

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095916.D
 Acq On : 14 Jun 2017 3:16
 Operator : SJ/MA
 Sample : I3635-13 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

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Quant Time: Jun 14 06:05:40 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	71232	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	275197	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	105866	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	171433	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	142349	20.00	ng	-0.04
86) Perylene-d12	19.99	264	99459	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	55327	12.38	ng	0.00
7) Phenol-d6	6.96	99	77452	14.47	ng	0.00
23) Nitrobenzene-d5	8.29	82	46081	10.40	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	13346	14.25	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	102888	13.52	ng	-0.05
78) Terphenyl-d14	16.97	244	75094	13.09	ng	-0.04
Target Compounds						
74) Fluoranthene	16.43	202	25131	2.57	ng	Qvalue 94
77) Pyrene	16.73	202	23731	2.23	ng	# 93
87) Benzo(b)fluoranthene	19.59	252	12588m	2.02	ng	

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

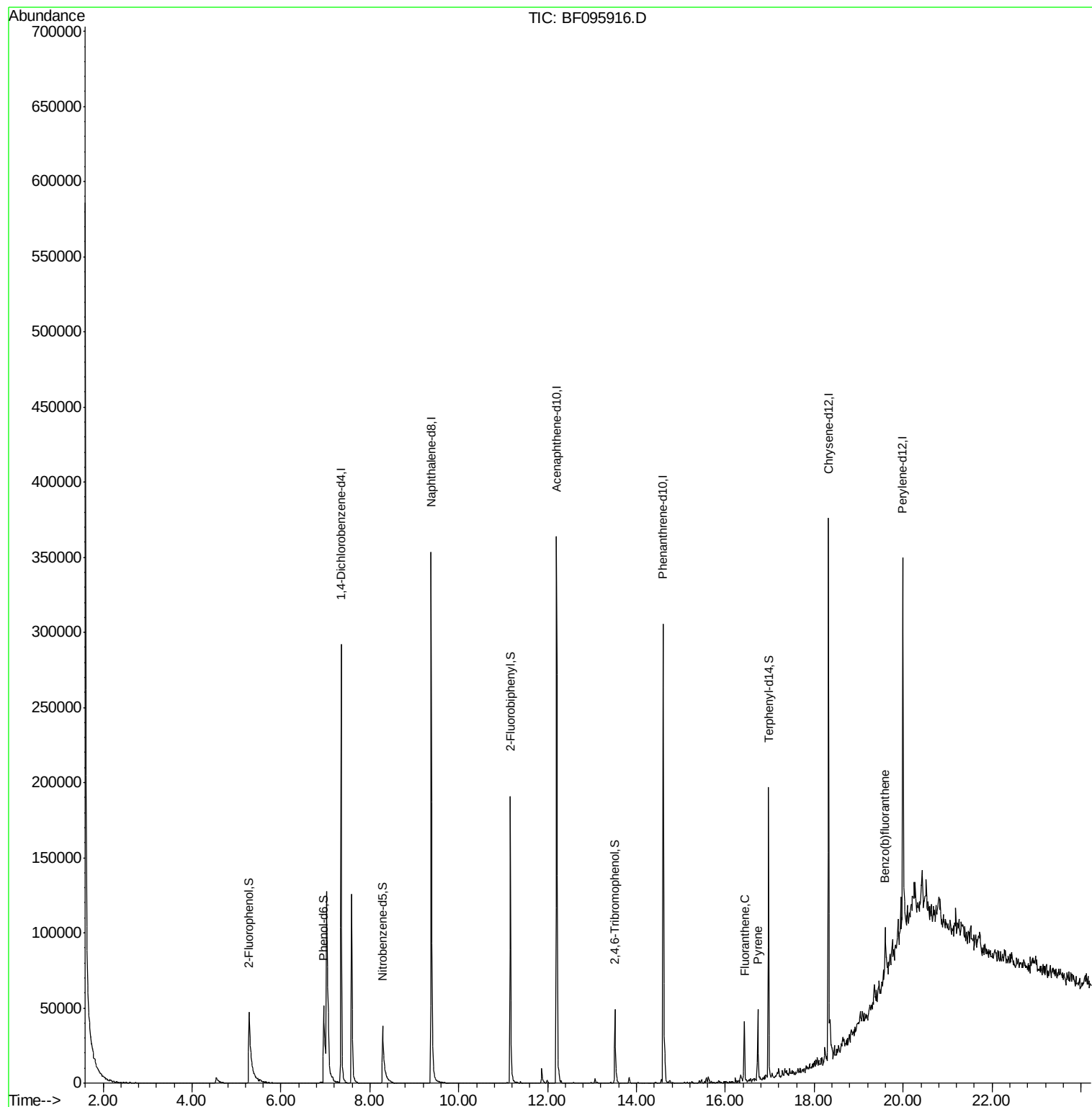
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095916.D
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Sample : I3635-13 5X
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ALS Vial : 23 Sample Multiplier: 1

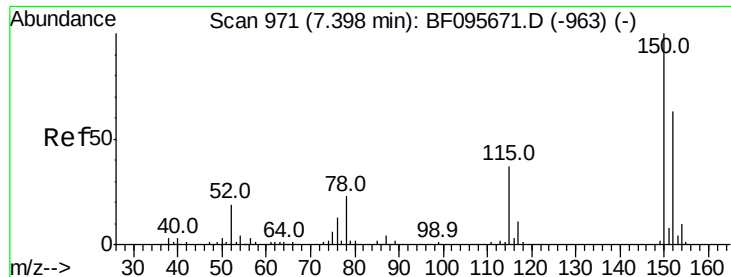
Instrument :
BNA_F
ClientSampleId :
CL-02-061217-E

