

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095914.D
 Acq On : 14 Jun 2017 2:11
 Operator : SJ/MA
 Sample : I3635-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jun 14 05:59:15 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	69132	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	264743	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	103713	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	162183	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	133846	20.00	ng	-0.04
86) Perylene-d12	19.99	264	96477	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	62155	14.33	ng	-0.01
7) Phenol-d6	6.96	99	76836	14.79	ng	0.00
23) Nitrobenzene-d5	8.28	82	47893	11.23	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	13409	14.61	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	107105	14.37	ng	-0.05
78) Terphenyl-d14	16.97	244	75208	13.94	ng	-0.05
Target Compounds						
49) Dimethylphthalate	11.86	163	20756	2.64	ng	# 99
74) Fluoranthene	16.42	202	28986	3.13	ng	96
77) Pyrene	16.73	202	27718	2.78	ng	# 96
87) Benzo(b)fluoranthene	19.60	252	16867m	2.79	ng	

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

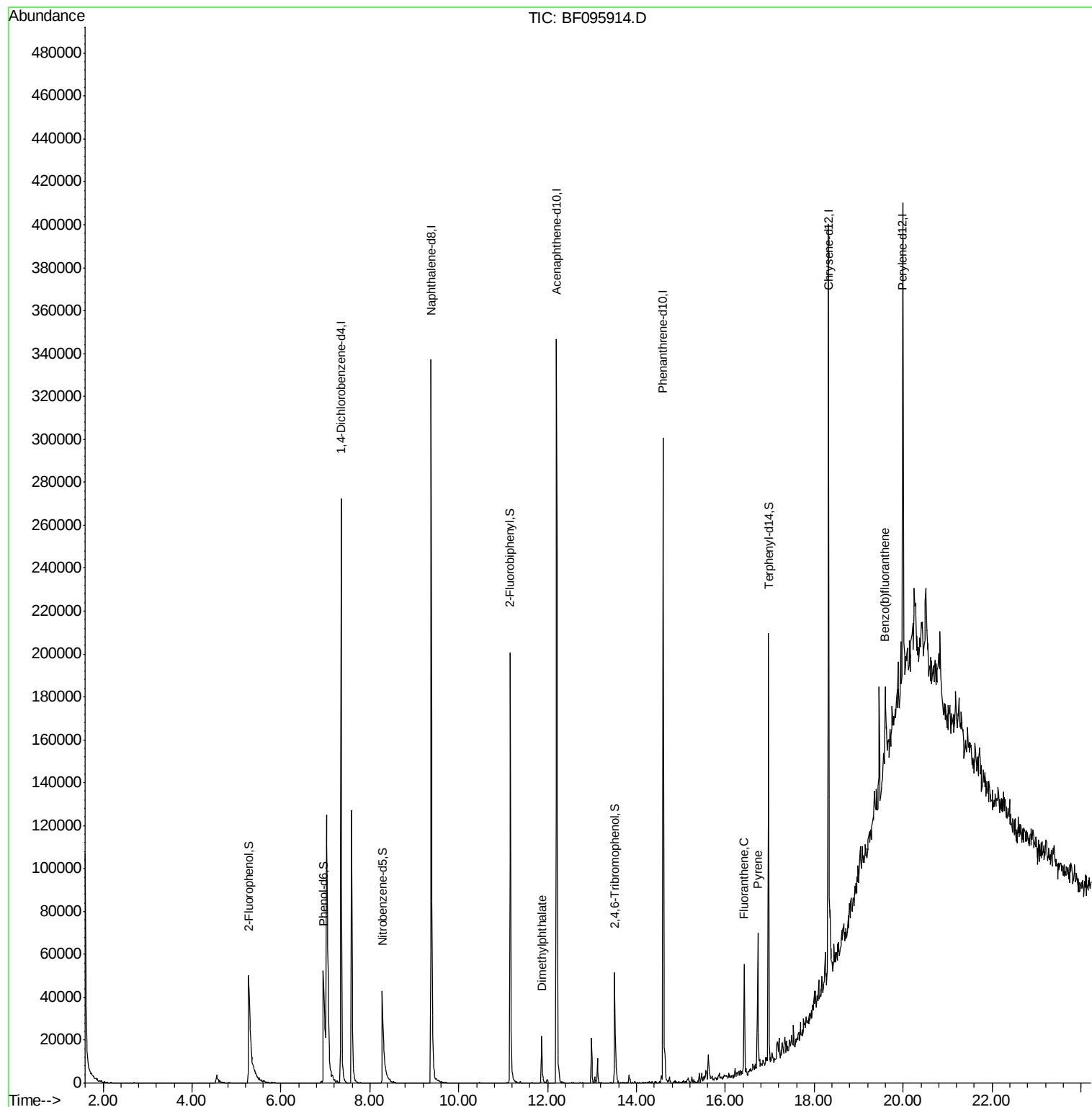
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF095914.D

