

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095922.D
 Acq On : 14 Jun 2017 9:08
 Operator : SJ/MA
 Sample : I3635-04DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-BDL

Manual Integrations
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Quant Time: Jun 14 12:08:28 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	7.35	152	63331	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	233583	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	90121	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	146793	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	124910	20.00	ng	-0.04
86) Perylene-d12	20.00	264	86276	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	82573m	20.78	ng	0.00
7) Phenol-d6	6.96	99	98277m	20.65	ng	0.00
23) Nitrobenzene-d5	8.29	82	52389m	13.93	ng	-0.03
41) 2,4,6-Tribromophenol	13.52	330	13256	16.62	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	104506	16.14	ng	-0.05
78) Terphenyl-d14	16.97	244	76073	15.11	ng	-0.05
Target Compounds						
74) Fluoranthene	16.43	202	21242	2.53	ng	Qvalue 98
77) Pyrene	16.73	202	23213	2.49	ng	# 95
87) Benzo(b)fluoranthene	19.60	252	10848m	2.01	ng	

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

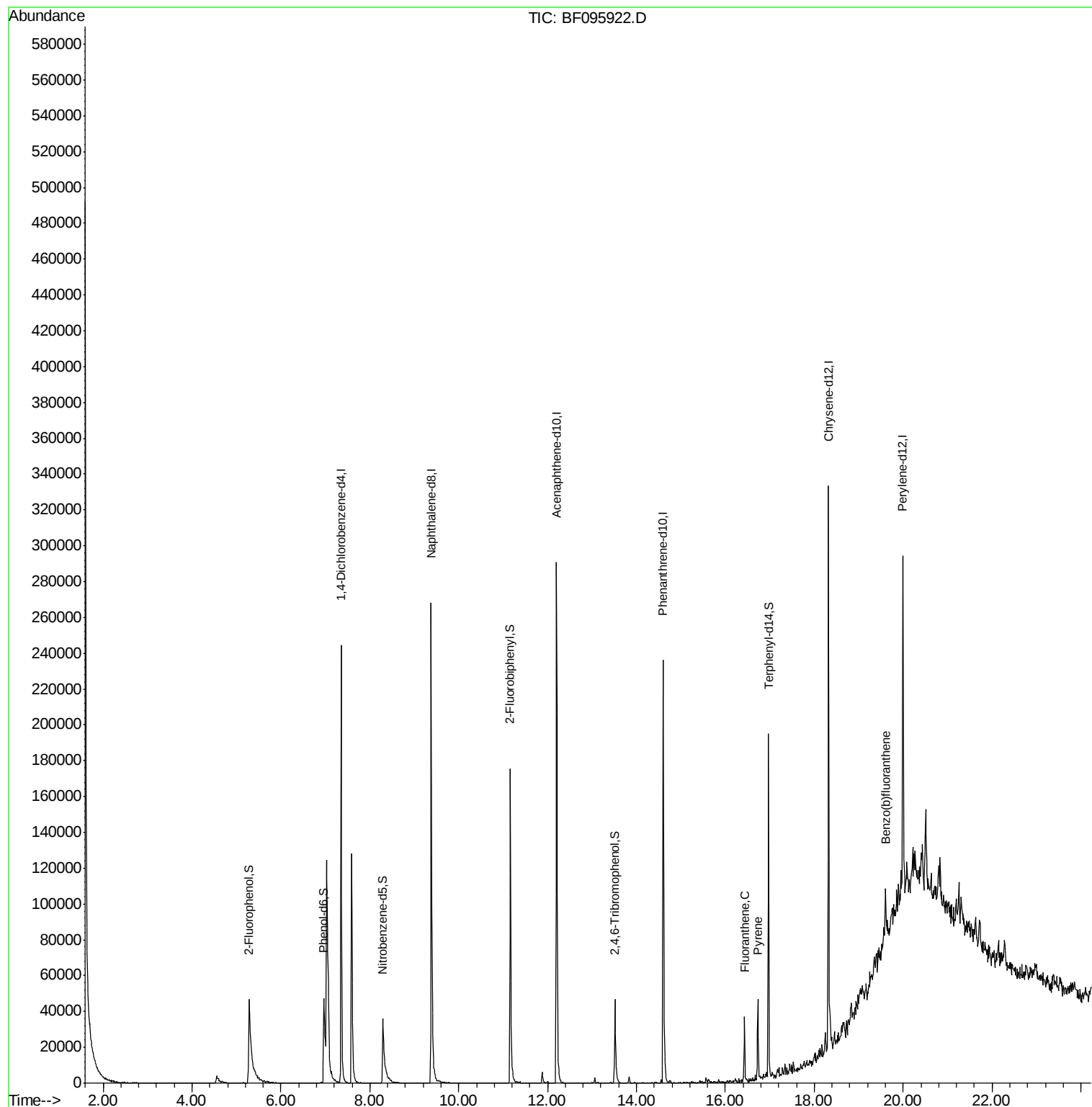
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Instrument :

