

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096837.D
 Acq On : 18 Jul 2017 10:15
 Operator : SJ/JU
 Sample : I4203-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2017-07-13

Manual Integrations
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mohammad
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Quant Time: Jul 19 07:13:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	105896	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	454146	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	232440	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	406678	20.00	ng	0.00
75) Chrysene-d12	13.73	240	310235	20.00	ng	0.00
86) Perylene-d12	15.10	264	221429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	389118	55.25	ng	0.00
7) Phenol-d6	6.25	99	295460	34.96	ng	0.00
23) Nitrobenzene-d5	7.16	82	616020	84.02	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	232252	117.06	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1195384	81.25	ng	0.00
78) Terphenyl-d14	12.69	244	1051577	58.78	ng	0.00
Target Compounds						
74) Fluoranthene	11.79	202	86625m	4.093	ng	Qvalue # 81
77) Pyrene	12.09	202	81447m	2.893	ng	
79) Butylbenzylphthalate	12.96	149	117878	8.812	ng	98
80) Benzo(a)anthracene	13.55	228	56104m	2.902	ng	
82) Chrysene	13.59	228	77507	4.073	ng	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	212087	13.018	ng	
84) Di-n-octyl phthalate	14.32	149	63661	2.364	ng	# 37

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

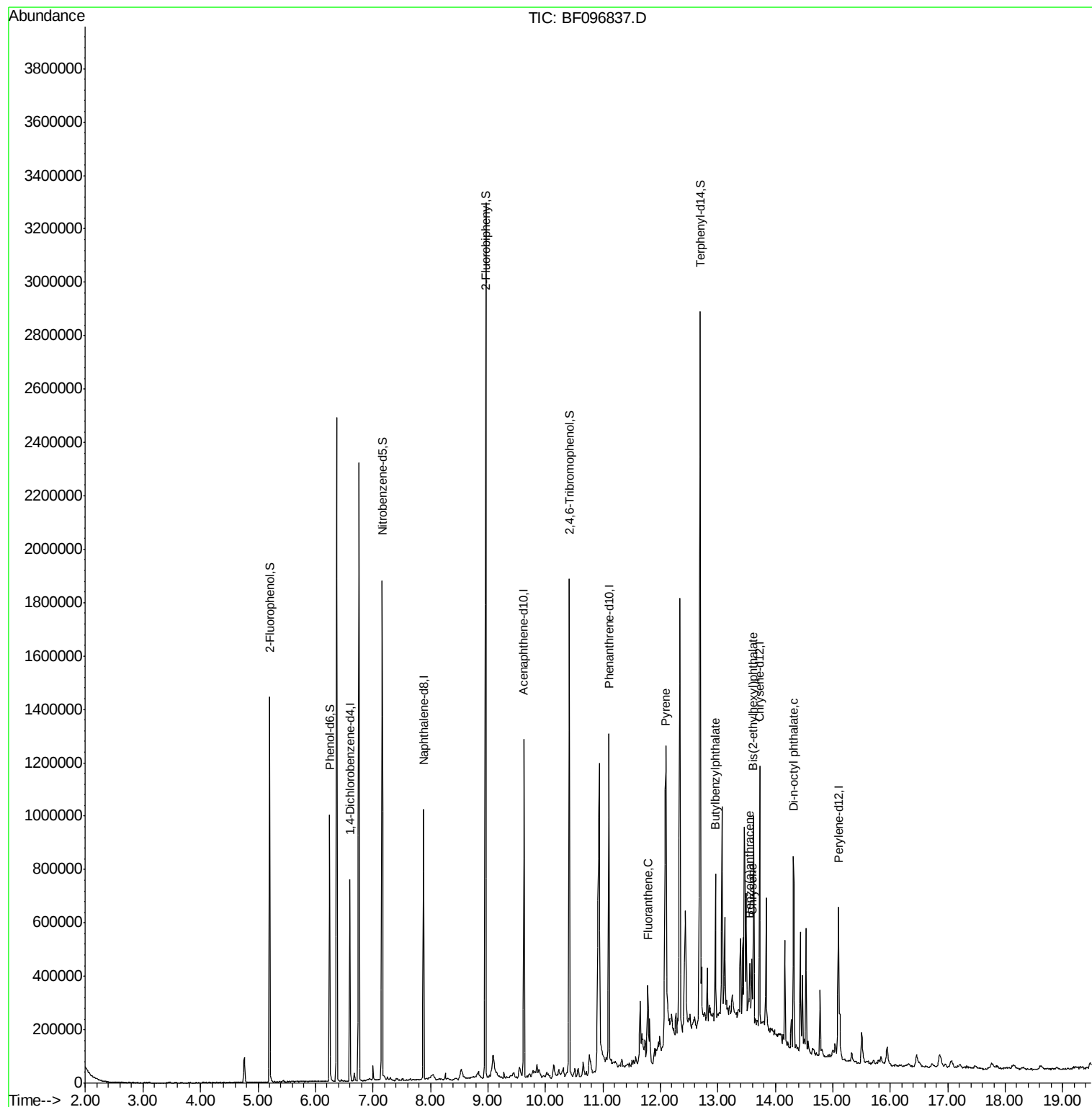
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096837.D
Acq On : 18 Jul 2017 10:15
Operator : SJ/JU
Sample : I4203-13
Misc :
ALS Vial : 3 Sample Multiplier: 1

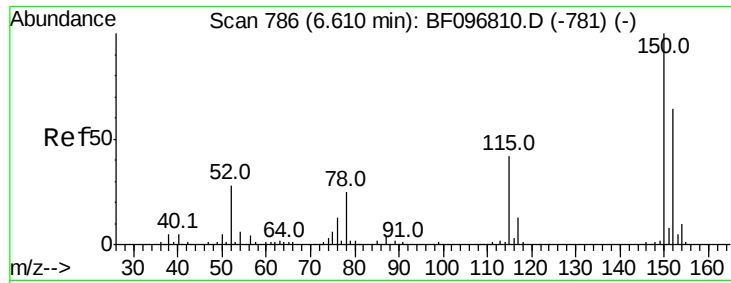
Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

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Quant Time: Jul 19 07:13:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

