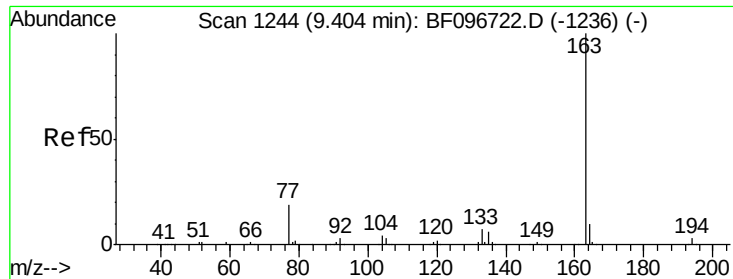
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#44
 2-Fluorobiphenyl
 Concen: 56.877 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	476648		
171	35.0	29.6	44.4	
170	22.9	19.8	29.8	





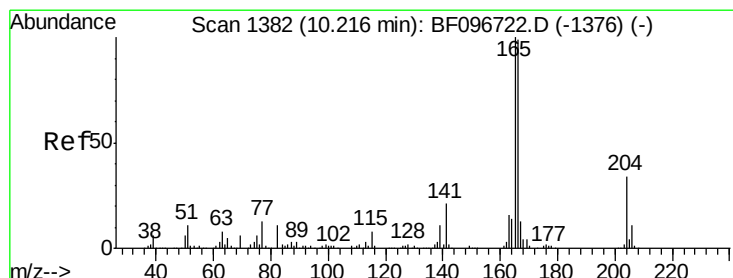
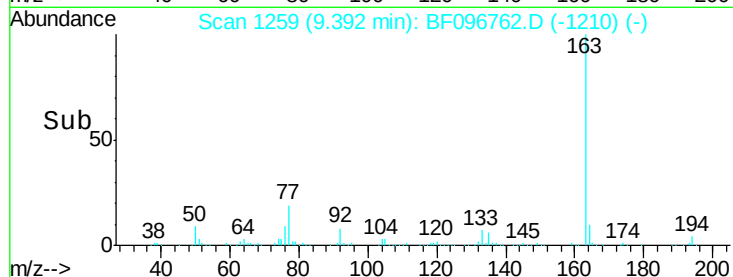
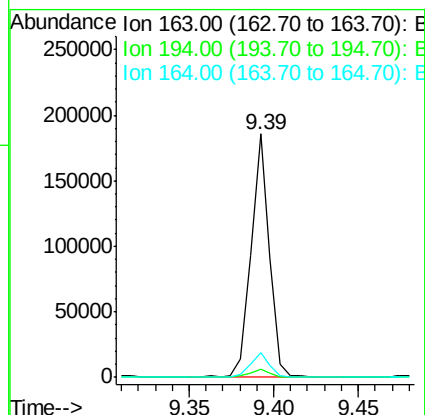
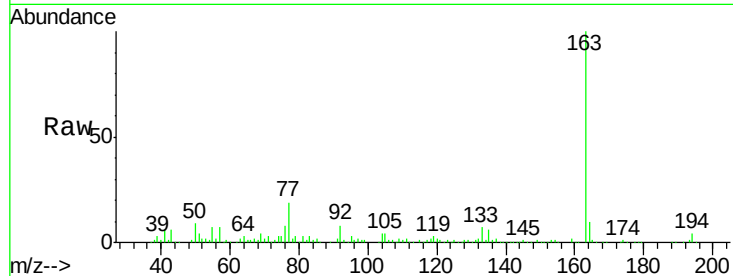
#49
Dimethylphthalate
Concen: 14.050 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	140075		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

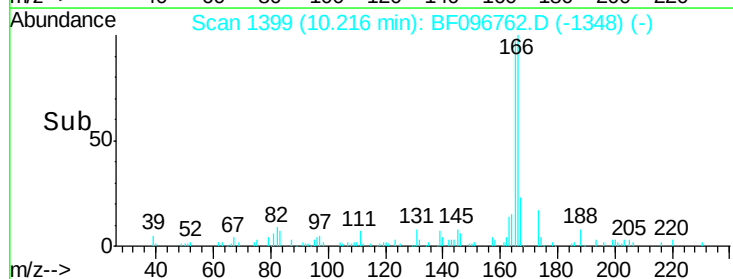
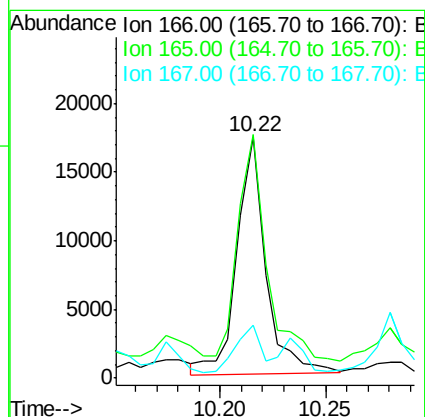
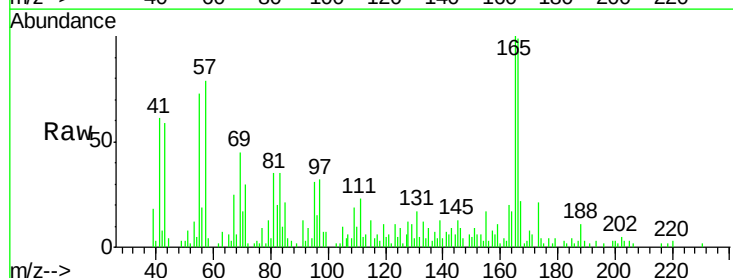
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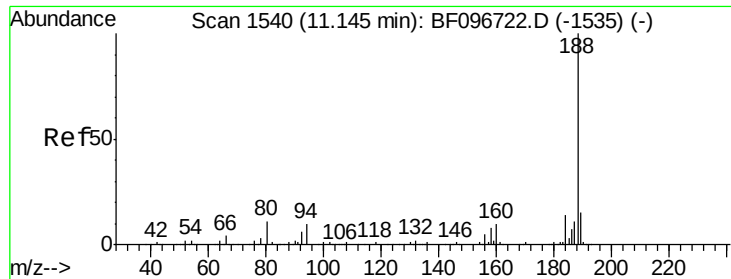
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#57
Fluorene
Concen: 2.001 ng
RT: 10.22 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	16307		
165	100.9	78.8	118.2	
167	21.8	10.6	16.0	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Instrument :

