

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096797.D
 Acq On : 15 Jul 2017 3:10
 Operator : SJ/JU
 Sample : I4187-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB7-0-2

Manual Integrations
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Quant Time: Jul 17 05:13:25 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	6.62	152	117908	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	397203	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	148471	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	245591	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	209166	20.00	ng	-0.02
86) Perylene-d12	15.14	264	178622	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	565533	72.12	ng	0.00
7) Phenol-d6	6.27	99	610503	64.88	ng	0.00
23) Nitrobenzene-d5	7.19	82	383538	59.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	91445	72.16	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	583749	62.12	ng	-0.01
78) Terphenyl-d14	12.72	244	398787	33.06	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.37	163	110159	9.854	ng	Qvalue 100
74) Fluoranthene	12.33	202	40051	3.133	ng	98
77) Pyrene	12.56	202	39806	2.097	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	77691	7.073	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.44	276	11718	4.278	ng	# 92
87) Benzo(b)fluoranthene	14.76	252	30777m	2.857	ng	

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

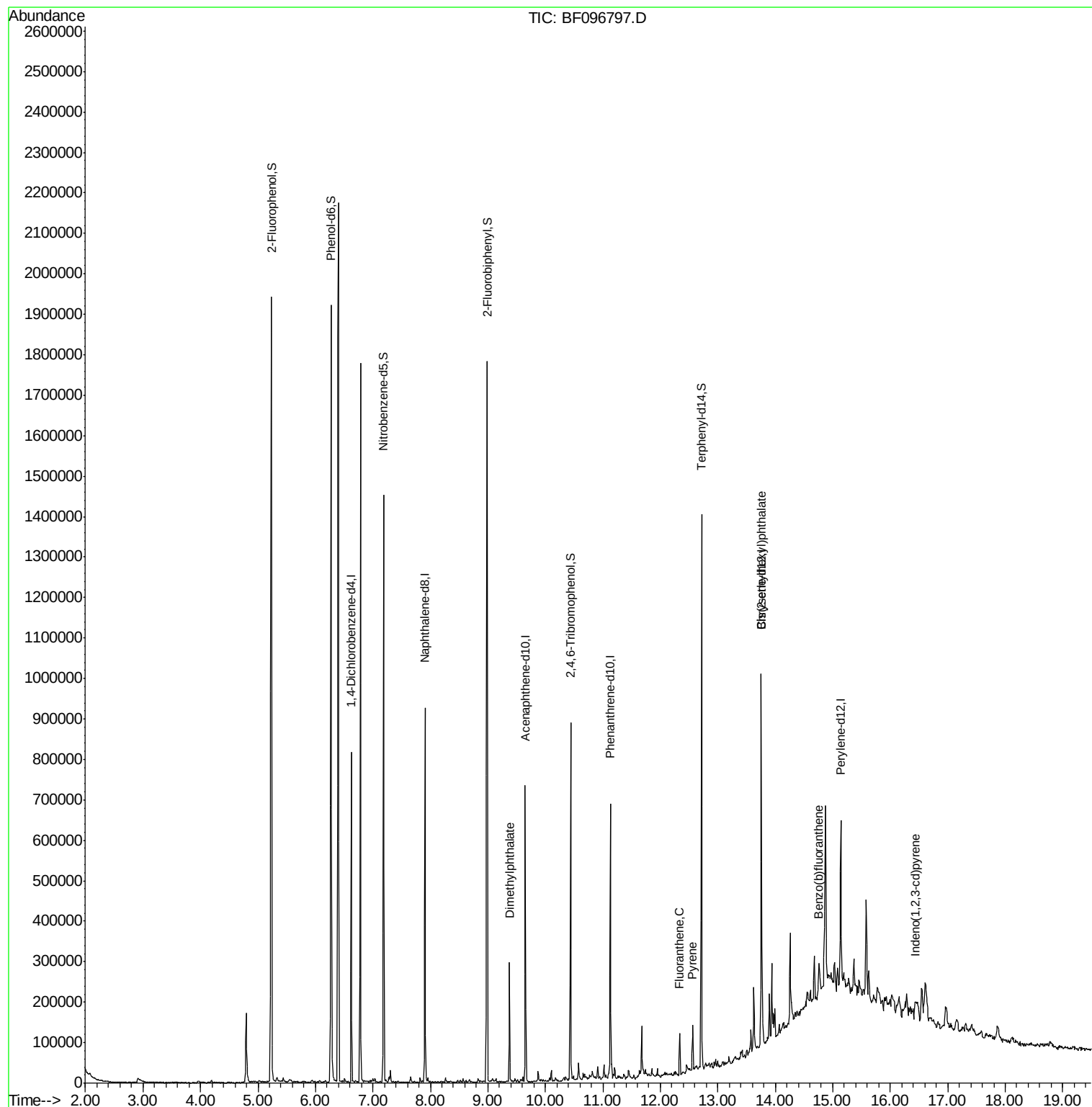
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096797.D
Acq On : 15 Jul 2017 3:10
Operator : SJ/JU
Sample : I4187-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

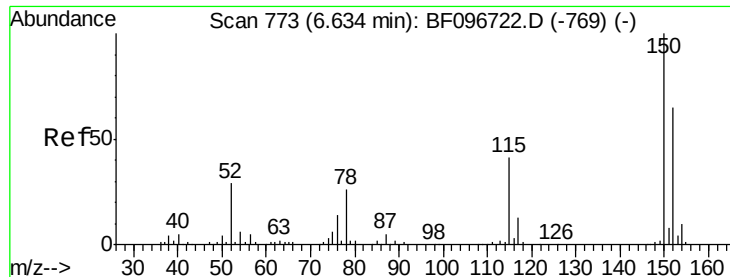
Instrument :
BNA_F
ClientSampleId :
CI-SB7-0-2

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Quant Time: Jul 17 05:13:25 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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#1