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Quant Time: Jun 14 06:05:40 2017
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#1

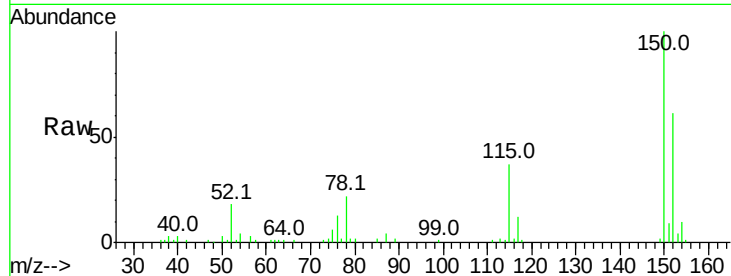
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

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

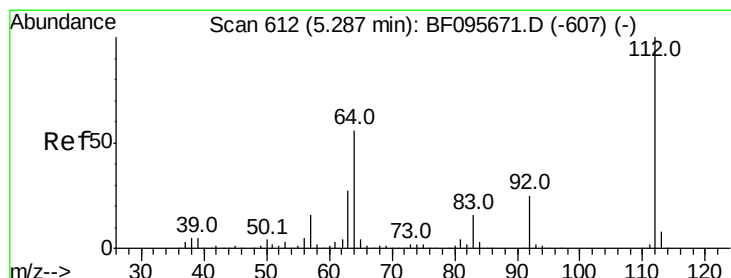
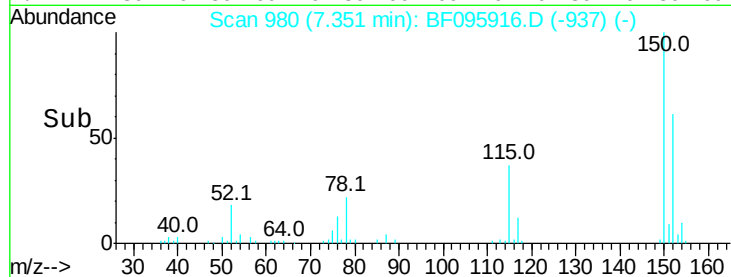
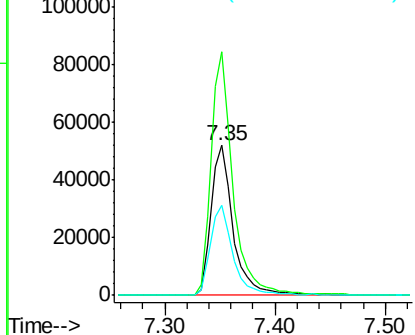
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.2	189.2
115	60.6	52.2	78.2

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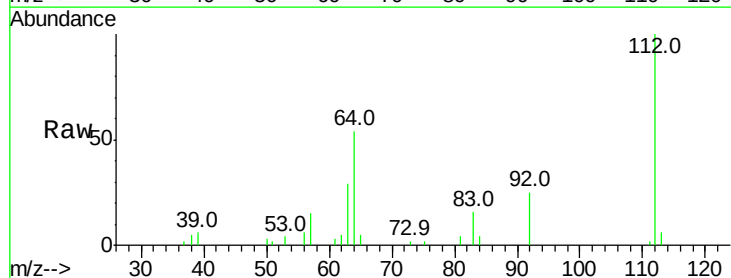
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



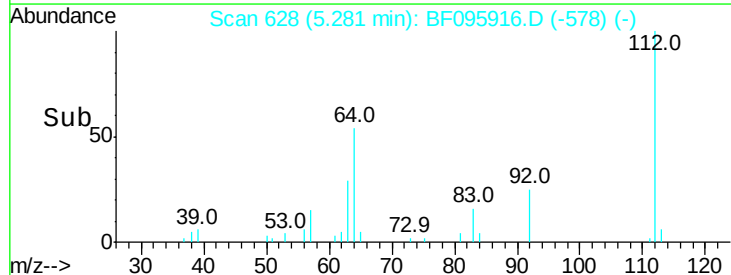
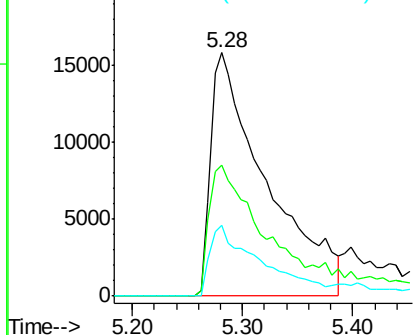
#5

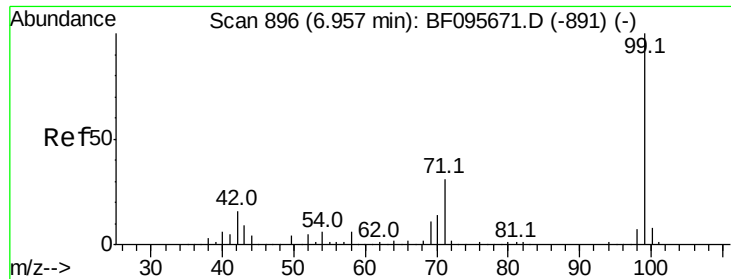
2-Fluorophenol
Concen: 12.38 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	28.9	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: 14.47 ng