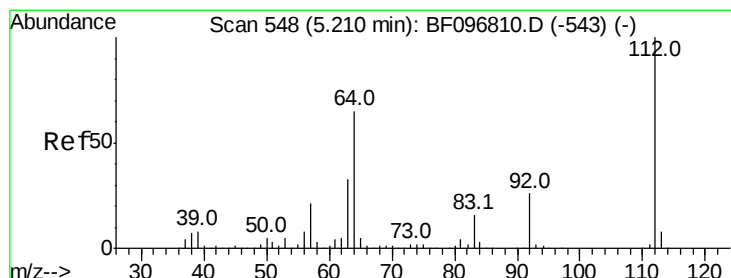
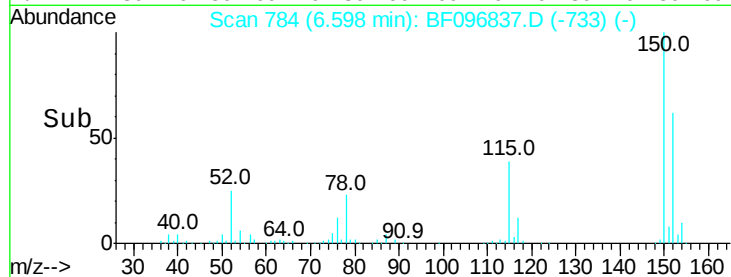
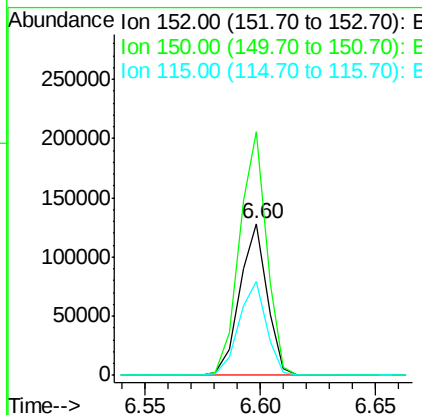
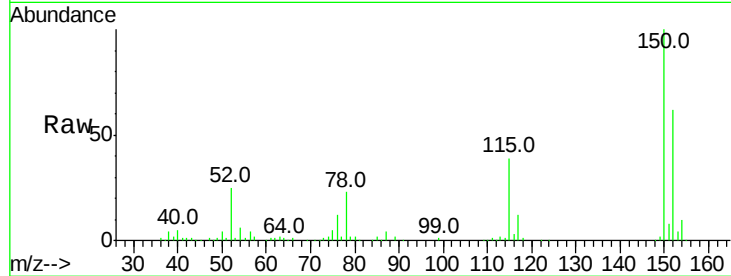
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	62.0	52.2	78.2

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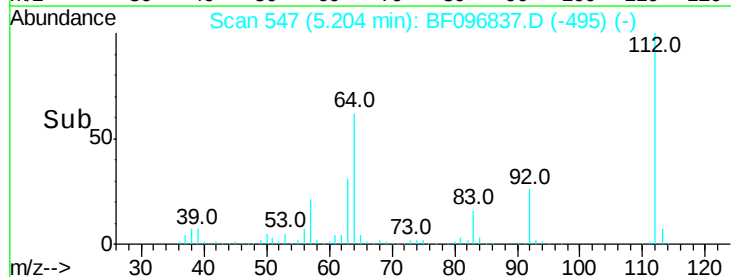
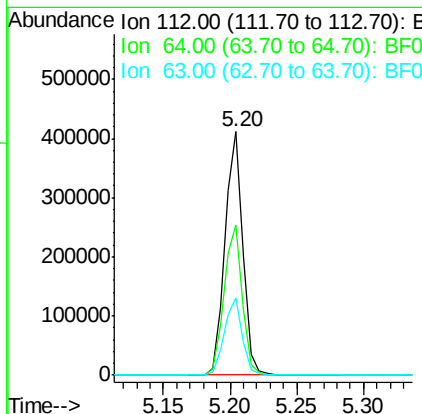
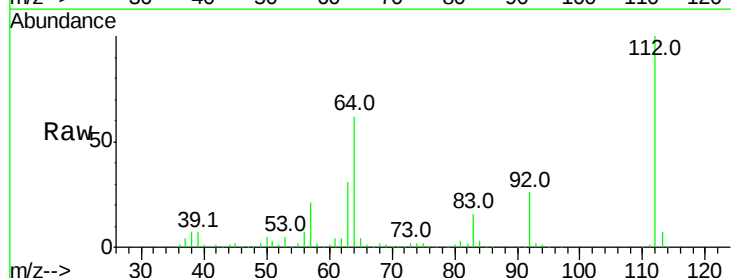
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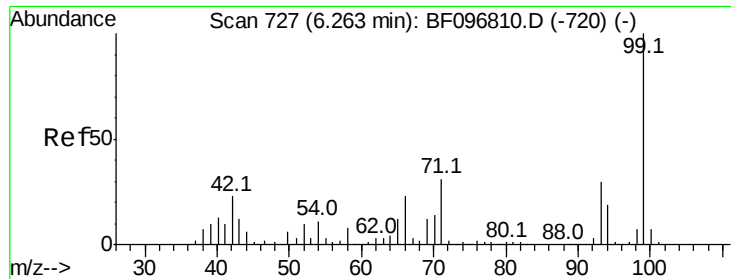


#5

2-Fluorophenol
Concen: 55.250 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.5	23.4	35.0





#7

Phenol-d6

Concen: 34.959 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096837.D

Acq: 18 Jul 2017 10:15

Instrument :

BNA_F

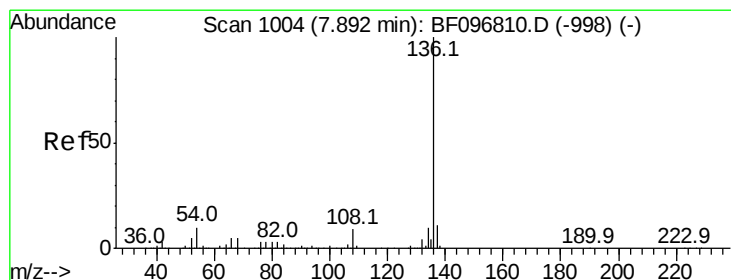
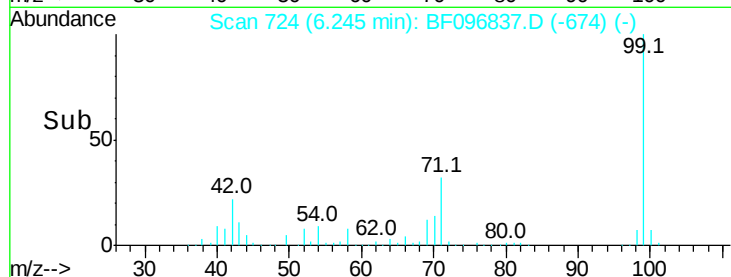
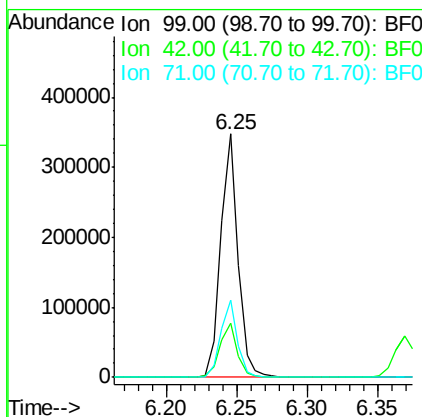
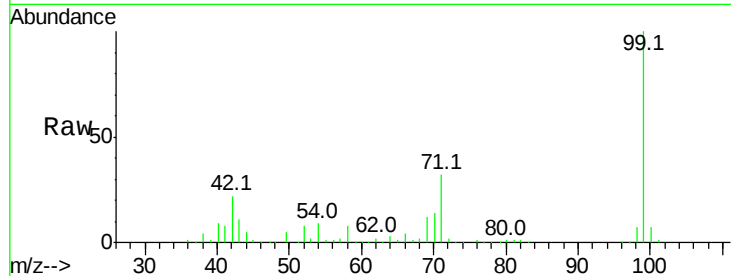
ClientSampleId :

EB-2017-07-13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		295460		
42	22.0	13.5	20.3#		
71	31.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