BNA_F

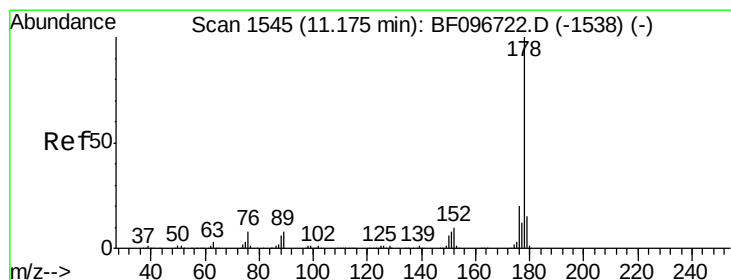
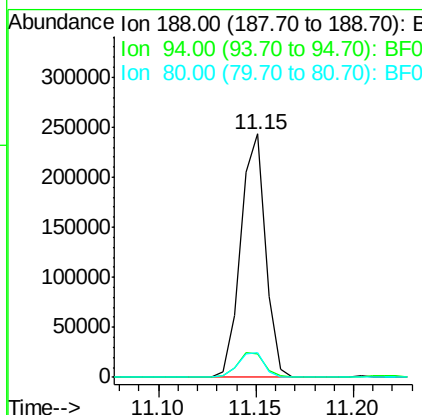
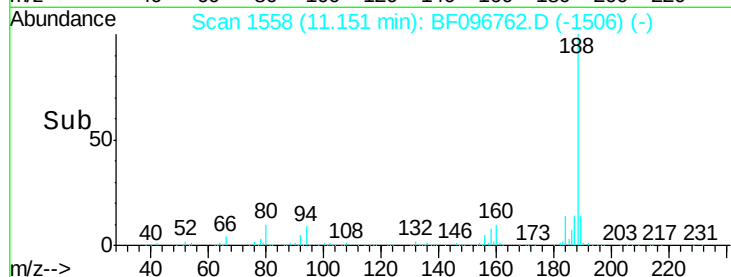
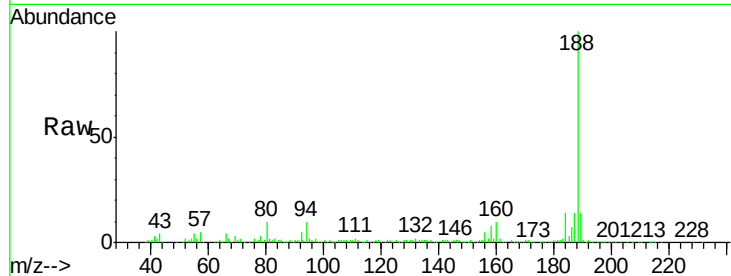
ClientSampleId :

OR-01-071117

Tgt Ion:	188	Resp:	215348
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.4	14.2
80	10.1	10.2	15.2#

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#70

Phenanthrene

Concen: 7.801 ng

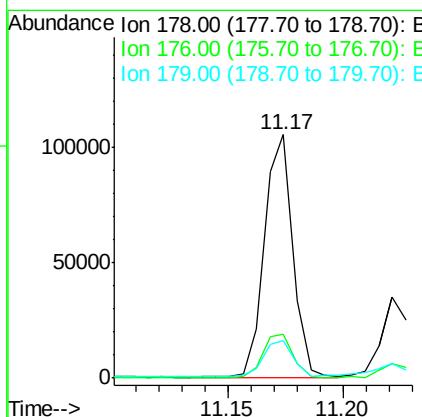
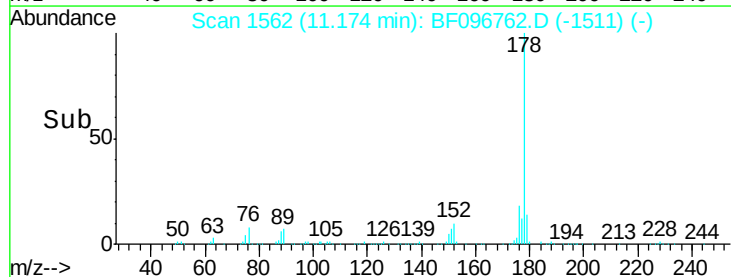
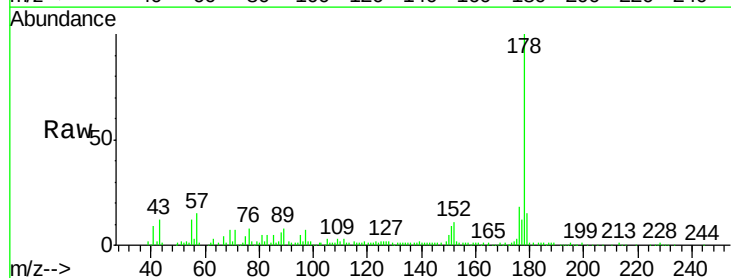
RT: 11.17 min Scan# 1562

