

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096745.D
 Acq On : 13 Jul 2017 23:30
 Operator : SJ/JU
 Sample : I4146-03 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Manual Integrations
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Quant Time: Jul 14 12:41:20 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	6.63	152	94666	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	346380	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	124451	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	184426	20.00	ng	0.00
75) Chrysene-d12	13.77	240	174024	20.00	ng	0.00
86) Perylene-d12	15.16	264	125417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	250725	39.82	ng	0.00
7) Phenol-d6	6.27	99	359523	47.58	ng	0.00
23) Nitrobenzene-d5	7.19	82	202394	36.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	16085	15.14	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	351277	44.60	ng	0.00
78) Terphenyl-d14	12.73	244	230708	22.99	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	73091	7.800	ng	98
70) Phenanthrene	11.17	178	45417	4.529	ng	98
74) Fluoranthene	12.35	202	41166	4.289	ng	98
77) Pyrene	12.57	202	40840	2.586	ng	99
85) Indeno(1,2,3-cd)pyrene	16.47	276	6583	3.970	ng	# 88

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

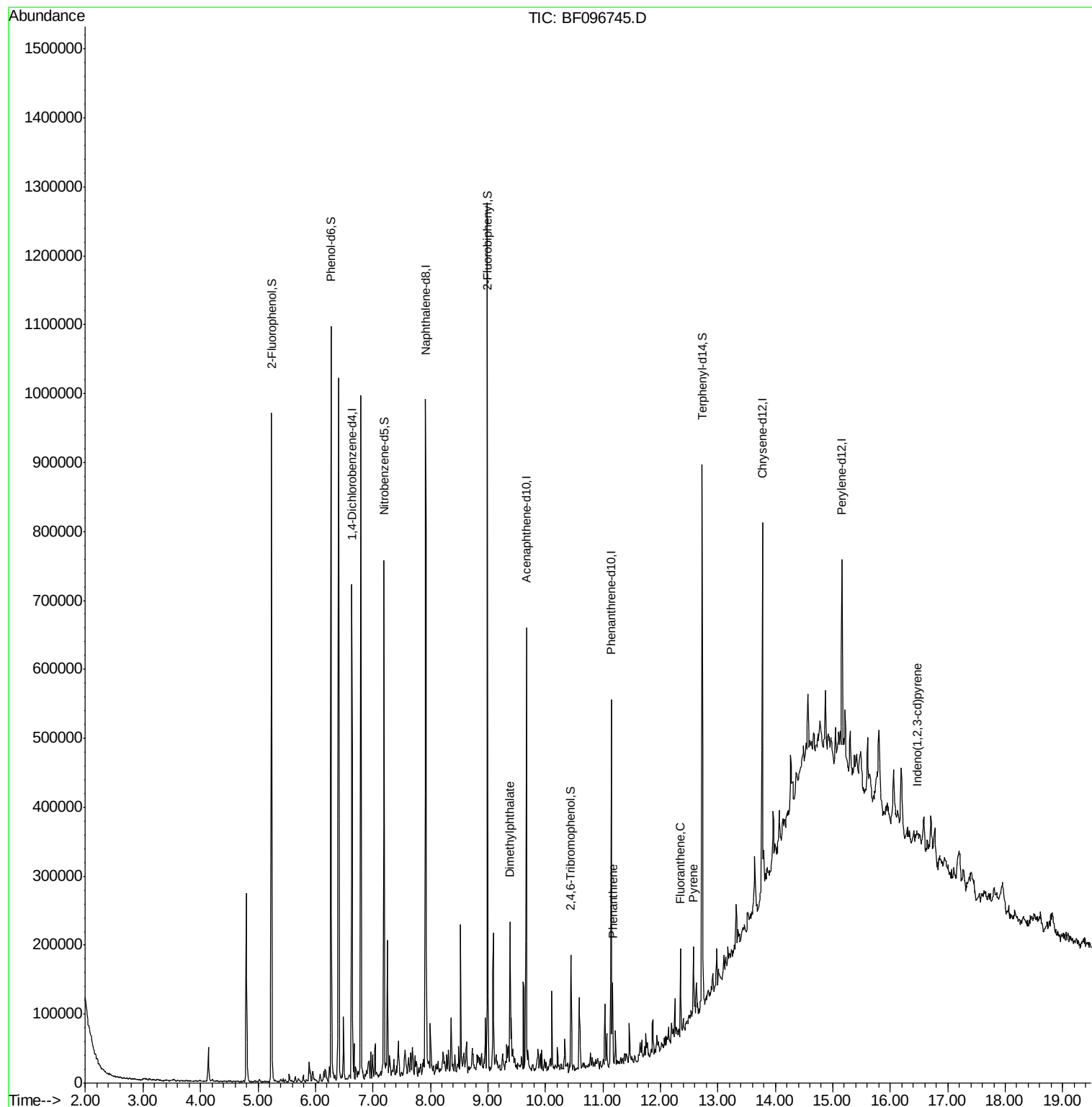
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096745.D
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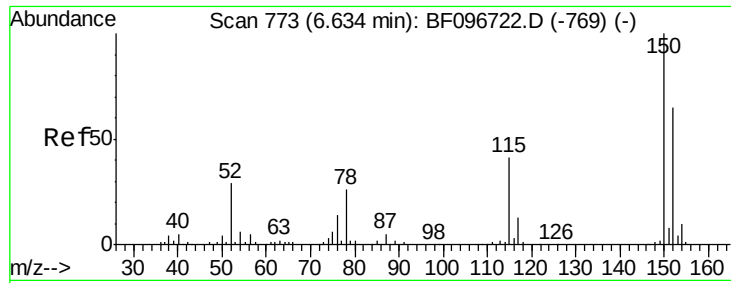
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

