

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096799.D
 Acq On : 15 Jul 2017 4:06
 Operator : SJ/JU
 Sample : I4187-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB9-0-2

Manual Integrations
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Quant Time: Jul 15 04:47:53 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	96299	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	430083	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	141097	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	208579	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	204473	20.00	ng	-0.01
86) Perylene-d12	15.14	264	158892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	530980	82.91	ng	0.00
7) Phenol-d6	6.27	99	676527	88.02	ng	0.00
23) Nitrobenzene-d5	7.19	82	361419	52.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	105486	87.59	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	665135	74.48	ng	-0.01
78) Terphenyl-d14	12.72	244	407777	34.59	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	124899	11.756	ng	96
74) Fluoranthene	12.34	202	67068	6.178	ng	95
77) Pyrene	12.56	202	74877	4.035	ng	99
80) Benzo(a)anthracene	13.75	228	41340	3.245	ng	95
82) Chrysene	13.79	228	43547	3.472	ng	96
85) Indeno(1,2,3-cd)pyrene	16.44	276	18617	4.871	ng	# 87
87) Benzo(b)fluoranthene	14.76	252	47280m	4.934	ng	
89) Benzo(a)pyrene	15.09	252	32601	3.709	ng	97
91) Benzo(g,h,i)perylene	16.82	276	18095	2.089	ng	98

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

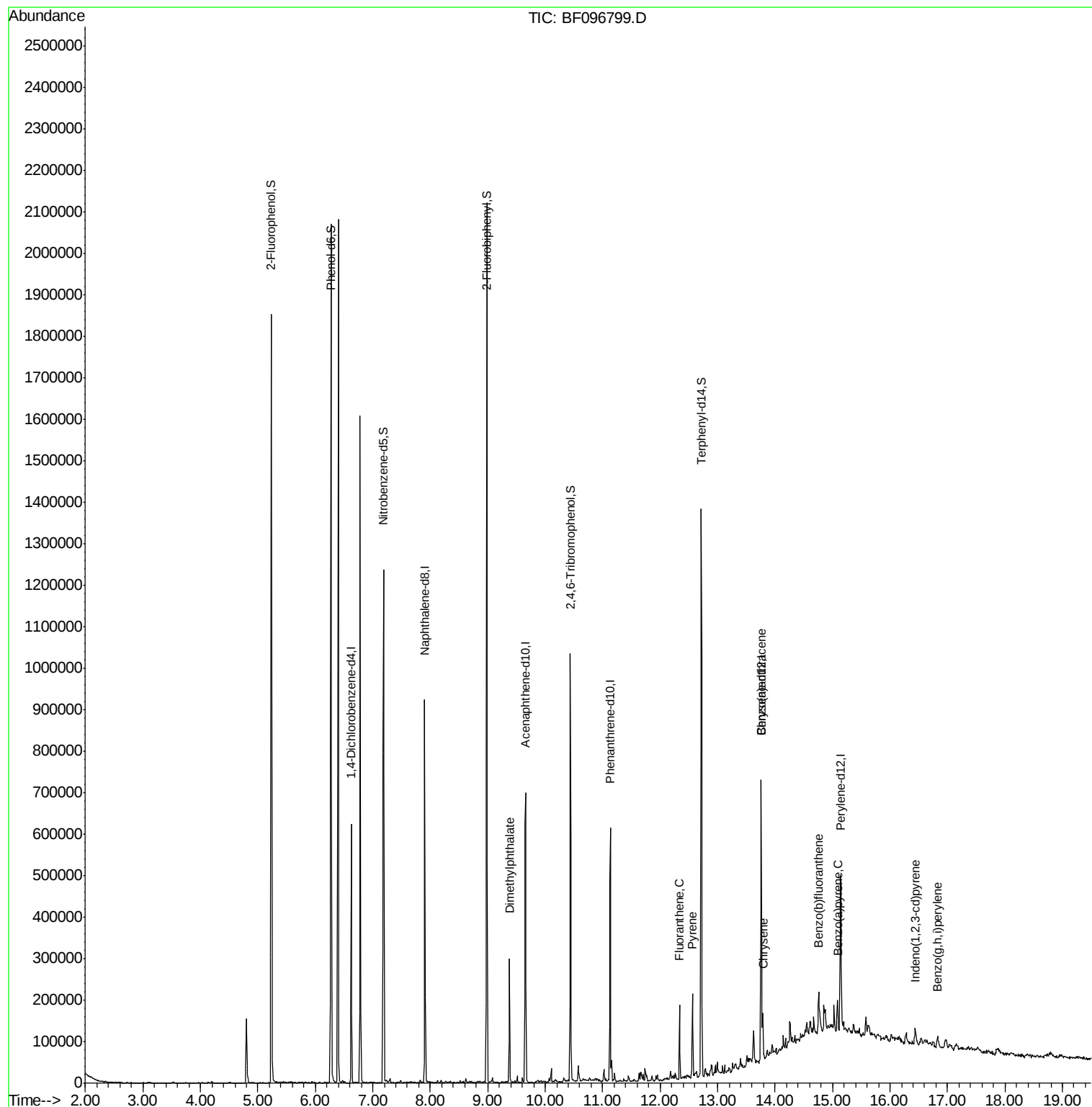
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096799.D
Acq On : 15 Jul 2017 4:06
Operator : SJ/JU
Sample : I4187-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

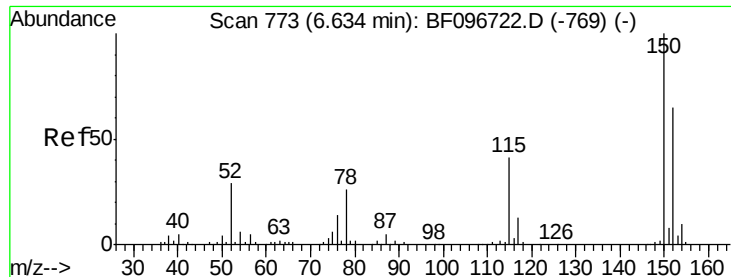
Instrument :
BNA_F
ClientSampleId :
CI-SB9-0-2

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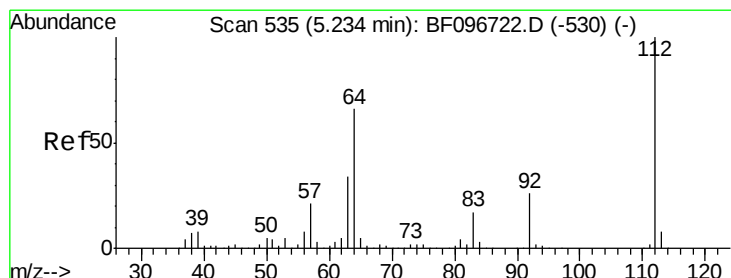
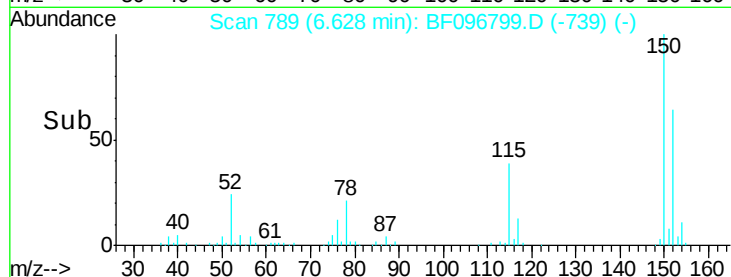
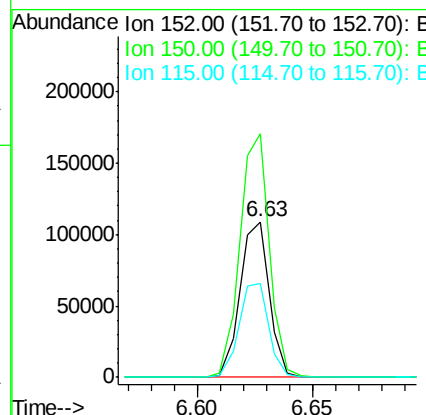
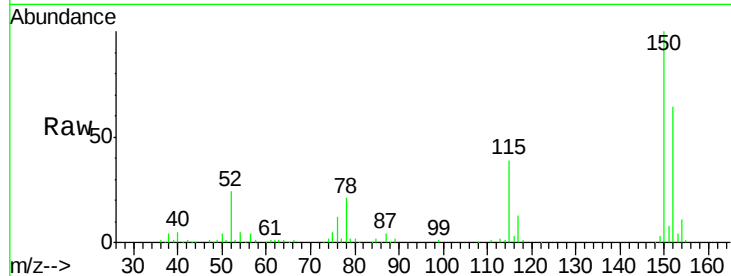
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB9-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	60.6	52.2	78.2