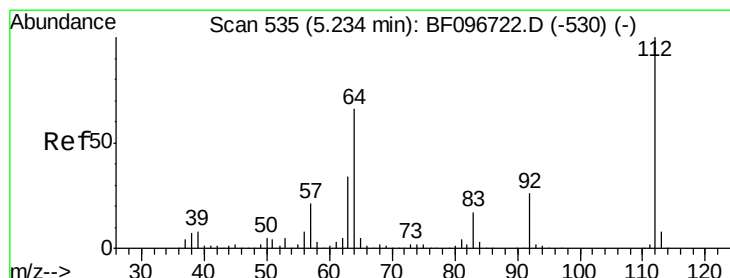
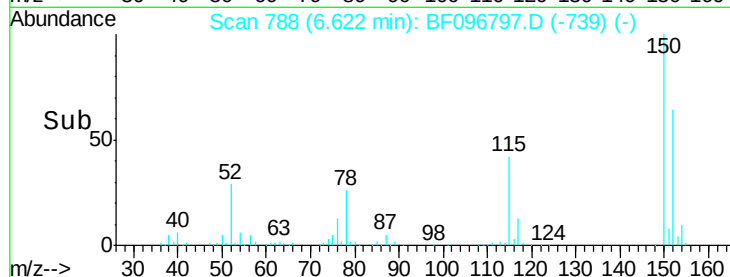
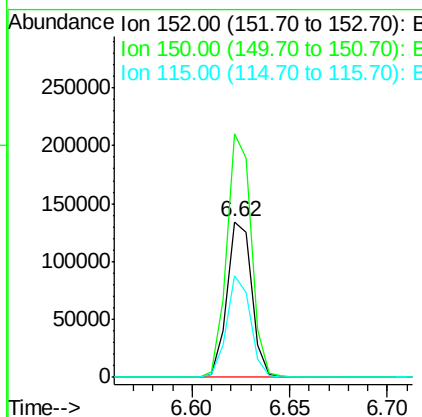
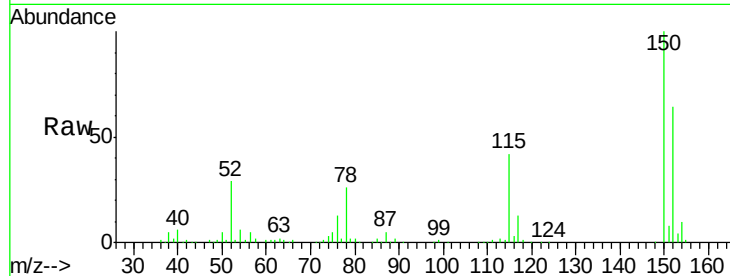
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Instrument :
BNA_F
ClientSampleId :
CI-SB7-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	65.0	52.2	78.2

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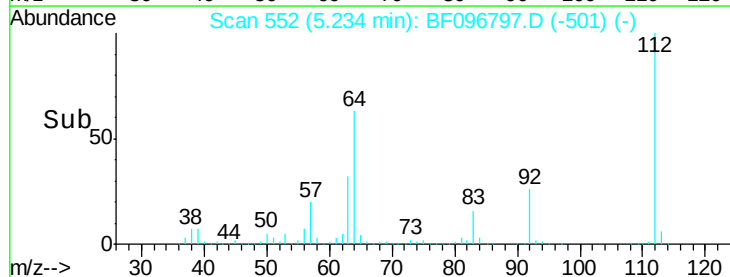
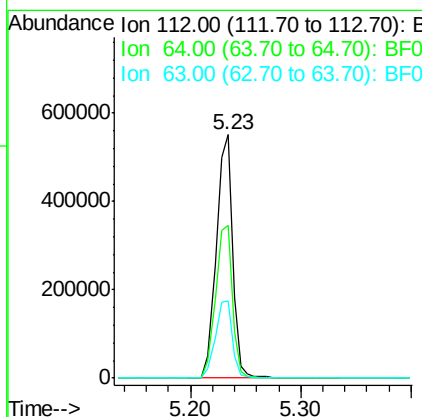
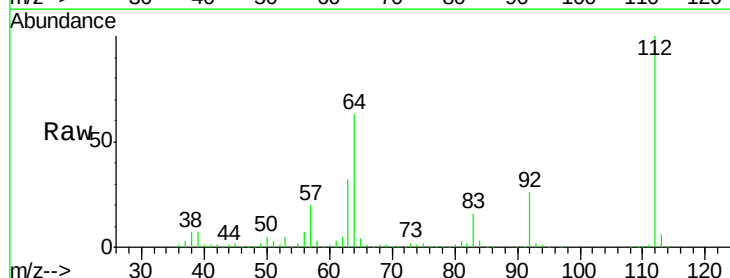
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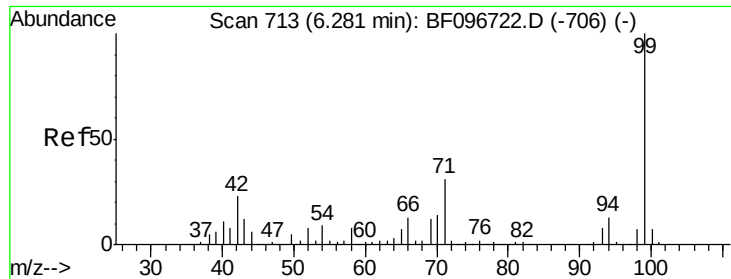


#5

2-Fluorophenol
Concen: 72.118 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	31.7	23.4	35.0





#7

Phenol-d6

Concen: 64.875 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096797.D

Acq: 15 Jul 2017 3:10

Instrument :

BNA_F

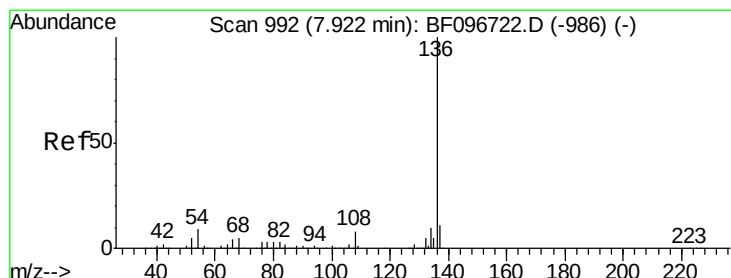
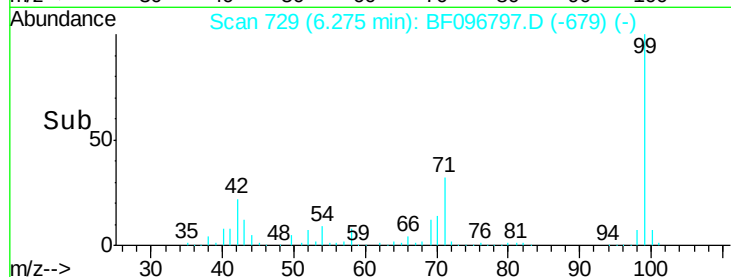
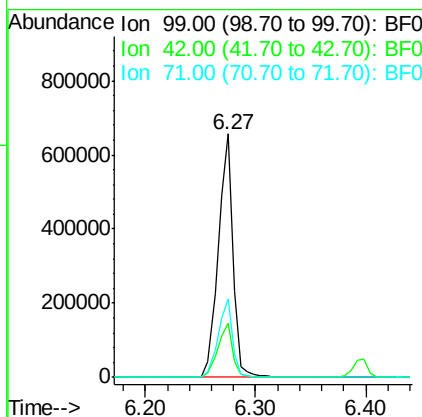
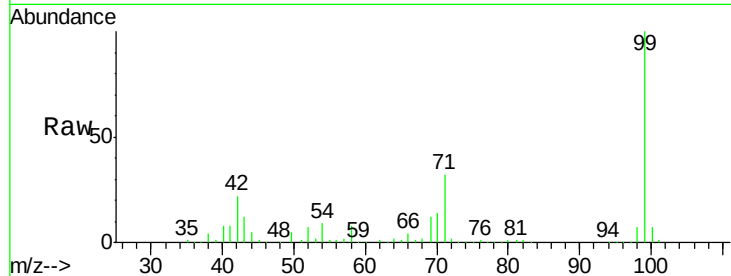
ClientSampleId :

