

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095731.D
 Acq On : 7 Jun 2017 2:55
 Operator : SJ/MA
 Sample : I3482-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-B

Manual Integrations
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Quant Time: Jun 07 04:43:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	71191	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	266436	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	103046	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	165535	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	139075	20.00	ng	-0.01
86) Perylene-d12	20.02	264	97427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	327400	73.28	ng	-0.02
7) Phenol-d6	6.93	99	374573	70.03	ng	-0.02
23) Nitrobenzene-d5	8.29	82	206522	48.14	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	57692	63.28	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	375732	50.74	ng	-0.02
78) Terphenyl-d14	17.00	244	246687	44.02	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	51521	6.585	ng	99
70) Phenanthrene	14.67	178	26306	2.754	ng	98
74) Fluoranthene	16.44	202	64553	6.829	ng	99
77) Pyrene	16.74	202	69041	6.653	ng	97
80) Benzo(a)anthracene	18.33	228	29385m	3.634	ng	
82) Chrysene	18.38	228	29274	3.623	ng	97
87) Benzo(b)fluoranthene	19.62	252	28609	4.690	ng	# 90
89) Benzo(a)pyrene	19.96	252	20228	3.608	ng	# 93
91) Benzo(g,h,i)perylene	21.54	276	12573	2.593	ng	# 91

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

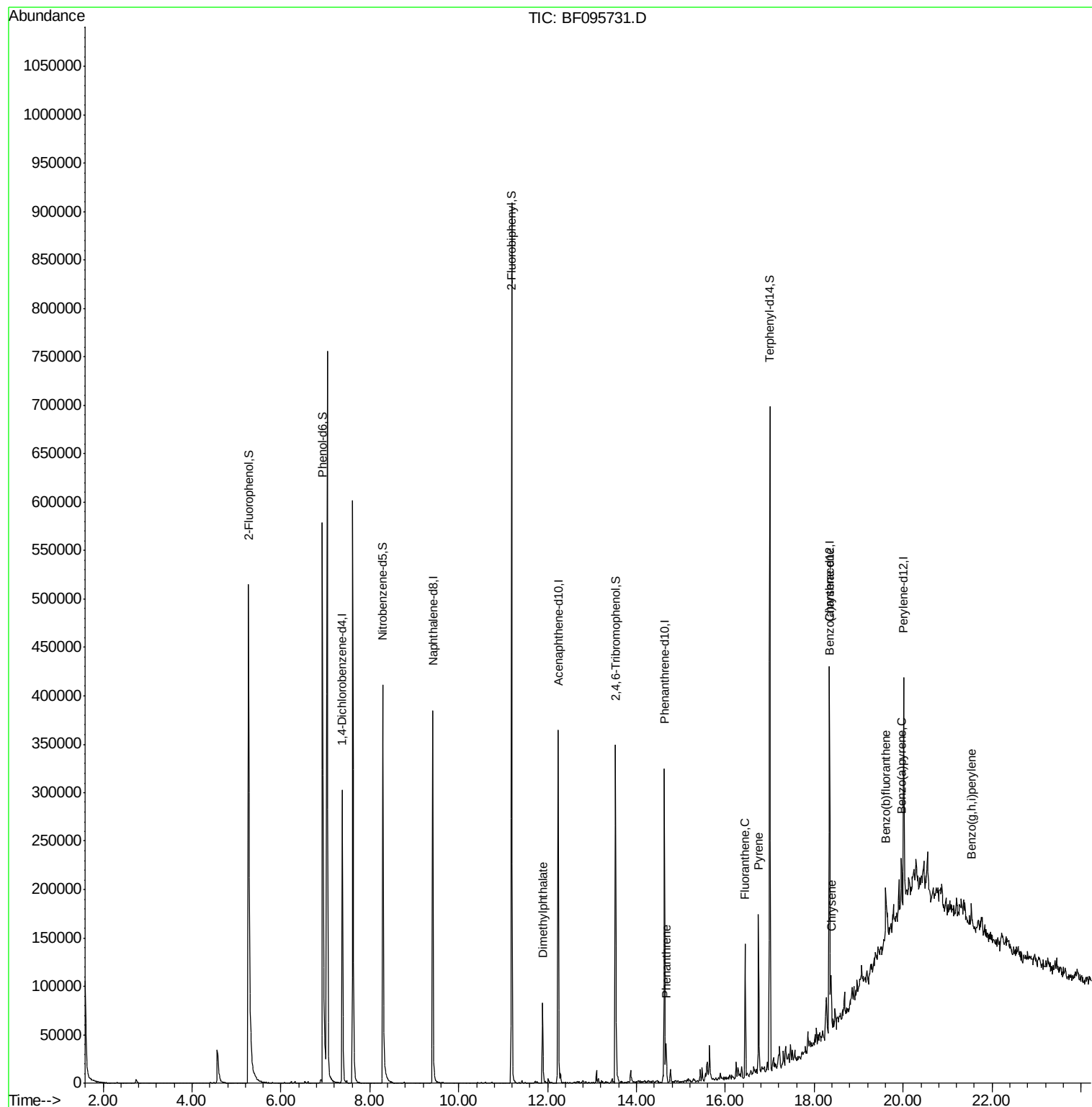
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
Data File : BF095731.D
Acq On : 7 Jun 2017 2:55
Operator : SJ/MA
Sample : I3482-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

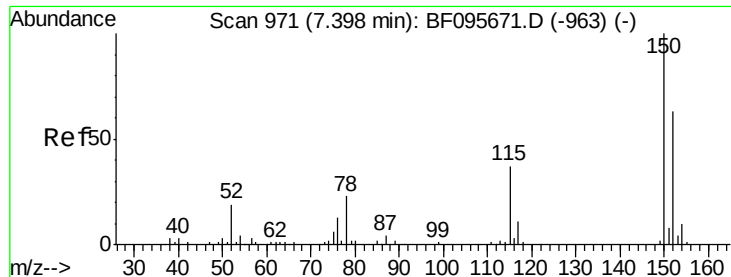
Instrument :
BNA_F
ClientSampleId :
CL-01-060517-B

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

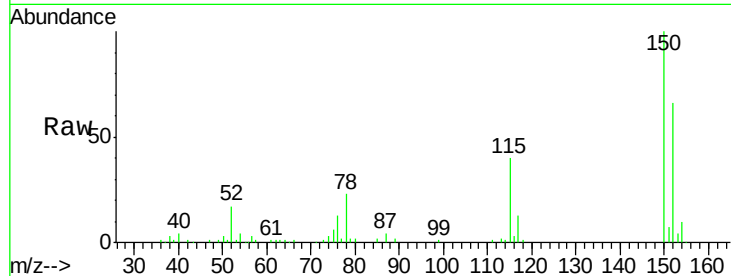
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-B

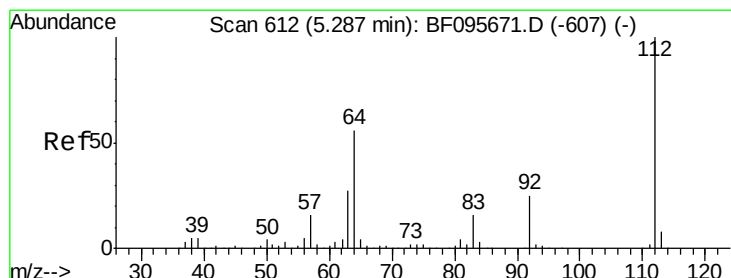
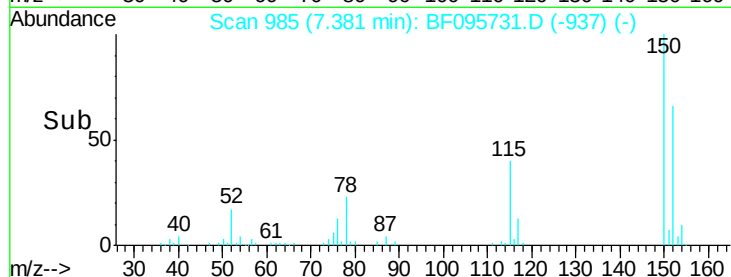
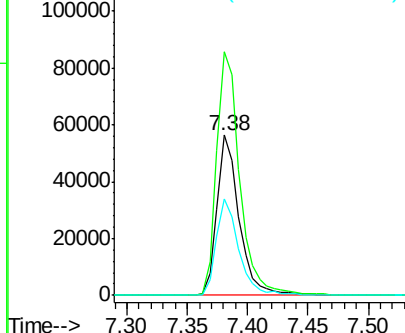
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	60.4	52.2	78.2