Acq: 14 Jun 2017 2:11

Instrument :

BNA_F

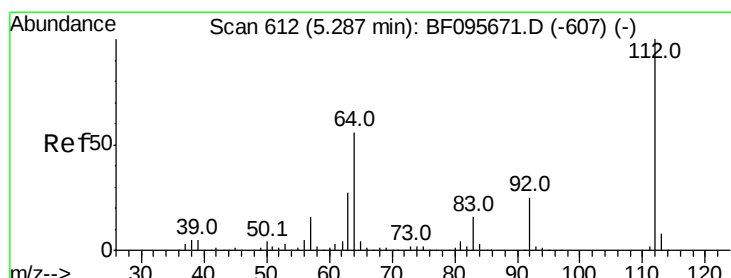
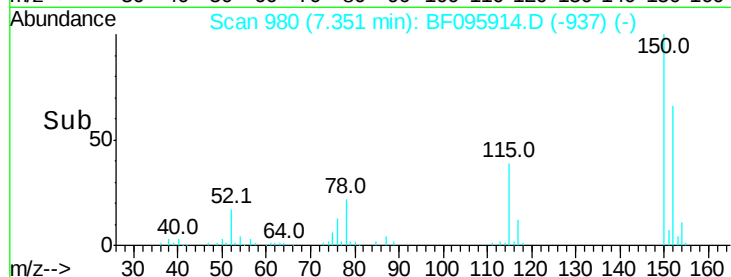
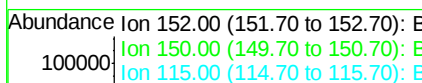
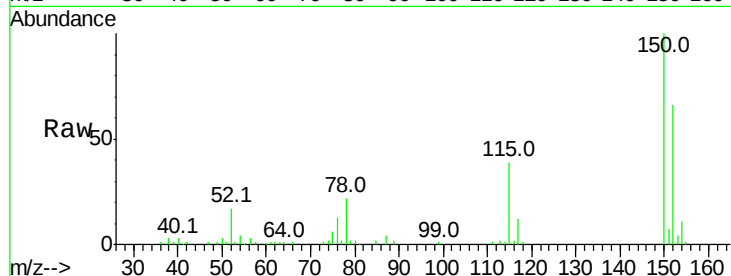
ClientSampleId :

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Tot Ion:	152	Resp:	69132
Ion Ratio	Lower	Upper	
152	100		
150	151.5	126.2	189.2
115	59.3	52.2	78.2

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#5

2-Fluorophenol

Concen: 14.33 ng

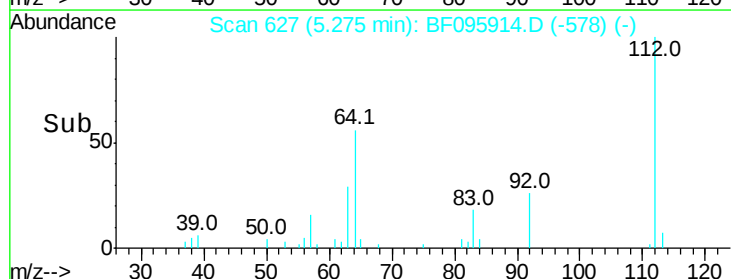
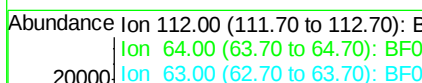
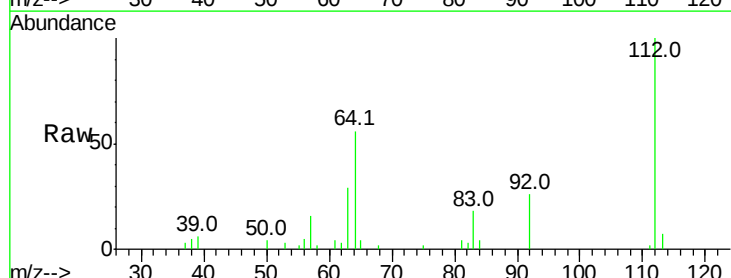
RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095914.D