RT: 6.96 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

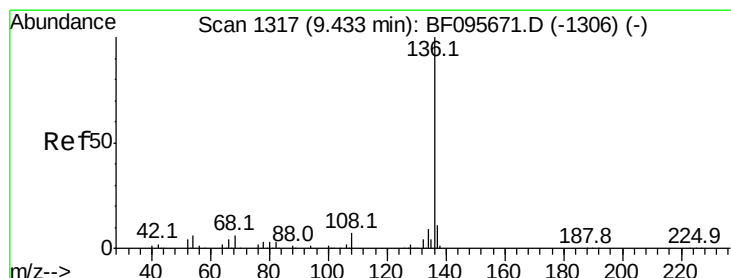
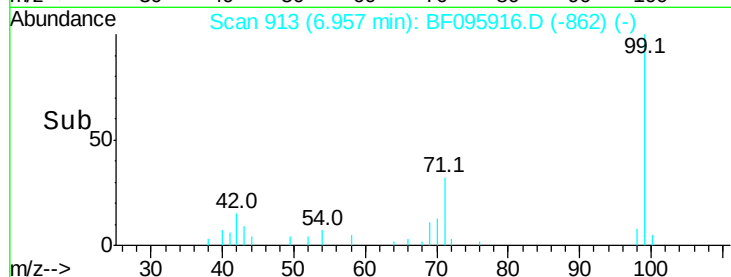
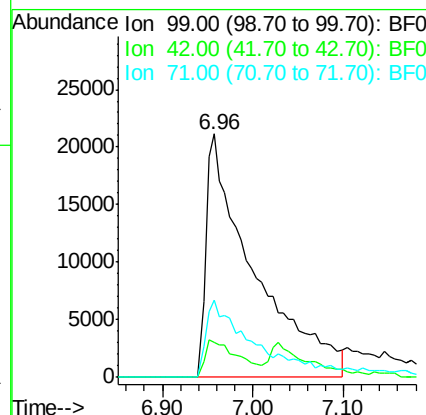
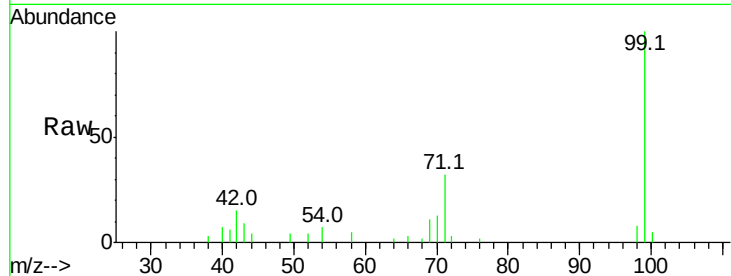
ClientSampleId :

CL-02-061217-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		77452		
42	14.6	13.5	20.3		
71	32.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

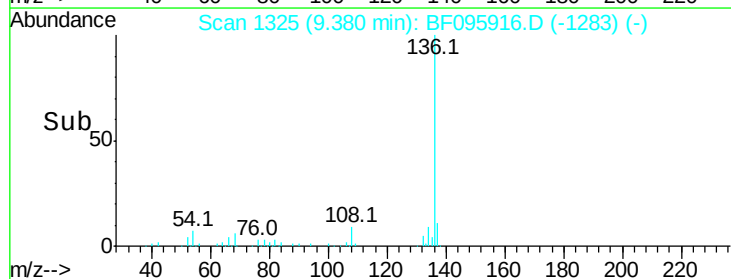
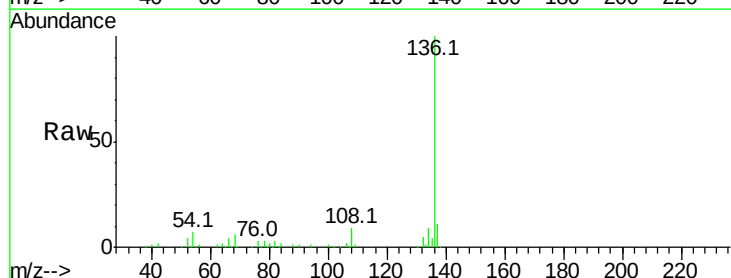
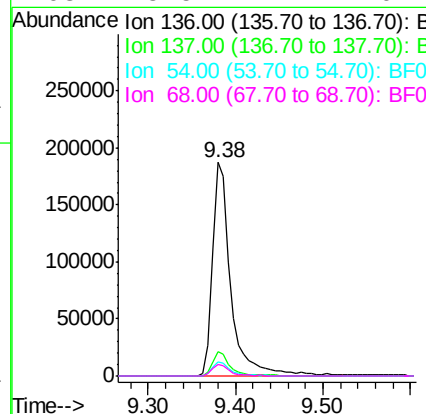
RT: 9.38 min Scan# 1325

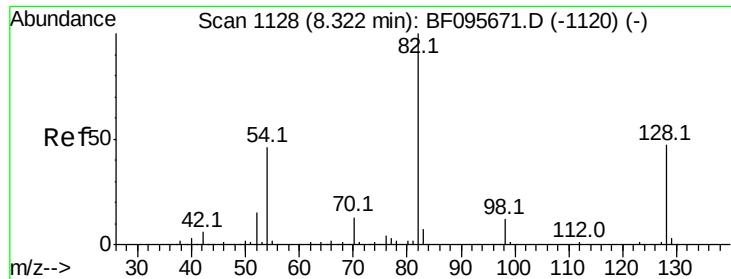
Delta R.T. -0.05 min

Lab File: BF095916.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		275197		
137	11.2	8.5	12.7		
54	6.8	4.9	7.3		
68	5.5	4.1	6.1		