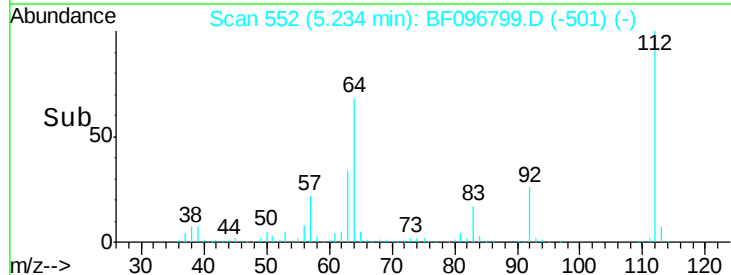
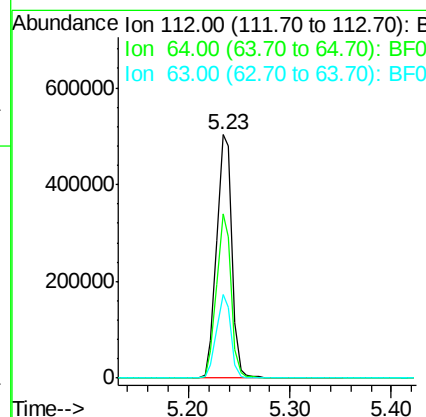
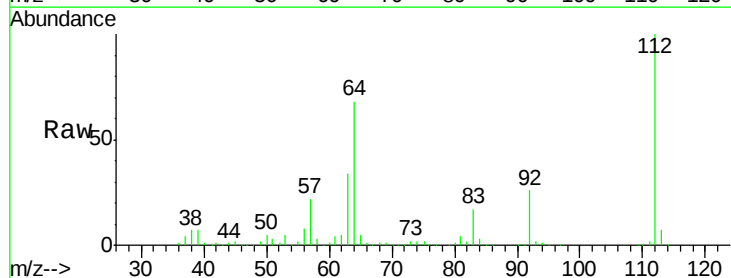
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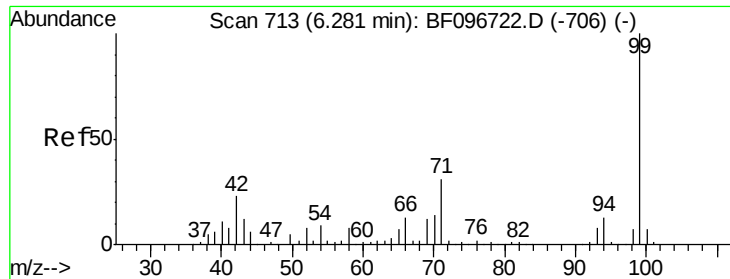
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#5
 2-Fluorophenol
 Concen: 82.906 ng
 RT: 5.23 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	46.0	69.0
63	34.4	23.4	35.0





#7

Phenol-d6

Concen: 88.024 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096799.D

Acq: 15 Jul 2017 4:06

Instrument :

BNA_F

ClientSampleId :

CI-SB9-0-2

Tgt Ion: 99 Resp: 676527

Ion Ratio Lower Upper

99 100

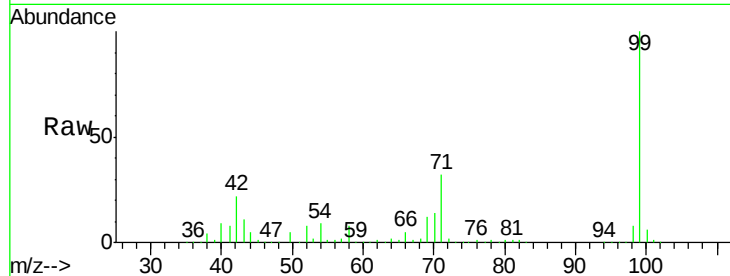
42 21.9 13.5 20.3#

71 31.6 24.5 36.7

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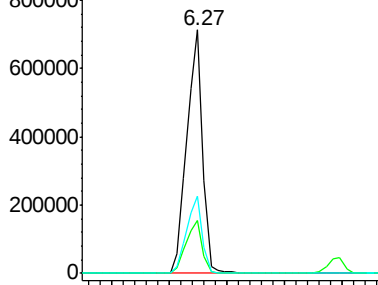
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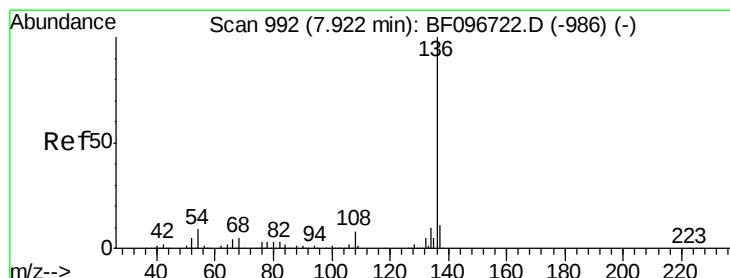
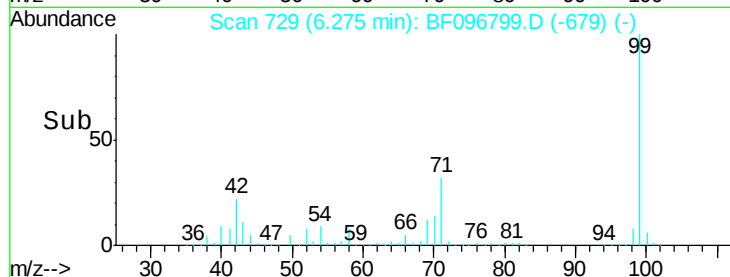
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096799.D

Acq: 15 Jul 2017 4:06

Tgt Ion: 136 Resp: 430083

Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.6 4.9 7.3#

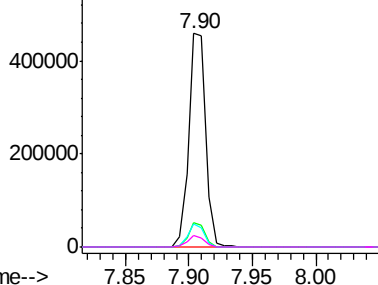
68 5.4 4.1 6.1

Abundance Ion 136.00 (135.70 to 136.70): E

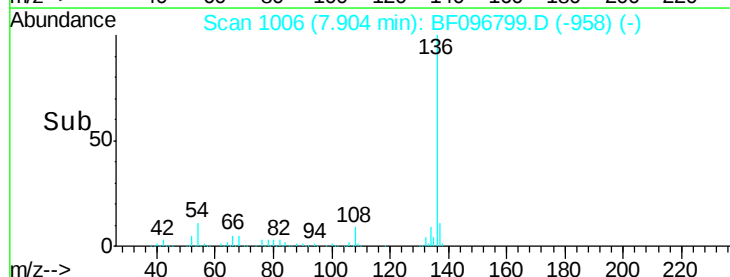
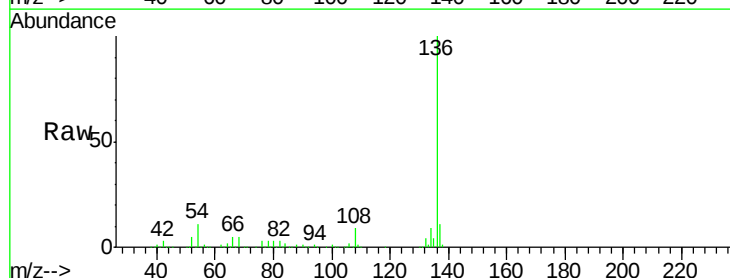
Ion 137.00 (136.70 to 137.70): E