Acq: 14 Jun 2017 2:11

Tgt Ion:	112	Resp:	62155
Ion Ratio	Lower	Upper	
112	100		
64	56.1	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 14.79 ng

RT: 6.96 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF095914.D

Acq: 14 Jun 2017 2:11

Instrument :

BNA_F

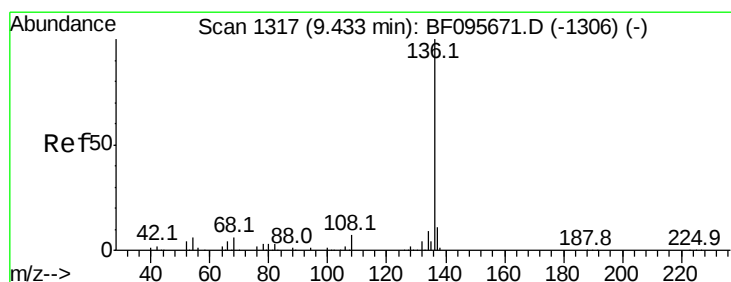
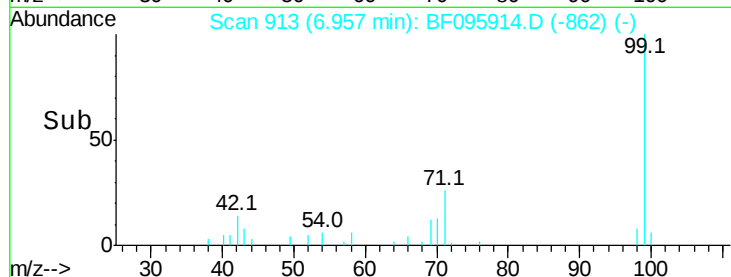
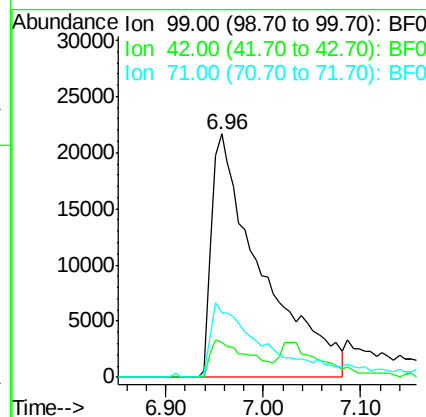
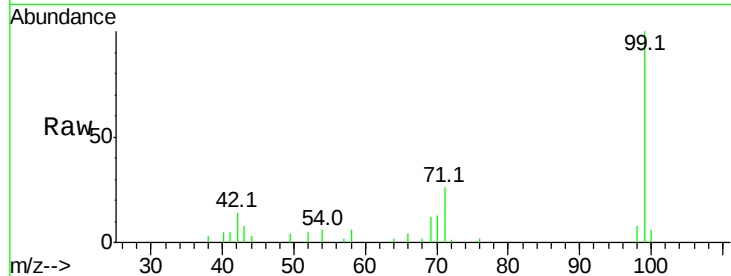
ClientSampleId :

CL-02-061217-A

Tot Ion:	99	Resp:	76836
Ion Ratio	Lower	Upper	
99	100		
42	14.2	13.5	20.3
71	26.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