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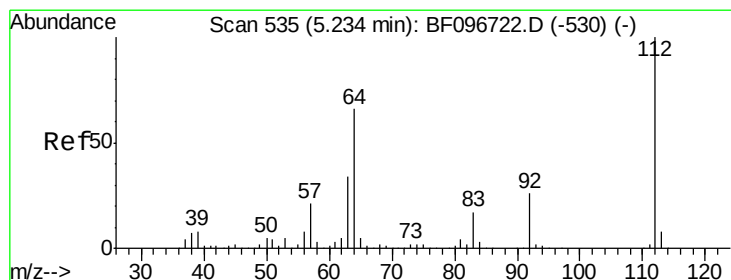
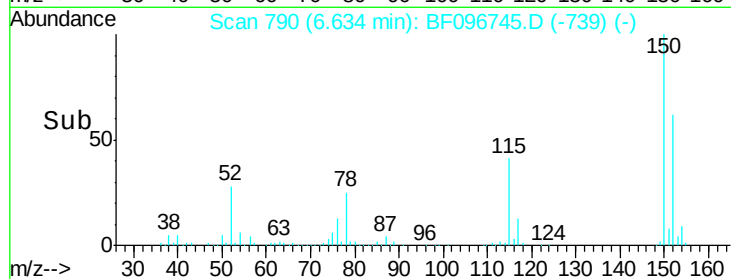
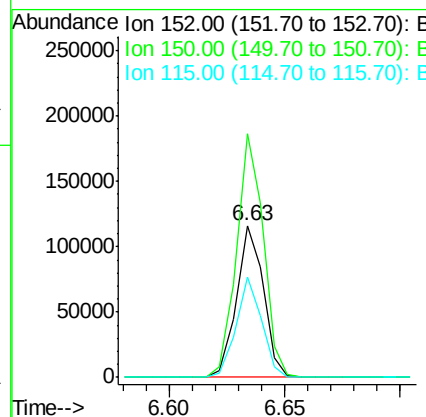
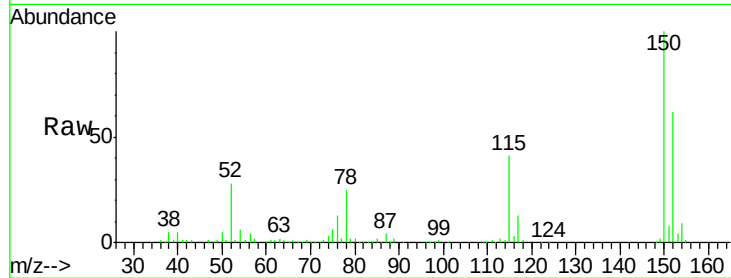
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096745.D
 Acq: 13 Jul 2017 23:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	66.2	52.2	78.2

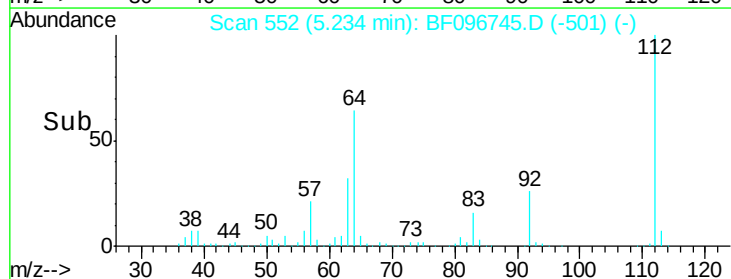
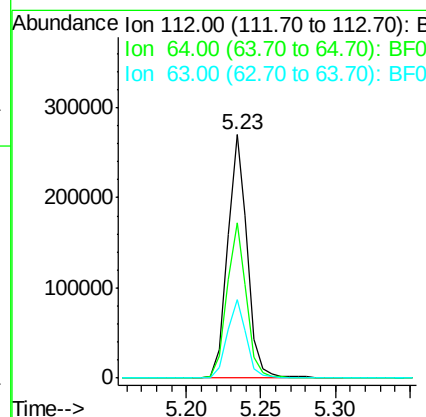
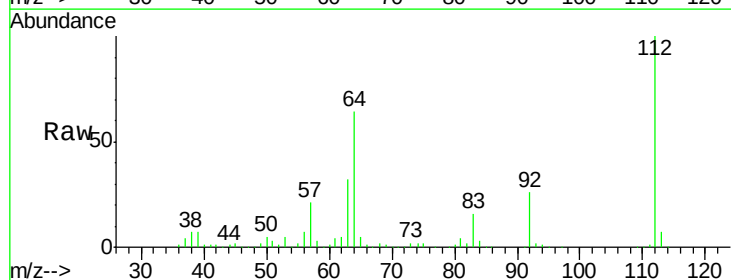
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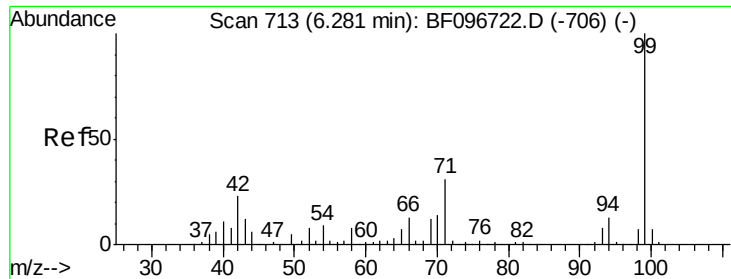
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#5
 2-Fluorophenol
 Concen: 39.823 ng
 RT: 5.23 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF096745.D
 Acq: 13 Jul 2017 23:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	32.3	23.4	35.0





#7

Phenol-d6

Concen: 47.585 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096745.D

Acq: 13 Jul 2017 23:30

Instrument :

BNA_F

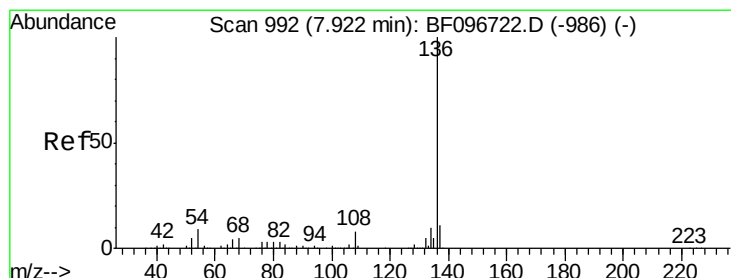
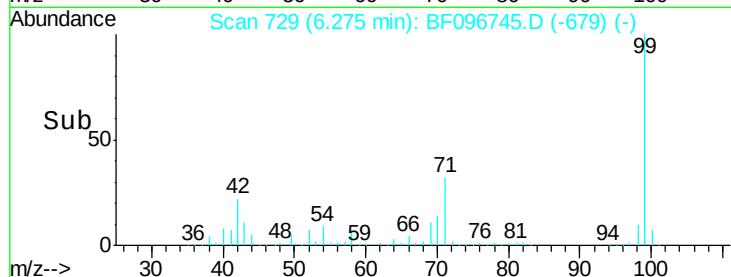
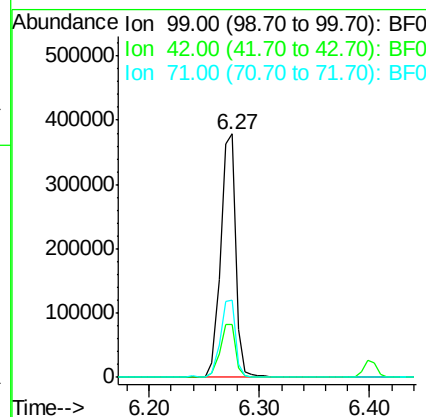
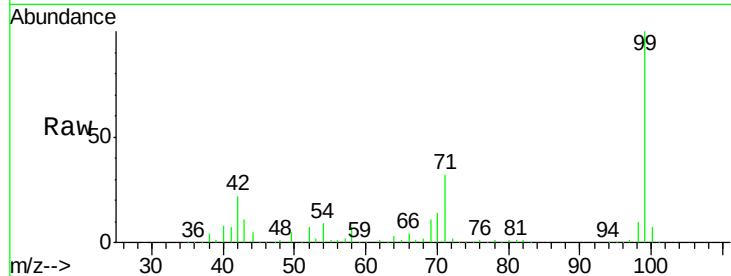
ClientSampleId :