CI-SB7-0-2

Tgt Ion:	99	Resp:	610503
Ion Ratio	Lower	Upper	
99	100		
42	22.2	13.5	20.3#
71	32.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

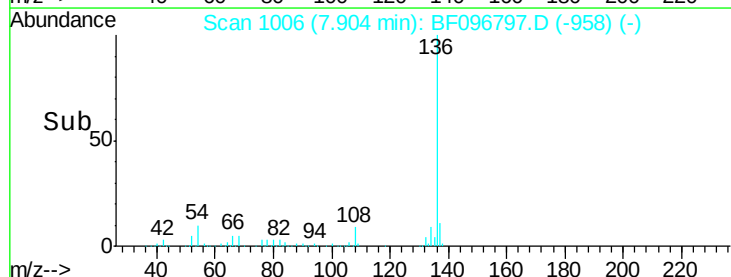
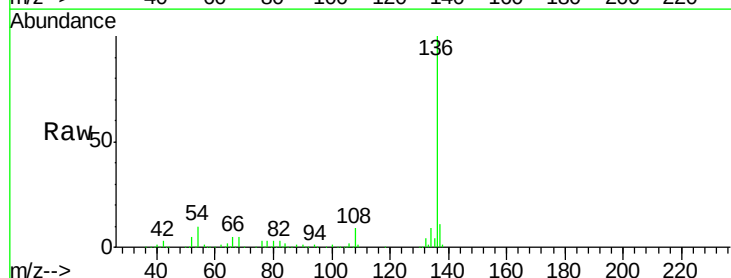
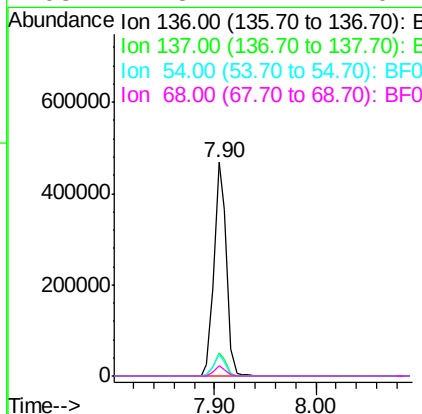
RT: 7.90 min Scan# 1006

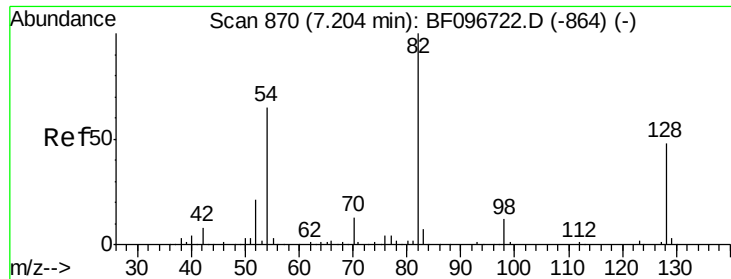
Delta R.T. -0.02 min

Lab File: BF096797.D

Acq: 15 Jul 2017 3:10

Tgt Ion:	136	Resp:	397203
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	10.1	4.9	7.3#
68	4.8	4.1	6.1





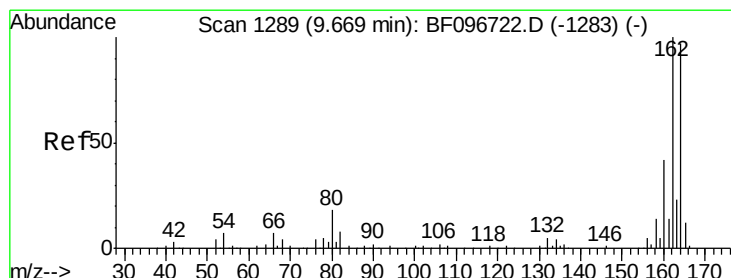
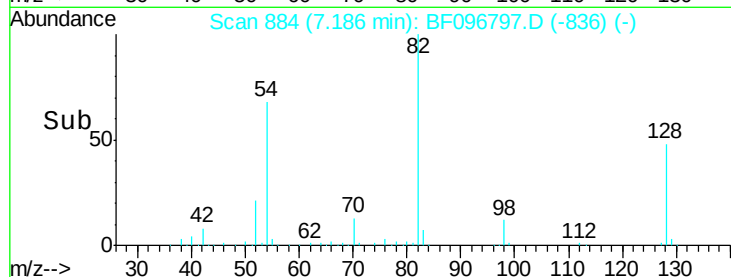
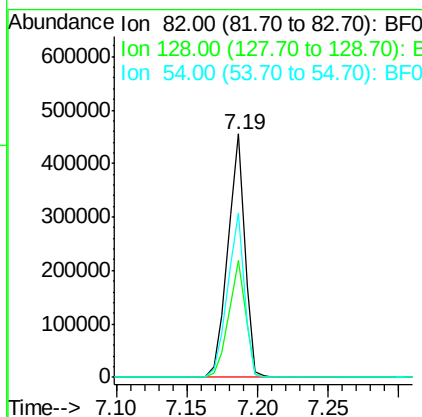
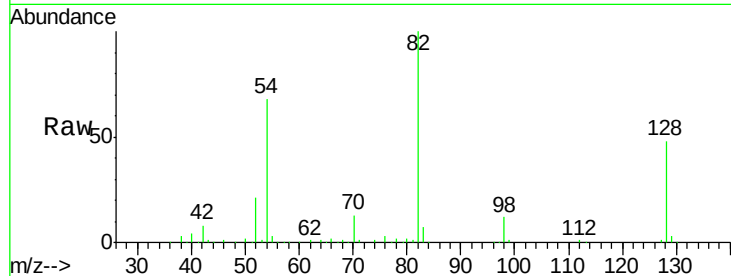
#23
 Nitrobenzene-d5
 Concen: 59.810 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB7-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	47.9	34.0	51.0
54	67.7	42.2	63.2