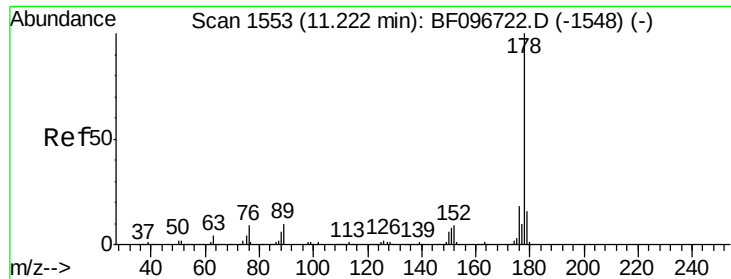
Delta R.T. -0.00 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Tgt Ion:	178	Resp:	91347
Ion Ratio	Lower	Upper	
178	100		
176	18.0	16.2	24.4
179	15.3	12.6	19.0





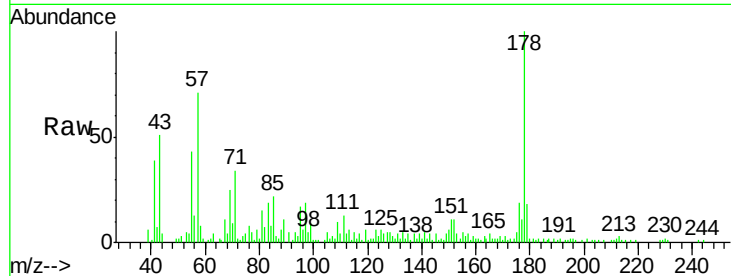
#71
 Anthracene
 Concen: 2.387 ng
 RT: 11.22 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Instrument :
 BNA_F
 ClientSampled :
 OR-01-071117

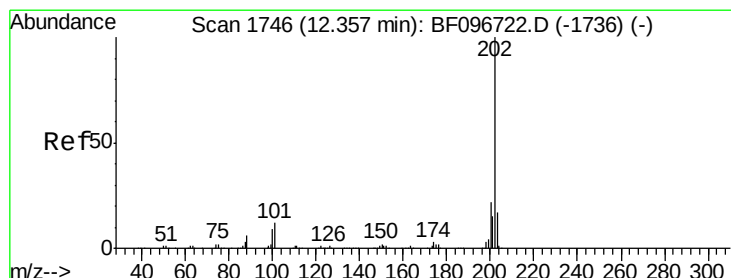
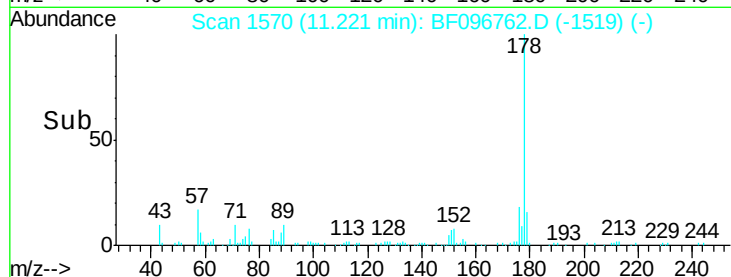
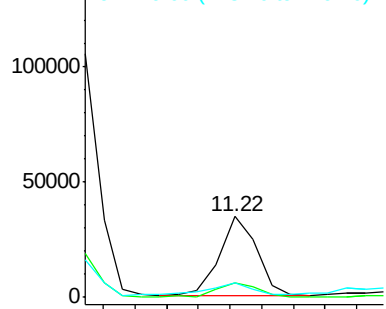
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	18.4	12.7	19.1

Manual Integrations
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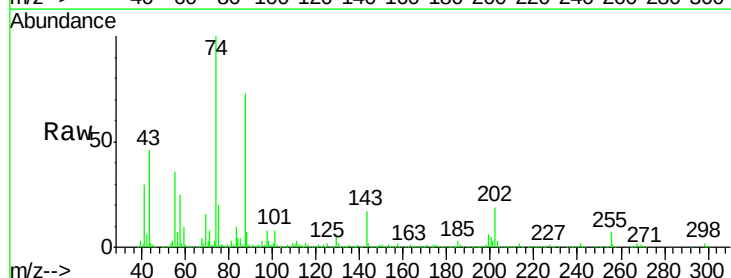