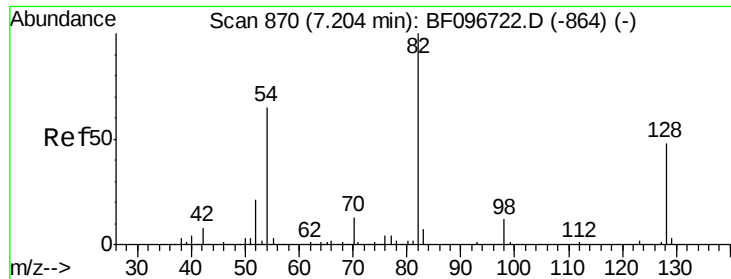
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





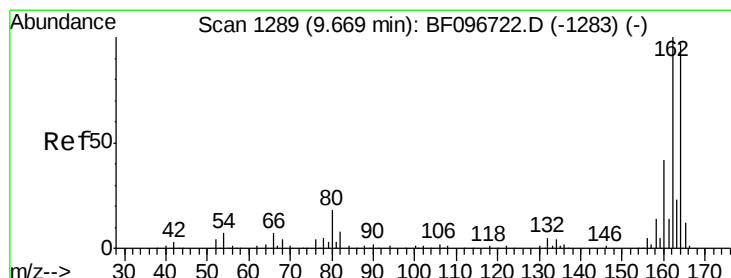
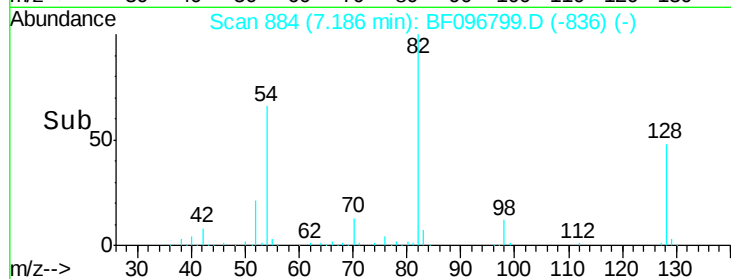
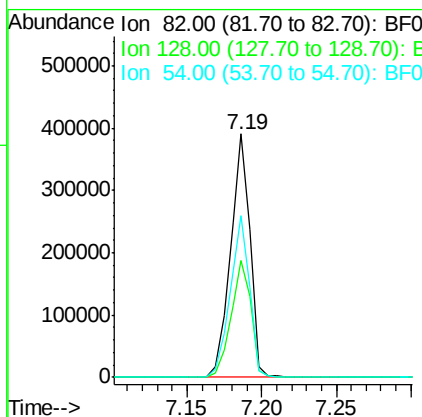
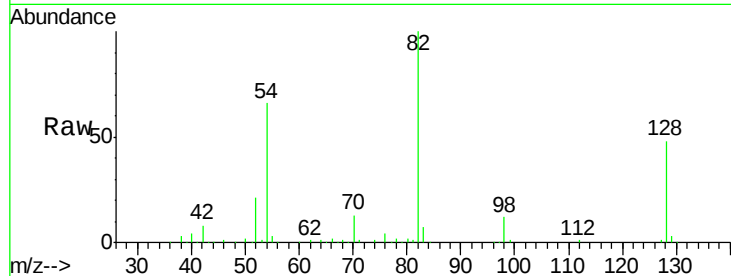
#23
 Nitrobenzene-d5
 Concen: 52.052 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Instrument :
 BNA_F
 ClientSampled :
 CI-SB9-0-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	66.2	42.2	63.2

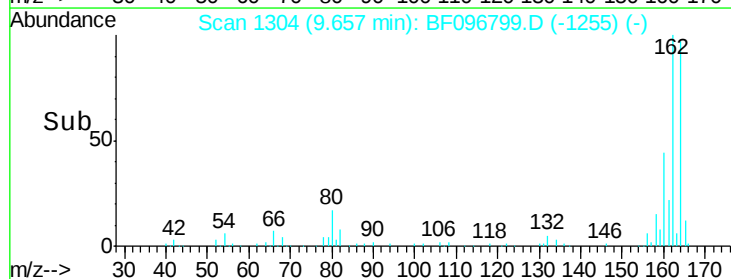
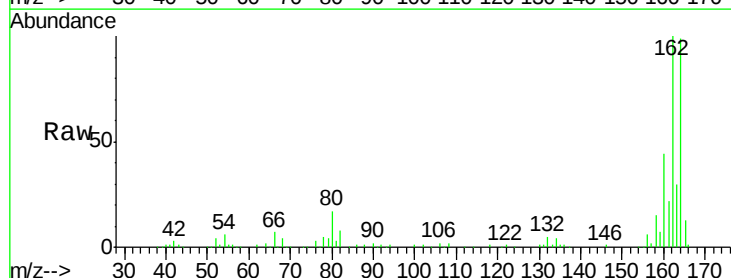
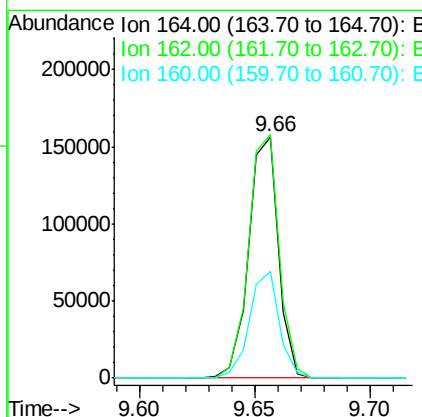
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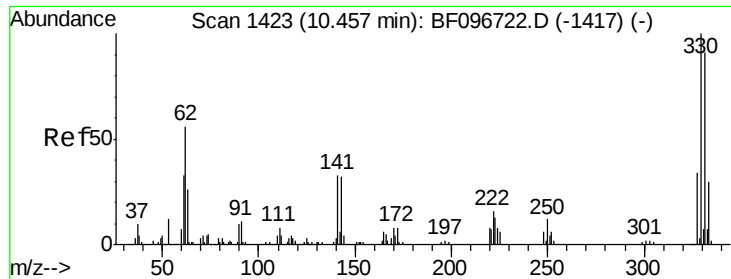
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	44.2	36.2	54.2