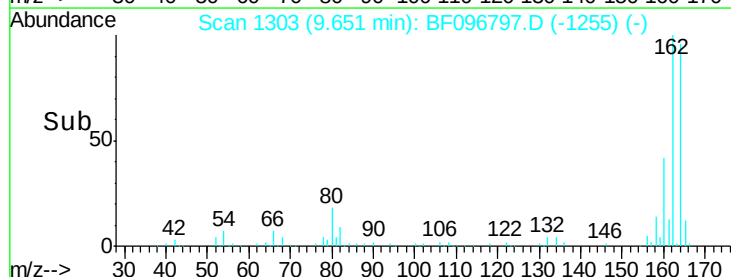
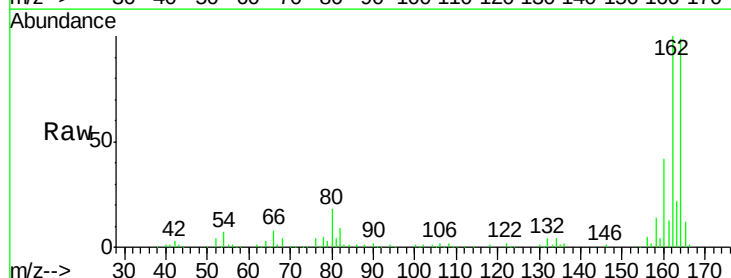
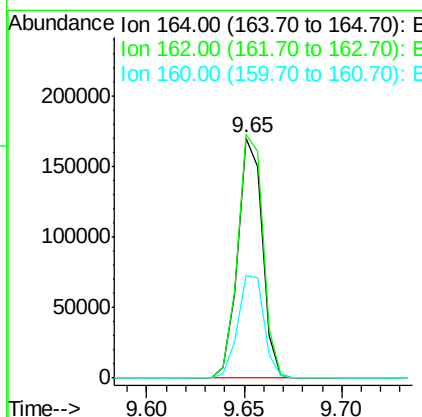
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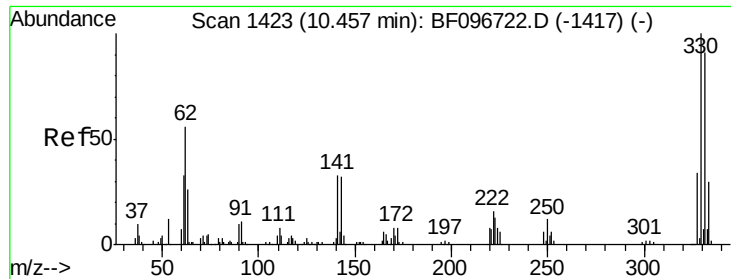
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.3	82.6	123.8
160	42.9	36.2	54.2





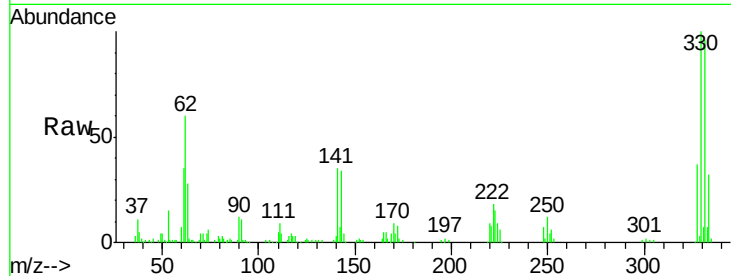
#41
 2,4,6-Tribromophenol
 Concen: 72.156 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Instrument :
 BNA_F
 ClientSampled :
 CI-SB7-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	91445		
332	97.5	76.6	115.0	
141	38.4	31.4	47.2	

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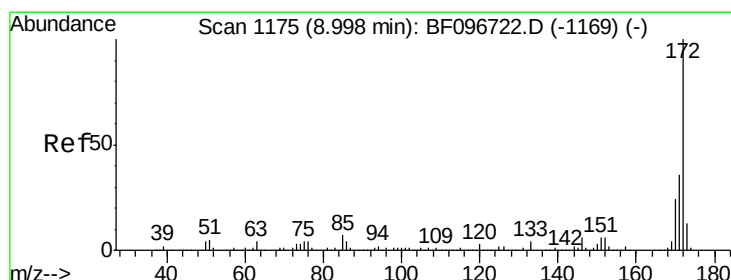
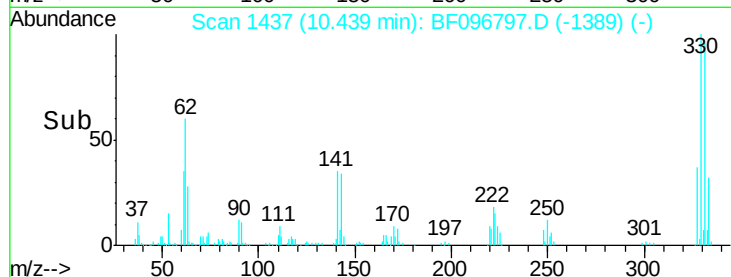
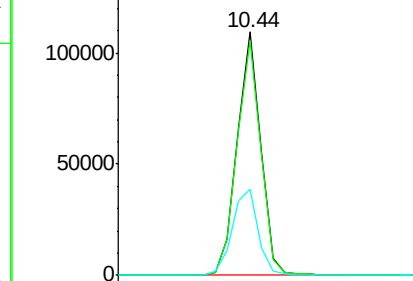


Abundance

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: 62.118 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

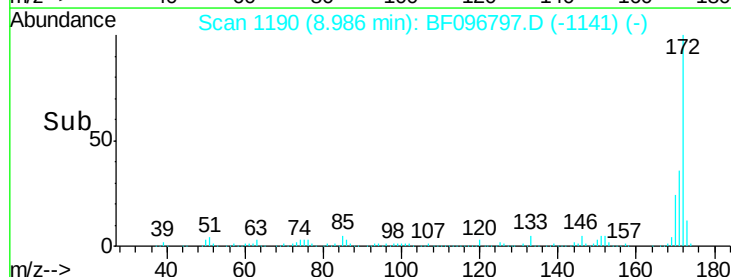
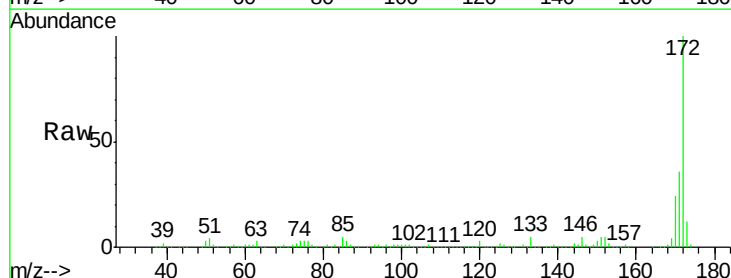
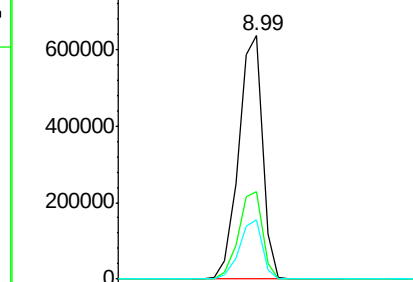
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	583749		
171	35.9	29.6	44.4	
170	24.4	19.8	29.8	