BNA_F

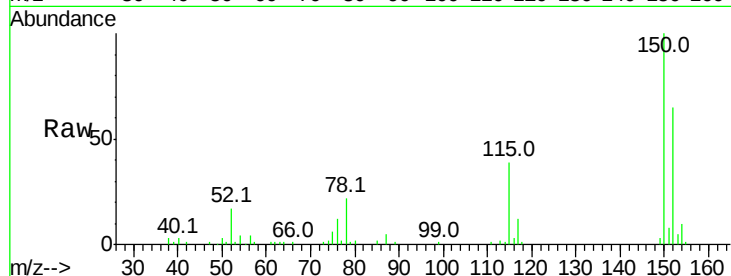
ClientSampleId :

CL-02-061217-BDL

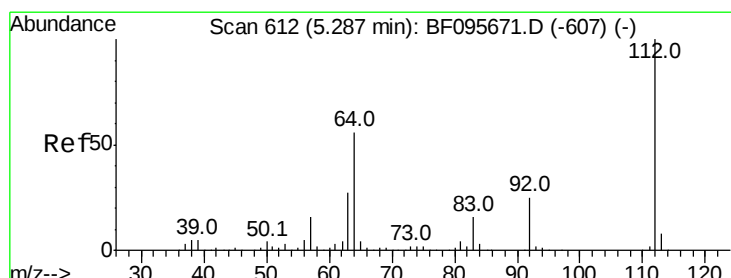
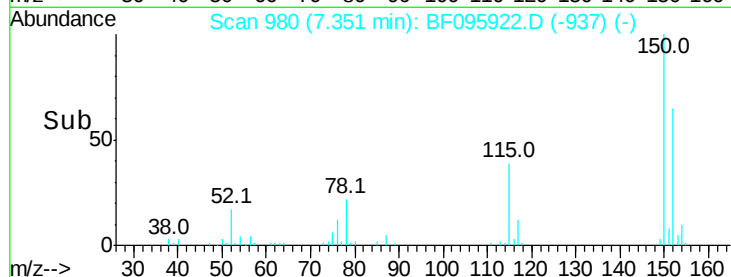
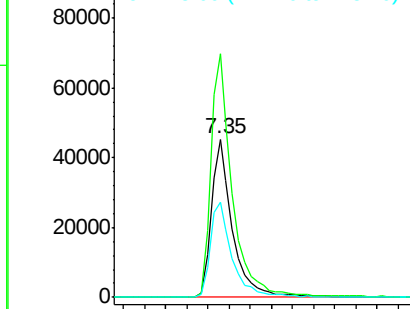
Tot Ion:	152	Resp:	63331
Ion Ratio	Lower	Upper	
152	100		
150	154.3	126.2	189.2
115	59.9	52.2	78.2

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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



#5

2-Fluorophenol

Concen: 20.78 ng m

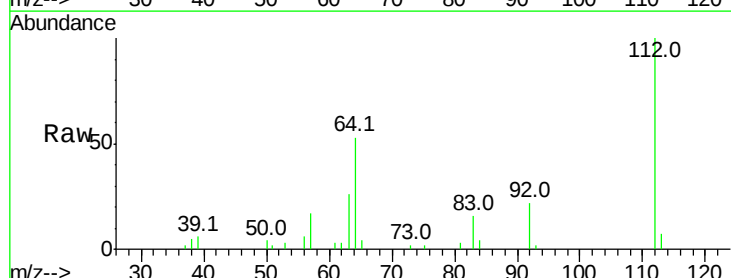
RT: 5.29 min Scan# 629

Delta R.T. 0.00 min

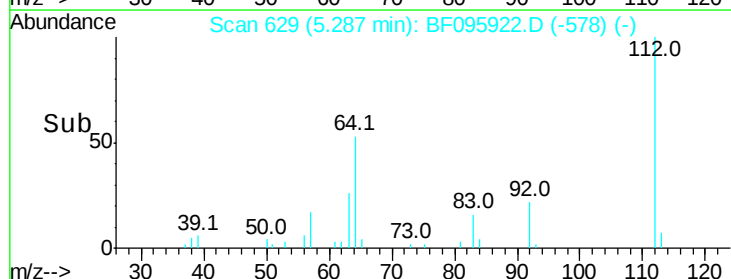
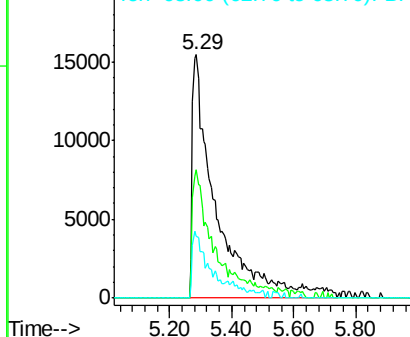
Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Tgt Ion:	112	Resp:	82573
Ion Ratio	Lower	Upper	
112	100		
64	52.7	46.0	69.0
63	25.7	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: 20.65 ng/ml

RT: 6.96 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Instrument :