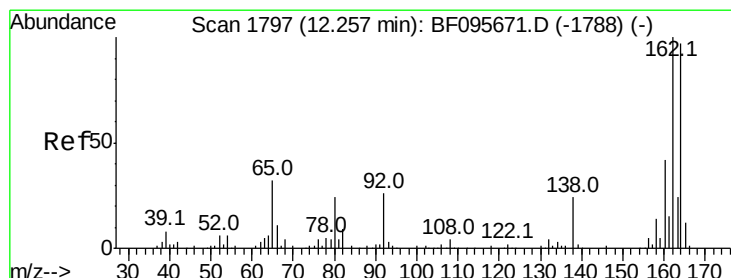
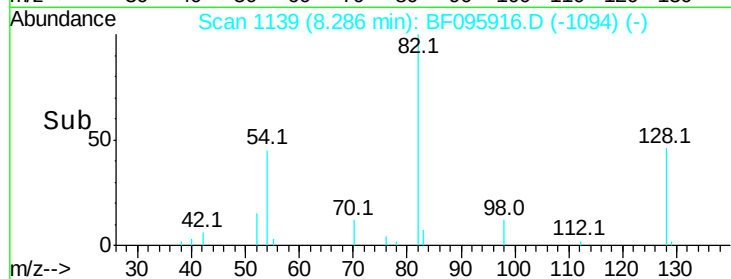
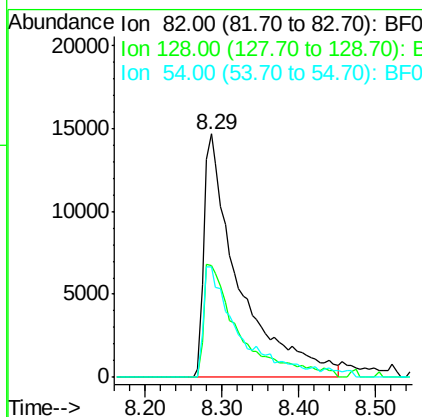
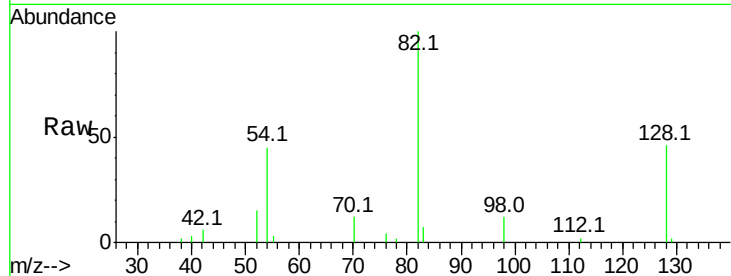
#23
Nitrobenzene-d5
Concen: 10.40 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	45.3	42.2	63.2

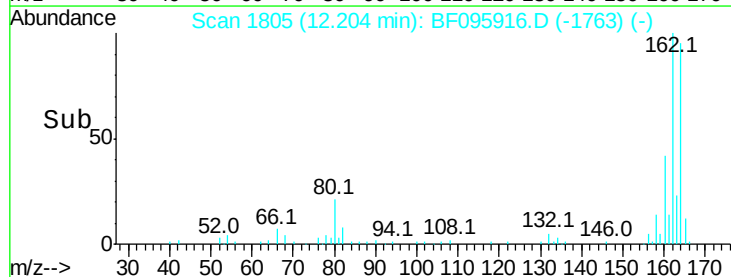
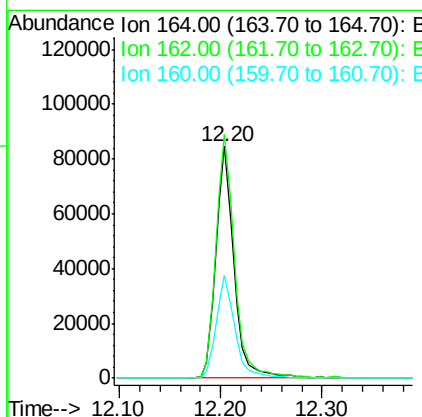
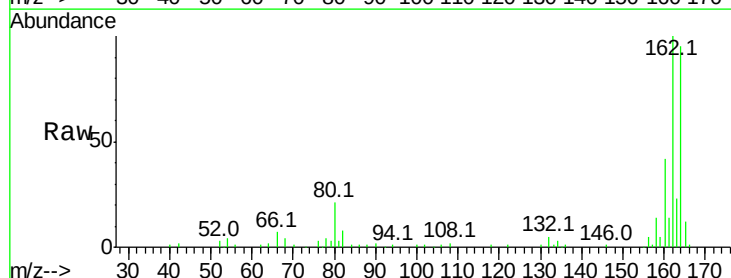
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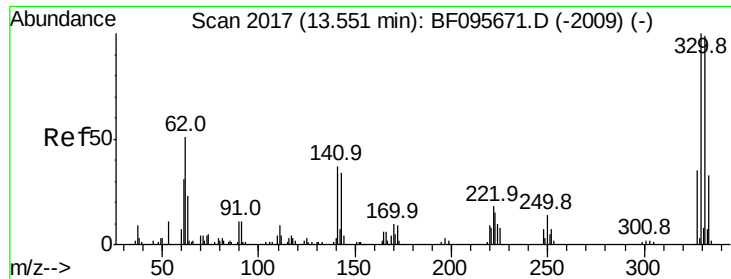
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095916.D
Acq: 14 Jun 2017 3:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	44.3	36.2	54.2