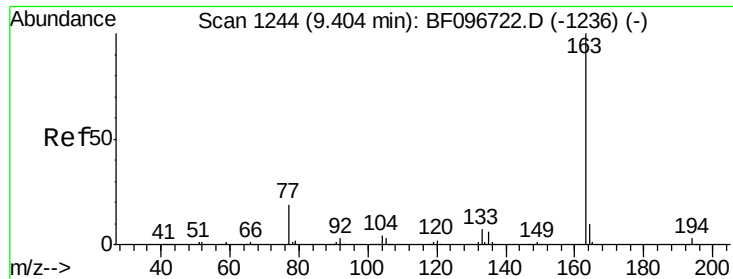
Abundance

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





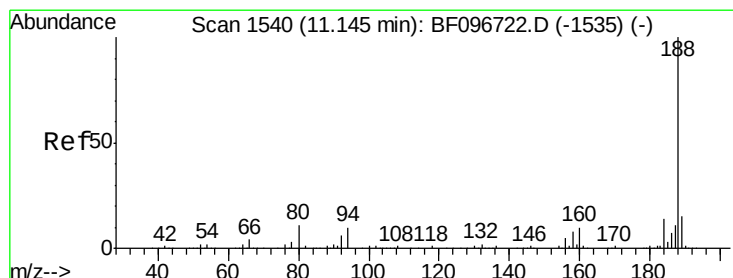
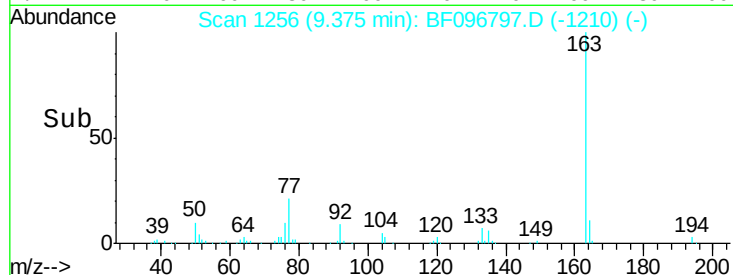
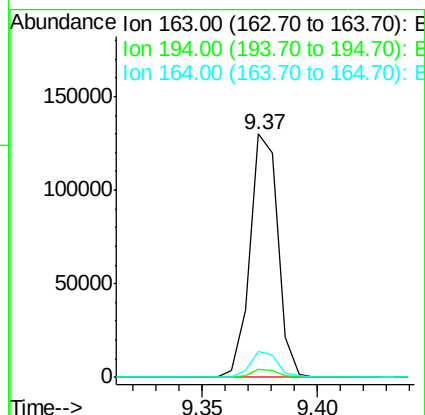
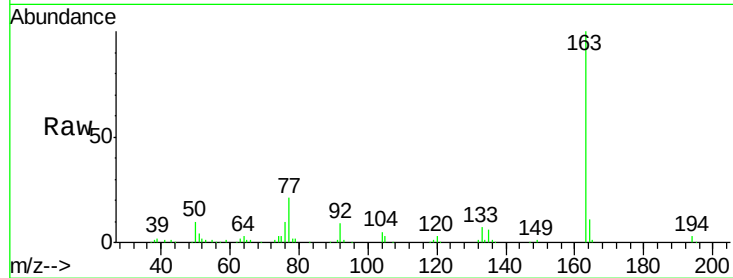
#49
Dimethylphthalate
Concen: 9.854 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Instrument :
BNA_F
ClientSampleId :
CI-SB7-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6

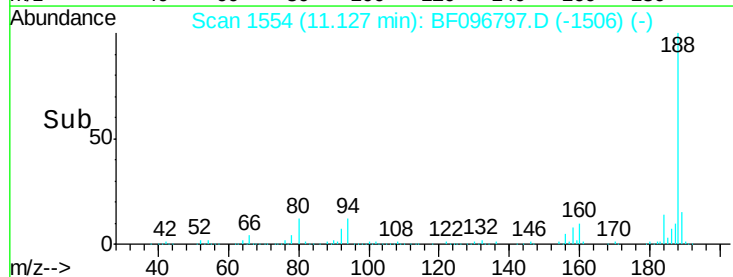
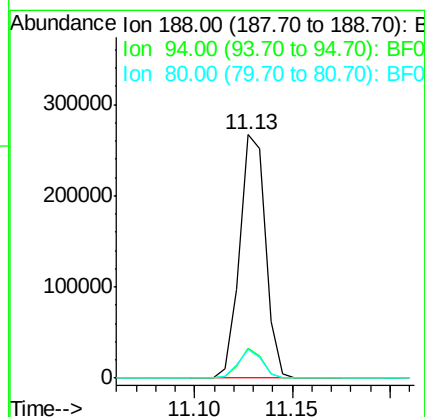
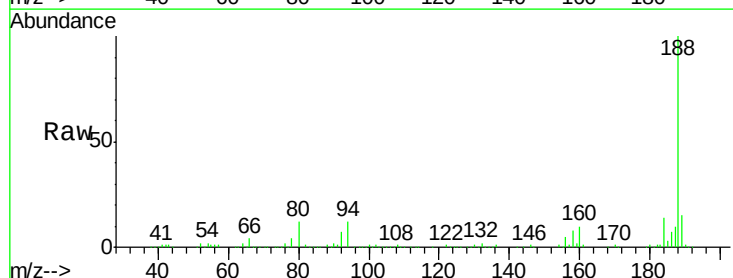
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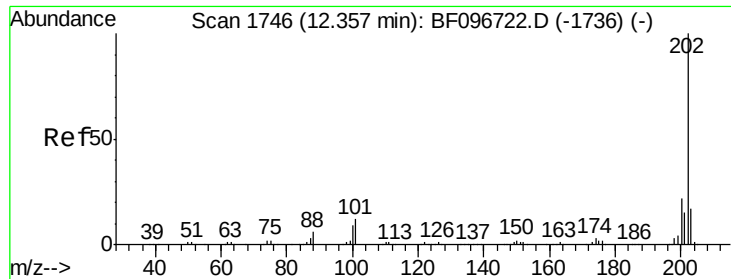
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	9.4	14.2
80	11.7	10.2	15.2