BNA_F

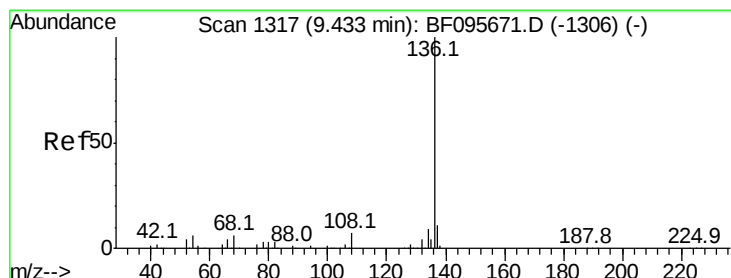
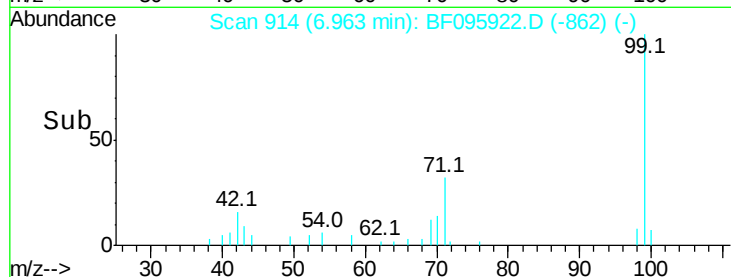
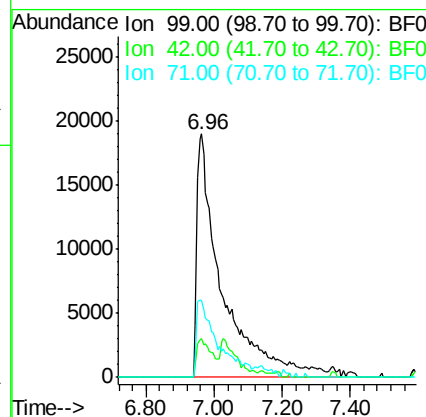
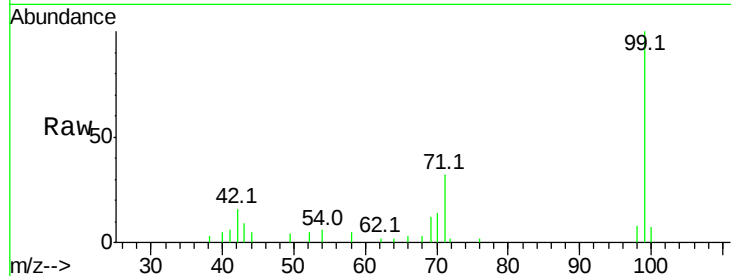
ClientSampleId :

CL-02-061217-BDL

Tot Ion:	99	Resp:	98277
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

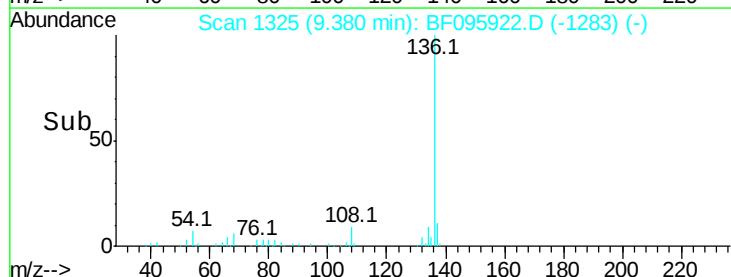
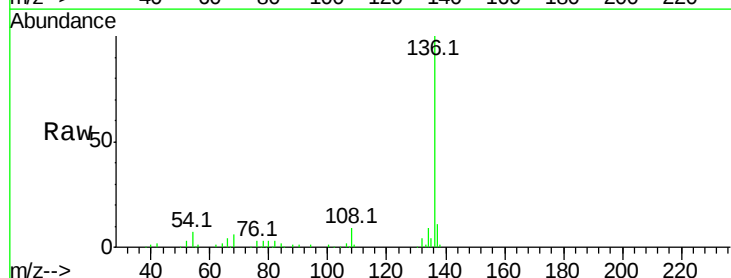
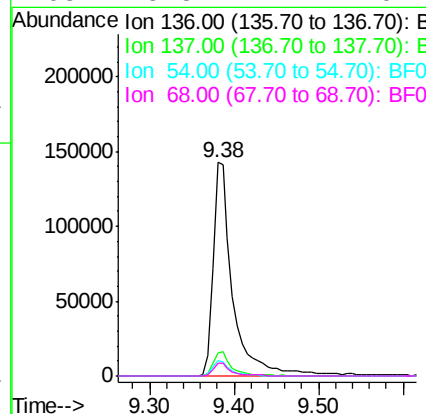
RT: 9.38 min Scan# 1325

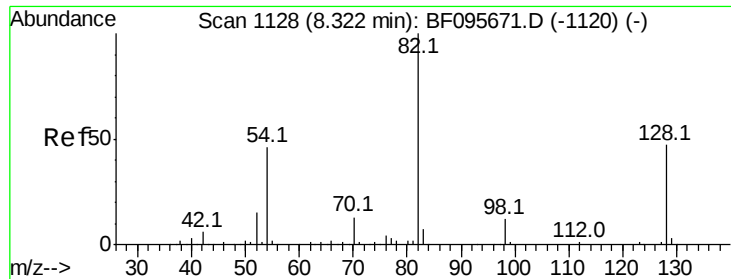
Delta R.T. -0.05 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Tgt Ion:	136	Resp:	233583
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.8	4.1	6.1