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

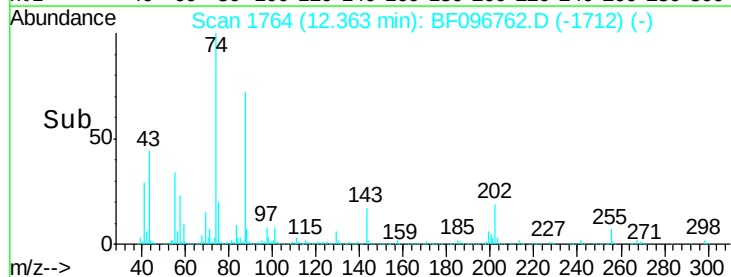
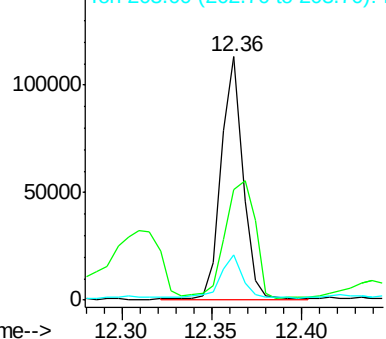


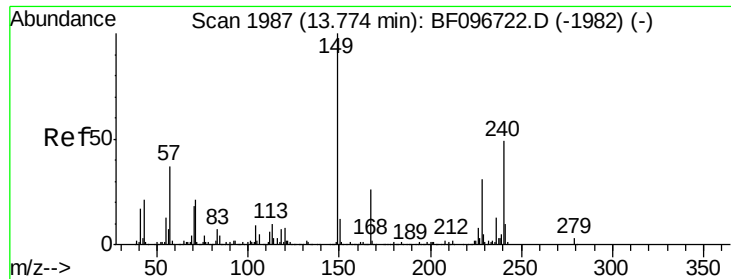
#74
 Fluoranthene
 Concen: 8.650 ng m
 RT: 12.36 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF096762.D
 Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	45.6	0.0	33.2#
203	18.5	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: 20.000 ng

RT: 13.79 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Instrument :

BNA_F

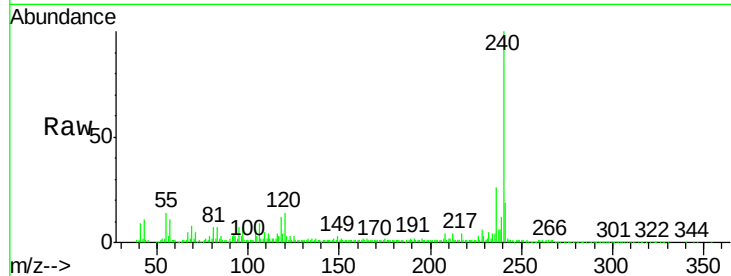
ClientSampleId :

OR-01-071117

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.4	20.5	30.7

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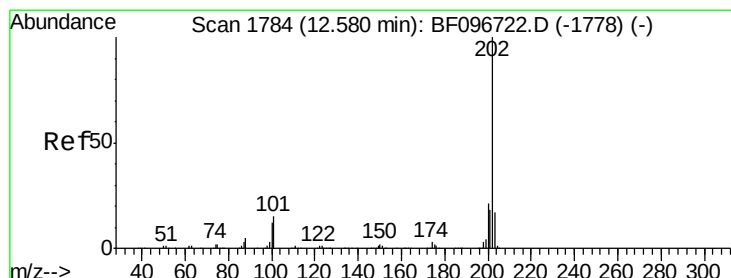
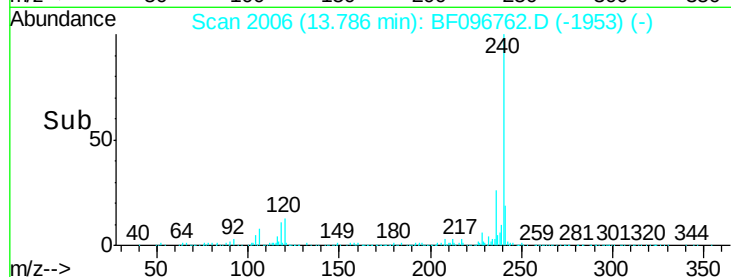
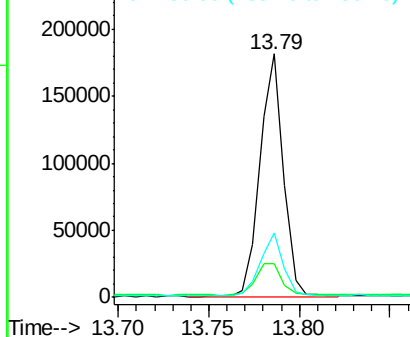
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.653 ng

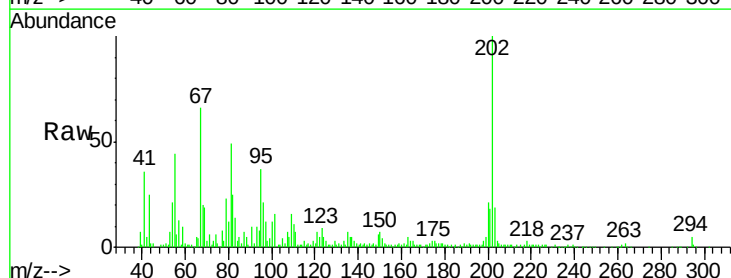
RT: 12.59 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