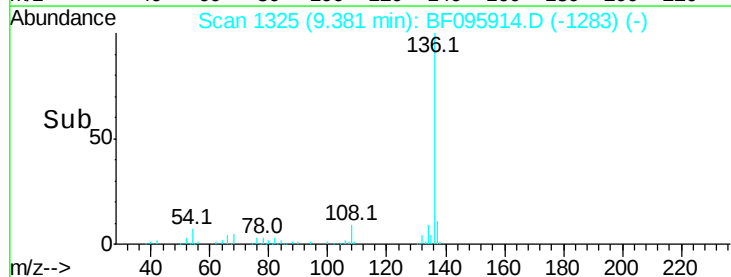
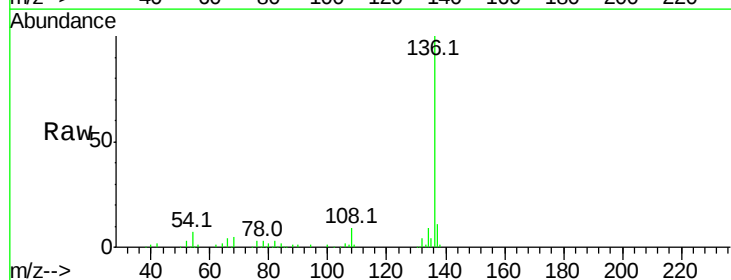
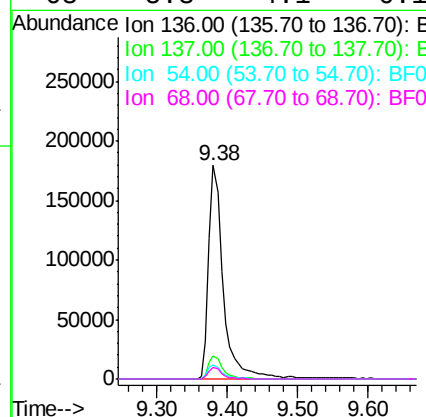
RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095914.D

Acq: 14 Jun 2017 2:11

Tgt Ion:	136	Resp:	264743
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.9	4.9	7.3
68	5.3	4.1	6.1





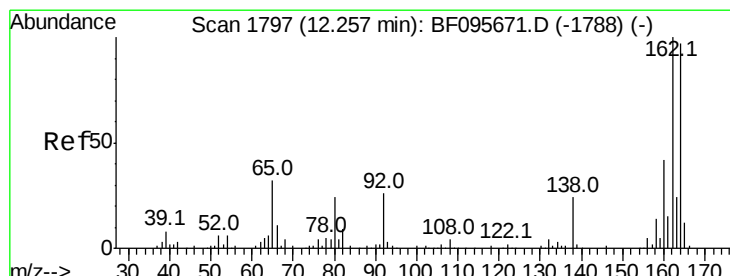
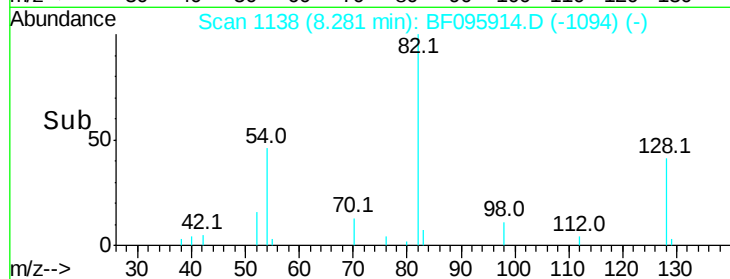
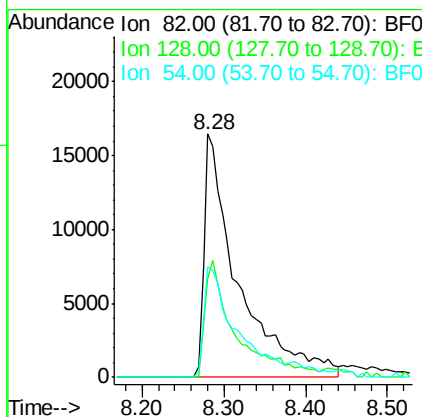
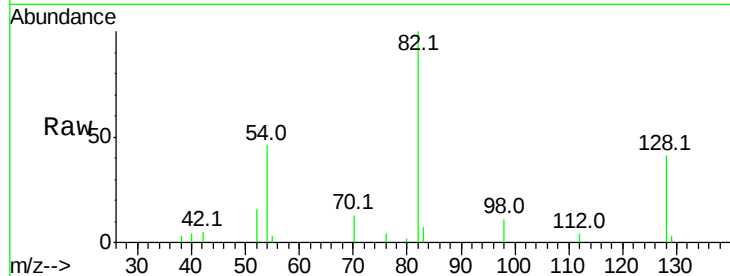
#23
 Nitrobenzene-d5
 Concen: 11.23 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095914.D
 Acq: 14 Jun 2017 2:11