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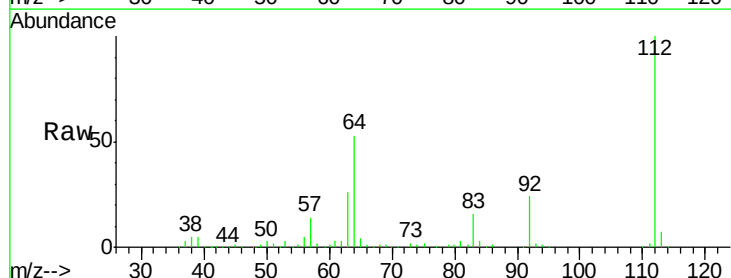
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



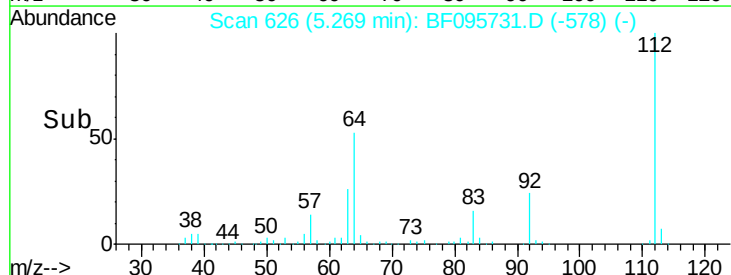
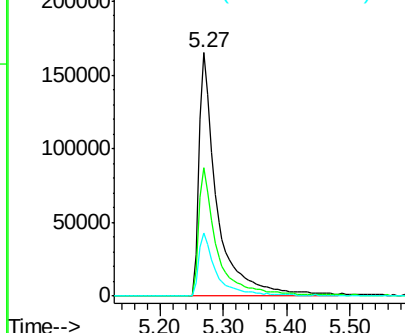
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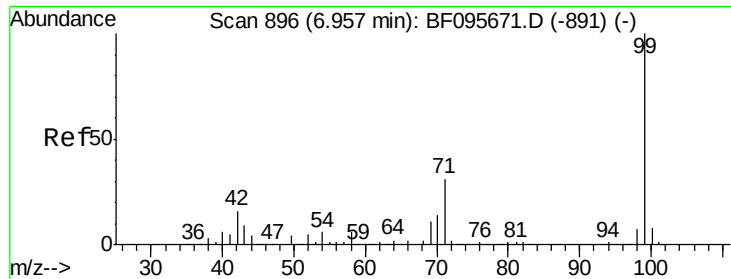
2-Fluorophenol
Concen: 73.281 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.0	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: 70.032 ng

RT: 6.93 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Instrument :

BNA_F

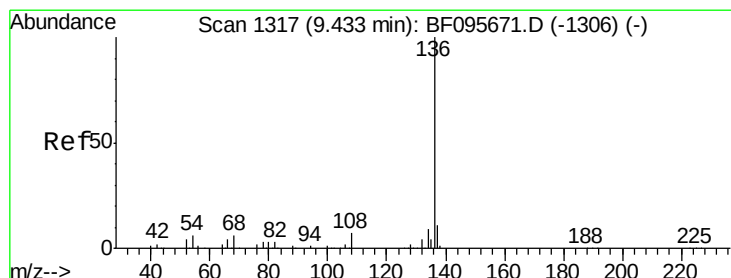
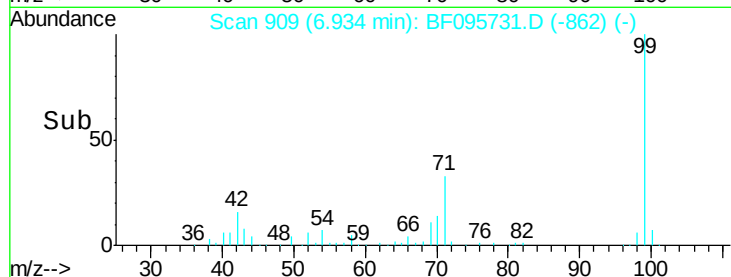
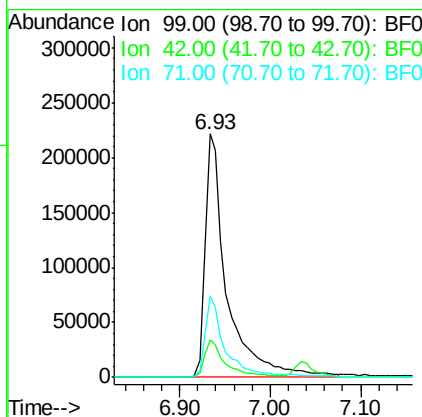
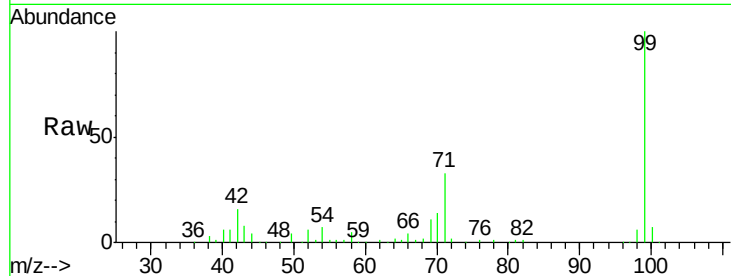
ClientSampleId :

CL-01-060517-B

Tgt Ion:	99	Resp:	374573
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	33.1	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

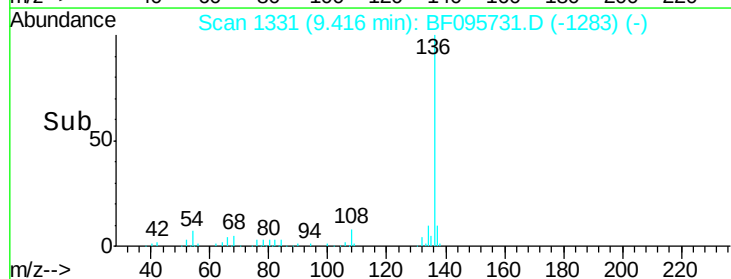
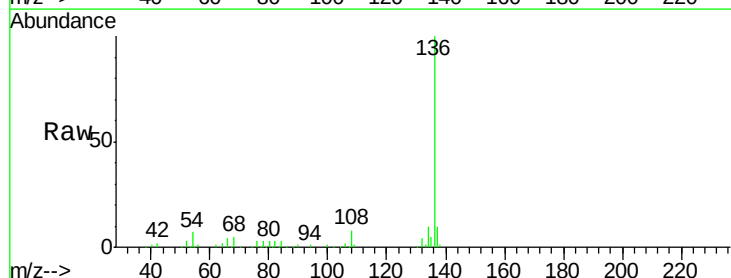
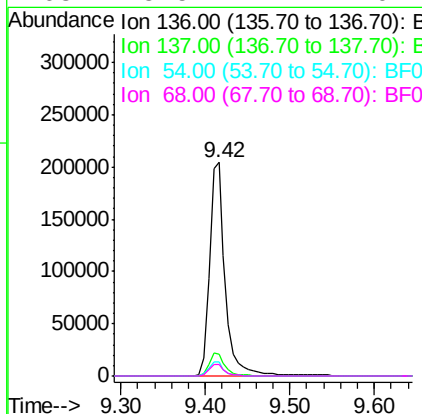
RT: 9.42 min Scan# 1331