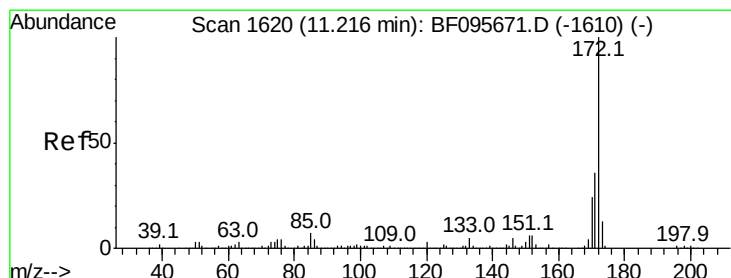
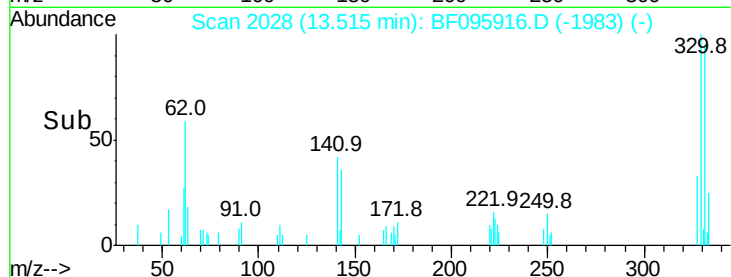
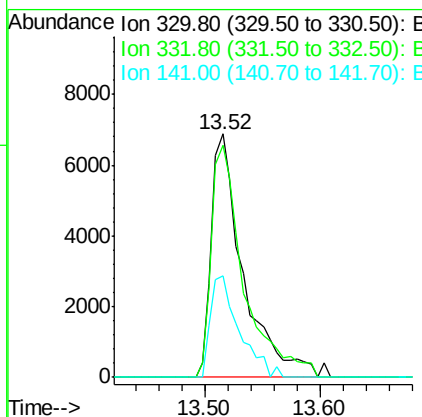
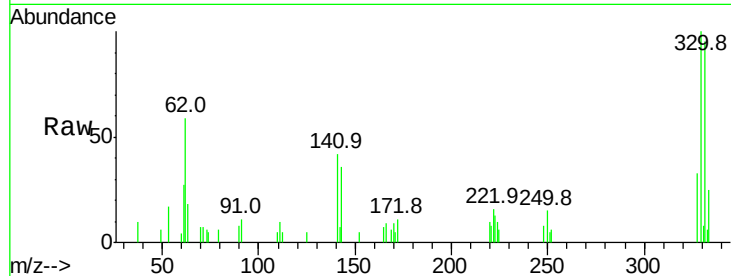
#41
 2,4,6-Tribromophenol
 Concen: 14.25 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Instrument :
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 ClientSampleId :
 CL-02-061217-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.2	31.4	47.2

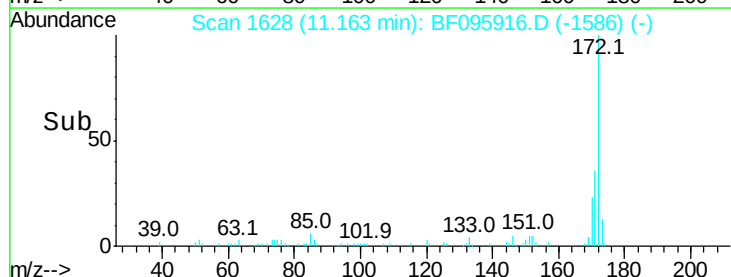
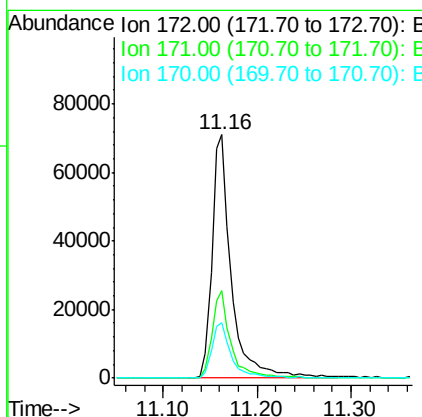
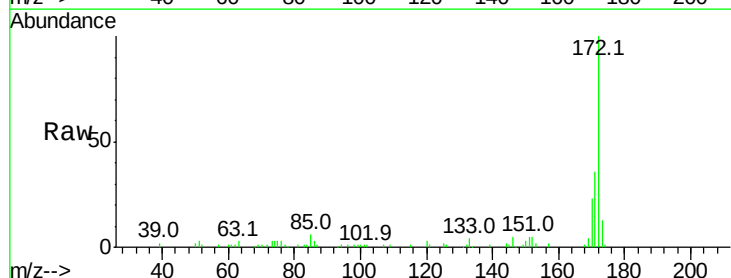
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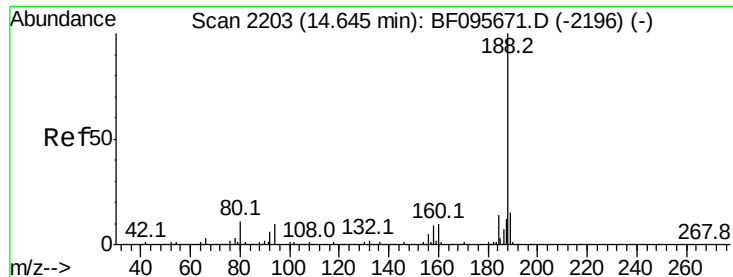
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#44
 2-Fluorobiphenyl
 Concen: 13.52 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	22.6	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: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