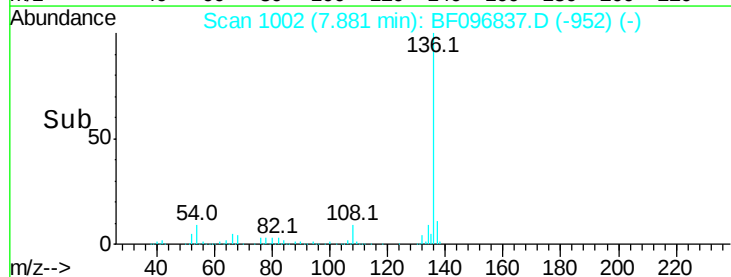
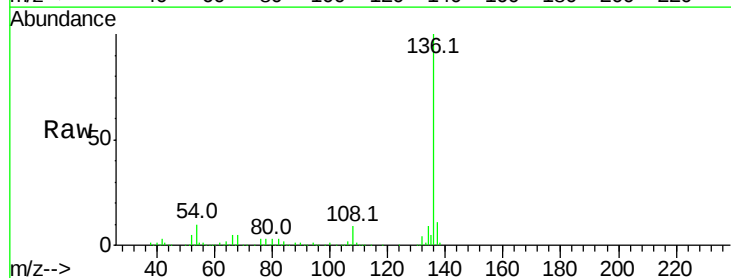
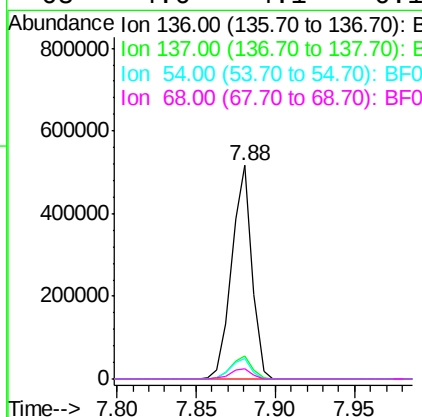
RT: 7.88 min Scan# 1002

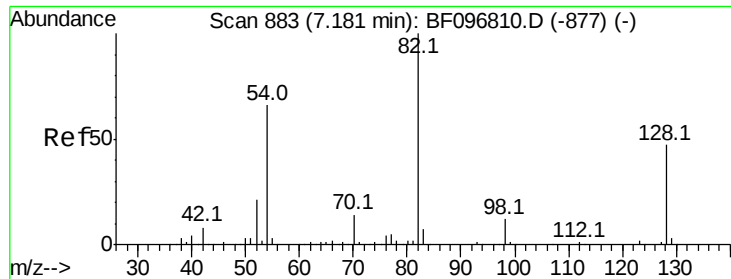
Delta R.T. -0.01 min

Lab File: BF096837.D

Acq: 18 Jul 2017 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		454146		
137	10.7	8.5	12.7		
54	9.5	4.9	7.3#		
68	4.6	4.1	6.1		





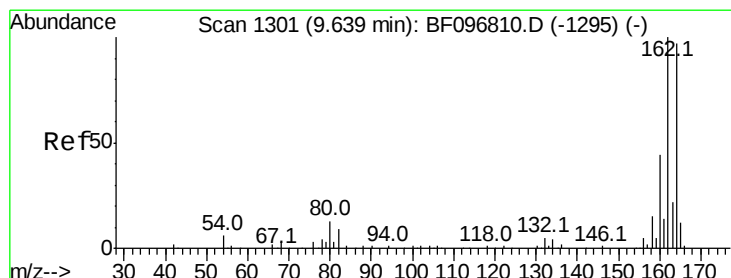
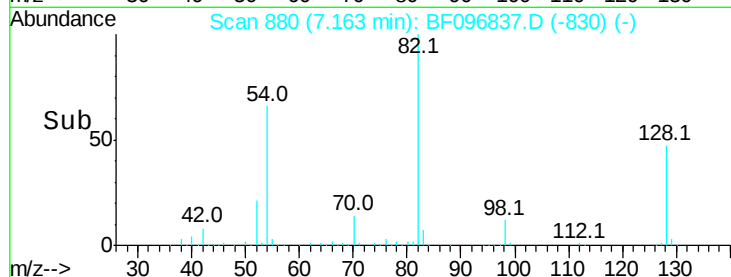
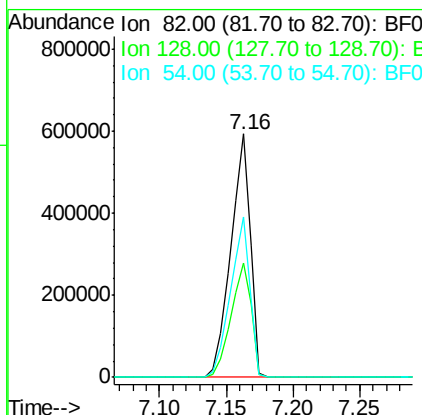
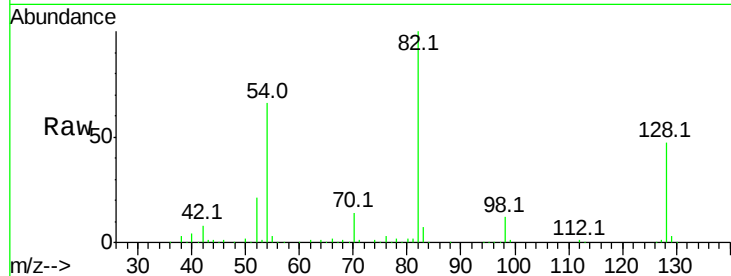
#23
Nitrobenzene-d5
Concen: 84.019 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	66.1	42.2	63.2	

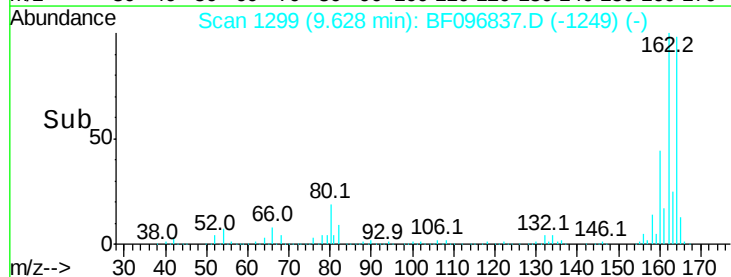
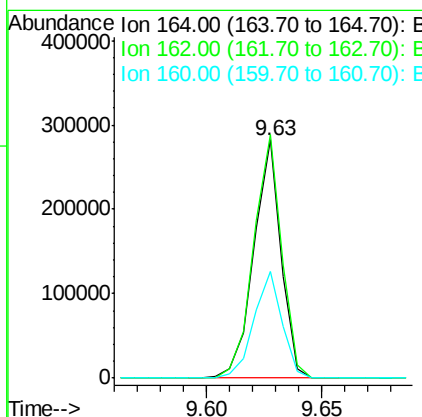
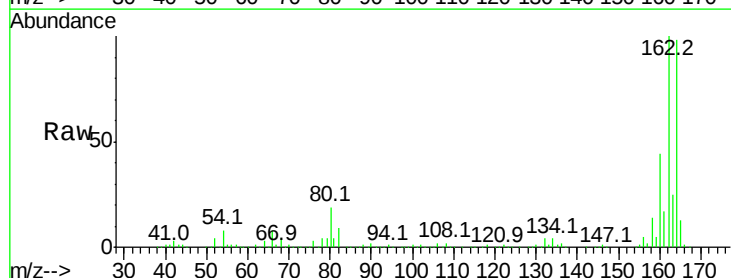
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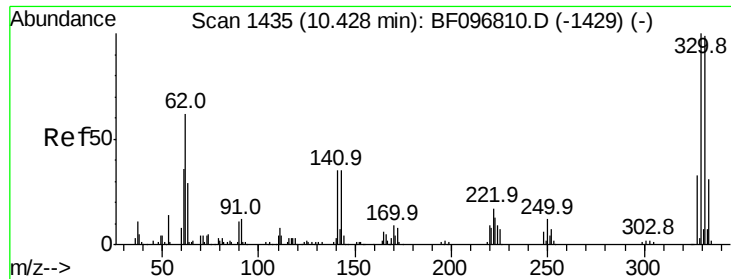
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.6	123.8	
160	44.7	36.2	54.2	