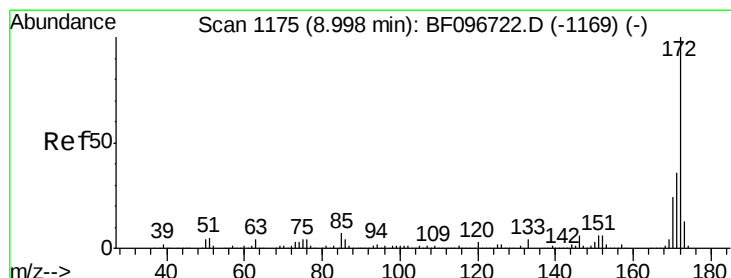
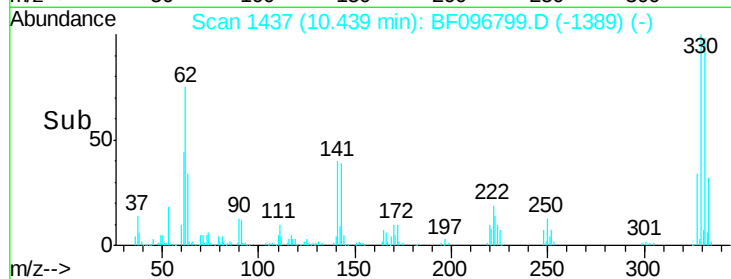
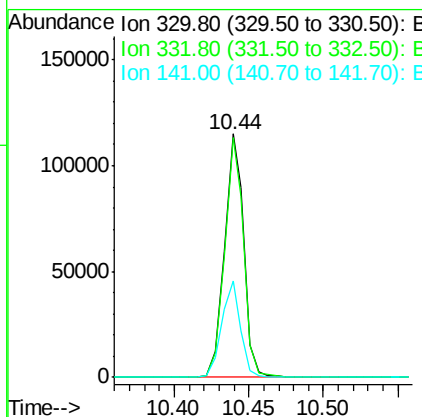
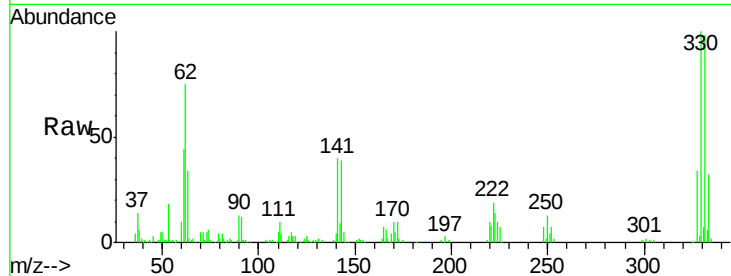
#41
 2,4,6-Tribromophenol
 Concen: 87.585 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB9-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	105486		
332	96.5	76.6	115.0	
141	38.1	31.4	47.2	

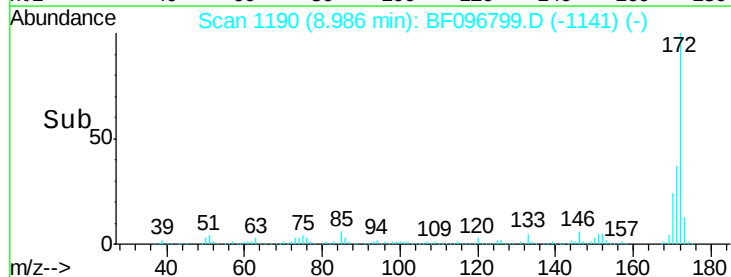
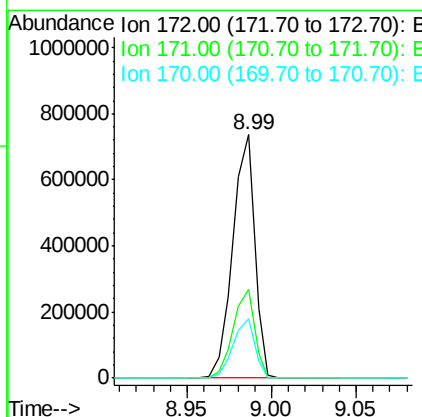
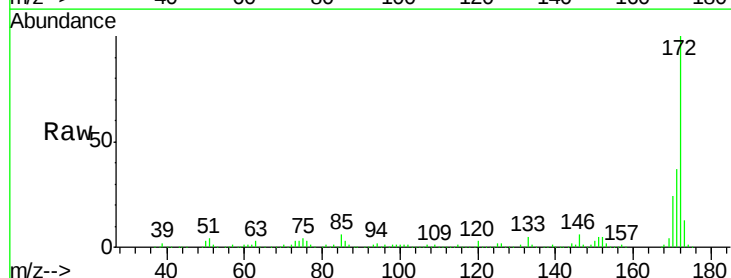
Manual Integrations
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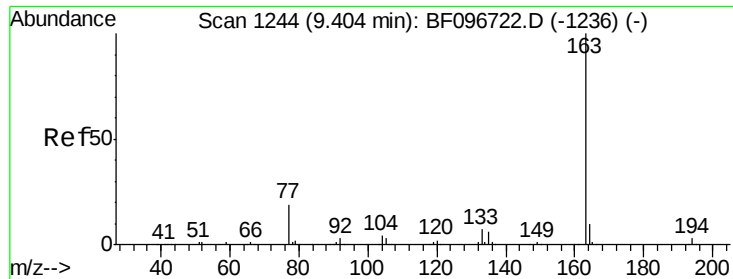
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#44
 2-Fluorobiphenyl
 Concen: 74.478 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	665135		
171	36.5	29.6	44.4	
170	24.1	19.8	29.8	





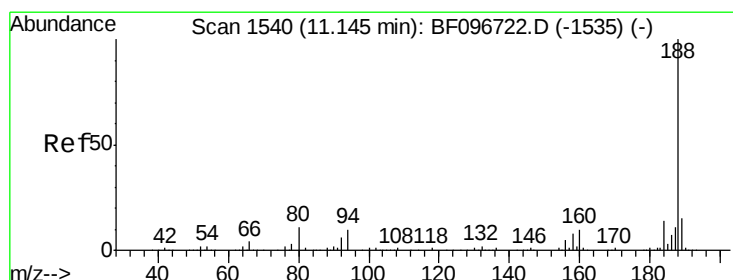
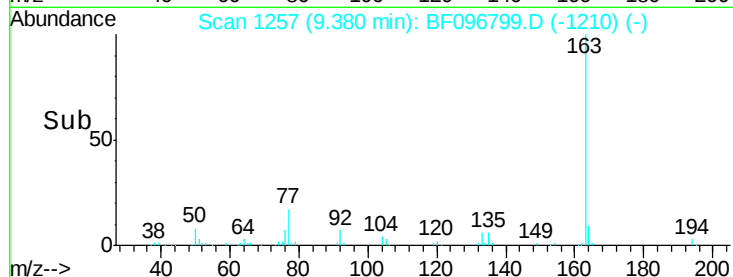
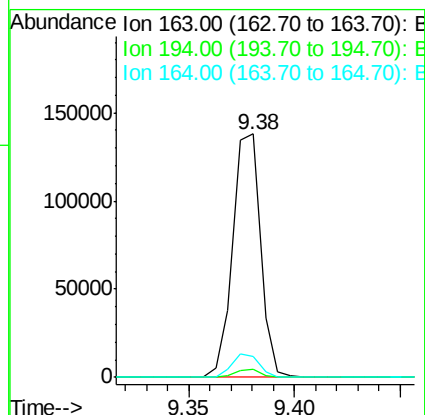
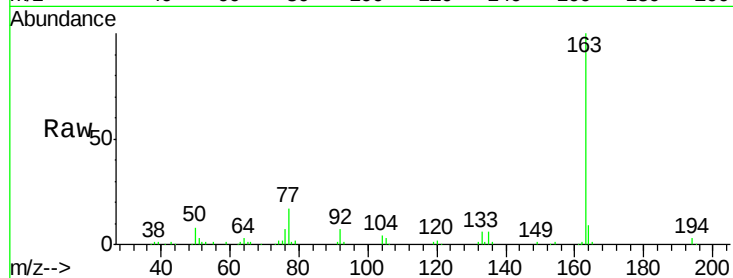
#49
Dimethylphthalate
Concen: 11.756 ng
RT: 9.38 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

Instrument :
BNA_F
ClientSampleId :
CI-SB9-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	8.6	8.4	12.6