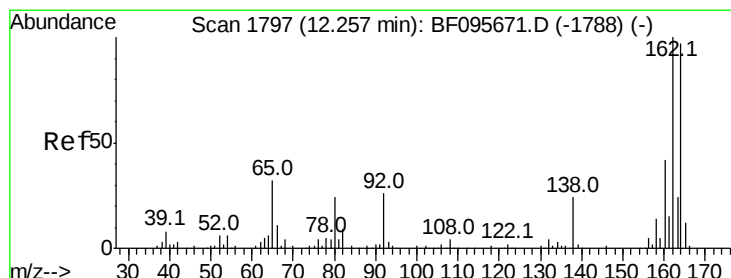
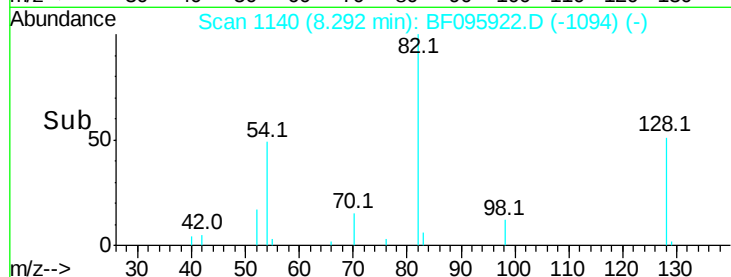
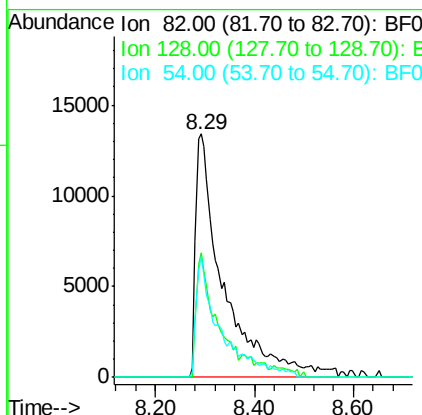
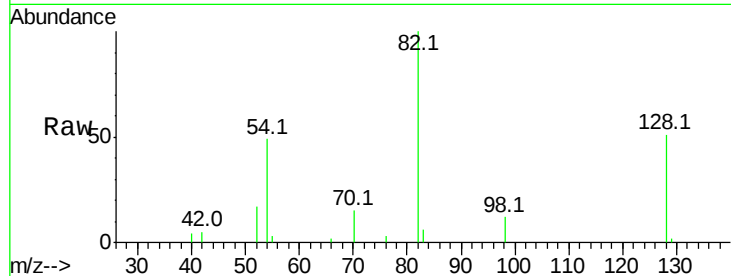
#23
Nitrobenzene-d5
Concen: 13.93 ng/ml
RT: 8.29 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-BDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.0	51.0#
54	49.4	42.2	63.2

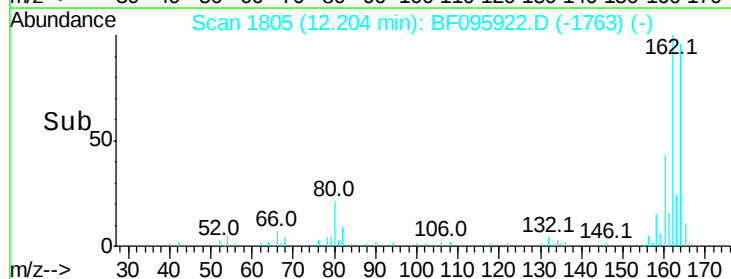
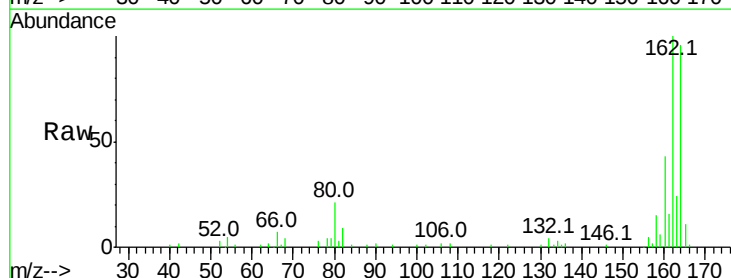
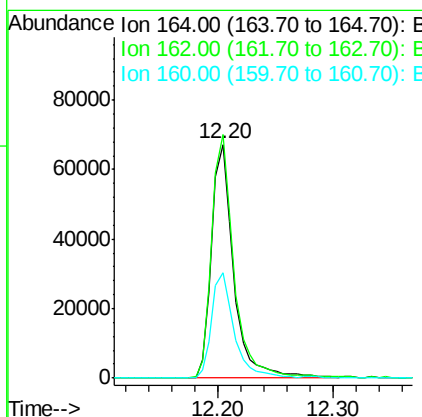
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.9	36.2	54.2