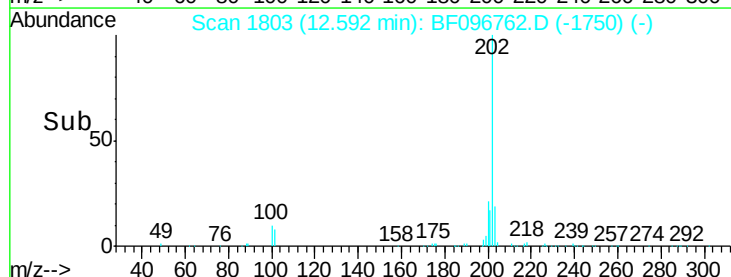
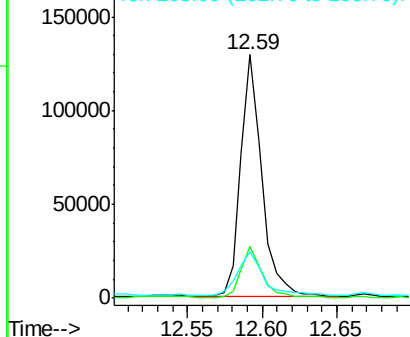
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	19.1	14.4	21.6

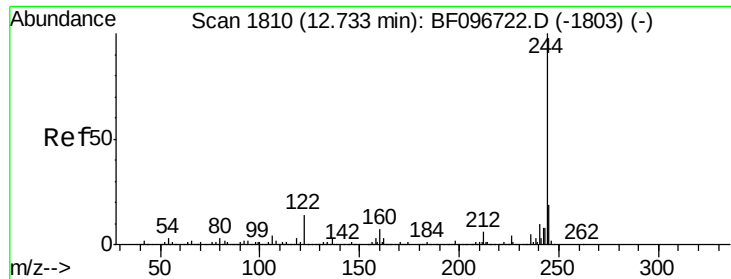


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 35.590 ng

RT: 12.74 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF096762.D

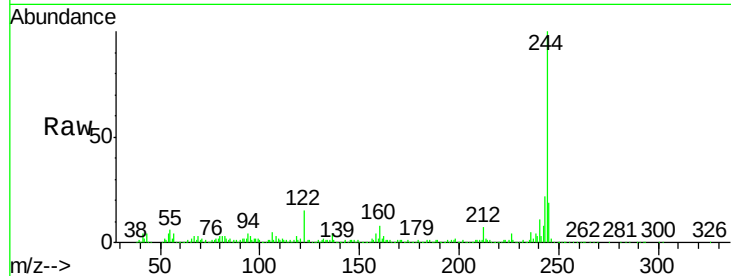
Acq: 14 Jul 2017 7:23

Instrument :

BNA_F

ClientSampled :

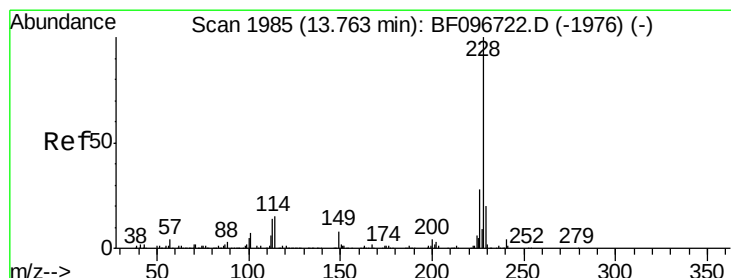
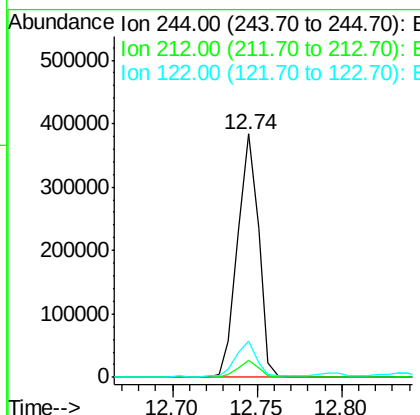
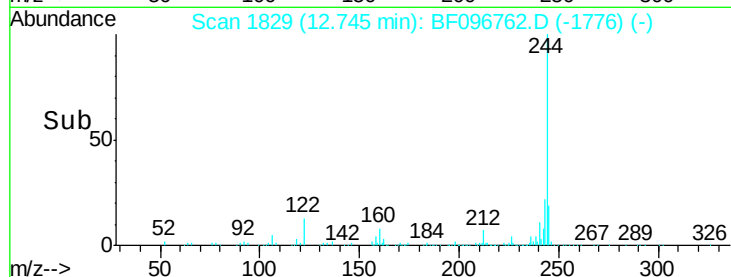
OR-01-071117