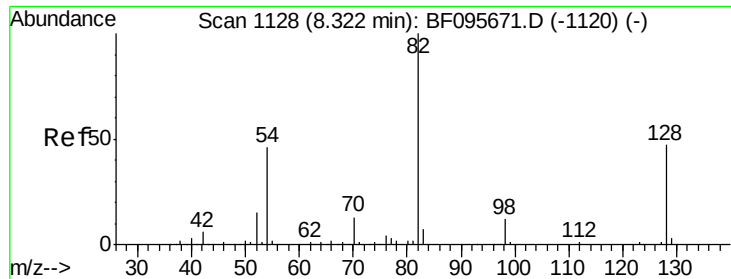
Delta R.T. -0.02 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Tgt Ion:	136	Resp:	266436
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.6	4.9	7.3
68	5.5	4.1	6.1





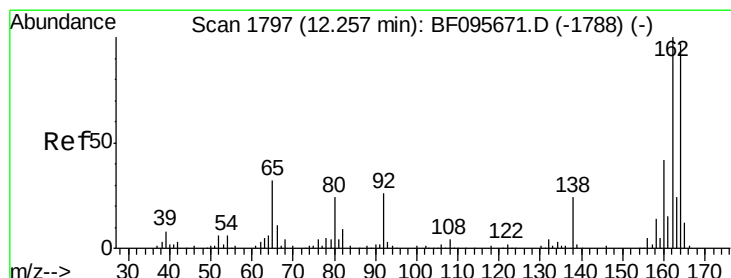
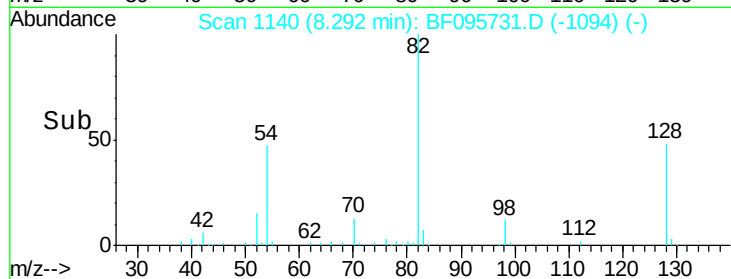
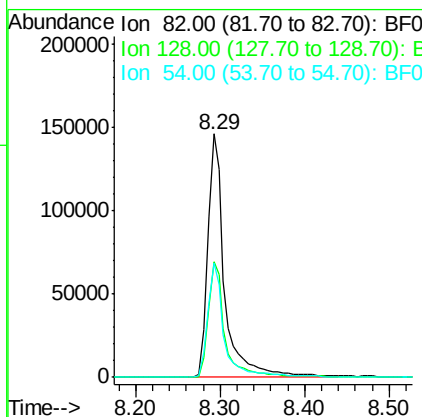
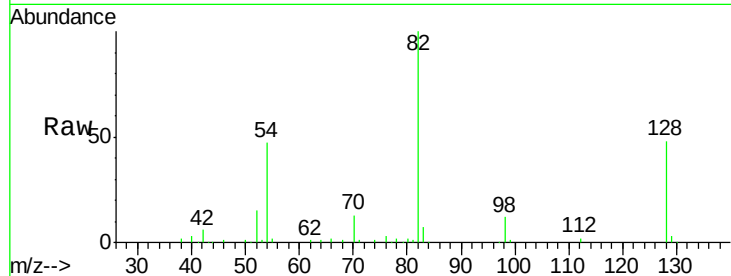
#23
 Nitrobenzene-d5
 Concen: 48.139 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	206522		
128	47.7	34.0	51.0	
54	46.9	42.2	63.2	

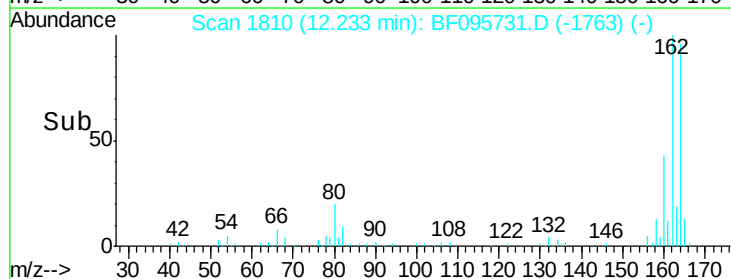
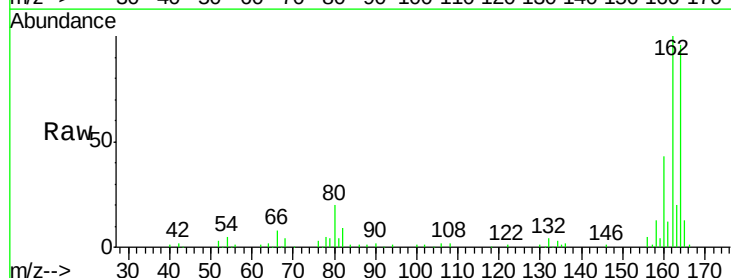
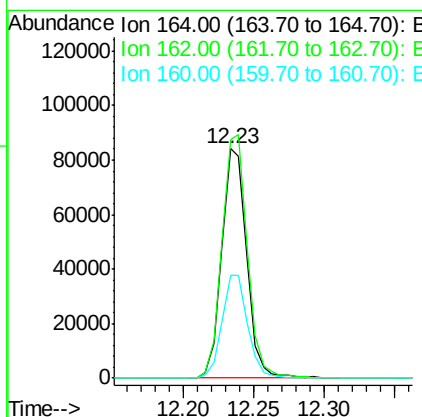
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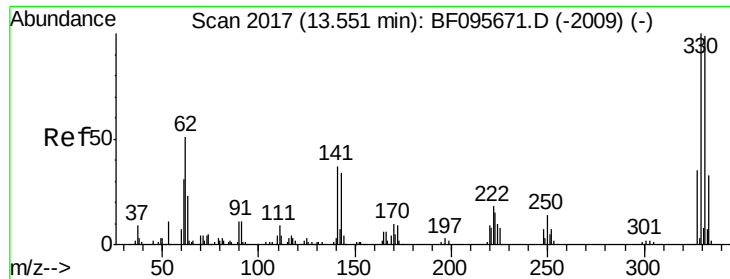
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103046		
162	103.7	82.6	123.8	
160	45.1	36.2	54.2	