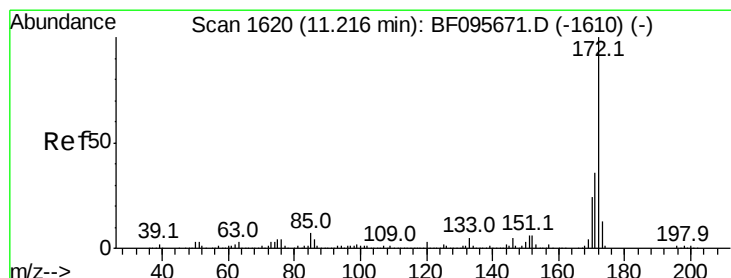
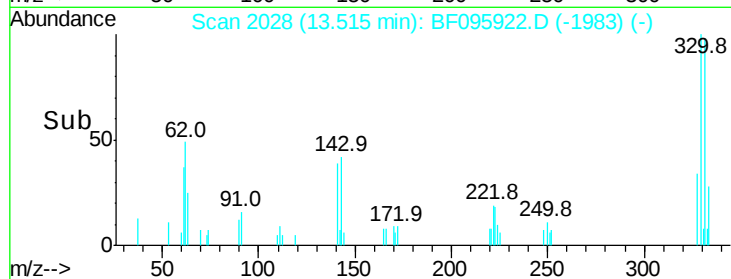
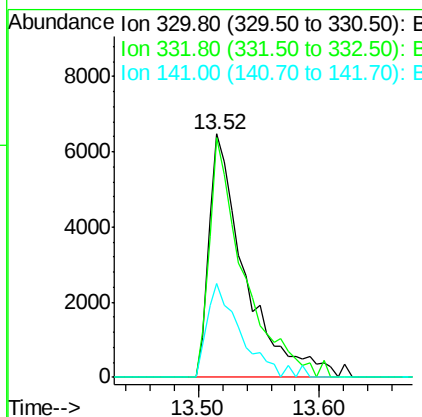
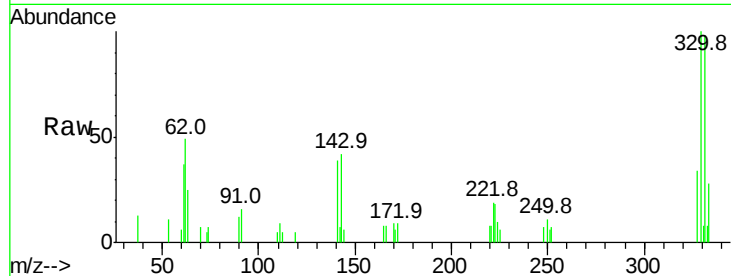
#41
 2,4,6-Tribromophenol
 Concen: 16.62 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-BDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	115.0
141	35.2	31.4	47.2

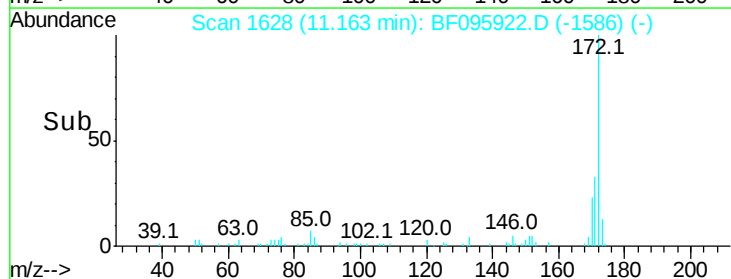
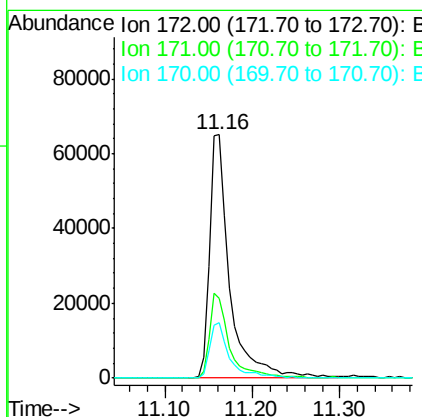
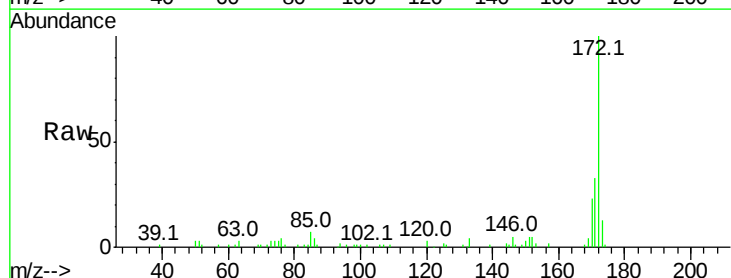
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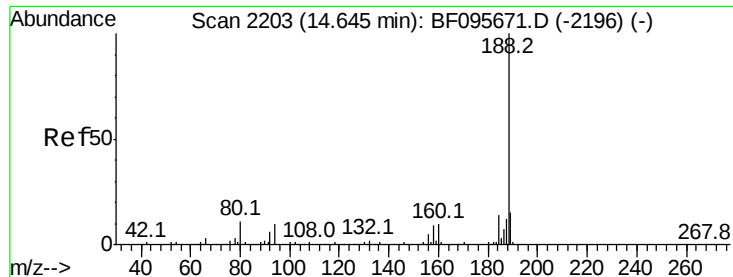
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#44
 2-Fluorobiphenyl
 Concen: 16.14 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.6	44.4
170	22.8	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Instrument :