Tgt Ion:	244	Resp:	333169
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5

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#80

Benzo(a)anthracene

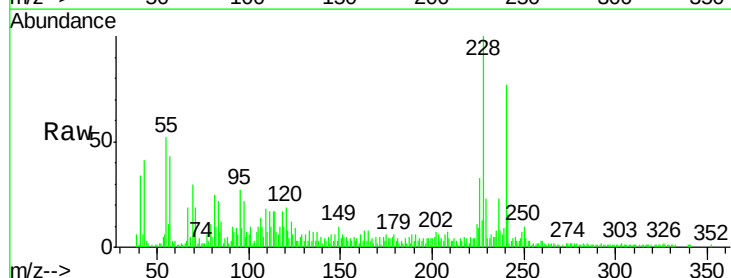
Concen: 4.540 ng

RT: 13.77 min Scan# 2004

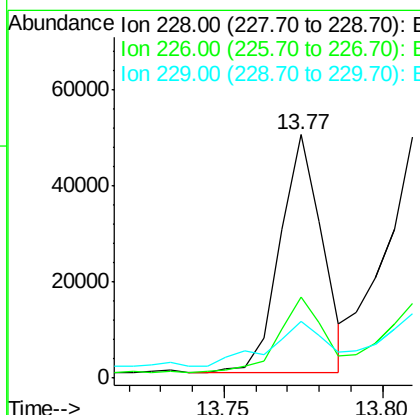
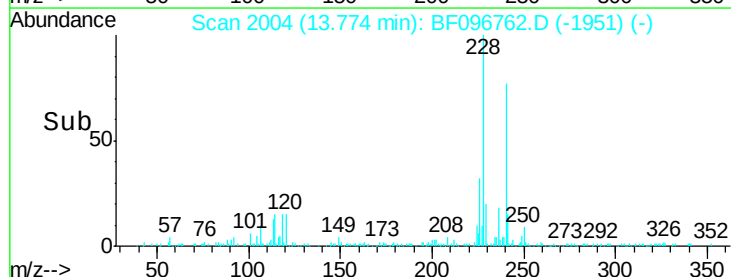
Delta R.T. 0.01 min

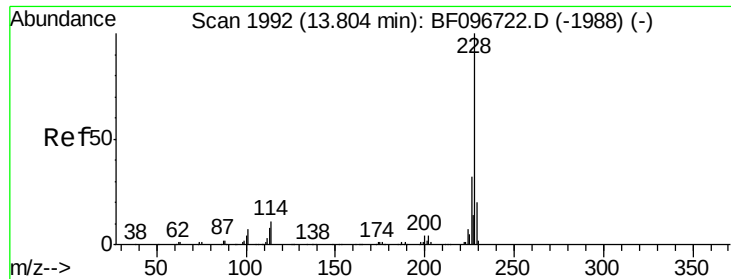
Lab File: BF096762.D

Acq: 14 Jul 2017 7:23



Tgt Ion:	228	Resp:	45921
Ion Ratio	Lower	Upper	
228	100		
226	33.1	22.6	33.8
229	23.1	16.3	24.5





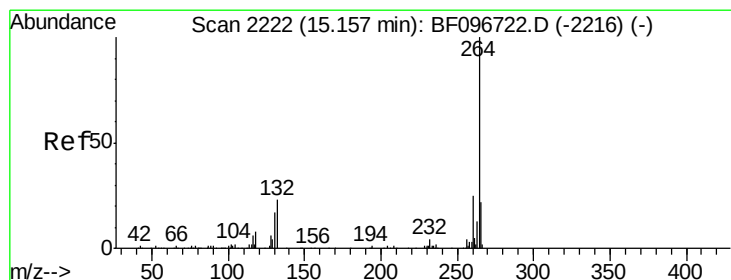
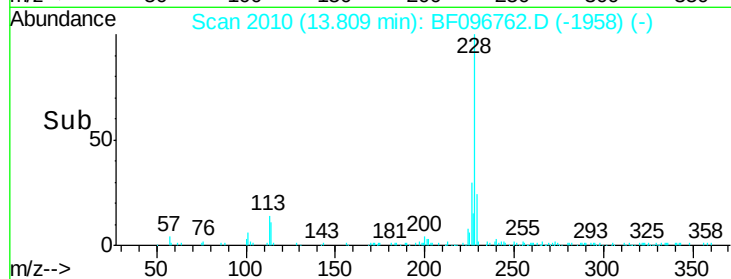
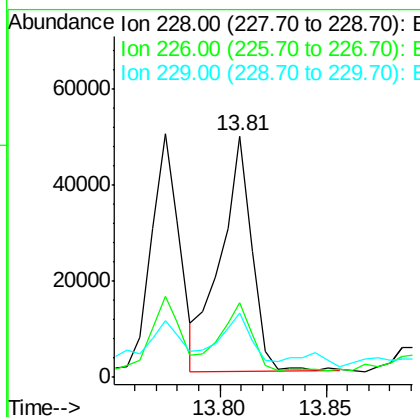
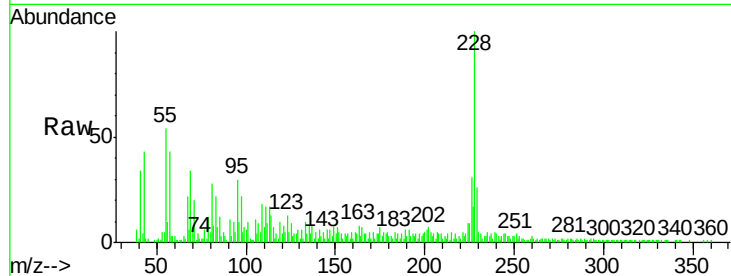
#82
Chrysene
Concen: 5.070 ng m
RT: 13.81 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	26.5	15.8	23.6