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	45.6	42.2	63.2

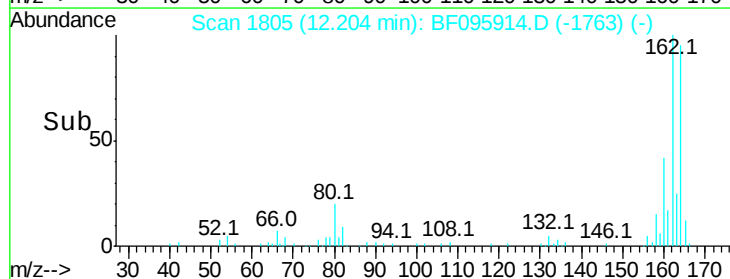
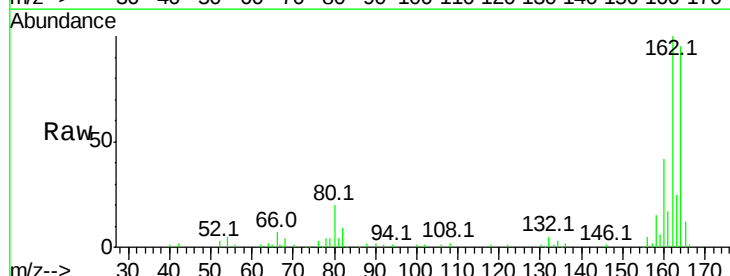
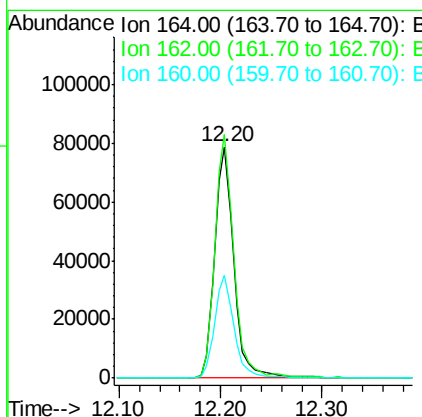
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. -0.05 min
 Lab File: BF095914.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	44.4	36.2	54.2





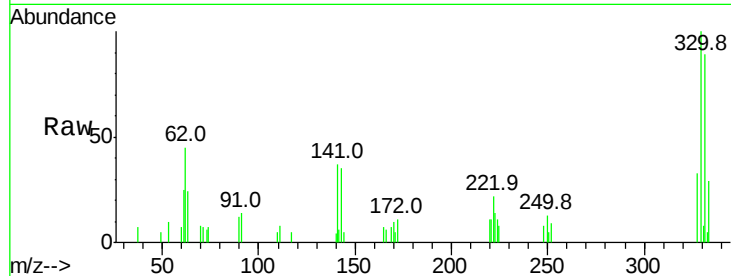
#41
 2,4,6-Tribromophenol
 Concen: 14.61 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095914.D
 Acq: 14 Jun 2017 2:11

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

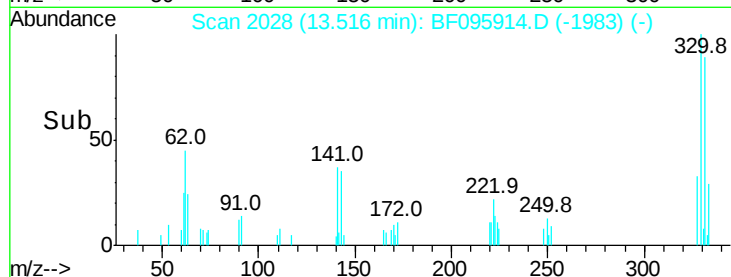
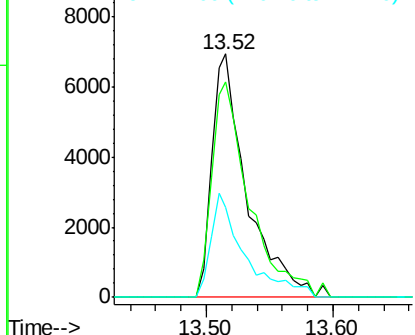
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	41.3	31.4	47.2

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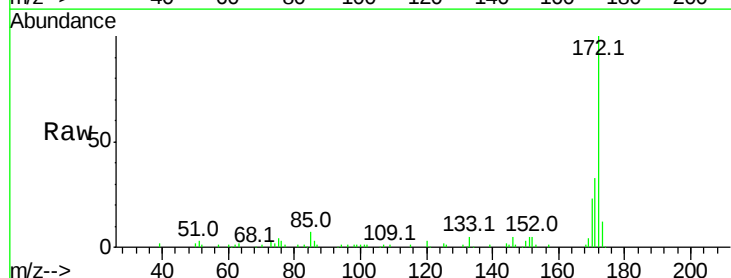