BNA_F

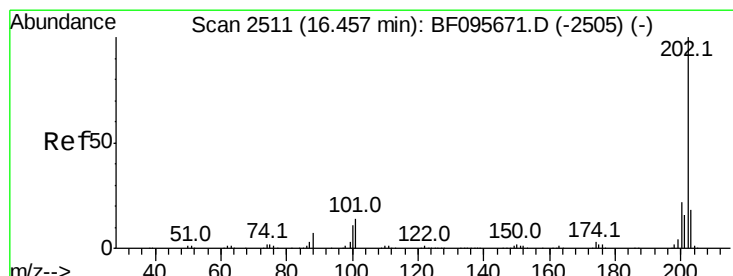
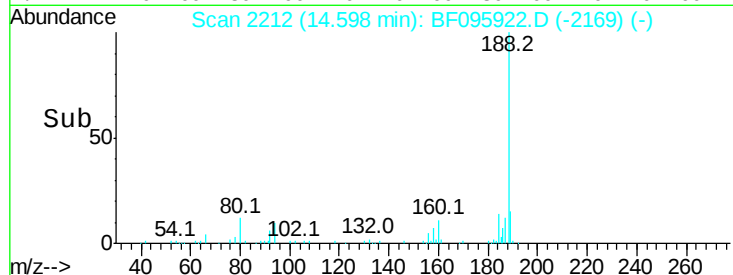
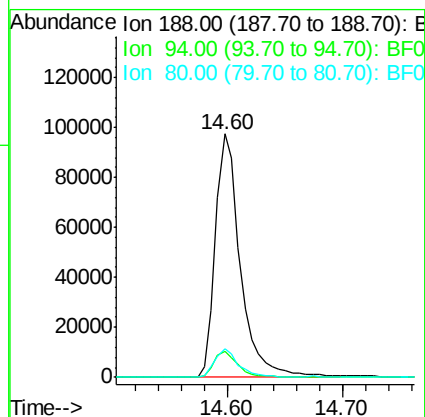
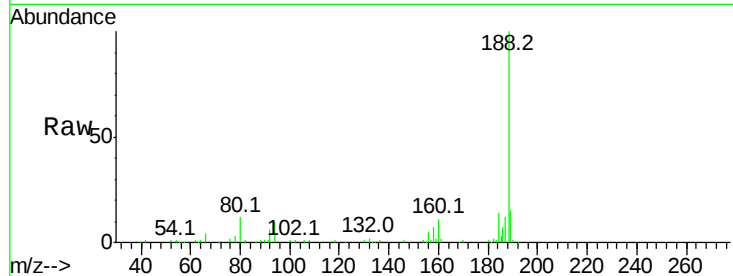
ClientSampleId :

CL-02-061217-BDL

Tot Ion:	188	Resp:	146793
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.8	10.2	15.2

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#74

Fluoranthene

Concen: 2.53 ng

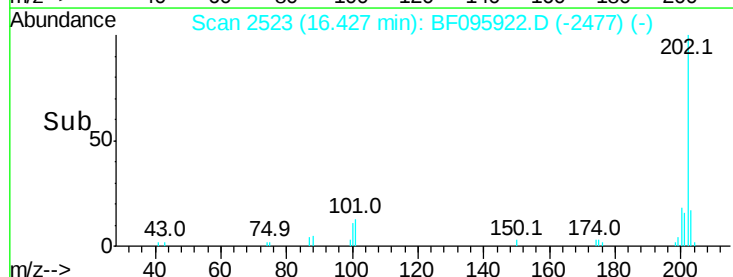
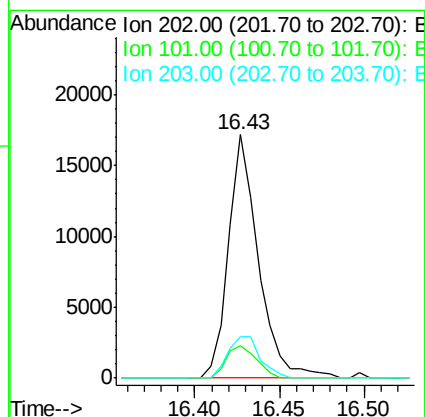
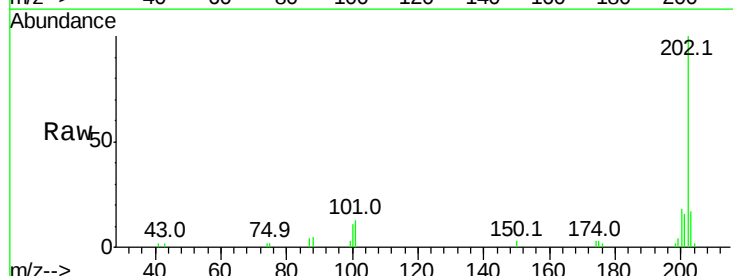
RT: 16.43 min Scan# 2523

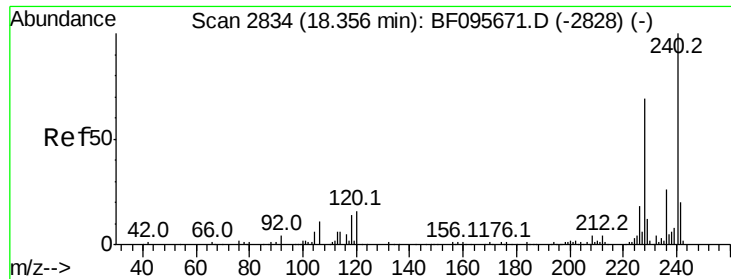
Delta R.T. -0.03 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Tgt Ion:	202	Resp:	21242
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	33.2
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Instrument :