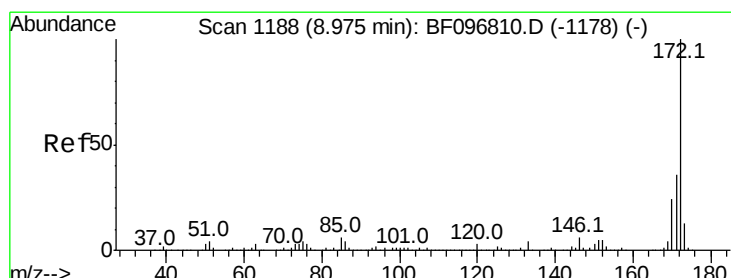
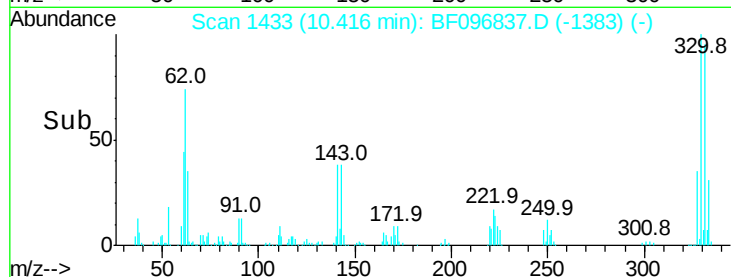
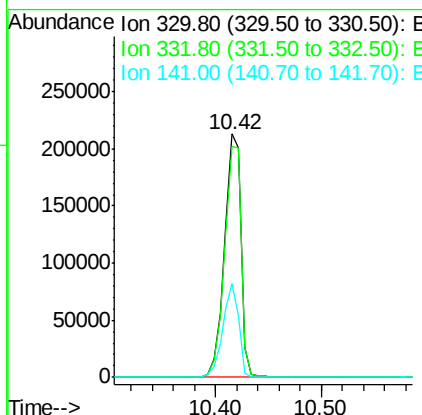
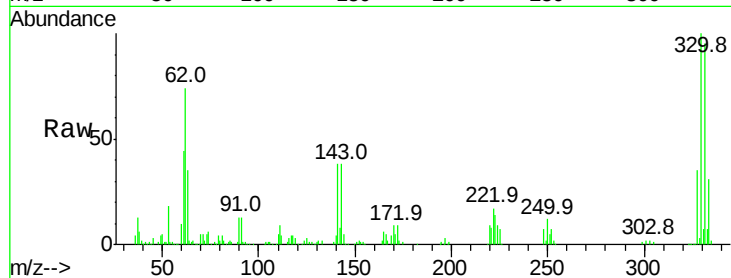
#41
 2,4,6-Tribromophenol
 Concen: 117.058 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 EB-2017-07-13

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232252		
332	96.3	76.6	115.0	
141	36.9	31.4	47.2	

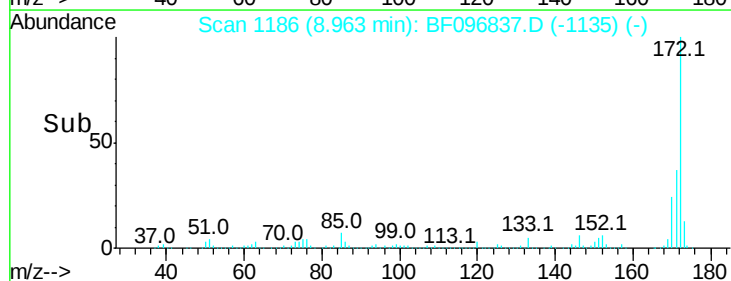
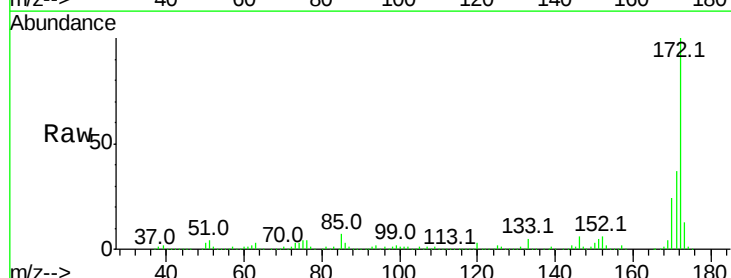
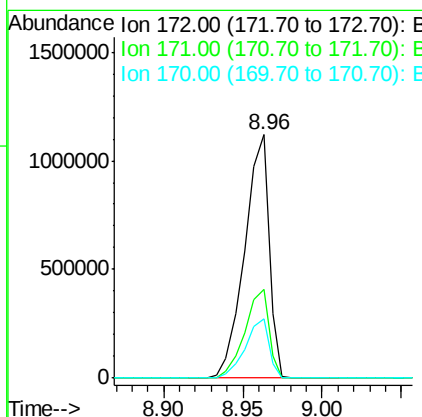
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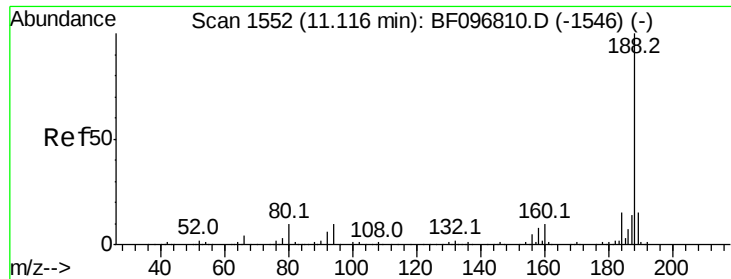
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#44
 2-Fluorobiphenyl
 Concen: 81.252 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1195384		
171	36.5	29.6	44.4	
170	24.3	19.8	29.8	