FK-SF-03-001-B

Tgt Ion:	99	Resp:	359523
Ion Ratio	Lower	Upper	
99	100		
42	21.5	13.5	20.3#
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

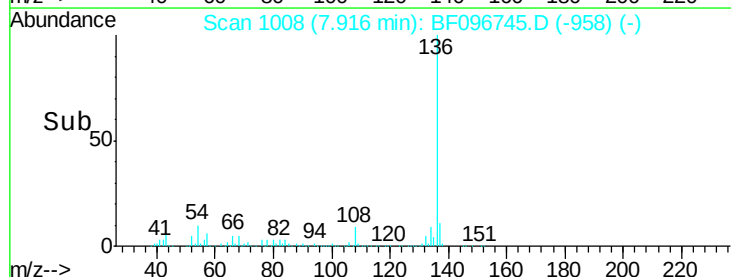
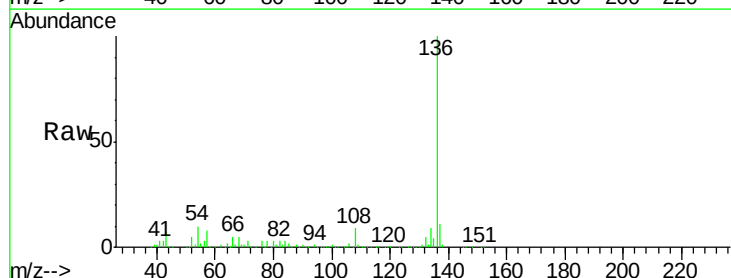
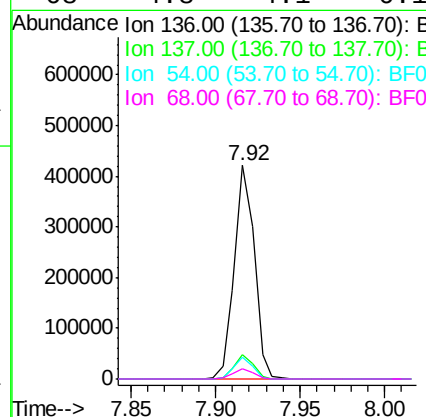
RT: 7.92 min Scan# 1008

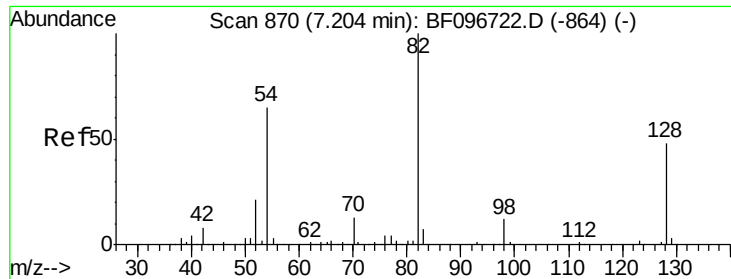
Delta R.T. -0.01 min

Lab File: BF096745.D

Acq: 13 Jul 2017 23:30

Tgt Ion:	136	Resp:	346380
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	10.0	4.9	7.3#
68	4.8	4.1	6.1





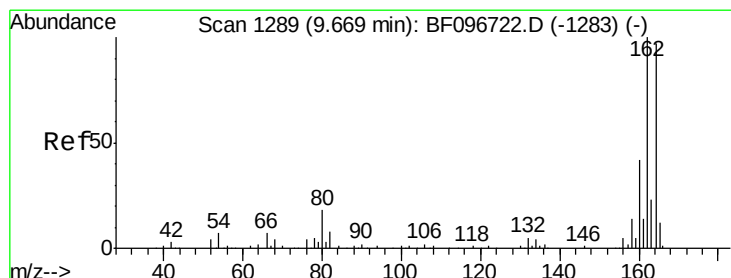
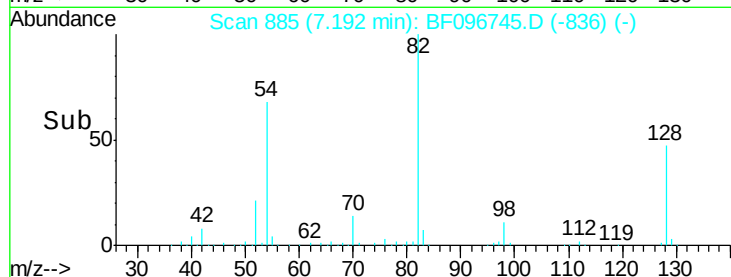
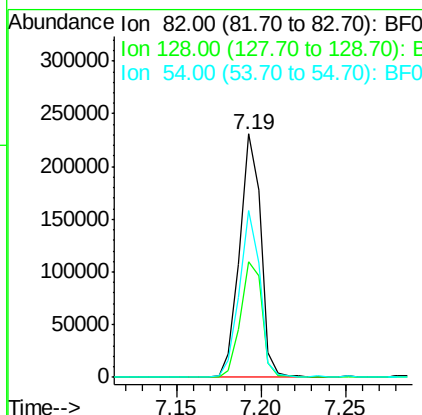
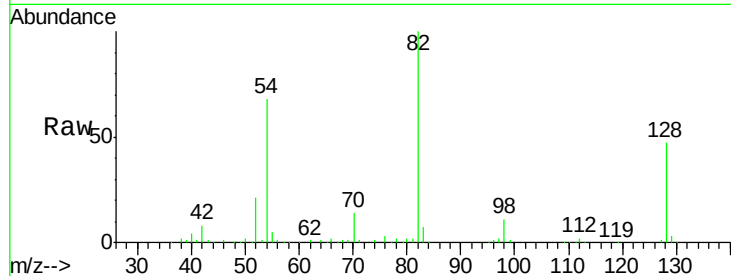
#23
 Nitrobenzene-d5
 Concen: 36.193 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096745.D
 Acq: 13 Jul 2017 23:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	202394		
128	47.5	34.0	51.0	
54	68.4	42.2	63.2	