BNA_F

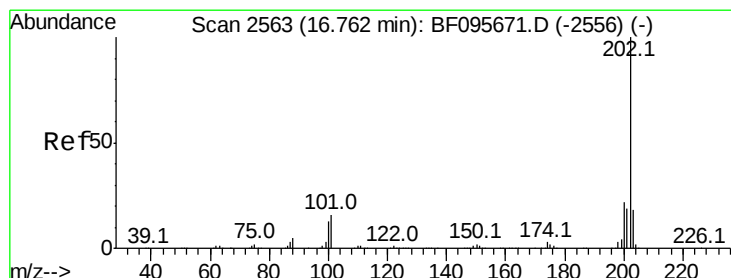
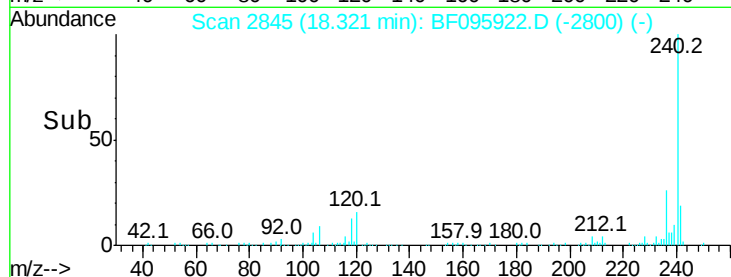
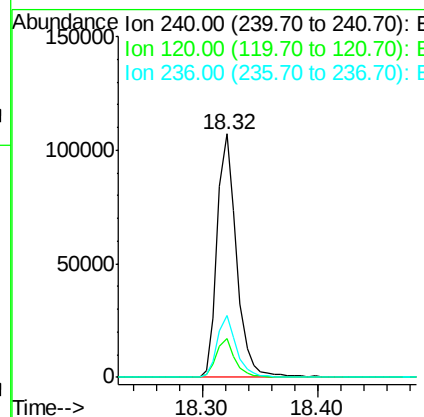
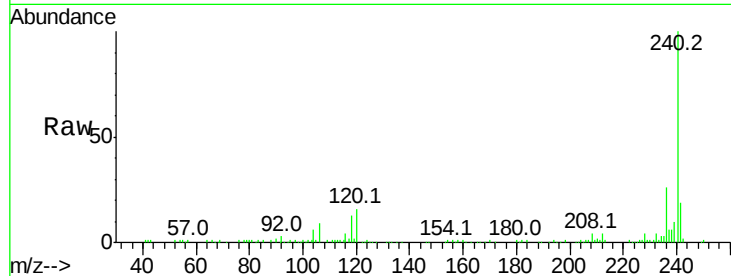
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.6	20.5	30.7

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#77

Pyrene

Concen: 2.49 ng

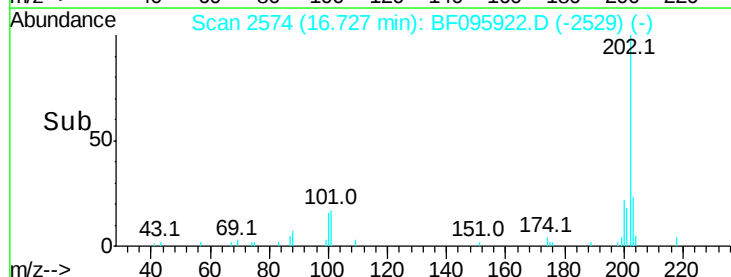
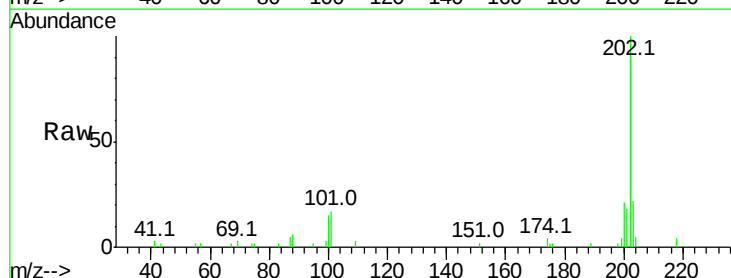
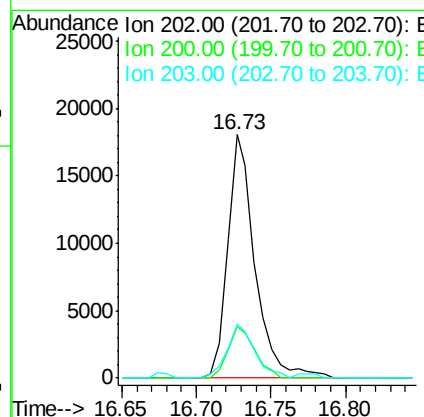
RT: 16.73 min Scan# 2574

Delta R.T. -0.04 min

Lab File: BF095922.D

Acq: 14 Jun 2017 9:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	22.0	14.4	21.6#