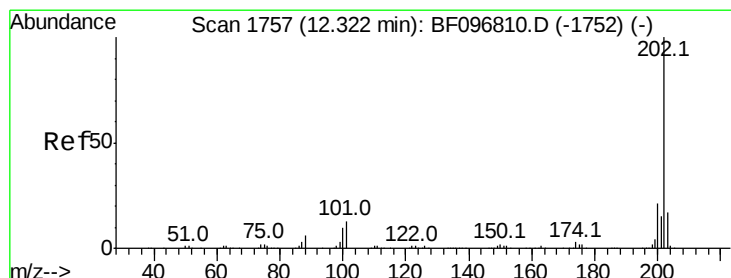
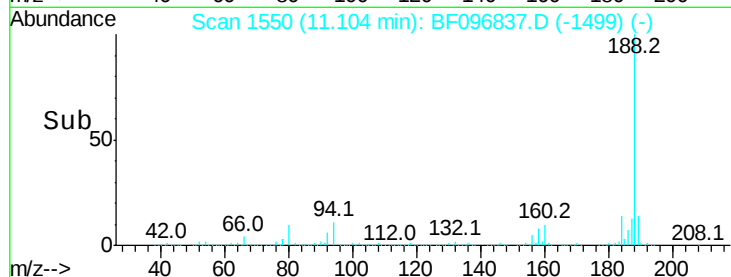
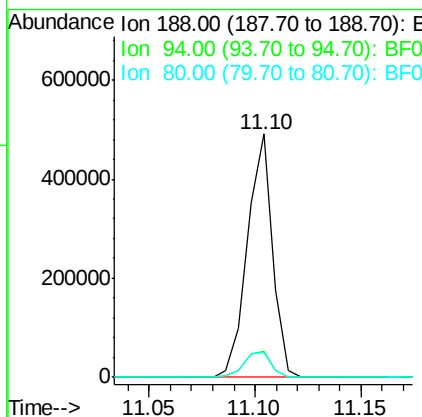
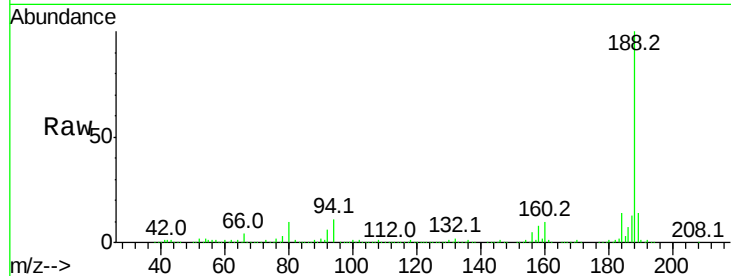
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	9.4	14.2	
80	10.3	10.2	15.2	

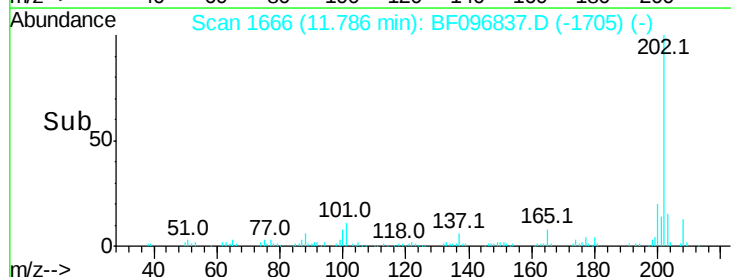
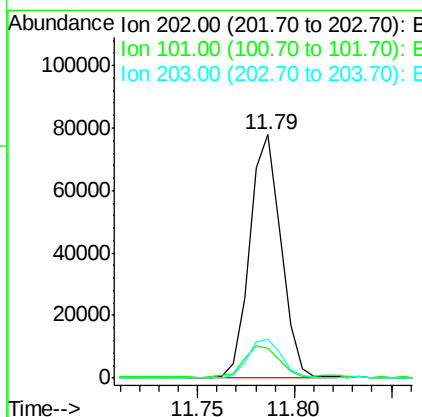
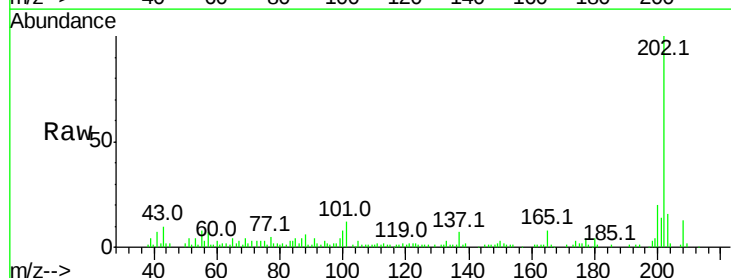
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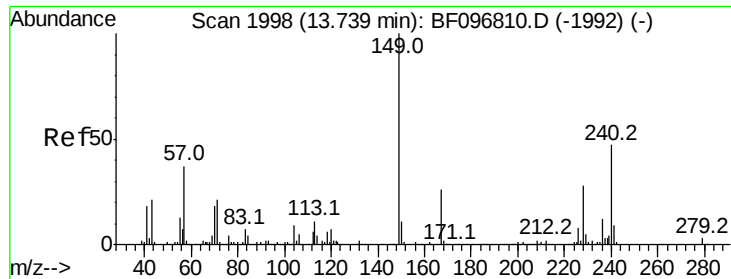
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#74
Fluoranthene
Concen: 4.093 ng m
RT: 11.79 min Scan# 1666
Delta R.T. -0.53 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.2	0.0	33.2	
203	15.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096837.D

Acq: 18 Jul 2017 10:15

Instrument :

BNA_F

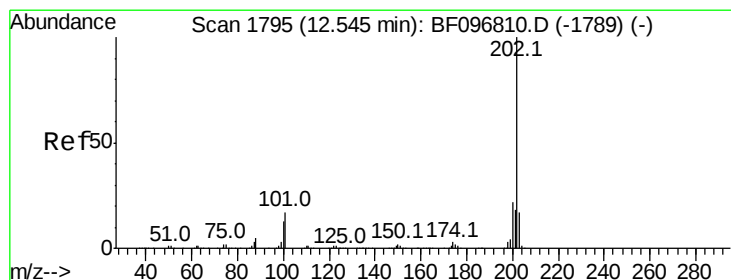
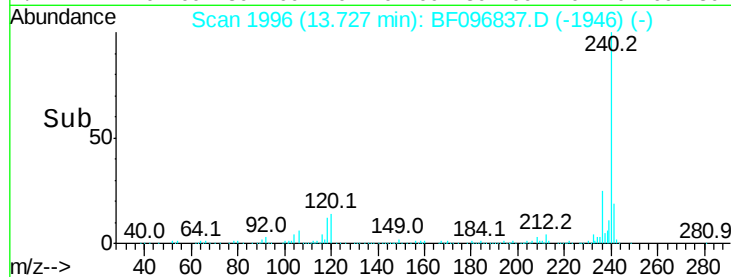
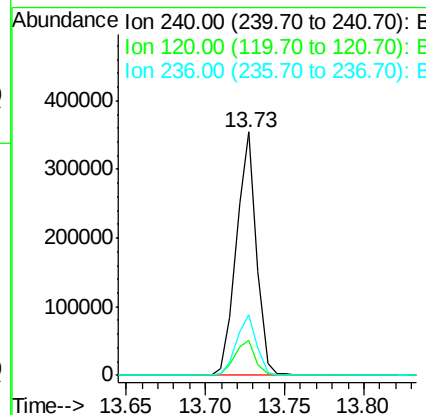
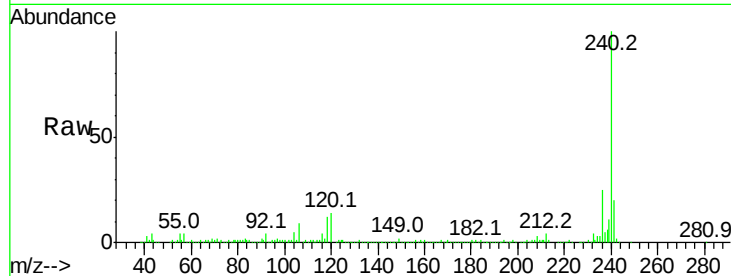
ClientSampleId :