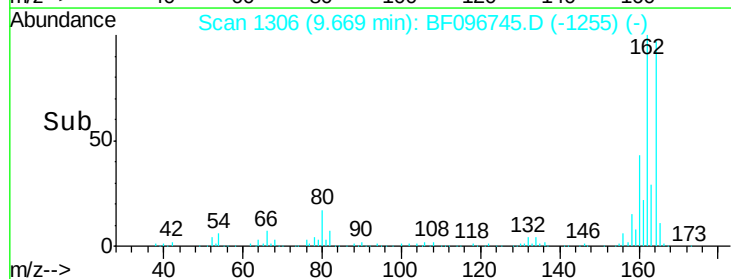
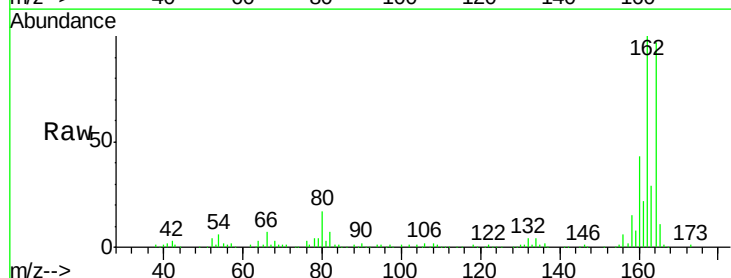
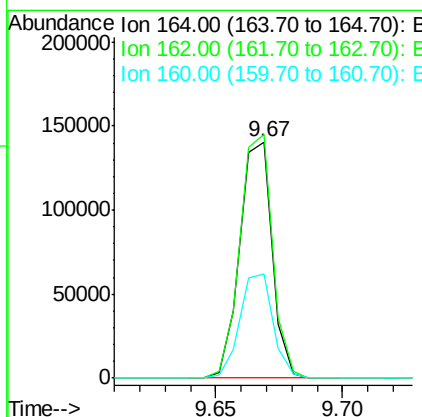
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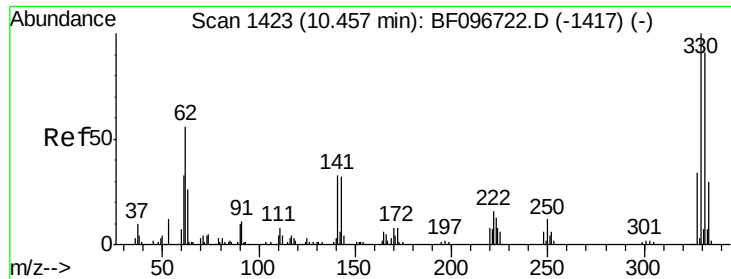
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096745.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124451		
162	103.0	82.6	123.8	
160	44.3	36.2	54.2	





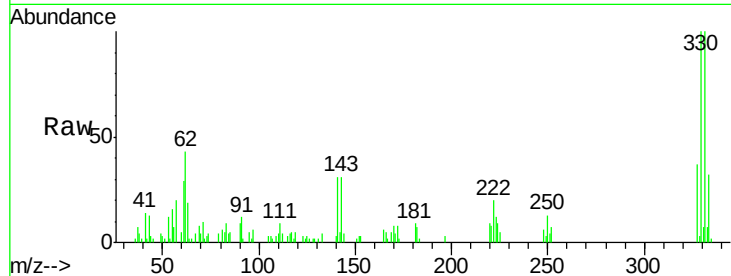
#41
 2,4,6-Tribromophenol
 Concen: 15.142 ng
 RT: 10.45 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096745.D
 Acq: 13 Jul 2017 23:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	16085		
332	98.7	76.6	115.0	
141	40.1	31.4	47.2	

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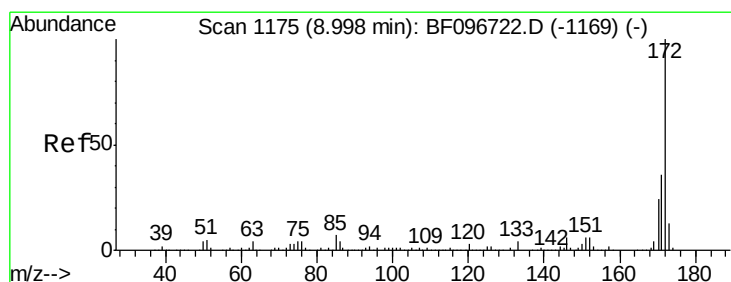
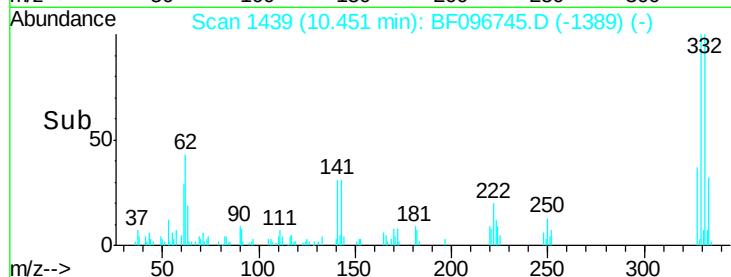
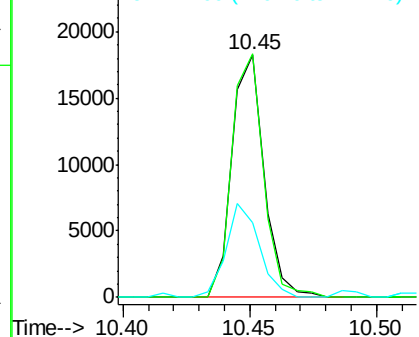


Abundance

Ion 329.80 (329.50 to 330.50): E

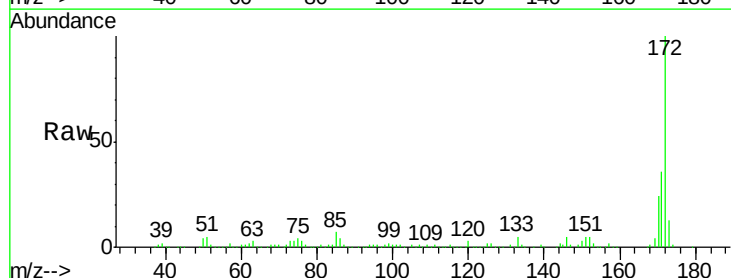
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 44.595 ng
 RT: 8.99 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096745.D
 Acq: 13 Jul 2017 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	351277		
171	35.9	29.6	44.4	
170	23.9	19.8	29.8	