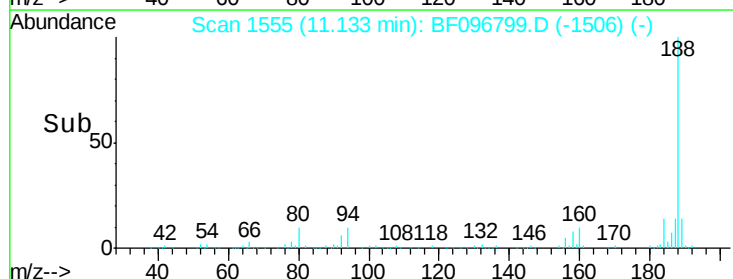
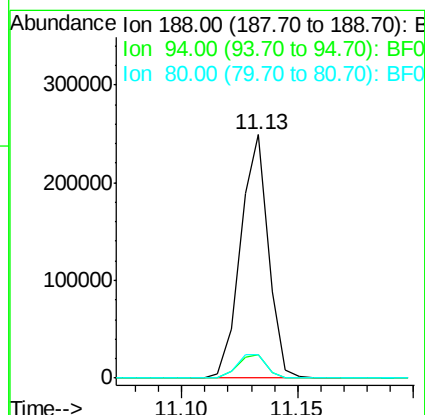
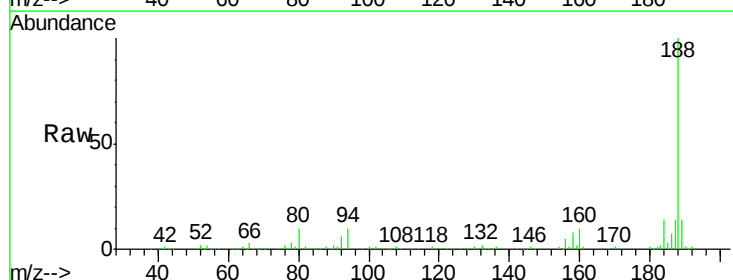
Manual Integrations
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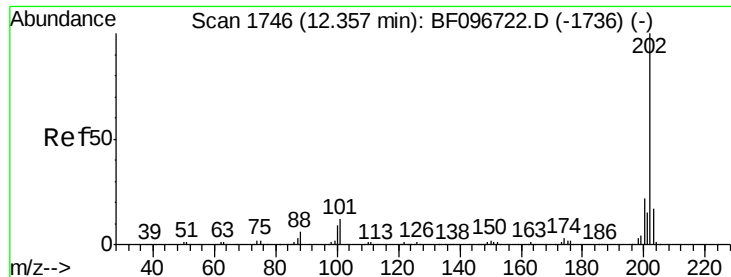
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

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





#74

Fluoranthene

Concen: 6.178 ng

RT: 12.34 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF096799.D

Acq: 15 Jul 2017 4:06

Instrument :

BNA_F

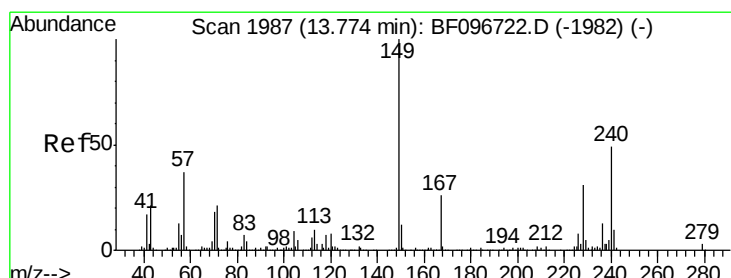
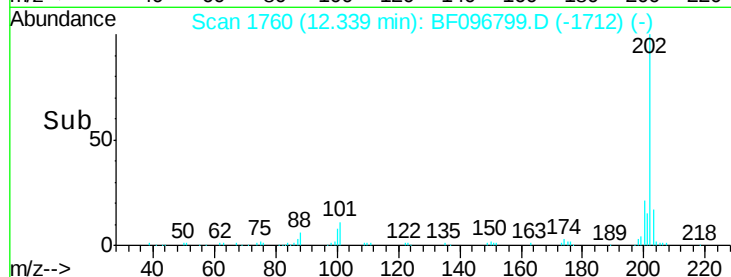
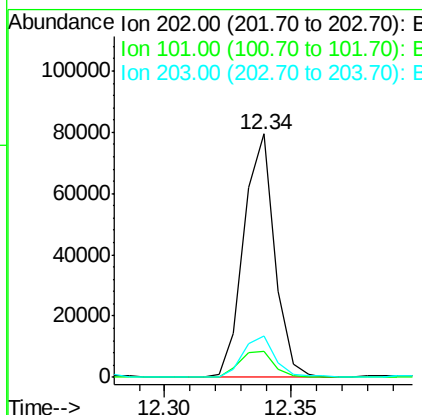
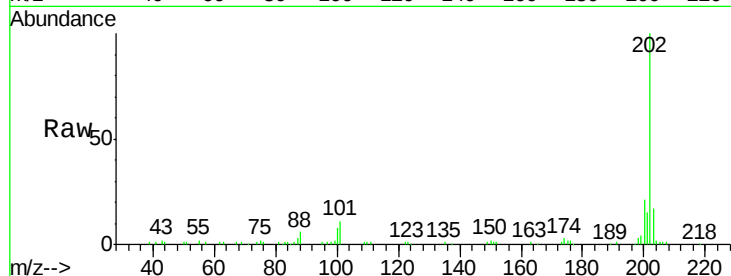
ClientSampled :

CI-SB9-0-2

Tgt Ion:	202	Resp:	67068
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	33.2
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

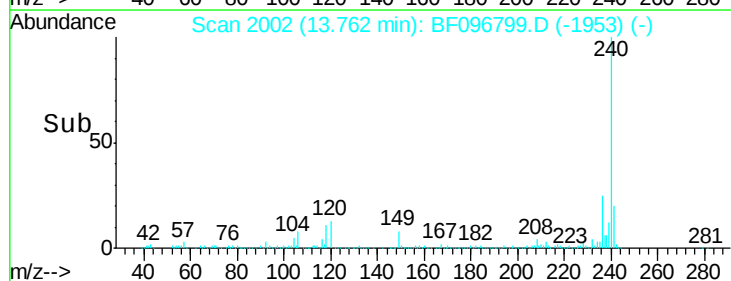
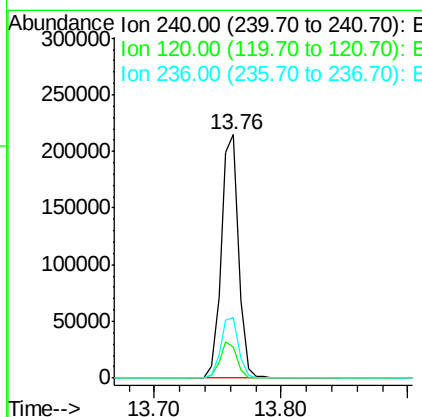
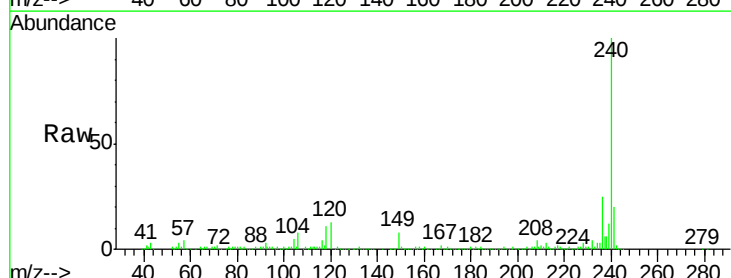
RT: 13.76 min Scan# 2002