EB-2017-07-13

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.9	20.5	30.7

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#77

Pyrene

Concen: 2.893 ng m

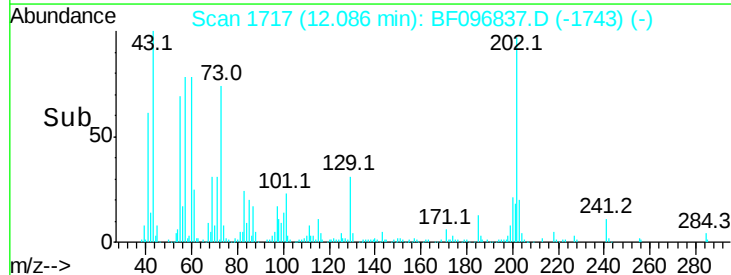
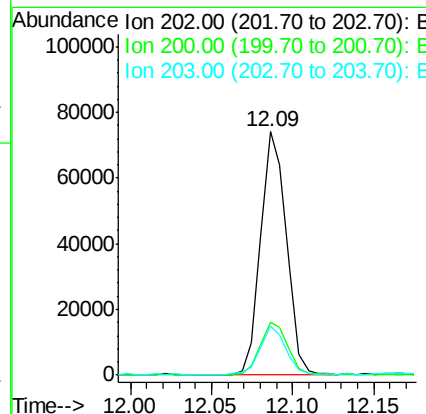
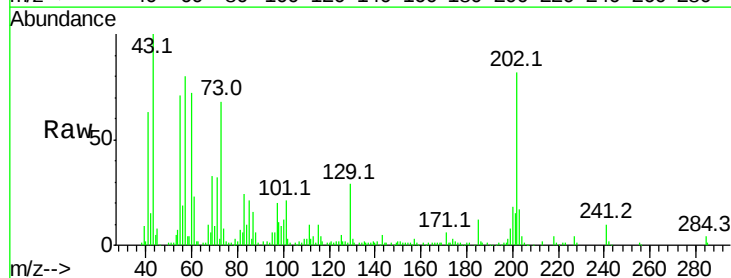
RT: 12.09 min Scan# 1717

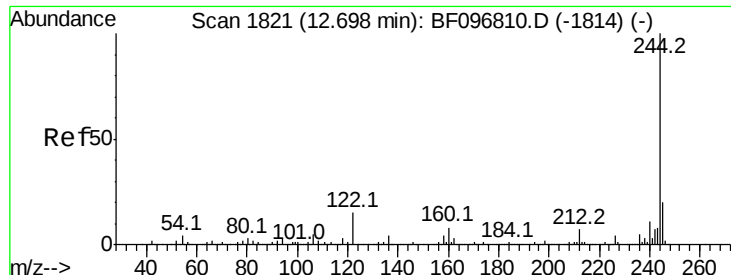
Delta R.T. -0.45 min

Lab File: BF096837.D

Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	20.3	14.4	21.6





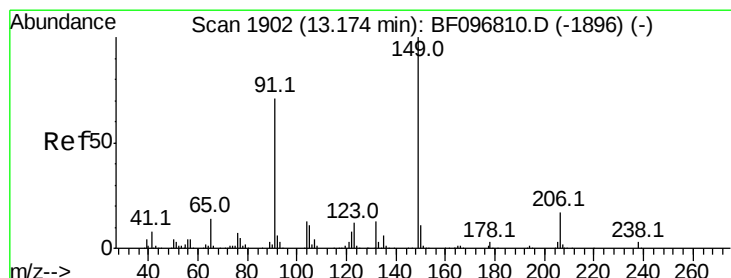
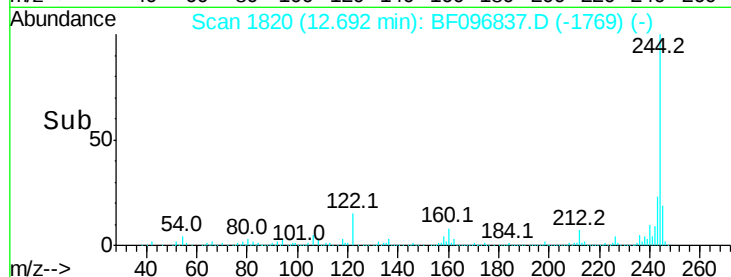
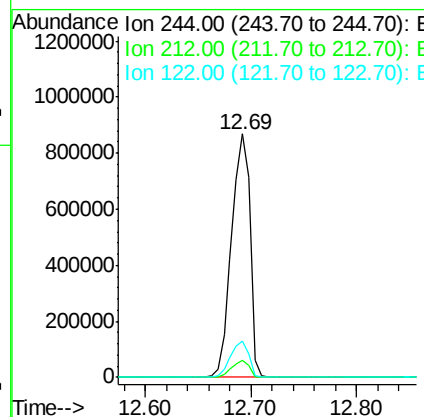
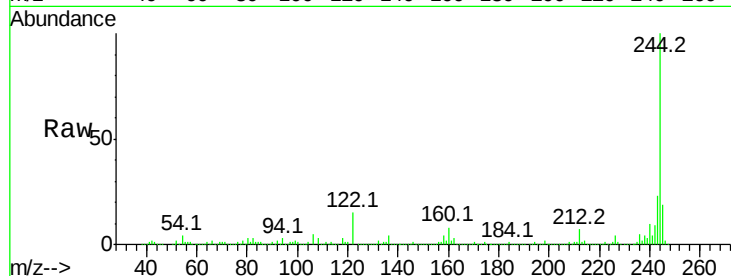
#78
 Terphenyl-d14
 Concen: 58.785 ng
 RT: 12.69 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampled :
 EB-2017-07-13