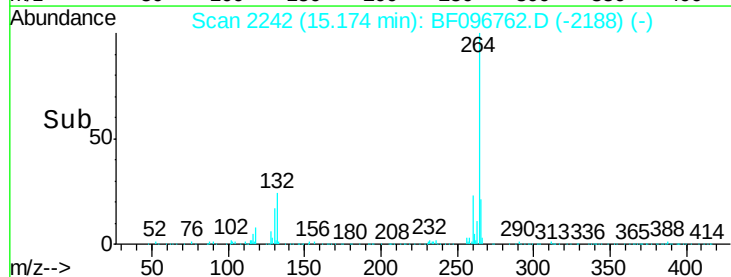
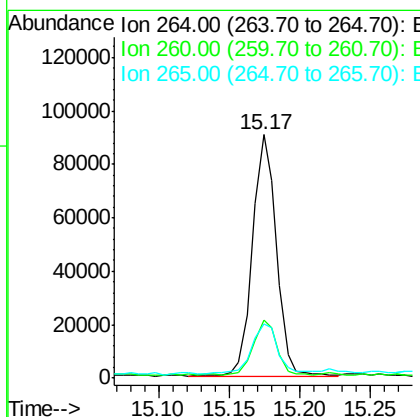
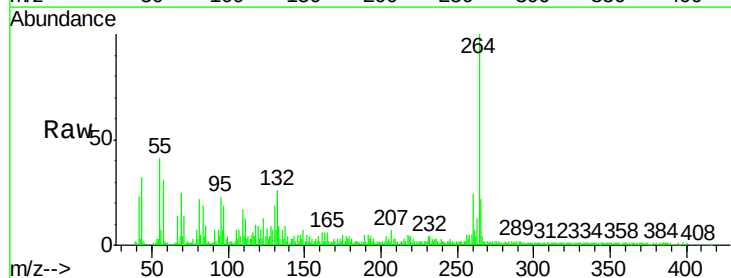
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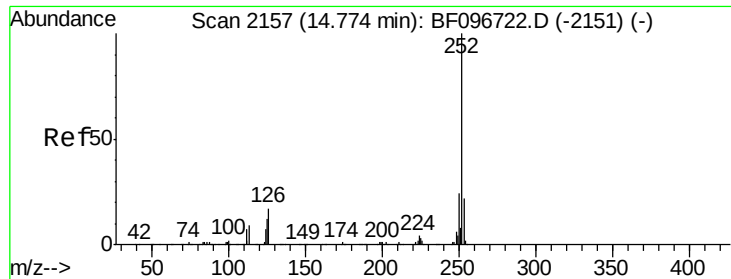
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.796 ng m

RT: 14.79 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Instrument :

BNA_F

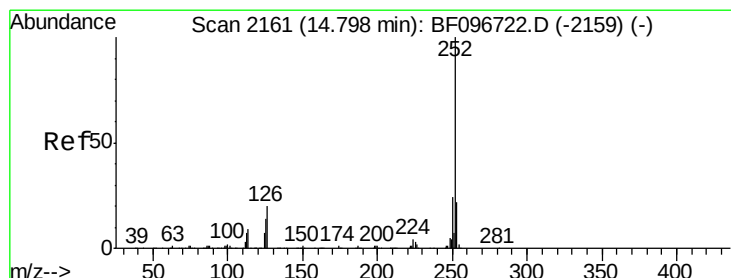
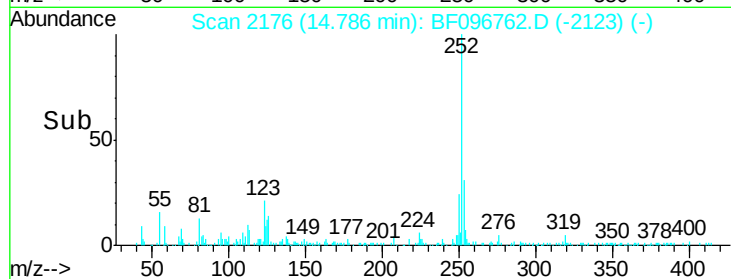
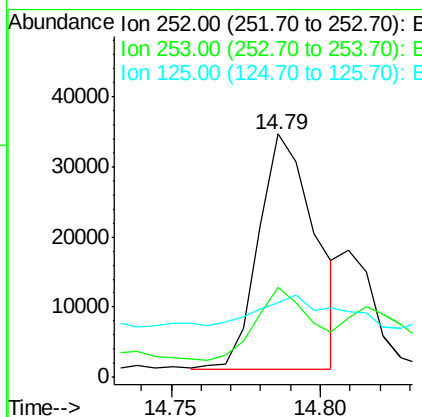
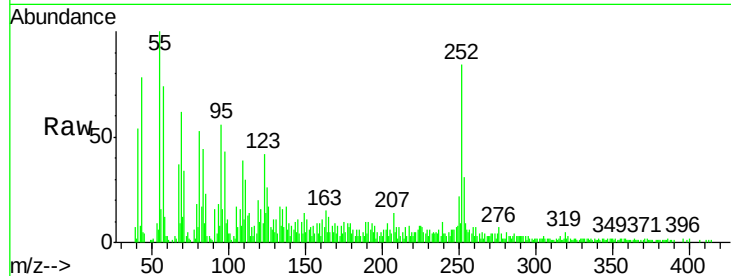
ClientSampleId :

OR-01-071117

Tgt Ion:	252	Resp:	44186
Ion Ratio	Lower	Upper	
252	100		
253	37.0	18.1	27.1#
125	30.6	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 2.345 ng m