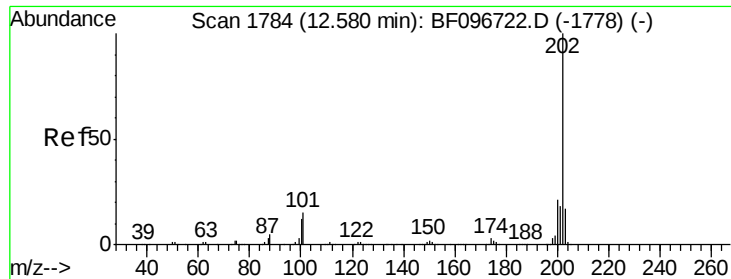
Delta R.T. -0.01 min

Lab File: BF096799.D

Acq: 15 Jul 2017 4:06

Tgt Ion:	240	Resp:	204473
Ion Ratio	Lower	Upper	
240	100		
120	12.6	5.8	8.8#
236	25.1	20.5	30.7





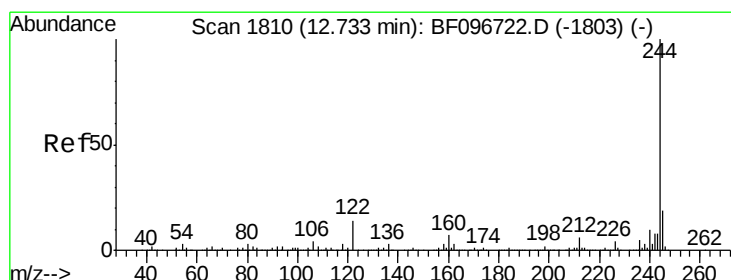
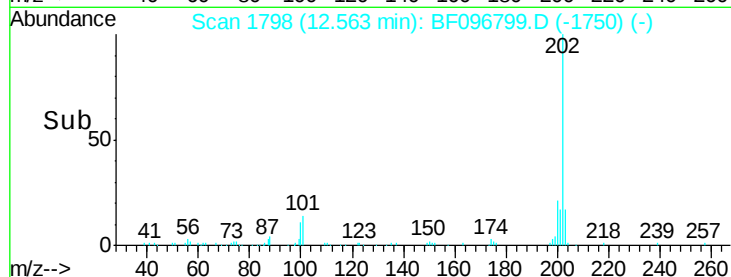
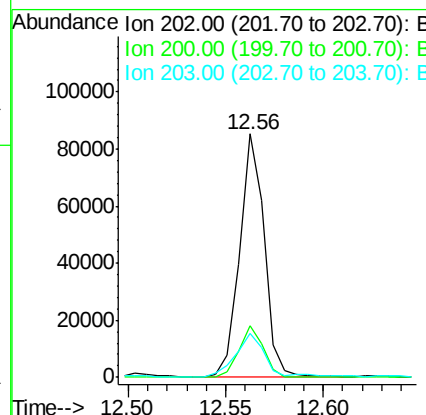
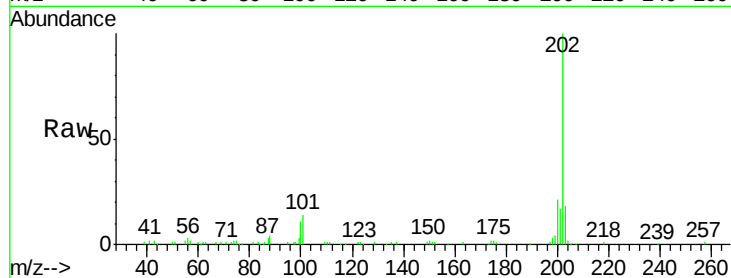
#77
 Pyrene
 Concen: 4.035 ng
 RT: 12.56 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Instrument :
 BNA_F
 ClientSampled :
 CI-SB9-0-2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.8	14.4	21.6

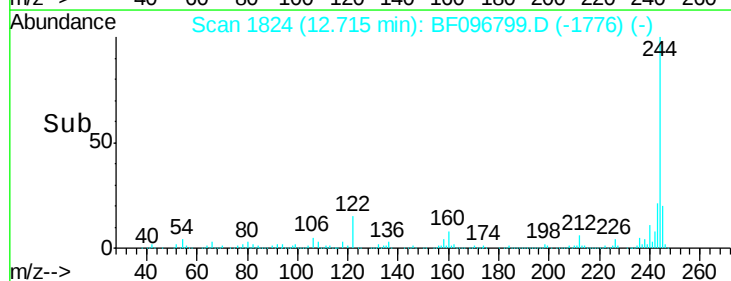
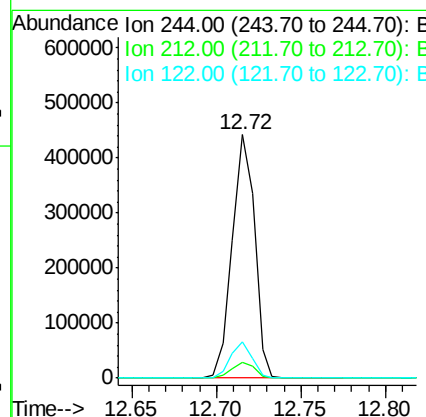
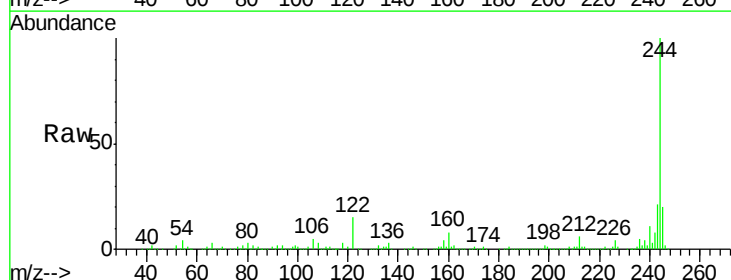
Manual Integrations
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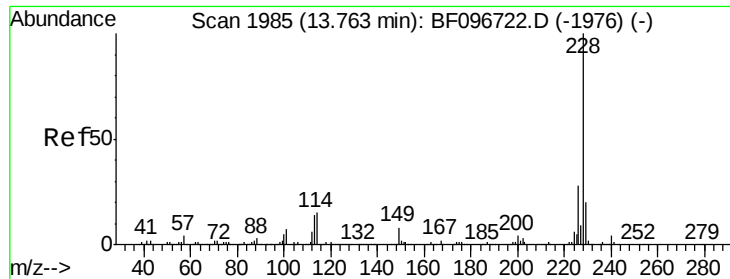
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#78
 Terphenyl-d14
 Concen: 34.586 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	15.0	10.3	15.5





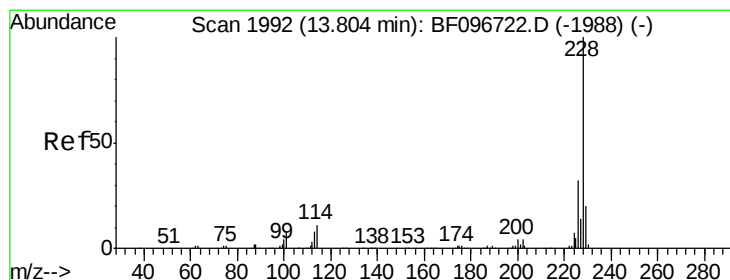
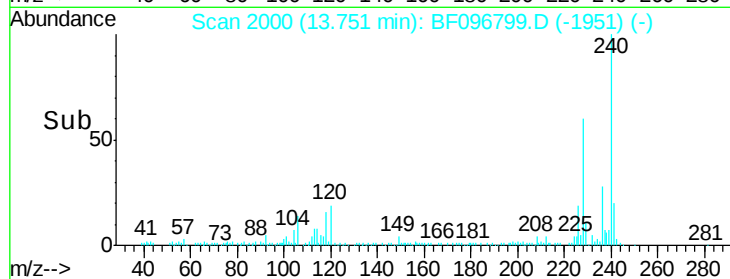
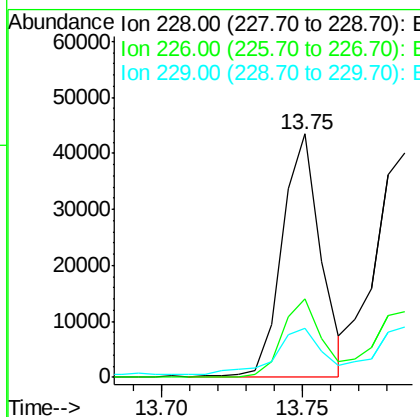
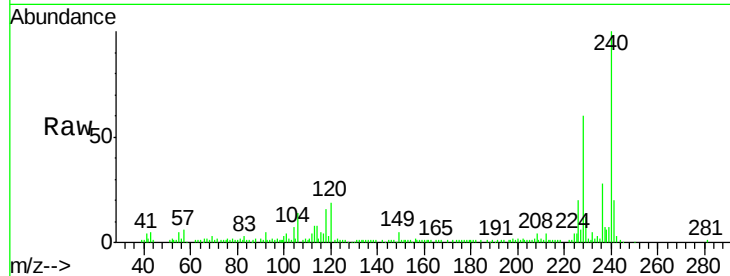
#80
Benzo(a)anthracene
Concen: 3.245 ng
RT: 13.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