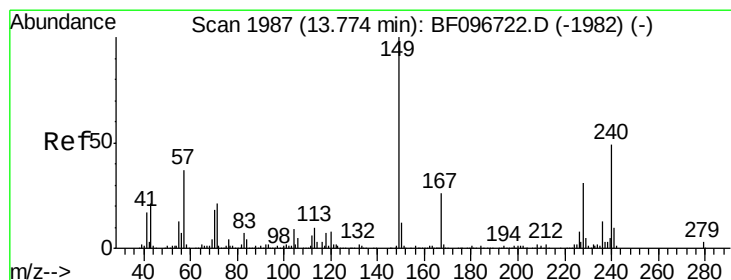
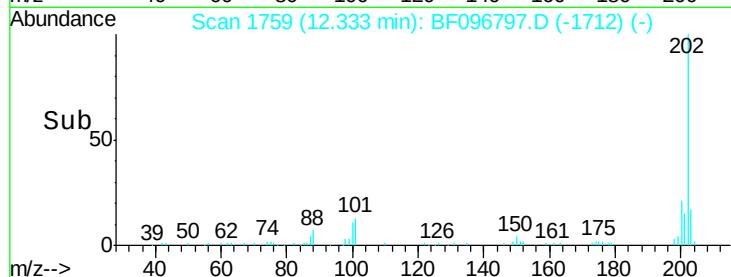
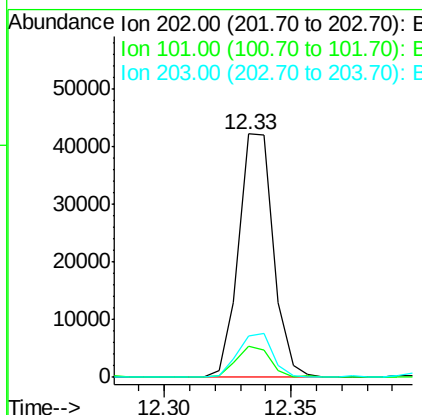
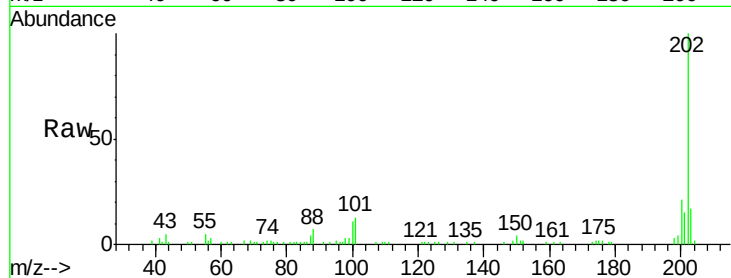
#74
 Fluoranthene
 Concen: 3.133 ng
 RT: 12.33 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Instrument :
 BNA_F
 ClientSampled :
 CI-SB7-0-2

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.0	0.0	38.1

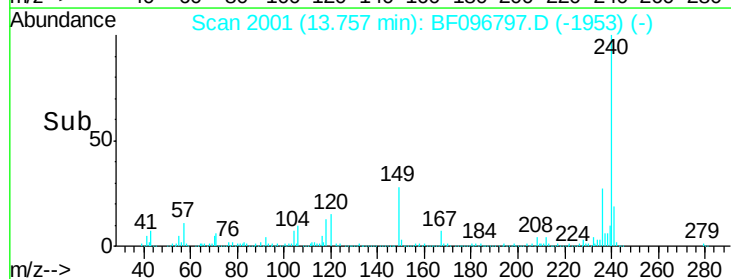
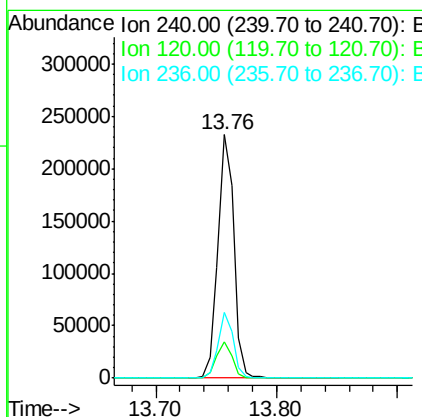
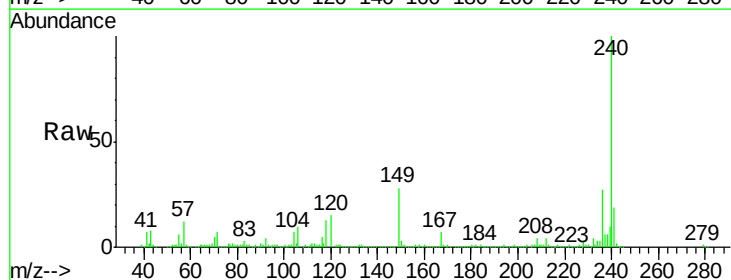
Manual Integrations
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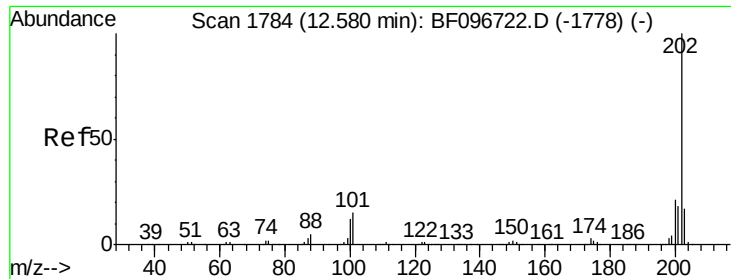
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.8	20.5	30.7