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.8	10.3	15.5

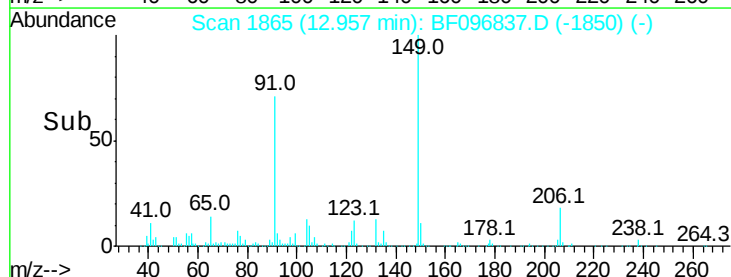
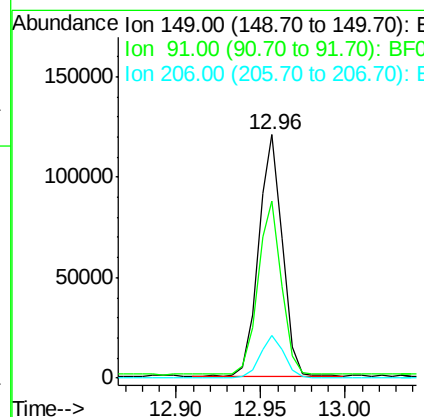
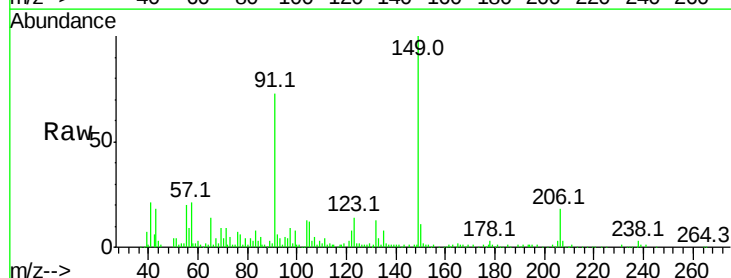
Manual Integrations
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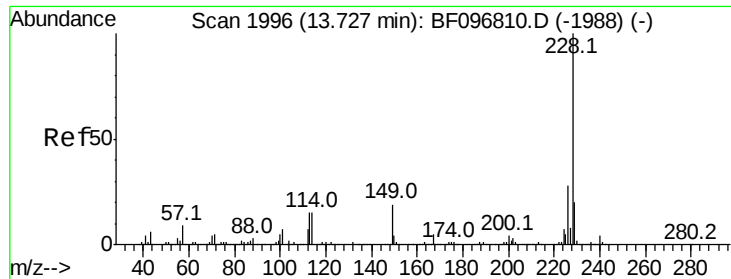
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#79
 Butylbenzylphthalate
 Concen: 8.812 ng
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.21 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	45.0	67.4#
206	17.7	17.0	25.6





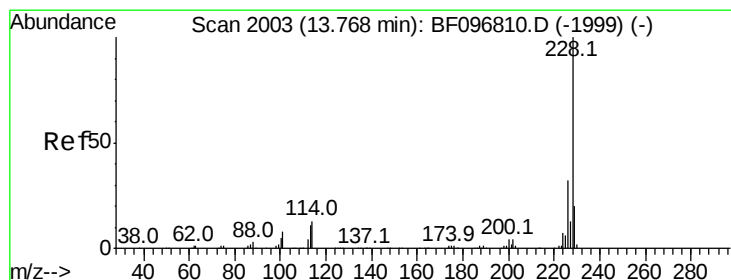
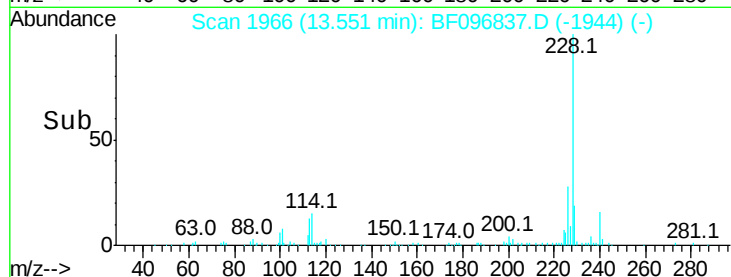
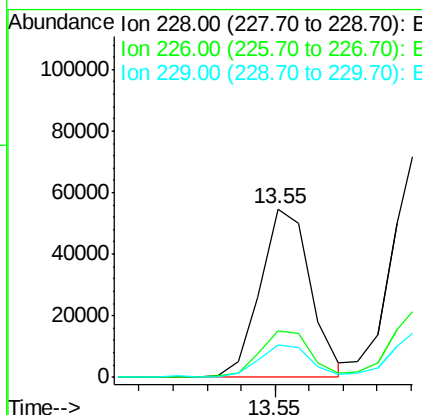
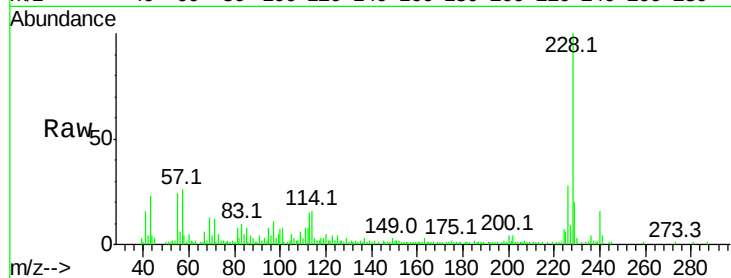
#80
Benzo(a)anthracene
Concen: 2.902 ng m
RT: 13.55 min Scan# 1966
Delta R.T. -0.17 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.6	16.3	24.5

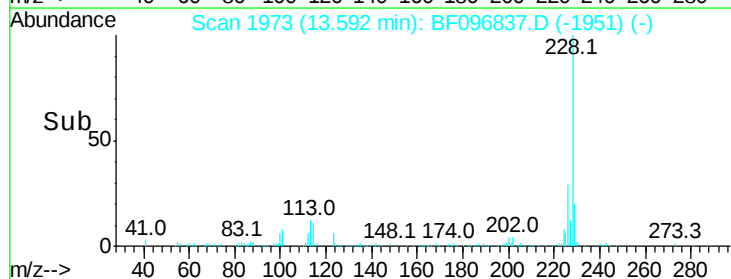
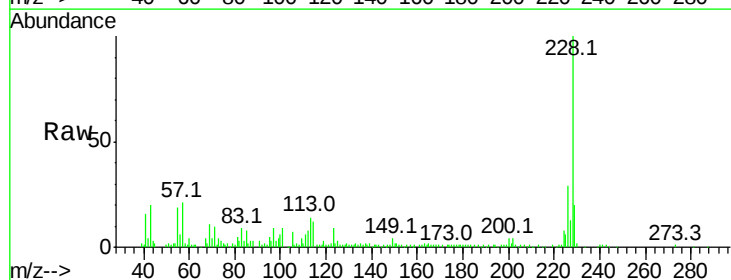
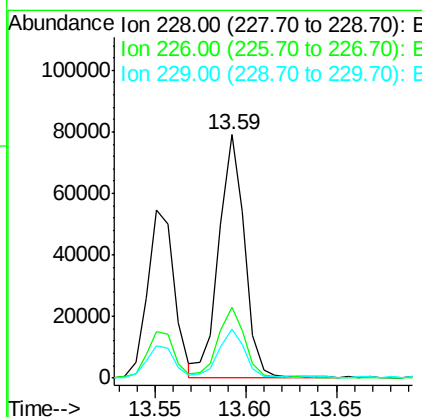
Manual Integrations
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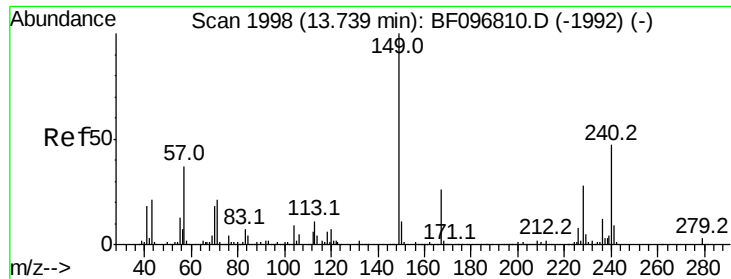
mohammad
7/19/2017 2:31:05 PM



#82
Chrysene
Concen: 4.073 ng
RT: 13.59 min Scan# 1973
Delta R.T. -0.17 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	19.9	15.8	23.6