Instrument :
BNA_F
ClientSampleId :
CI-SB9-0-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	19.9	16.3	24.5

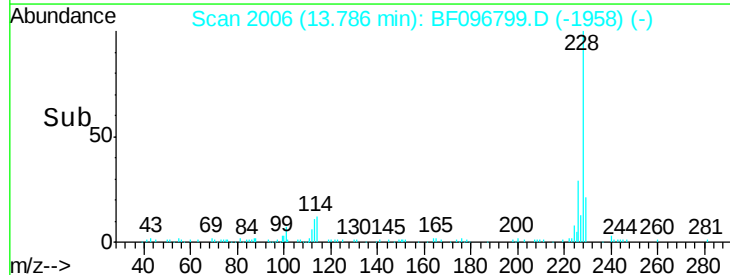
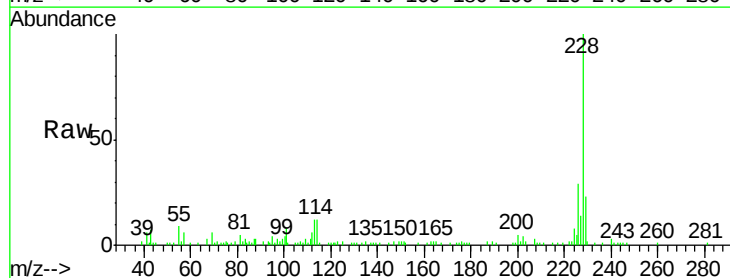
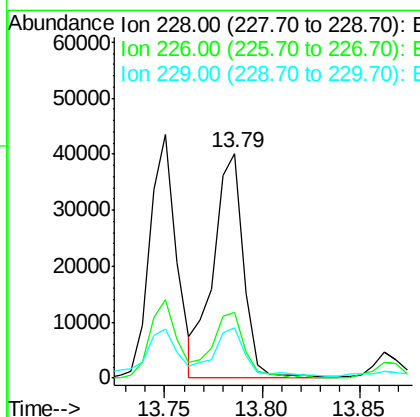
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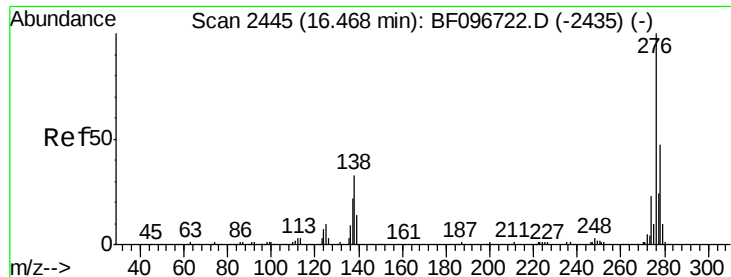
mohammad
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#82
Chrysene
Concen: 3.472 ng
RT: 13.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	22.5	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.871 ng

RT: 16.44 min Scan# 2457

Delta R.T. -0.03 min

Lab File: BF096799.D

Acq: 15 Jul 2017 4:06

Instrument :

BNA_F

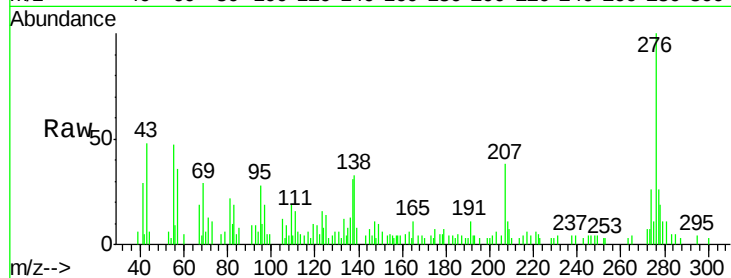
ClientSampleId :

CI-SB9-0-2

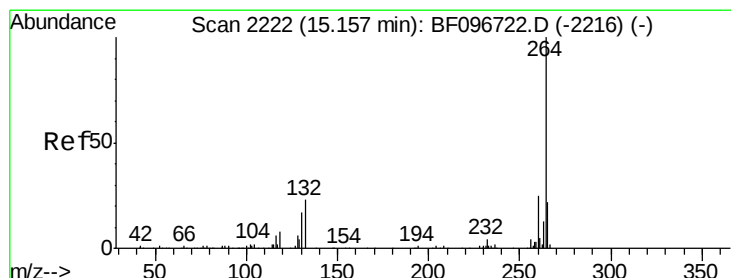
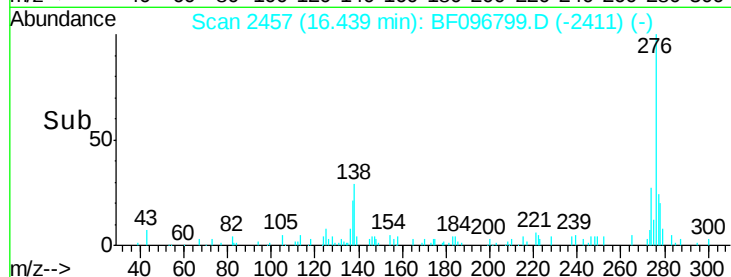
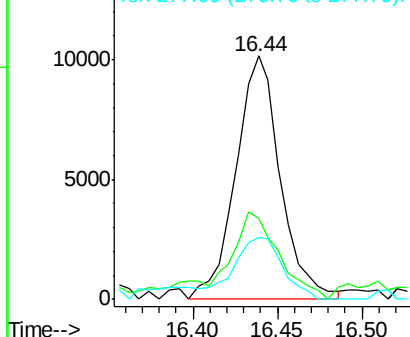
Tgt Ion:	276	Resp:	18617
Ion Ratio	Lower	Upper	
276	100		
138	44.8	27.8	41.6#
277	28.3	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