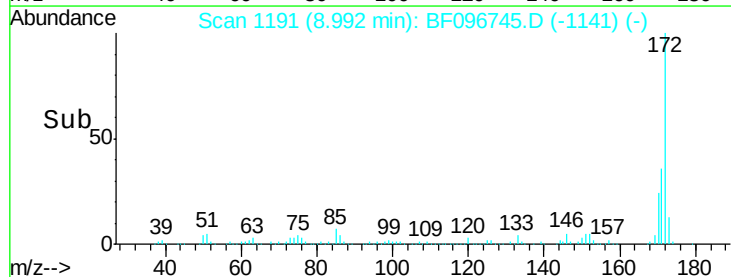
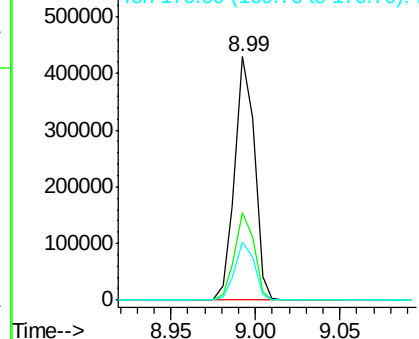


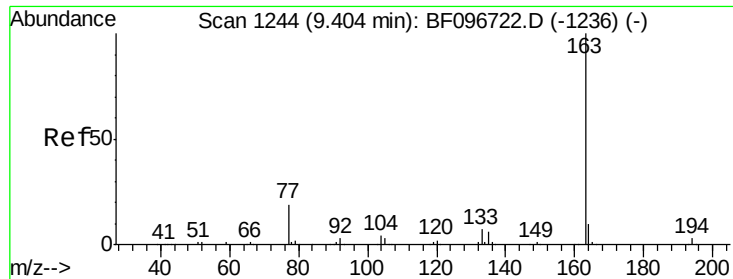
Abundance

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





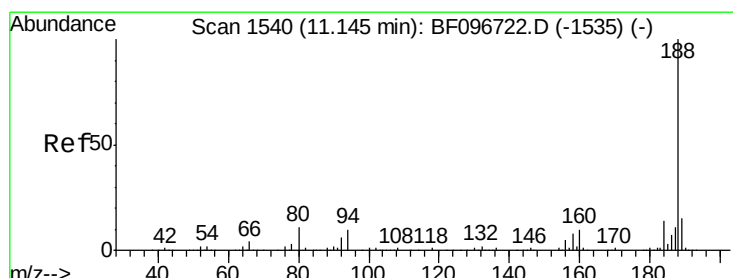
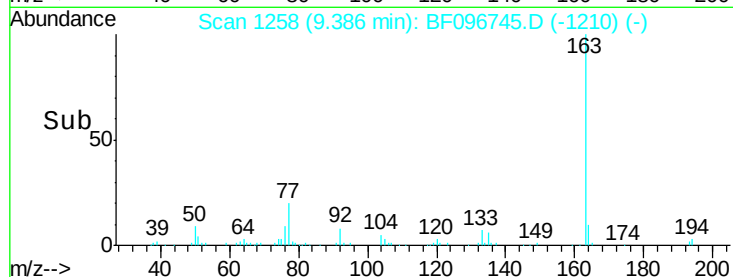
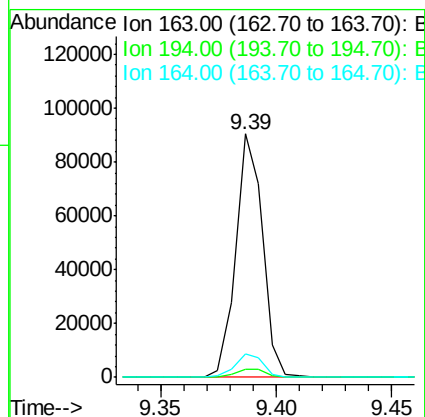
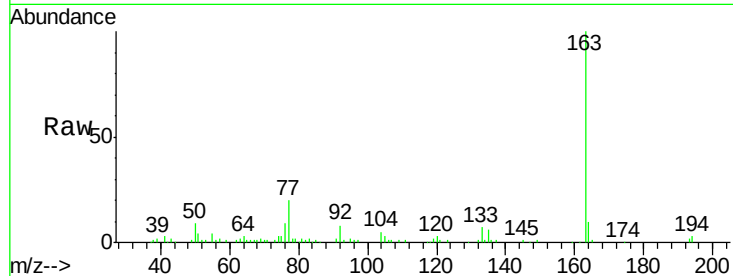
#49
Dimethylphthalate
Concen: 7.800 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	73091		
194	3.4		2.6	4.0
164	9.6		8.4	12.6

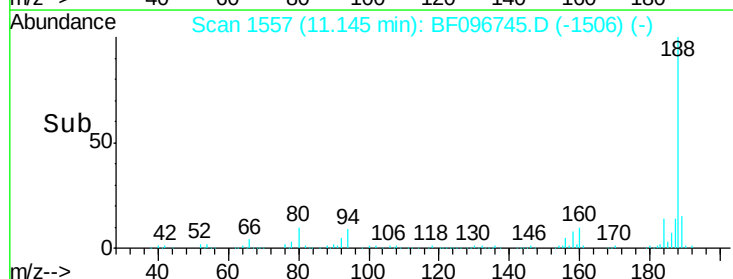
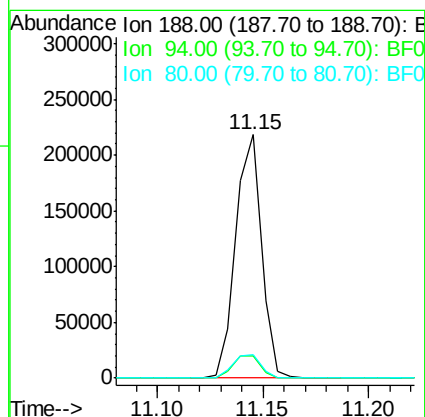
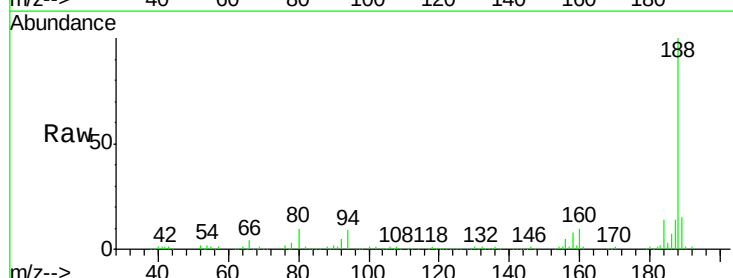
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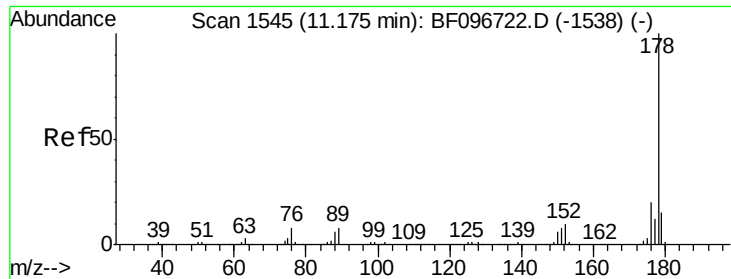
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