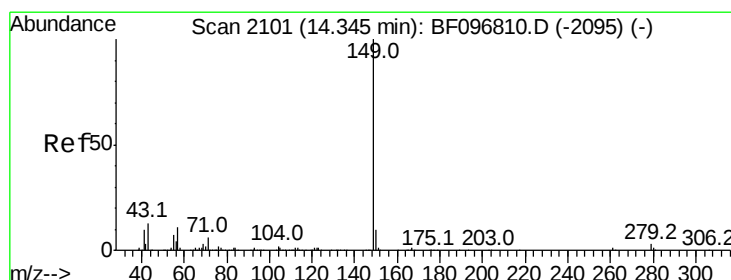
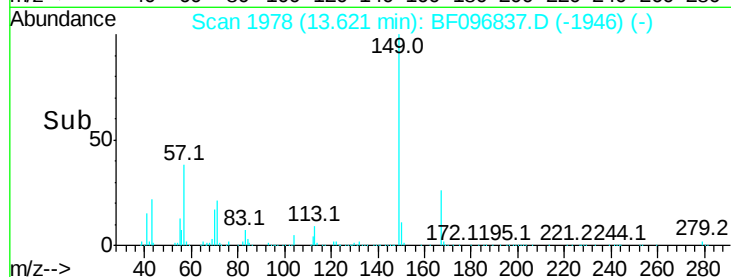
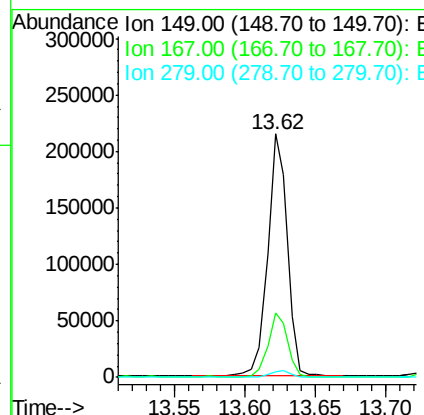
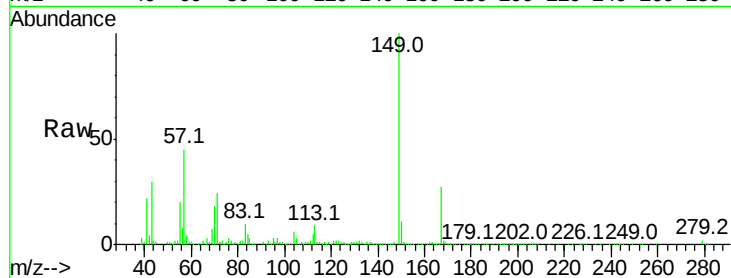
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 13.018 ng
 RT: 13.62 min Scan# 1978
 Delta R.T. -0.11 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Instrument :
 BNA_F
 ClientSampleId :
 EB-2017-07-13

Tot Ion	Ratio	Resp	Lower	Upper
149	100	212087		
167	26.6		21.0	31.4
279	2.5		1.9	2.9

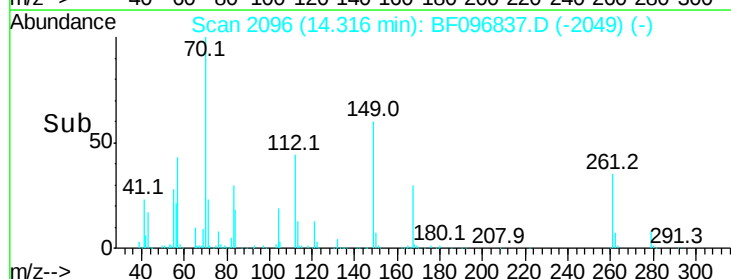
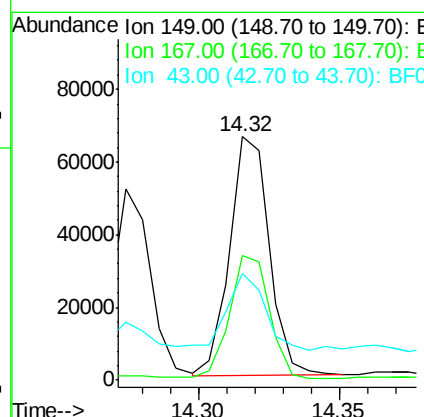
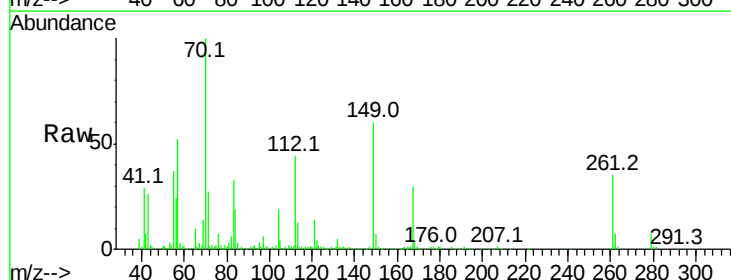
Manual Integrations
 APPROVED

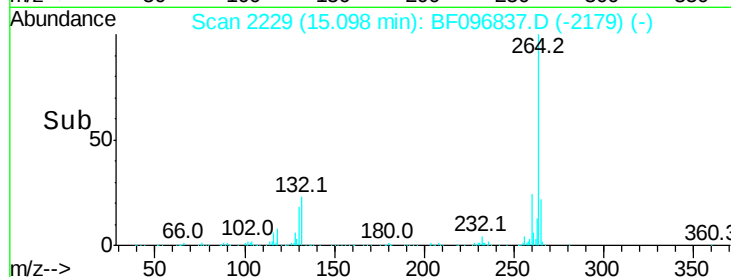
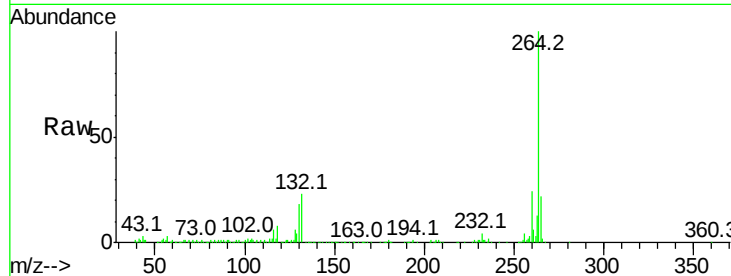
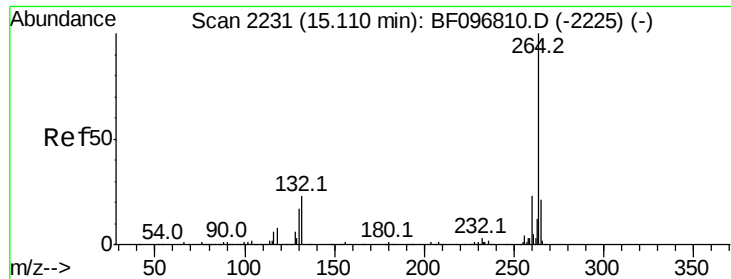
mohammad
 7/19/2017 2:31:05 PM



#84
 Di-n-octyl phthalate
 Concen: 2.364 ng
 RT: 14.32 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BF096837.D
 Acq: 18 Jul 2017 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	63661		
167	51.2		1.2	1.8#
43	30.9		8.5	12.7#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096837.D
Acq: 18 Jul 2017 10:15

Instrument :
BNA_F
ClientSampleId :
EB-2017-07-13

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.2	25.8

Manual Integrations
APPROVED

mohammad
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