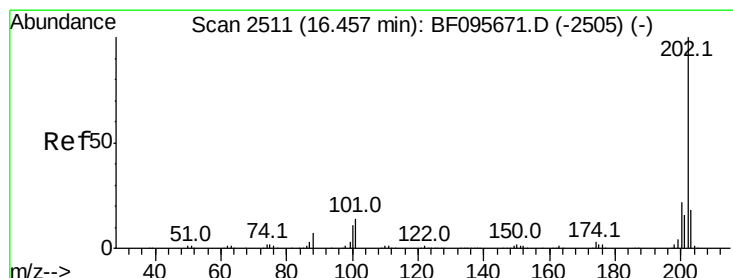
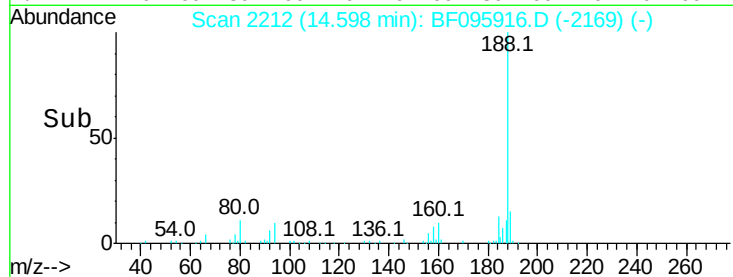
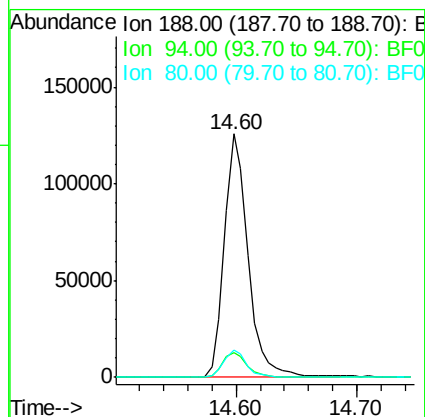
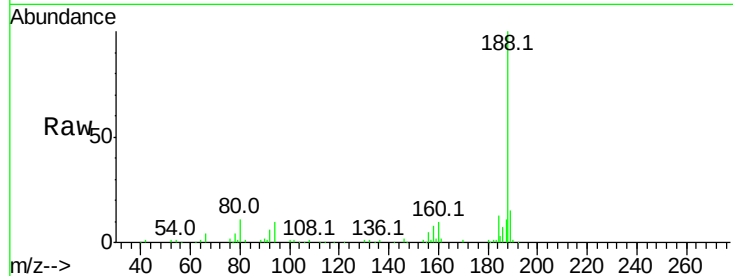
ClientSampleId :

CL-02-061217-E

Tot Ion:	188	Resp:	171433
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	11.4	10.2	15.2

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#74

Fluoranthene

Concen: 2.57 ng

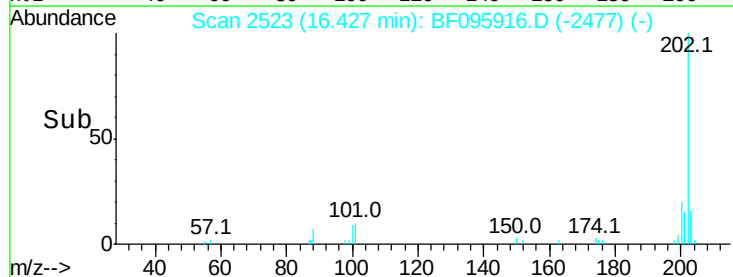
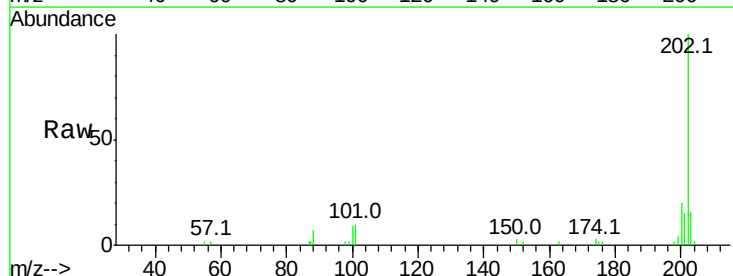
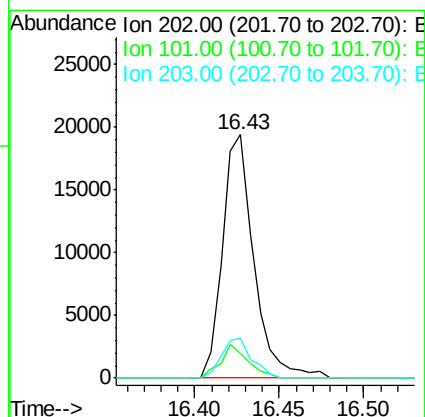
RT: 16.43 min Scan# 2523

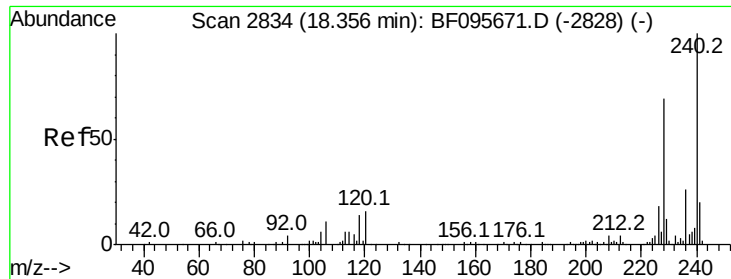
Delta R.T. -0.03 min

Lab File: BF095916.D

Acq: 14 Jun 2017 3:16

Tgt Ion:	202	Resp:	25131
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	33.2
203	16.2	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: BF095916.D

Acq: 14 Jun 2017 3:16

Instrument :