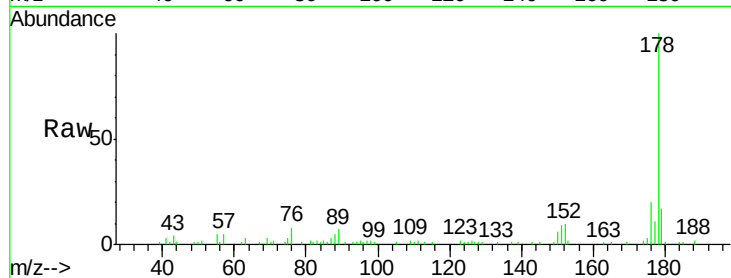
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	184426		
94	9.1		9.4	14.2#
80	9.7		10.2	15.2#





#70
Phenanthrene
Concen: 4.529 ng
RT: 11.17 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

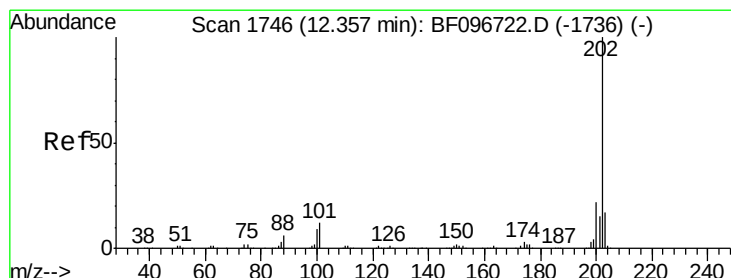
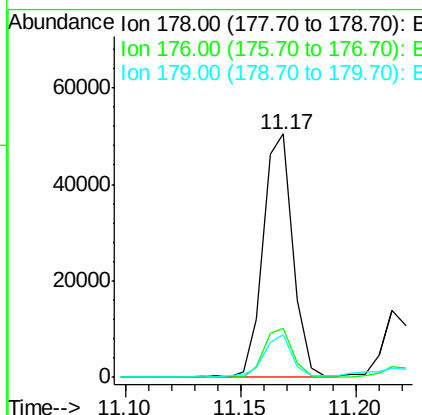
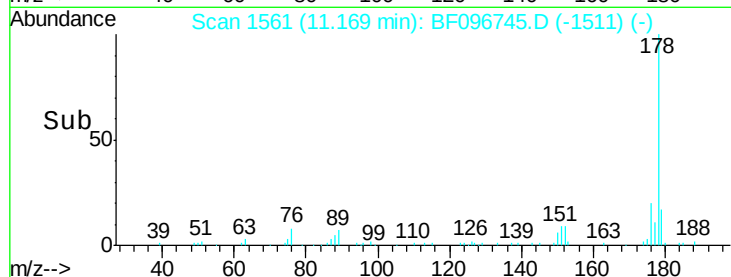
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:178 Resp: 45417
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 17.3 12.6 19.0

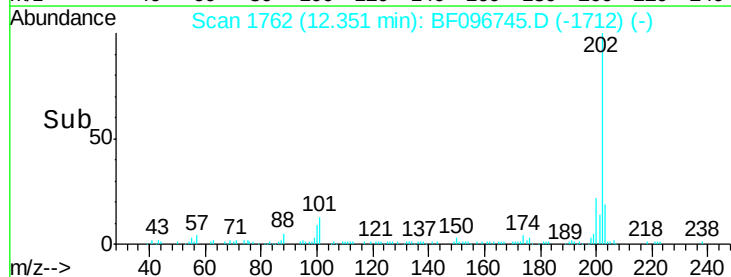
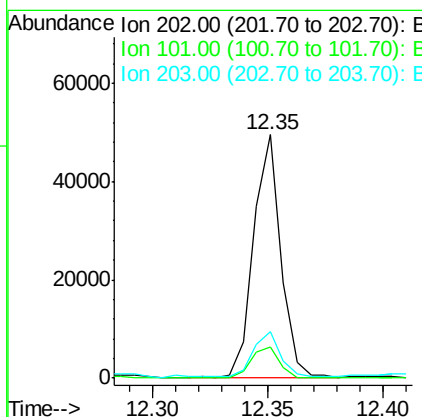
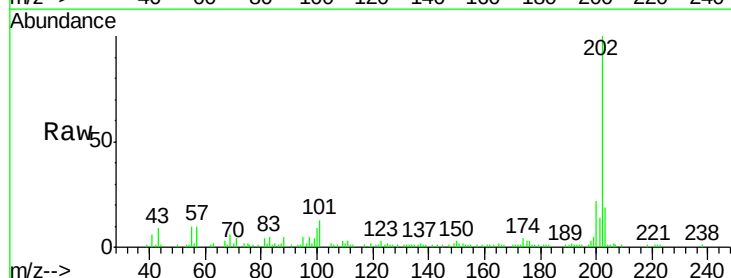
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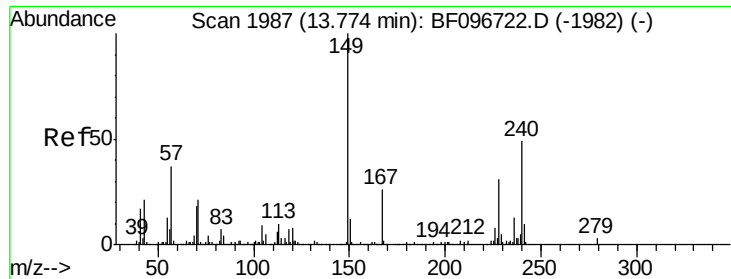
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#74
Fluoranthene
Concen: 4.289 ng
RT: 12.35 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