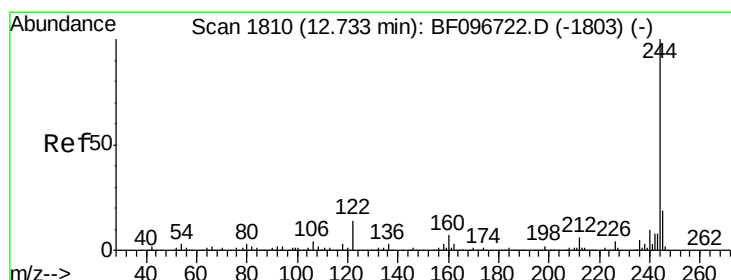
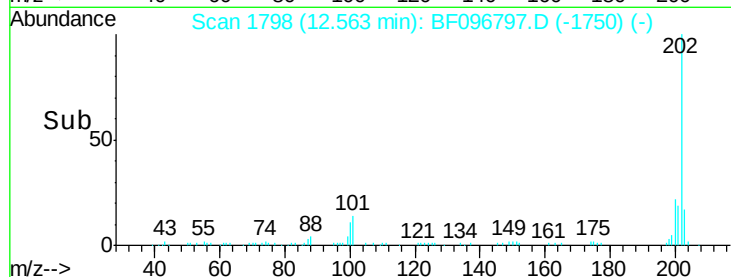
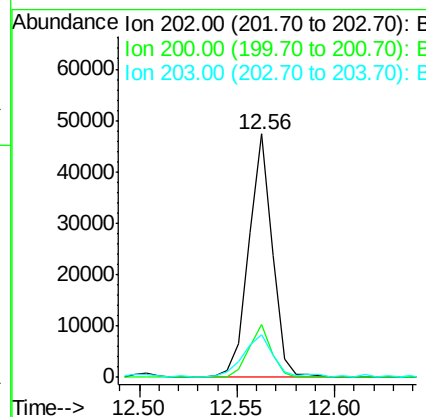
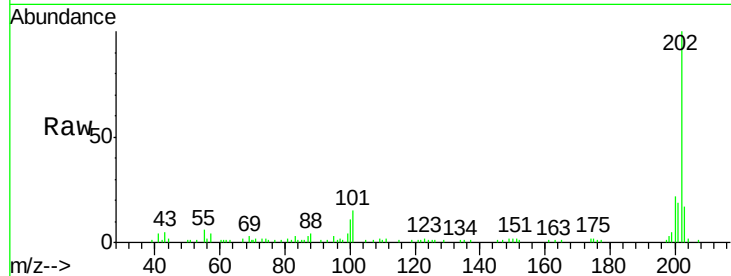
#77
 Pyrene
 Concen: 2.097 ng
 RT: 12.56 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB7-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.6	26.4
203	17.5	14.4	21.6

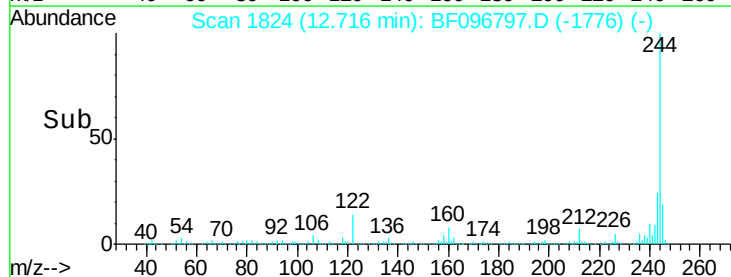
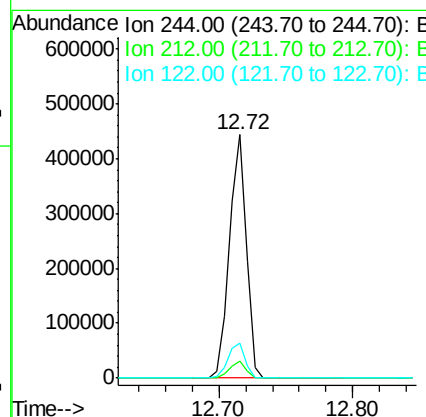
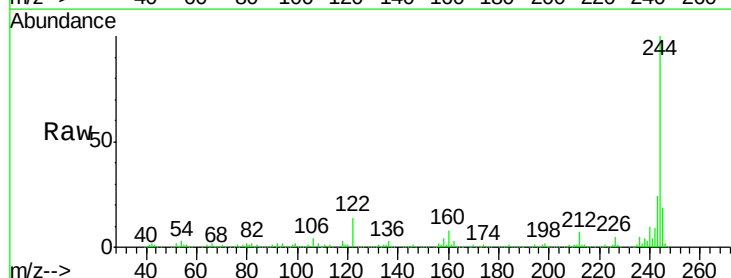
Manual Integrations
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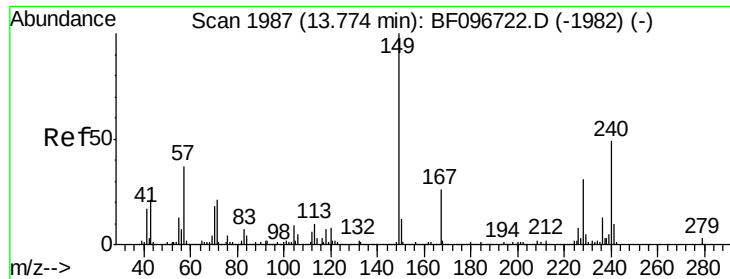
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#78
 Terphenyl-d14
 Concen: 33.065 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5





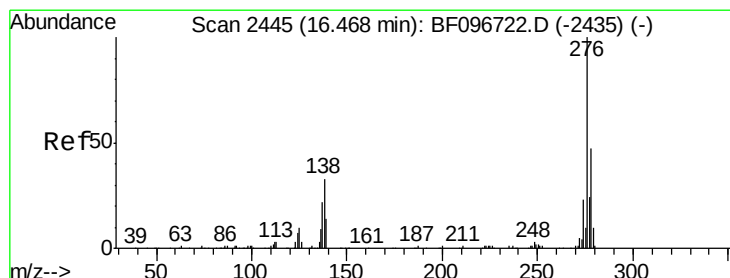
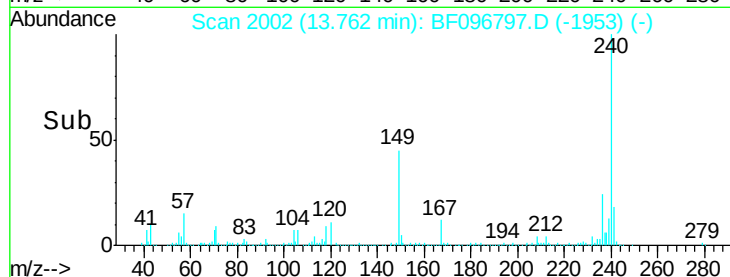
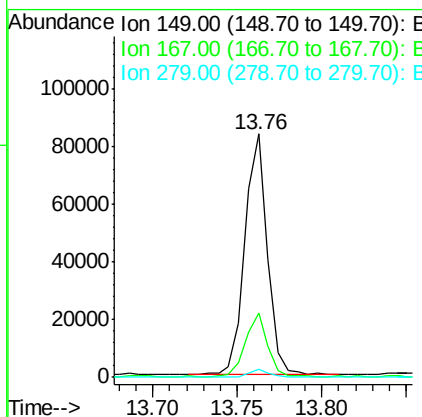
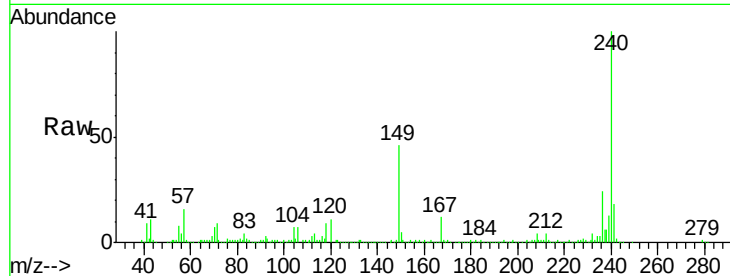
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.073 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB7-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	77691		
167	26.3	21.0	31.4	
279	3.2	1.9	2.9#	