BNA_F

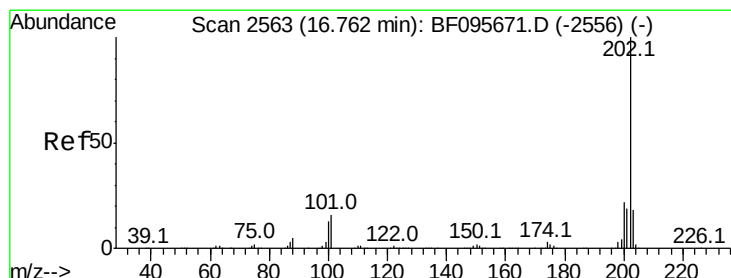
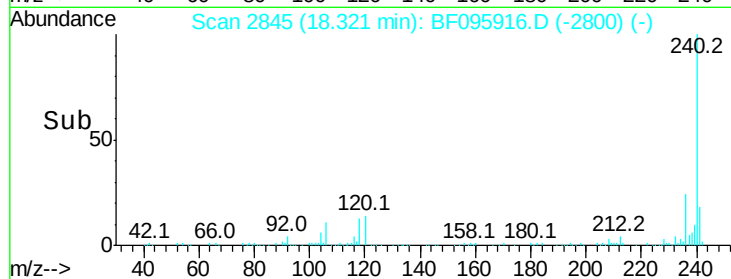
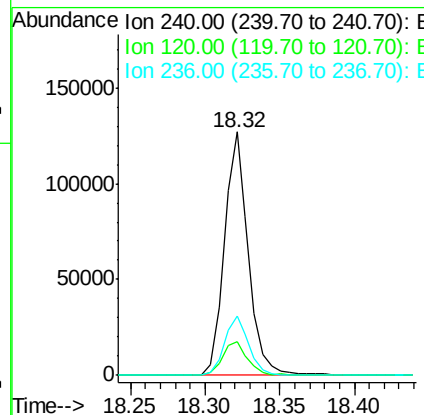
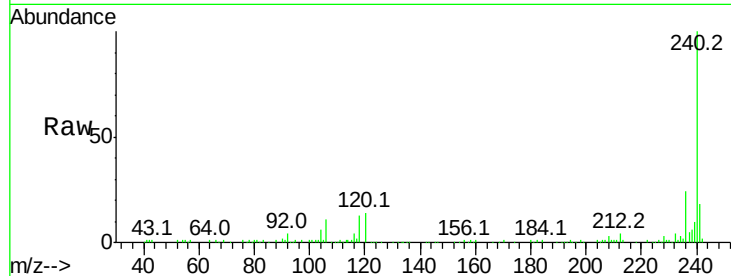
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	24.4	20.5	30.7

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#77

Pyrene

Concen: 2.23 ng

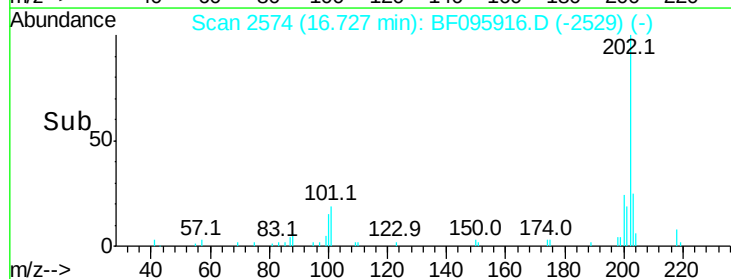
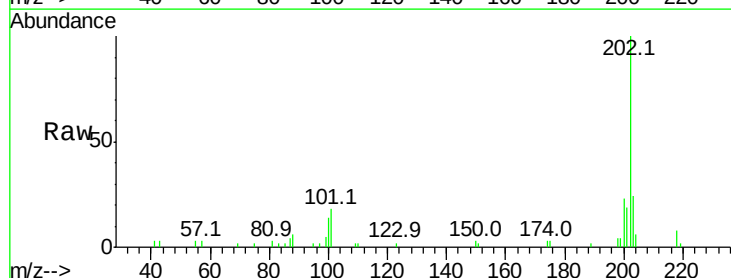
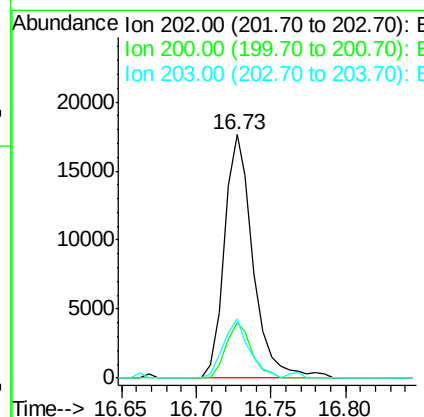
RT: 16.73 min Scan# 2574

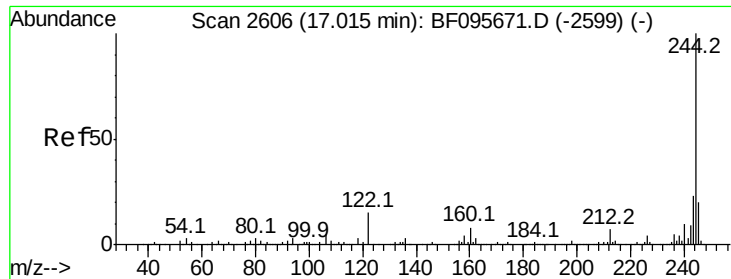
Delta R.T. -0.04 min

Lab File: BF095916.D

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Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.6	26.4
203	24.2	14.4	21.6#