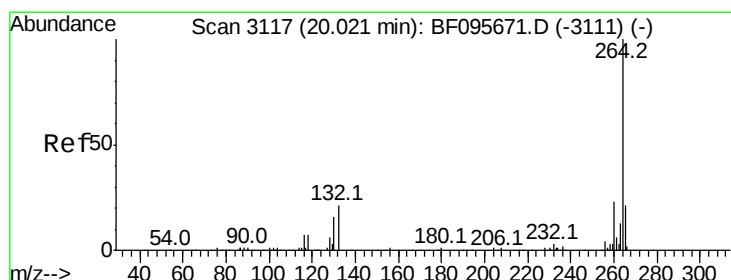
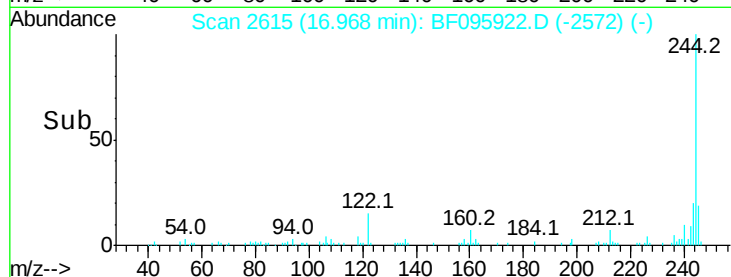
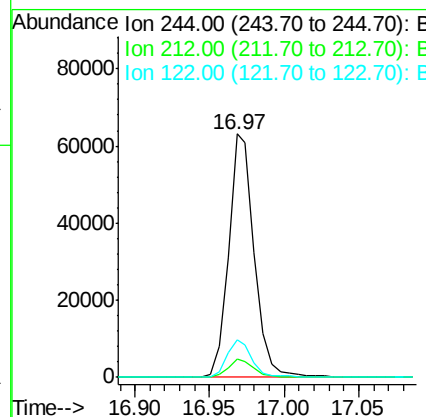
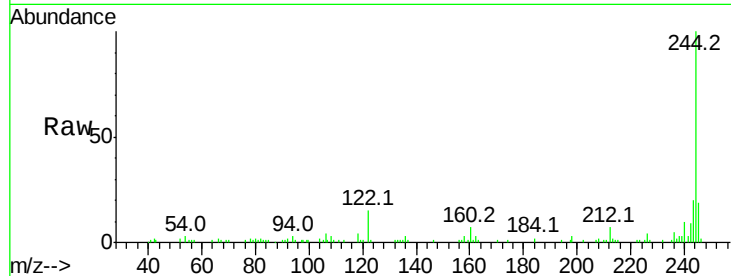
#78
 Terphenyl-d14
 Concen: 15.11 ng
 RT: 16.97 min Scan# 2615
 Delta R.T. -0.05 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-061217-BDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	15.5	10.3	15.5

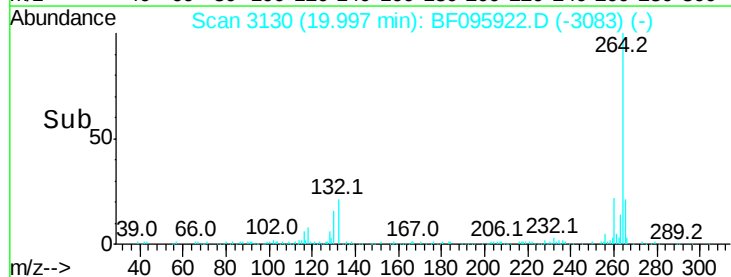
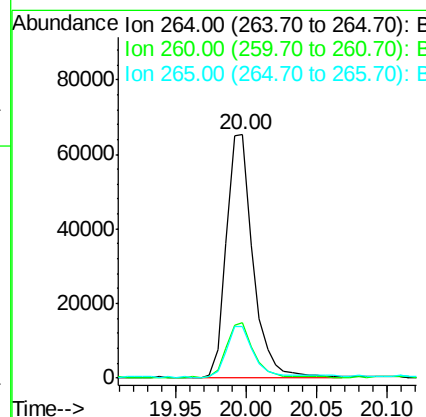
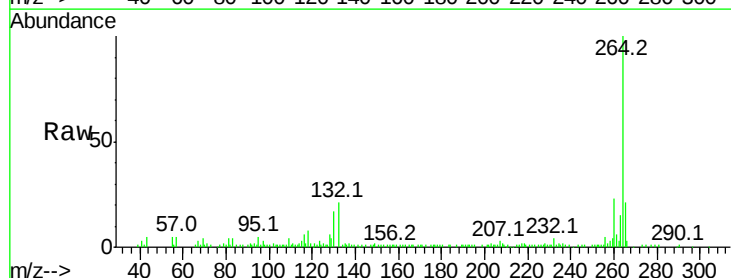
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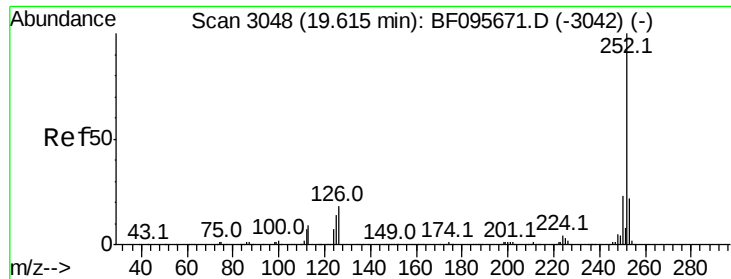
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BF095922.D
 Acq: 14 Jun 2017 9:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.4	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 2.01 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095922.D
Acq: 14 Jun 2017 9:08

Instrument :
BNA_F
ClientSampleId :
CL-02-061217-BDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.1	27.1#
125	20.3	9.8	14.8#

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