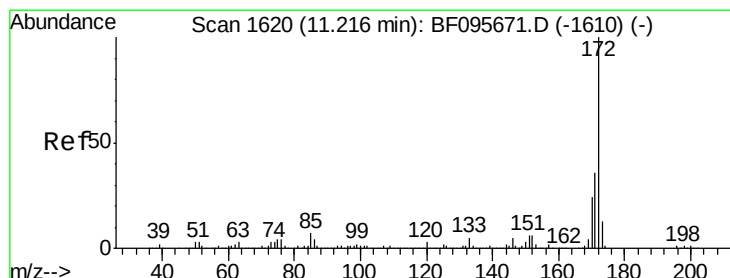
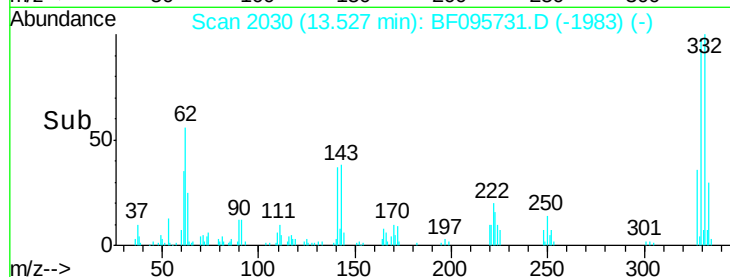
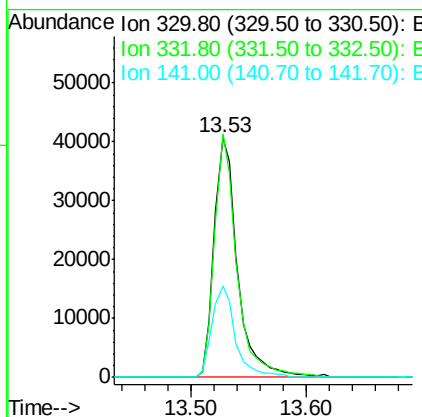
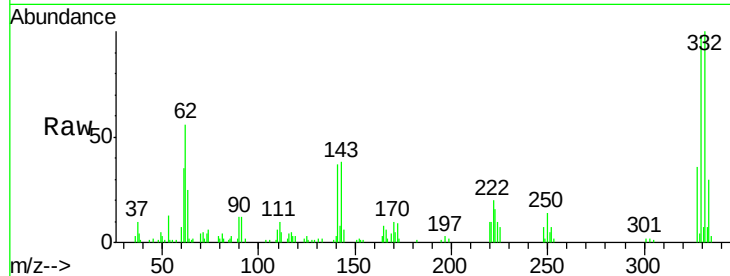
#41
 2,4,6-Tribromophenol
 Concen: 63.278 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-B

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	57692		
332	96.7	76.6	115.0	
141	37.9	31.4	47.2	

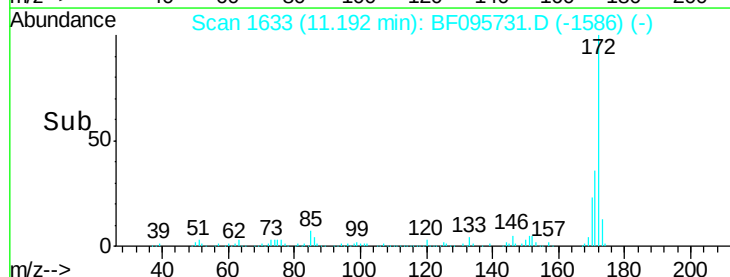
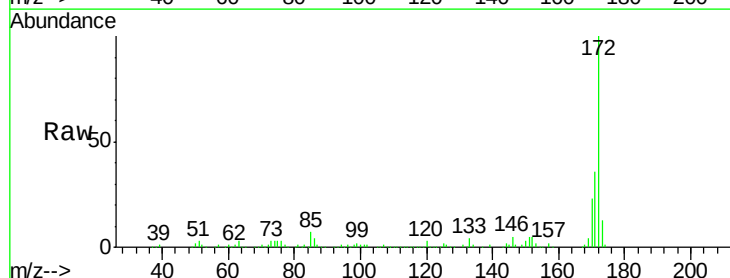
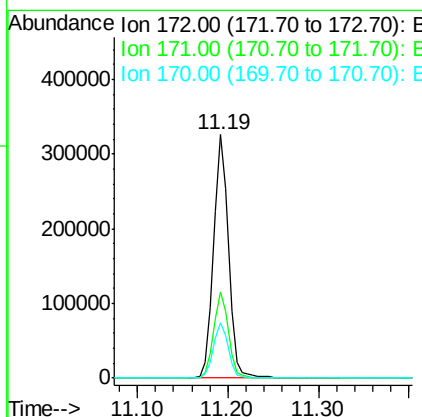
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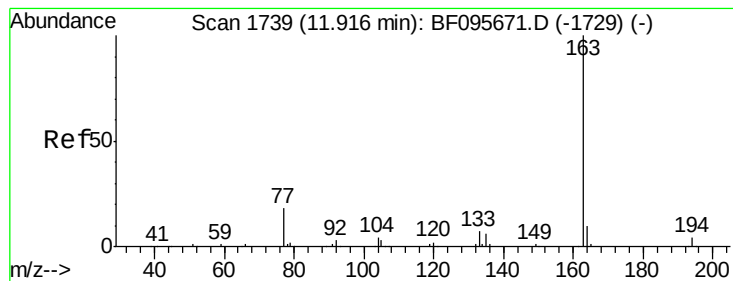
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#44
 2-Fluorobiphenyl
 Concen: 50.740 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	375732		
171	35.5	29.6	44.4	
170	22.8	19.8	29.8	





#49

Dimethylphthalate

Concen: 6.585 ng

RT: 11.89 min Scan# 1751

Delta R.T. -0.03 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Instrument :

BNA_F

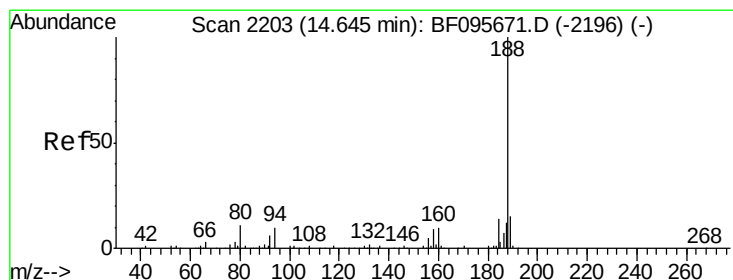
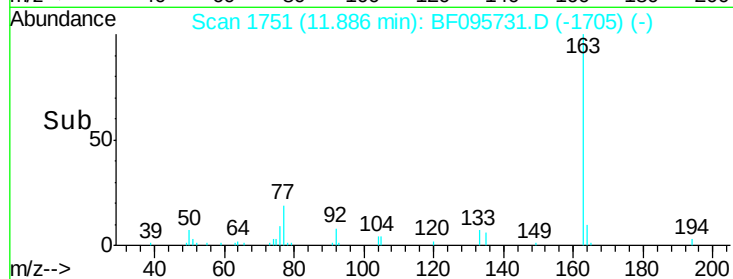
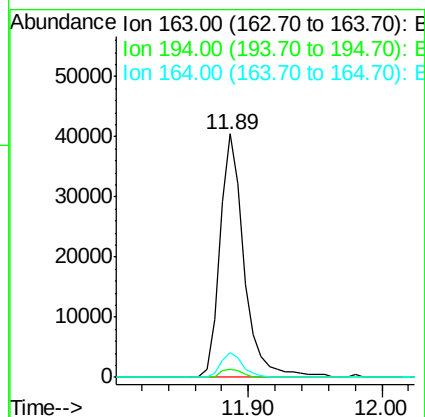
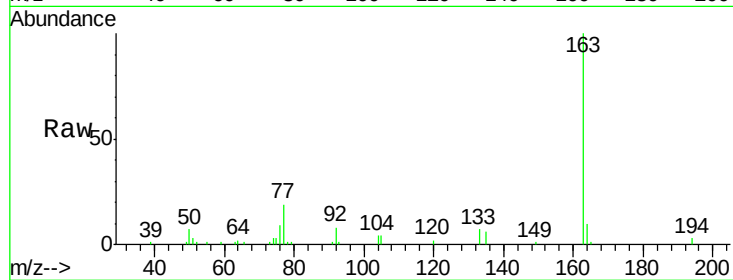
ClientSampleId :