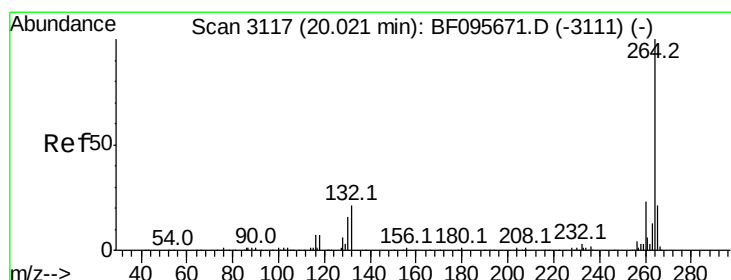
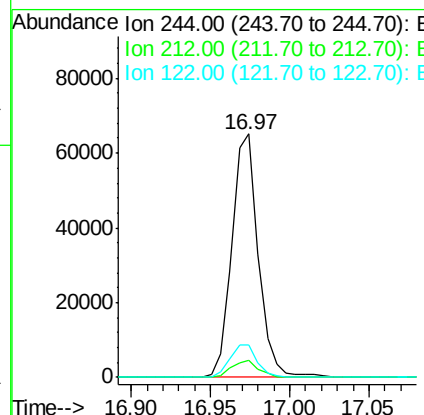
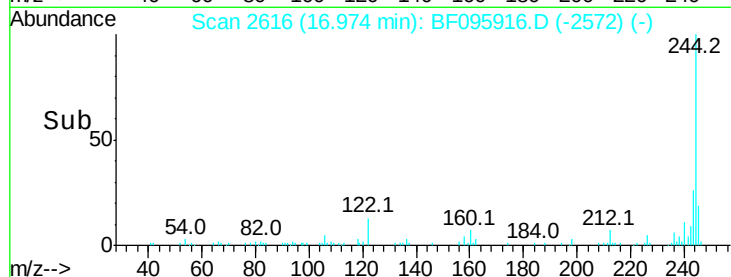
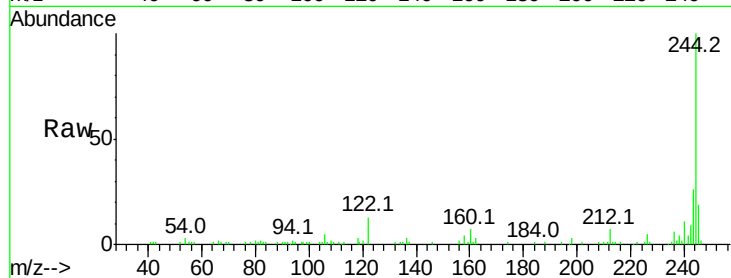
#78
 Terphenyl-d14
 Concen: 13.09 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.1	10.3	15.5

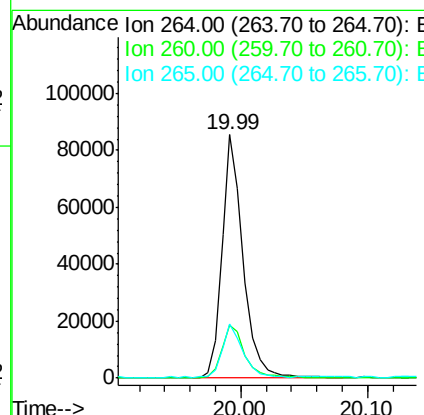
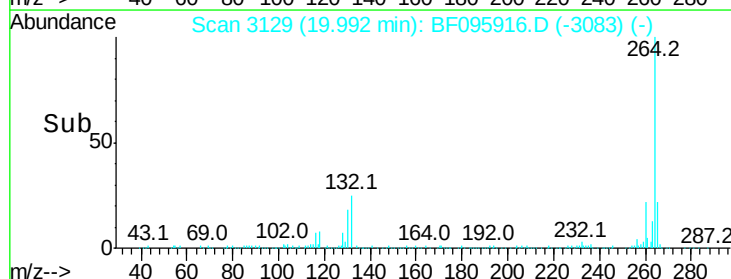
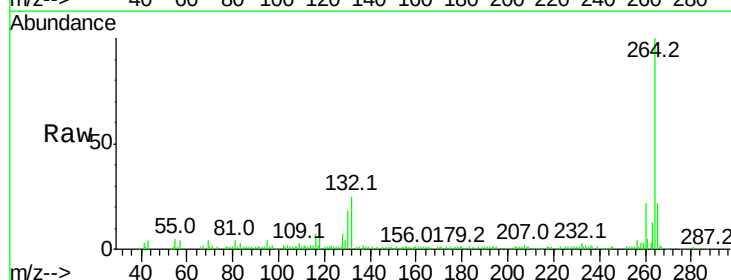
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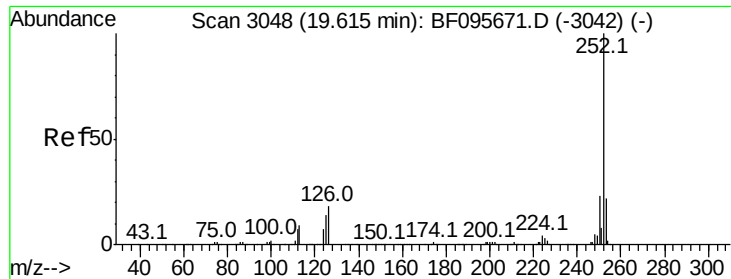
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BF095916.D
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.5	29.3
265	22.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.02 ng m
 RT: 19.59 min Scan# 3061
 Delta R.T. -0.02 min
 Lab File: BF095916.D
 Acq: 14 Jun 2017 3:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.1	27.1#
125	22.0	9.8	14.8#

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