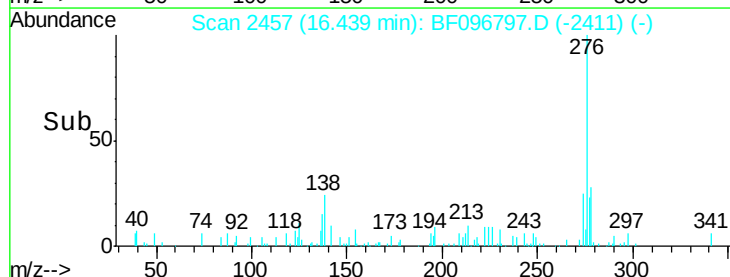
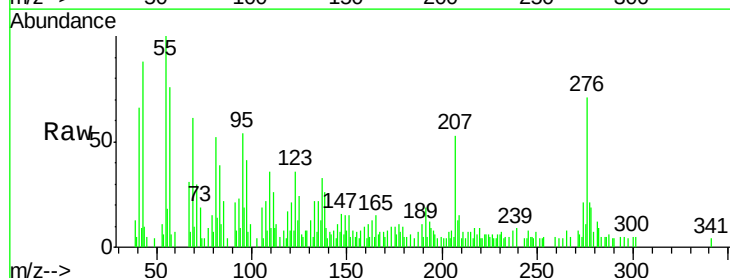
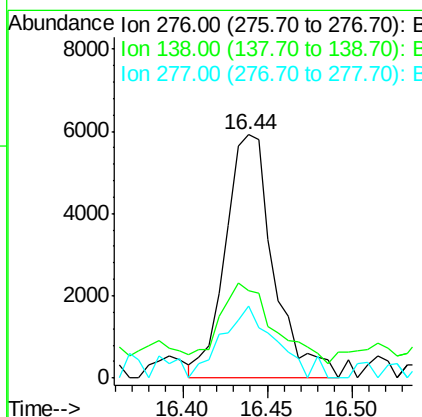
Manual Integrations
 APPROVED

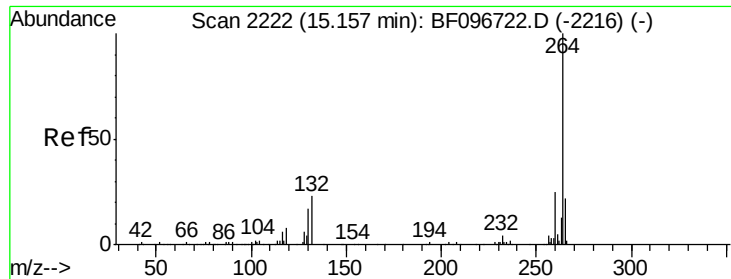
mohammad
 7/17/2017 3:57:35 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.278 ng
 RT: 16.44 min Scan# 2457
 Delta R.T. -0.03 min
 Lab File: BF096797.D
 Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11718		
138	36.2	27.8	41.6	
277	32.9	20.2	30.4#	





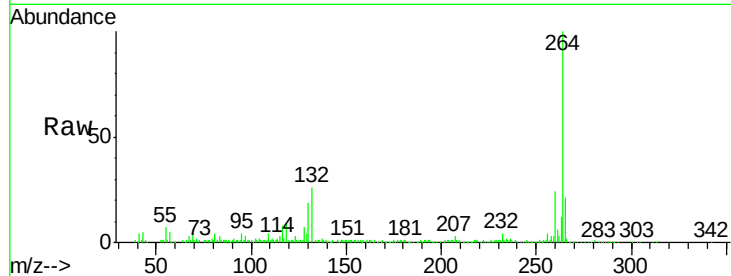
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Instrument :
BNA_F
ClientSampleId :
CI-SB7-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	178622		
260	23.7	19.5	29.3	
265	20.7	17.2	25.8	

Manual Integrations
APPROVED

mohammad
7/17/2017 3:57:35 PM

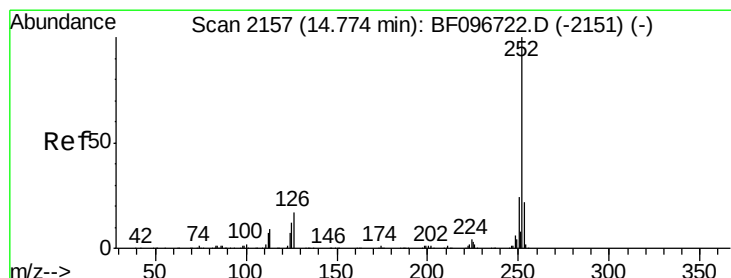
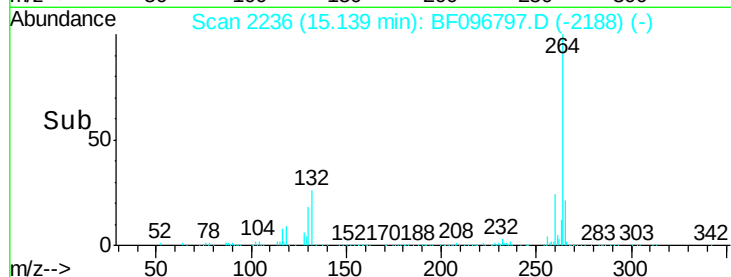
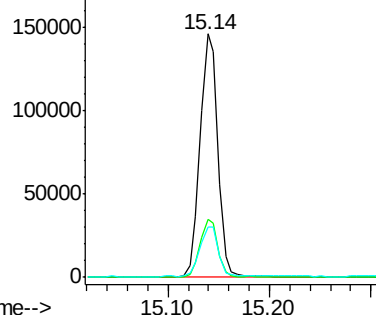


Abundance

Ion 264.00 (263.70 to 264.70): E

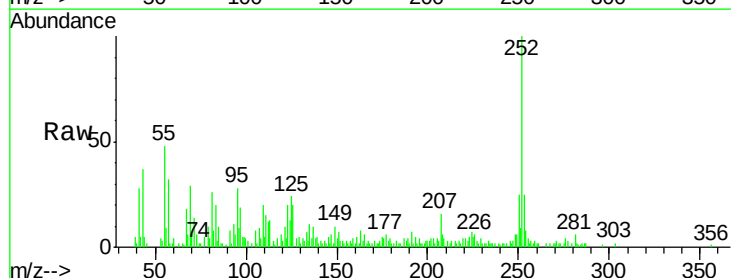
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.857 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096797.D
Acq: 15 Jul 2017 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30777		
253	24.6	18.1	27.1	
125	23.6	9.8	14.8	



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