CL-01-060517-B

Tgt Ion:	163	Resp:	51521
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

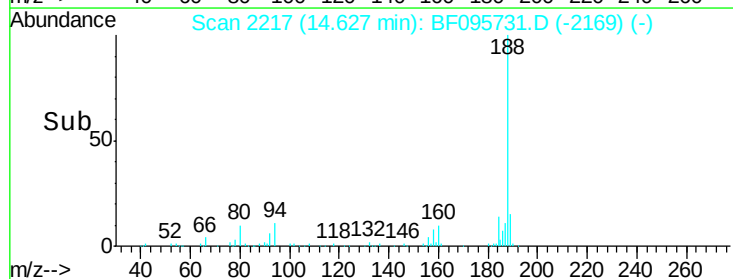
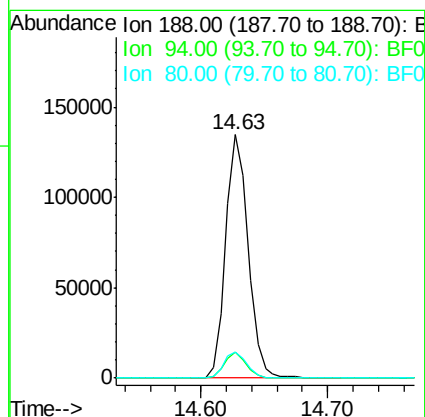
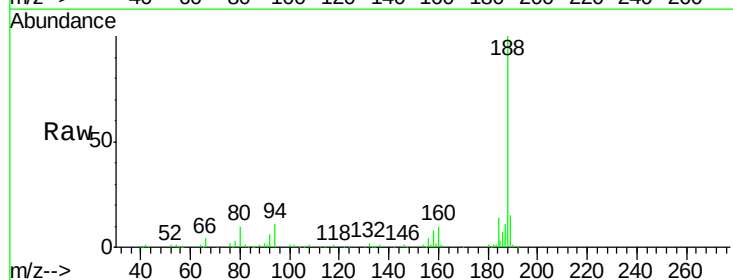
RT: 14.63 min Scan# 2217

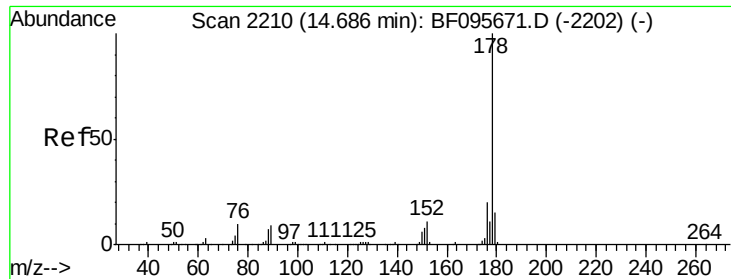
Delta R.T. -0.02 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Tgt Ion:	188	Resp:	165535
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	10.5	10.2	15.2





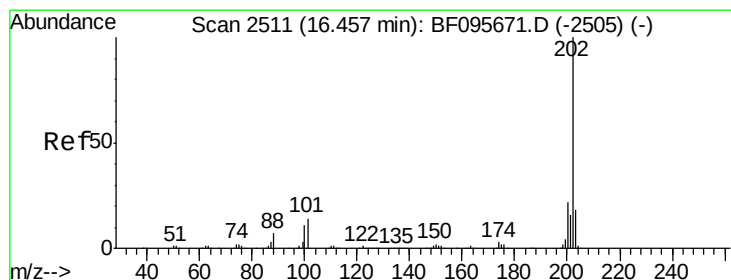
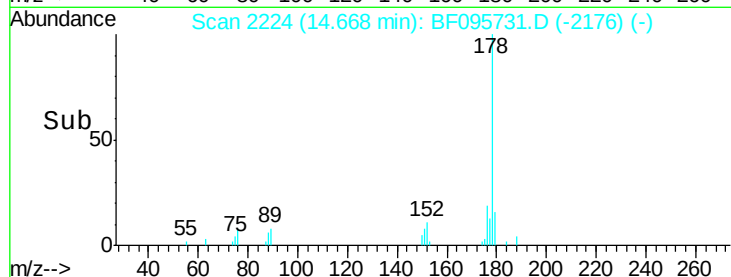
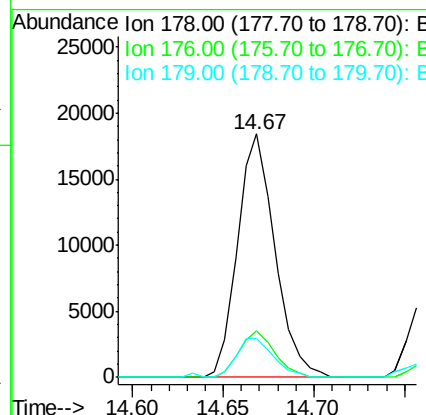
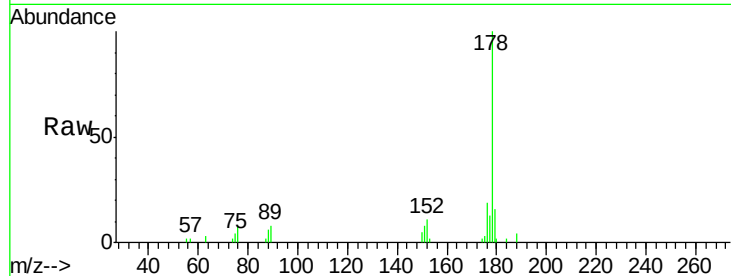
#70
Phenanthrene
Concen: 2.754 ng
RT: 14.67 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Instrument :
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CL-01-060517-B

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.8	12.6	19.0

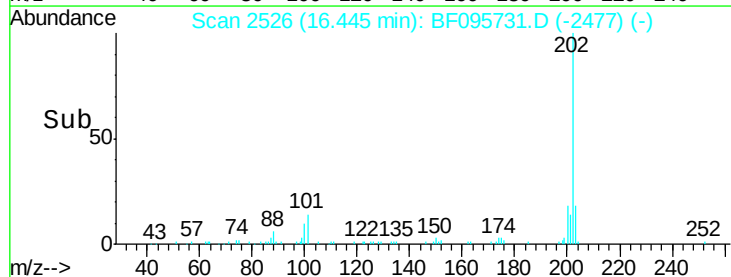
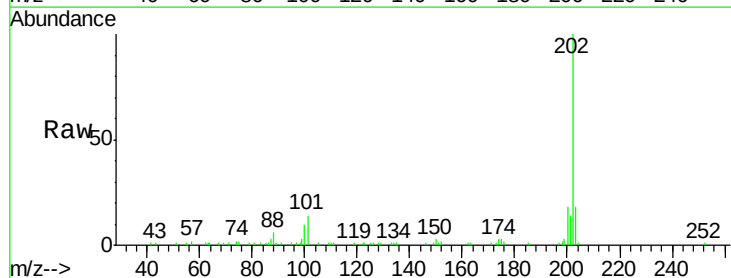
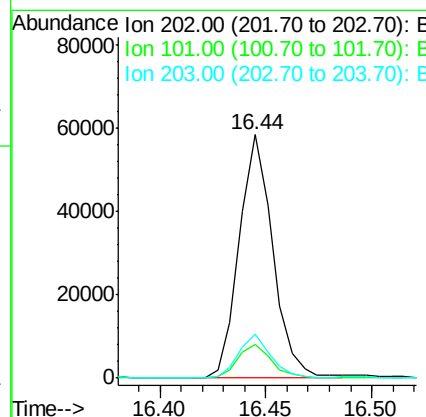
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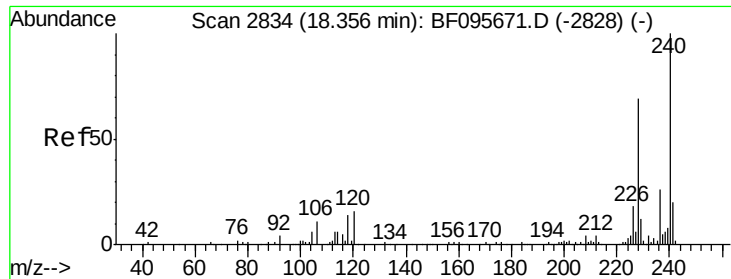
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#74
Fluoranthene
Concen: 6.829 ng
RT: 16.44 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.34 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Instrument :