Tgt Ion:202 Resp: 41166
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 19.2 0.0 38.1





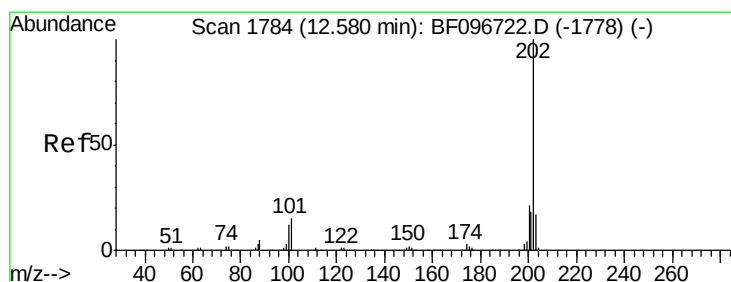
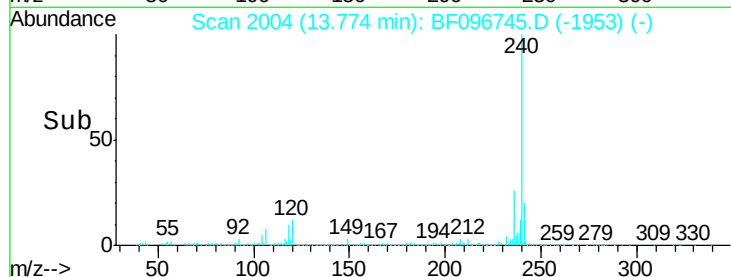
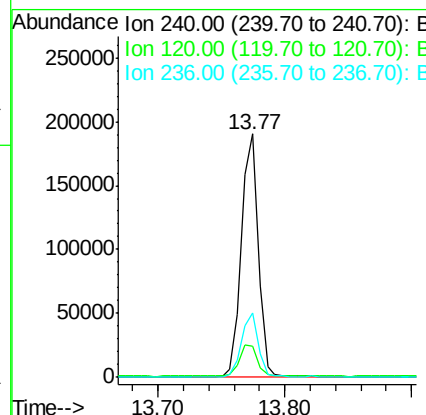
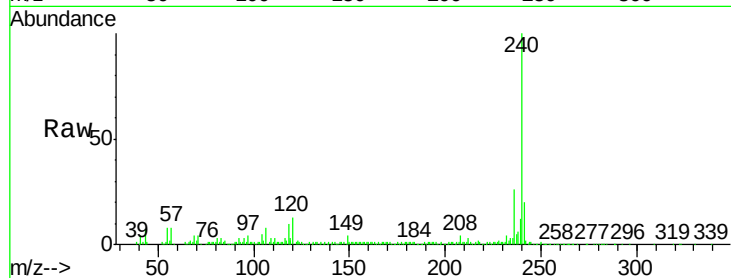
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.5	20.5	30.7

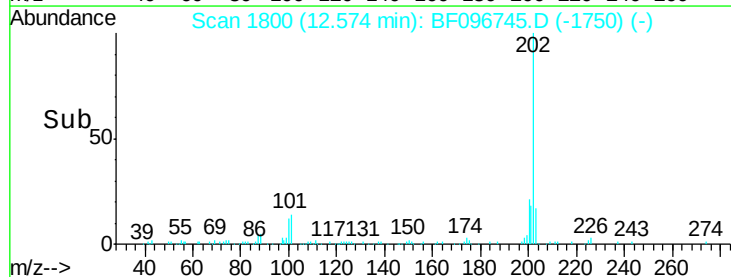
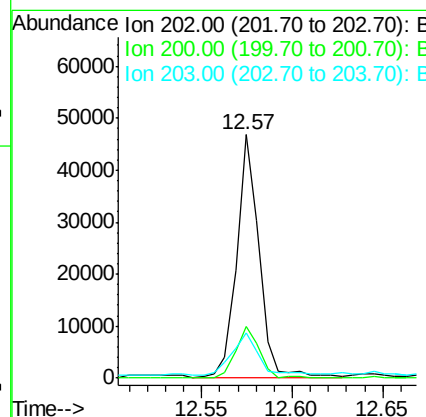
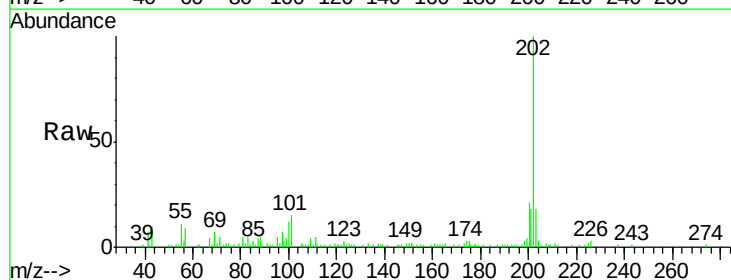
Manual Integrations
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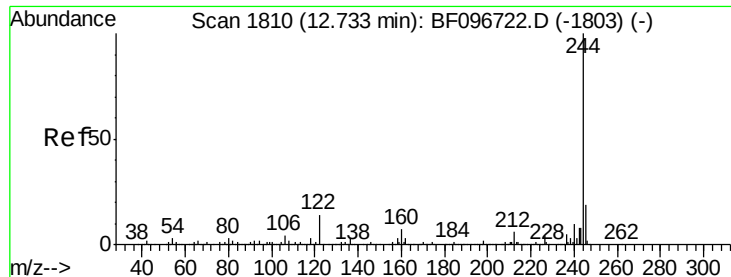
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#77
Pyrene
Concen: 2.586 ng
RT: 12.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.4	14.4	21.6





#78

Terphenyl-d14

Concen: 22.992 ng

RT: 12.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096745.D

Acq: 13 Jul 2017 23:30

Instrument :