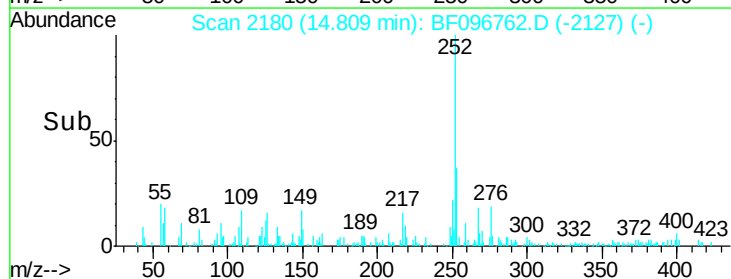
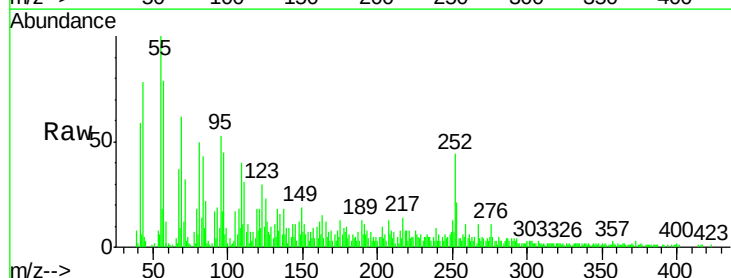
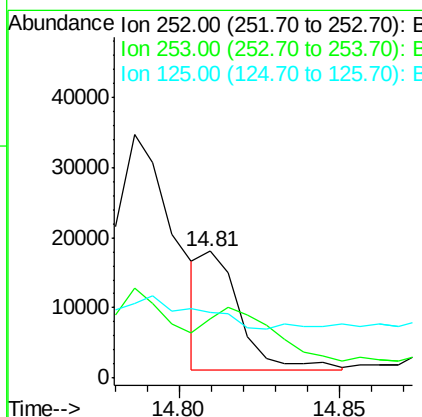
RT: 14.81 min Scan# 2180

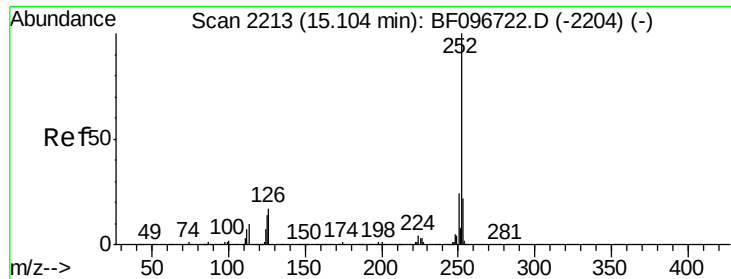
Delta R.T. 0.01 min

Lab File: BF096762.D

Acq: 14 Jul 2017 7:23

Tgt Ion:	252	Resp:	14440
Ion Ratio	Lower	Upper	
252	100		
253	46.9	18.4	27.6#
125	51.4	13.1	19.7#





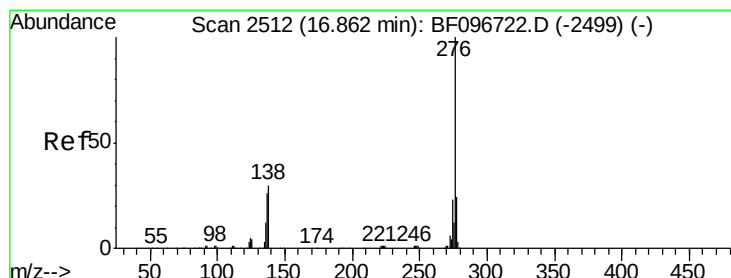
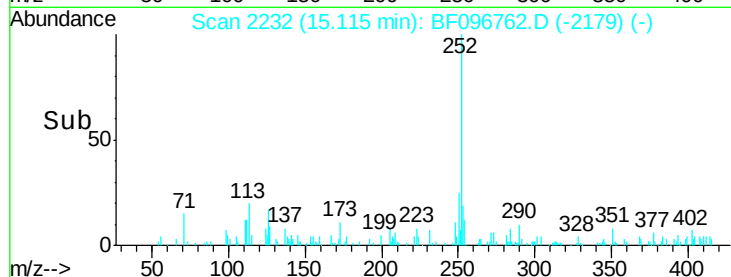
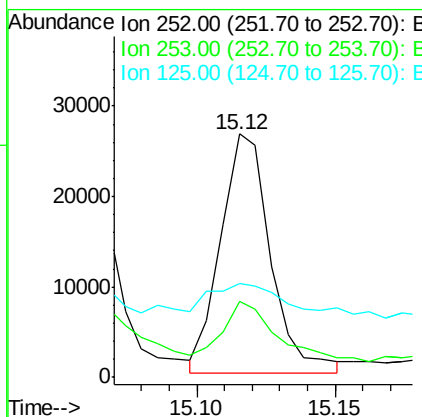
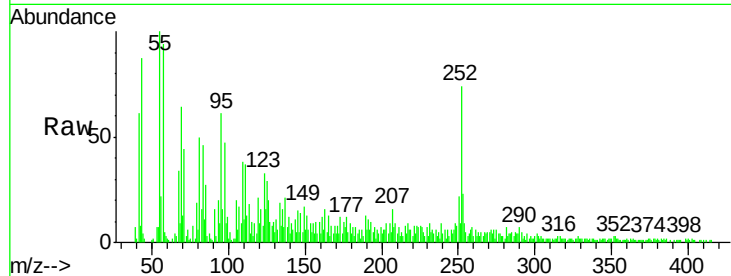
#89
Benzo(a)pyrene
Concen: 5.567 ng m
RT: 15.12 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.5	26.3#
125	38.5	11.0	16.4#

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#91
Benzo(g,h,i)perylene
Concen: 3.944 ng m
RT: 16.90 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.6	28.0#
138	41.2	25.4	38.0#