BNA_F

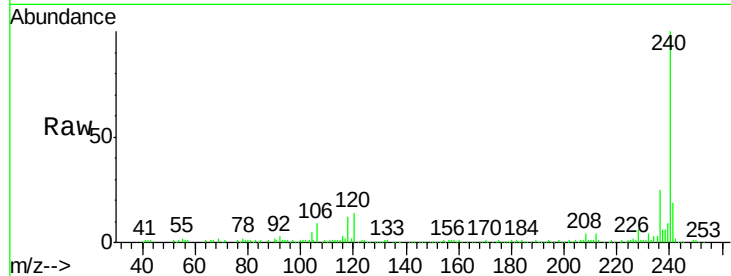
ClientSampleId :

CL-01-060517-B

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.8	20.5	30.7

Manual Integrations
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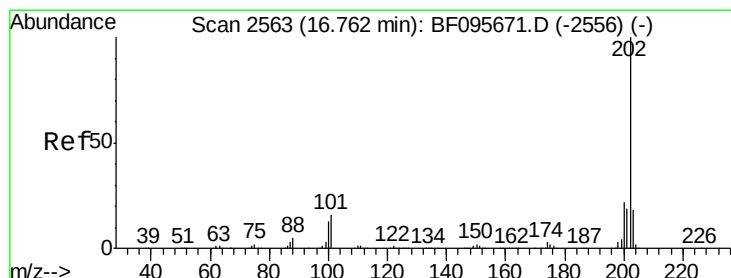
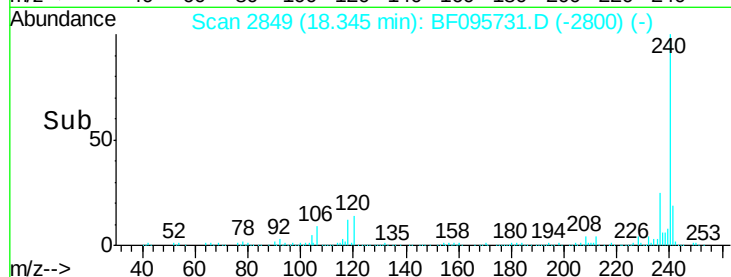
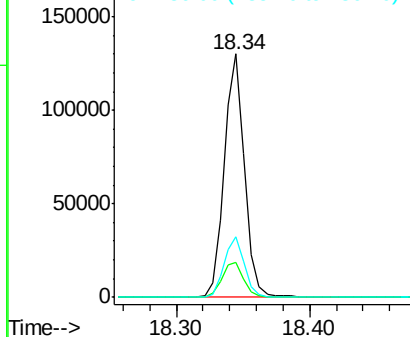
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.653 ng

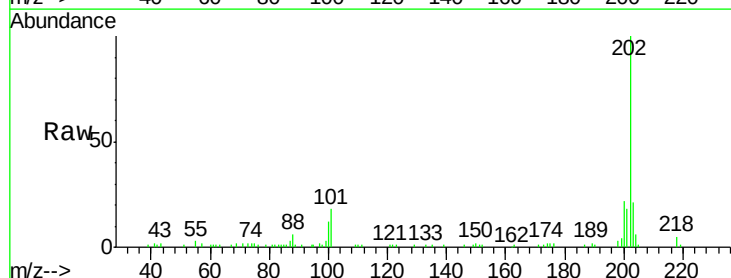
RT: 16.74 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

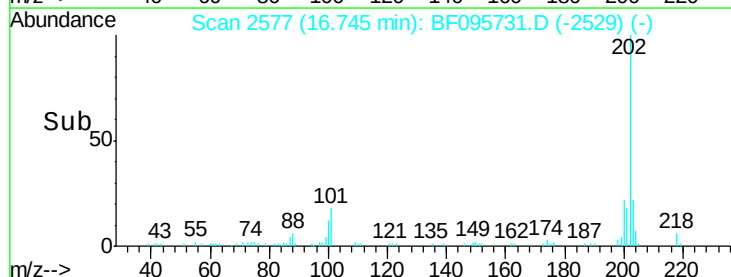
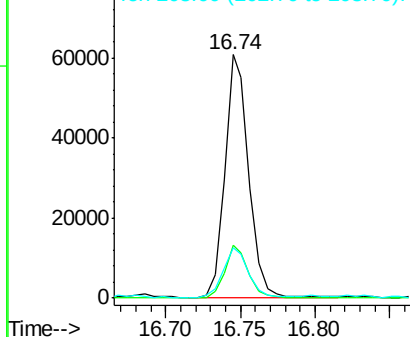
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	20.9	14.4	21.6

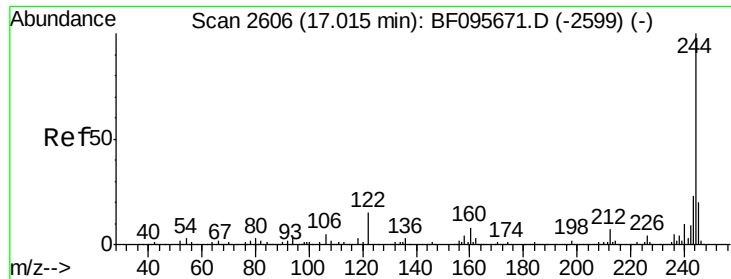


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





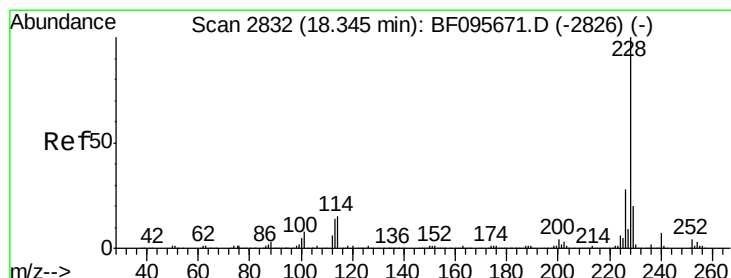
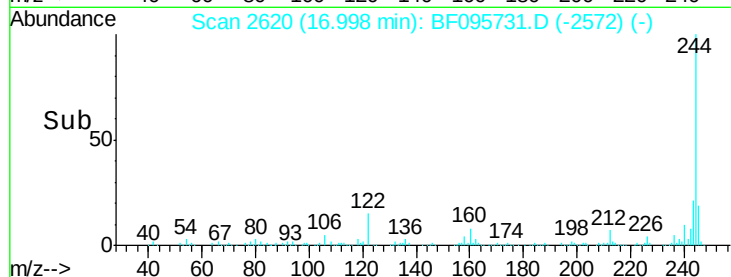
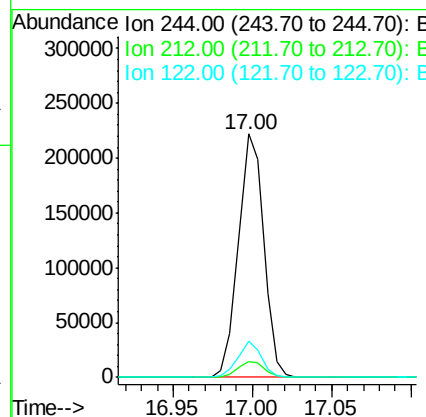
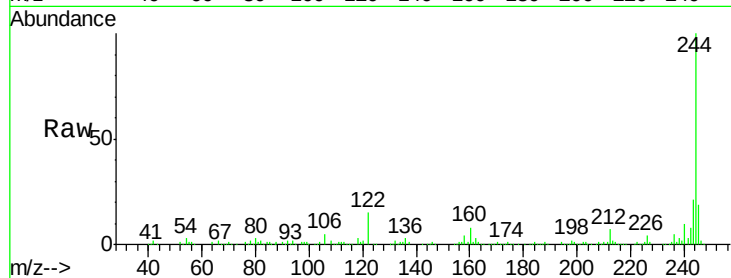
#78
 Terphenyl-d14
 Concen: 44.020 ng
 RT: 17.00 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-060517-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.0	9.0
122	14.7	10.3	15.5