BNA_F

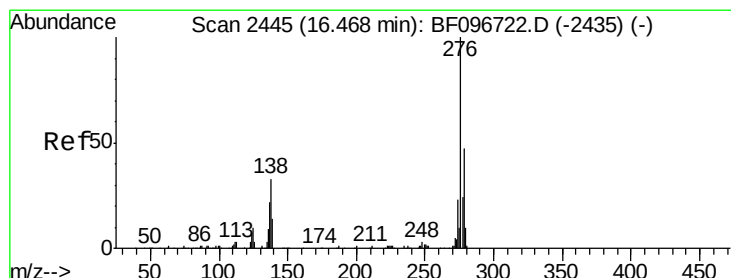
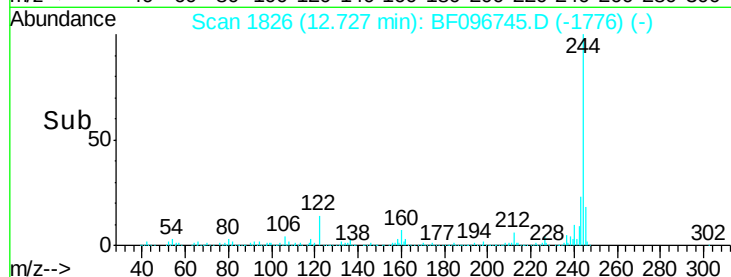
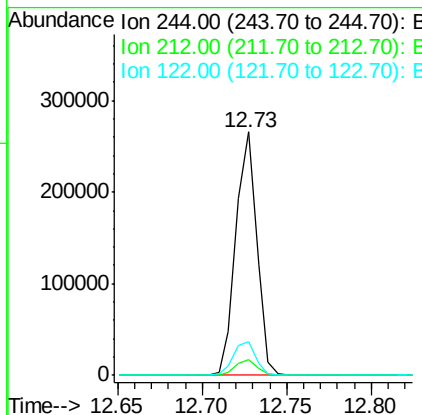
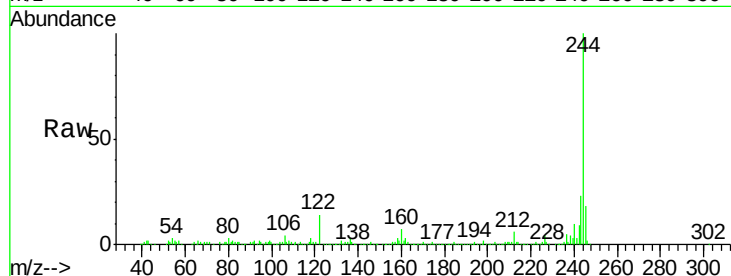
ClientSampleId :

FK-SF-03-001-B

Tgt Ion:	244	Resp:	230708
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	14.1	10.3	15.5

Manual Integrations
APPROVED

mohammad
7/17/2017 8:11:52 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.970 ng

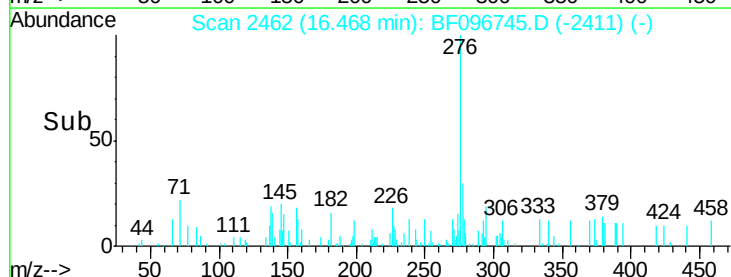
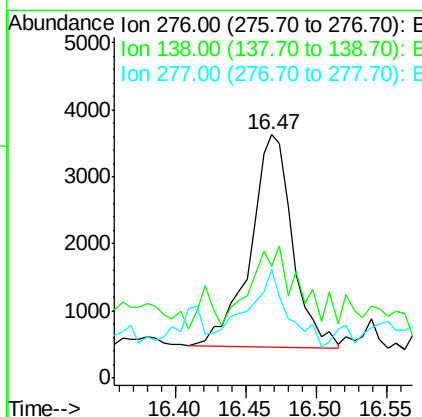
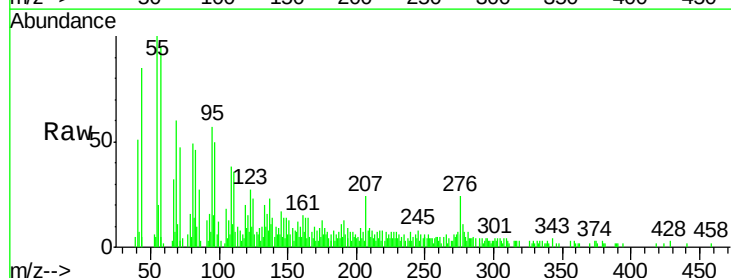
RT: 16.47 min Scan# 2462

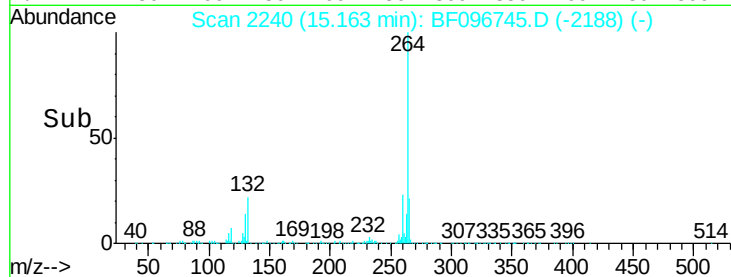
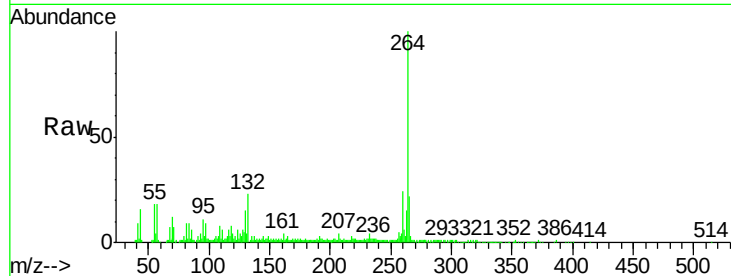
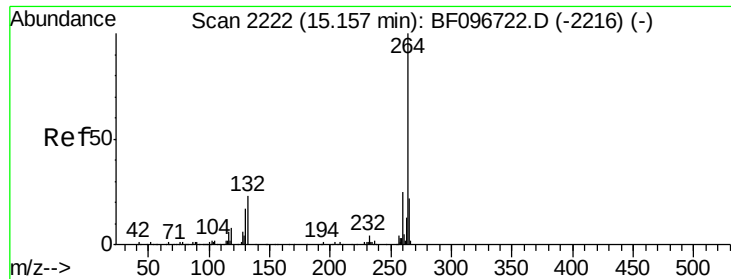
Delta R.T. 0.00 min

Lab File: BF096745.D

Acq: 13 Jul 2017 23:30

Tgt Ion:	276	Resp:	6583
Ion Ratio	Lower	Upper	
276	100		
138	39.4	27.8	41.6
277	34.4	20.2	30.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096745.D
Acq: 13 Jul 2017 23:30

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/17/2017 8:11:52 AM