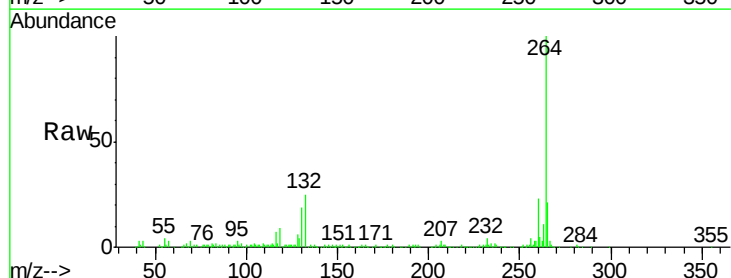
RT: 15.14 min Scan# 2236

Delta R.T. -0.02 min

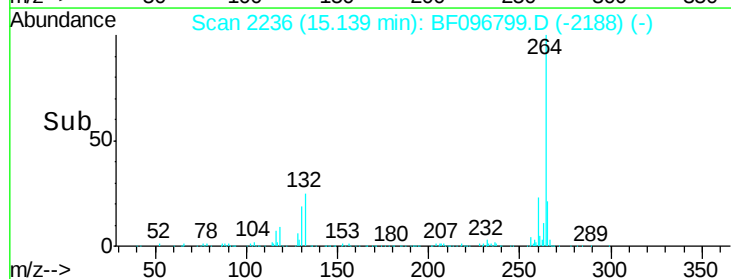
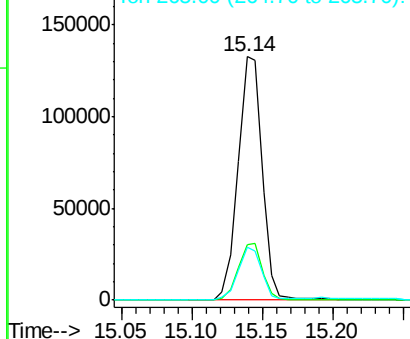
Lab File: BF096799.D

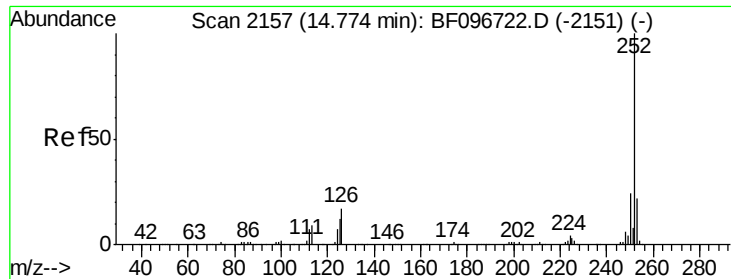
Acq: 15 Jul 2017 4:06

Tgt Ion:	264	Resp:	158892
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.5	29.3
265	21.5	17.2	25.8



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





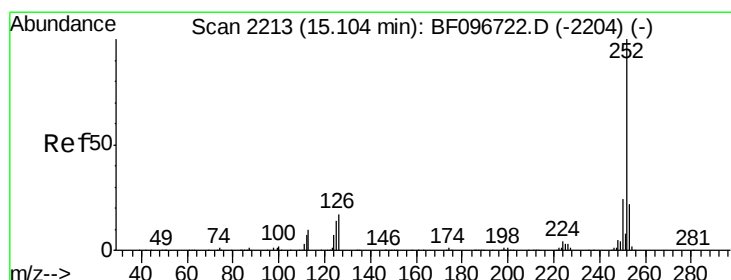
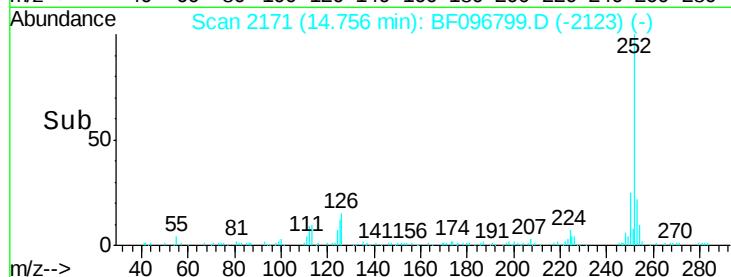
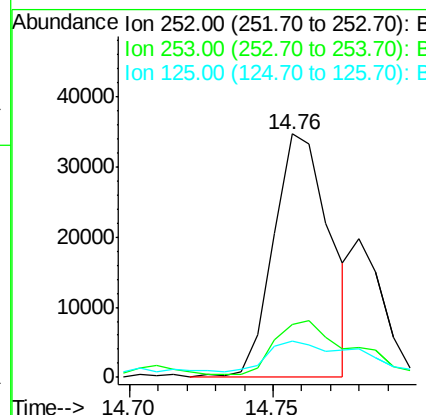
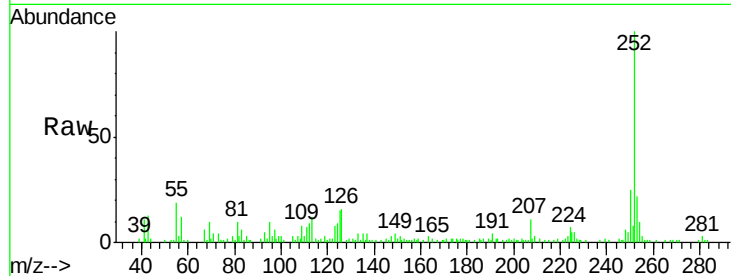
#87
Benzo(b)fluoranthene
Concen: 4.934 ng m
RT: 14.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

Instrument :
BNA_F
ClientSampleId :
CI-SB9-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.6	9.8	14.8

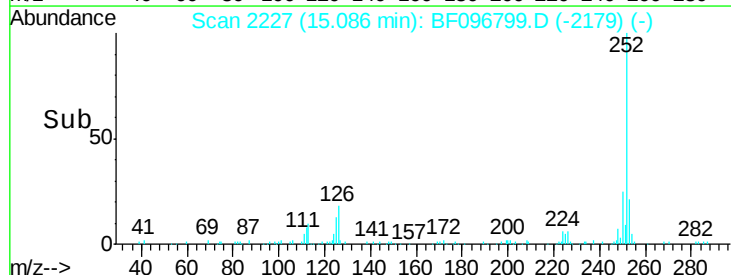
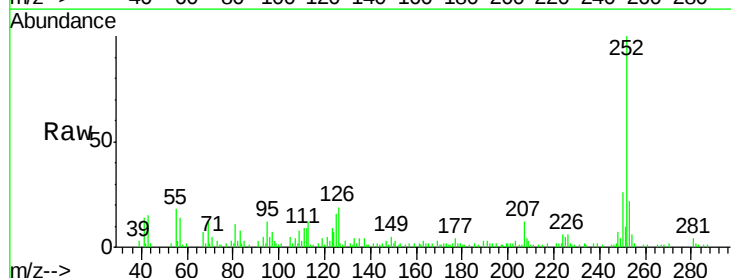
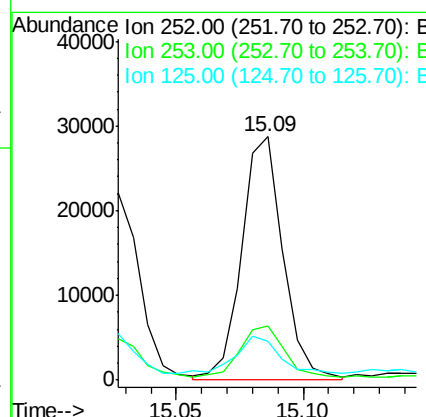
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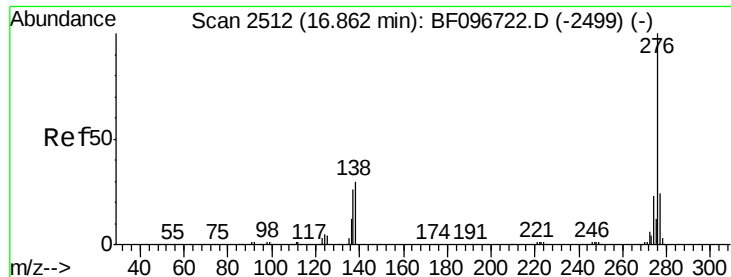
mohammad
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#89
Benzo(a)pyrene
Concen: 3.709 ng
RT: 15.09 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF096799.D
Acq: 15 Jul 2017 4:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	16.0	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 2.089 ng
 RT: 16.82 min Scan# 2522
 Delta R.T. -0.04 min
 Lab File: BF096799.D
 Acq: 15 Jul 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB9-0-2

Tgt Ion:	276	Resp:	18095
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	33.4	25.4	38.0

Manual Integrations
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