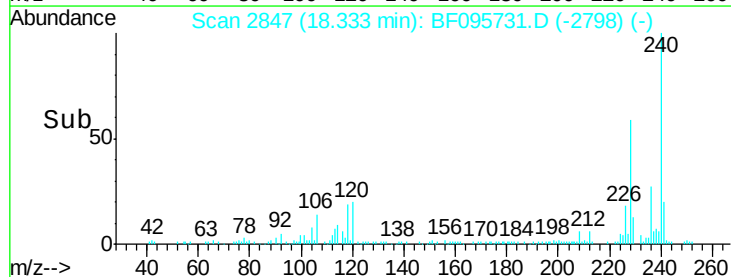
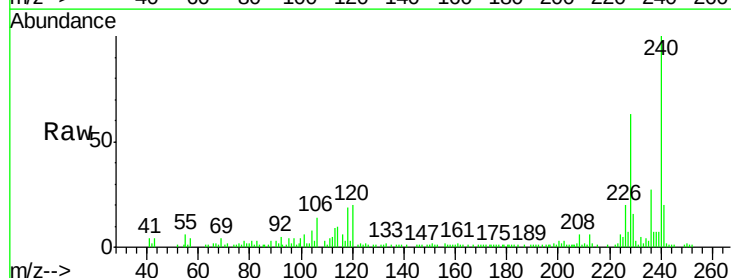
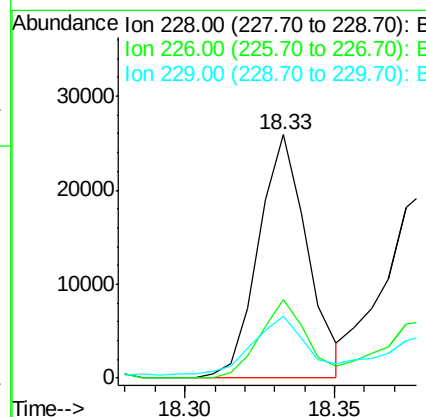
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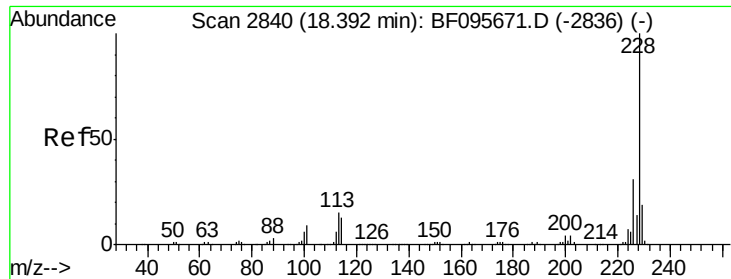
mohammad
 6/7/2017 2:19:14 PM



#80
 Benzo(a)anthracene
 Concen: 3.634 ng m
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095731.D
 Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.3	22.6	33.8
229	25.2	16.3	24.5





#82

Chrysene

Concen: 3.623 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Instrument :

BNA_F

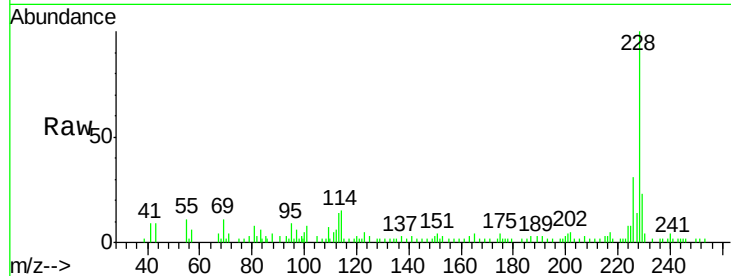
ClientSampled :

CL-01-060517-B

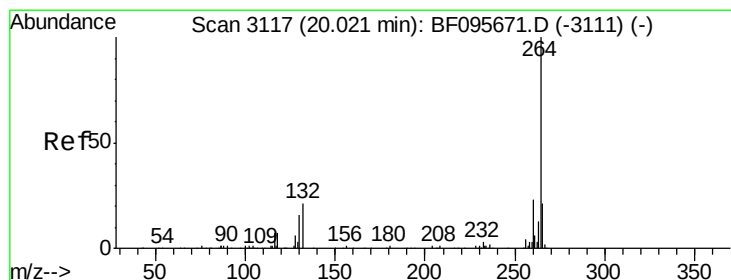
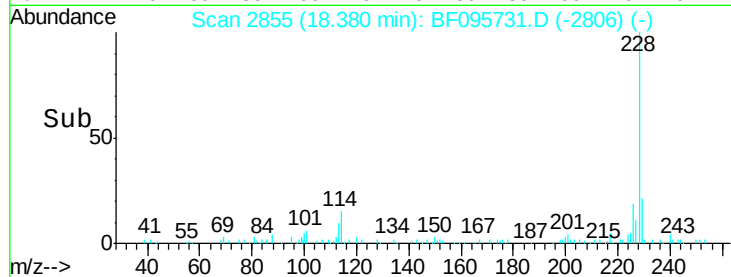
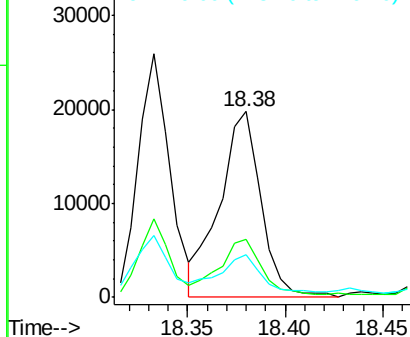
Tgt Ion:	228	Resp:	29274
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	22.9	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

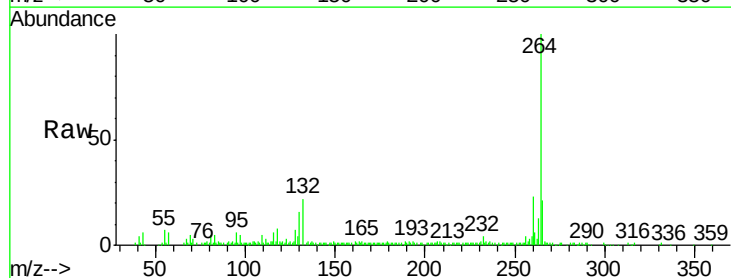
RT: 20.02 min Scan# 3133

Delta R.T. -0.01 min

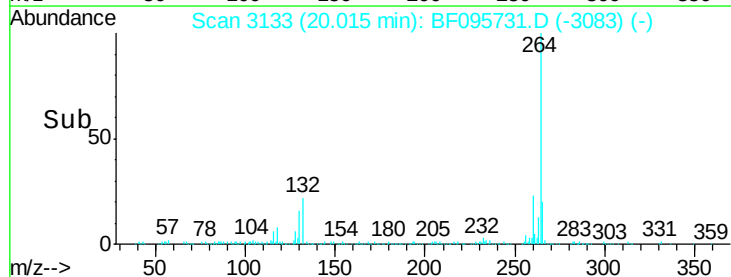
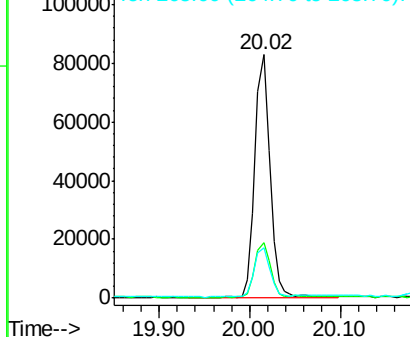
Lab File: BF095731.D

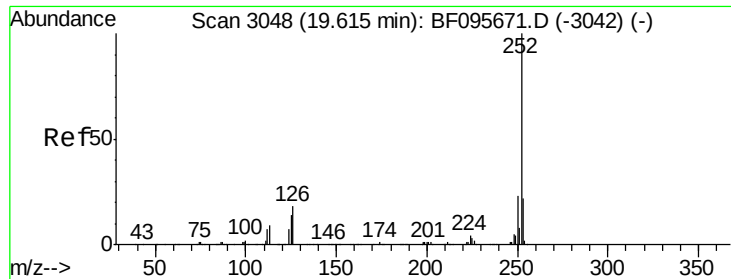
Acq: 7 Jun 2017 2:55

Tgt Ion:	264	Resp:	97427
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	20.9	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





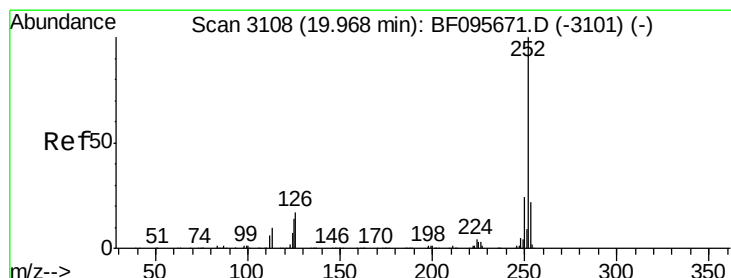
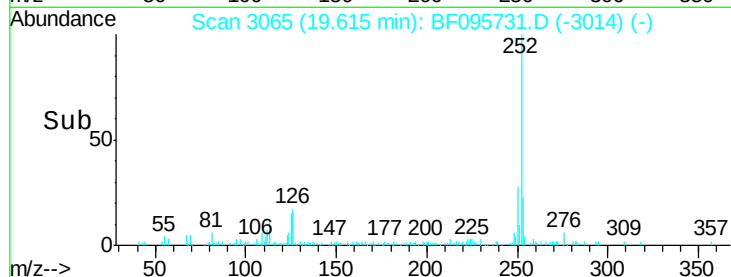
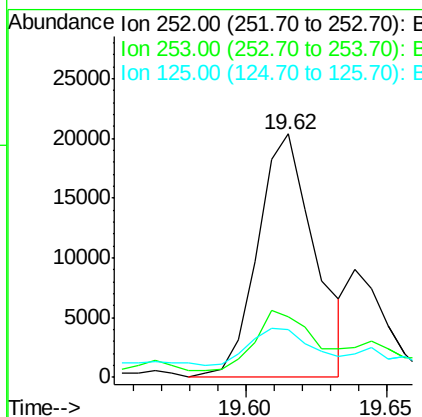
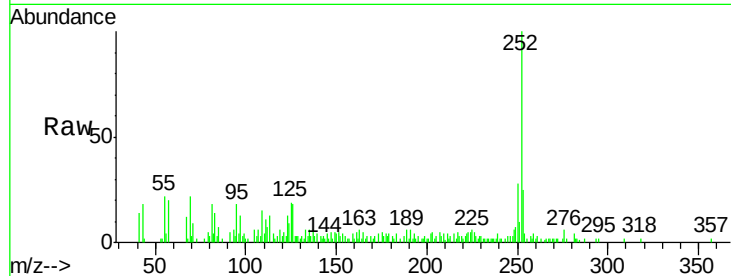
#87
Benzo(b)fluoranthene
Concen: 4.690 ng
RT: 19.62 min Scan# 3065
Delta R.T. -0.00 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
CL-01-060517-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.1	18.1	27.1
125	19.5	9.8	14.8

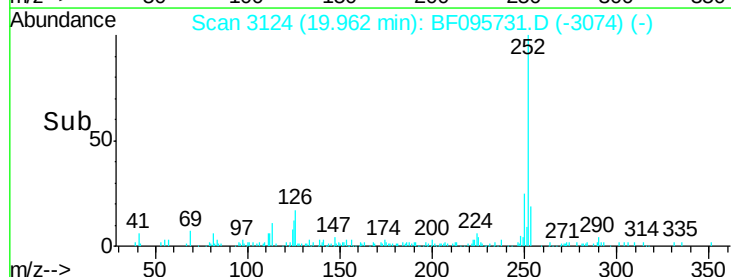
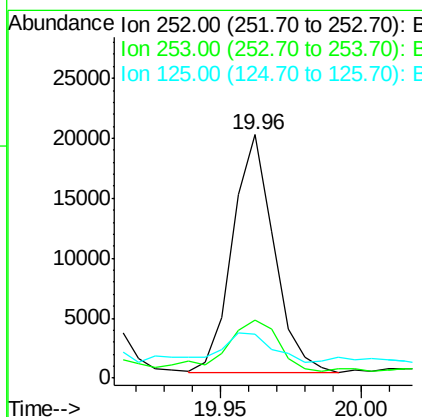
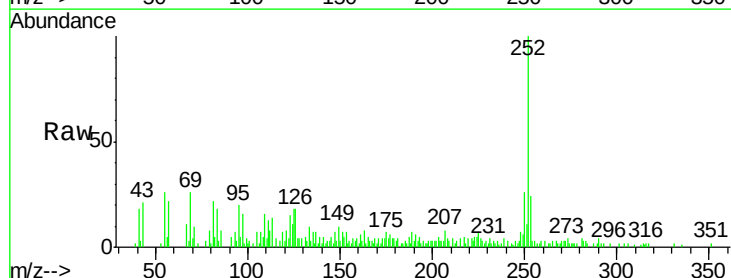
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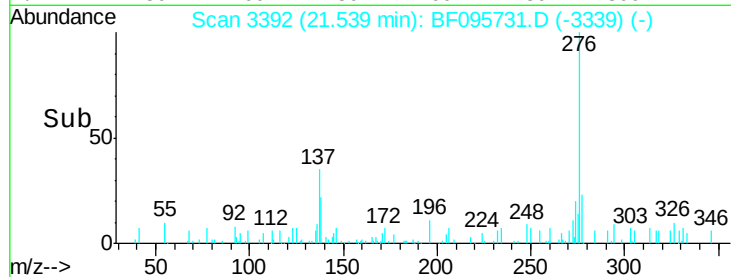
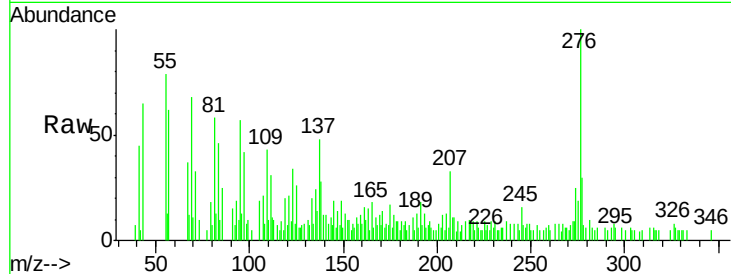
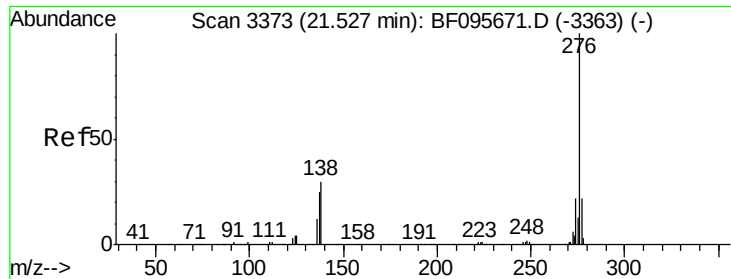
mohammad
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#89
Benzo(a)pyrene
Concen: 3.608 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095731.D
Acq: 7 Jun 2017 2:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.9	17.5	26.3
125	18.0	11.0	16.4





#91

Benzo(g,h,i)perylene

Concen: 2.593 ng

RT: 21.54 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BF095731.D

Acq: 7 Jun 2017 2:55

Instrument :

BNA_F

ClientSampleId :

CL-01-060517-B

Tgt Ion:	276	Resp:	12573
Ion Ratio		Lower	Upper
276	100		
277	29.7	18.6	28.0#
138	28.3	25.4	38.0

Manual Integrations
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6/7/2017 2:19:14 PM