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

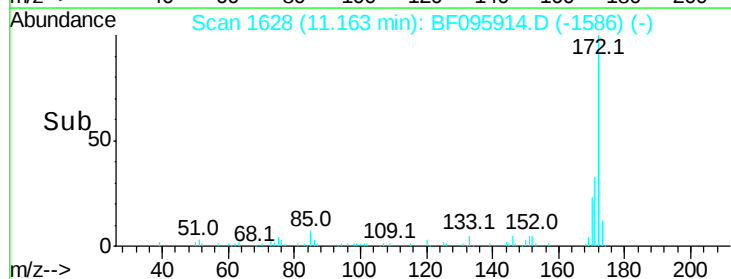
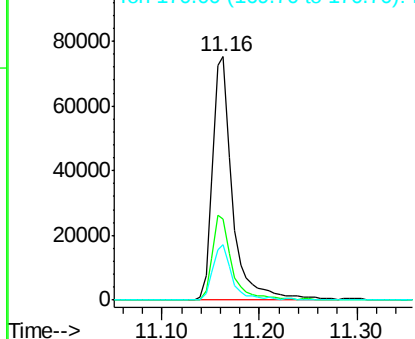


#44
 2-Fluorobiphenyl
 Concen: 14.37 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095914.D
 Acq: 14 Jun 2017 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.6	44.4
170	22.8	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





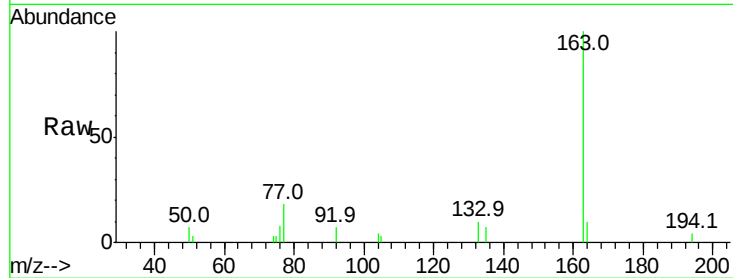
#49
Dimethylphthalate
Concen: 2.64 ng
RT: 11.86 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

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

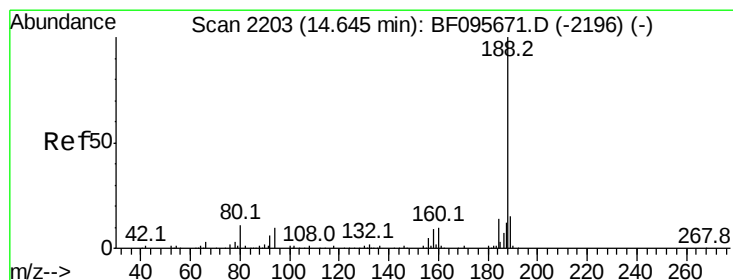
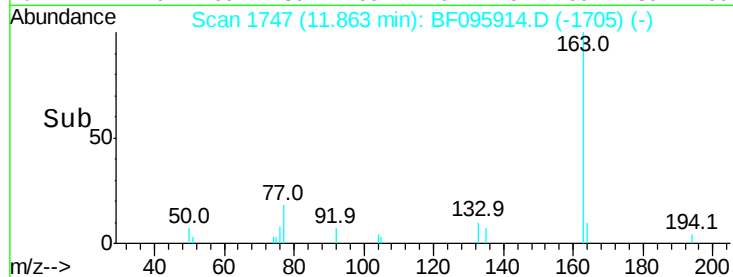
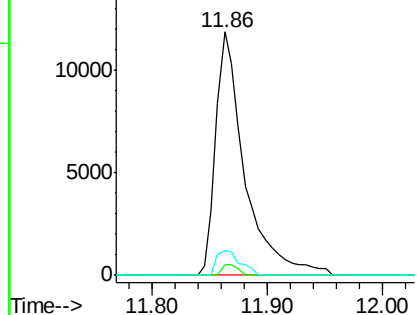
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	10.2	8.4	12.6

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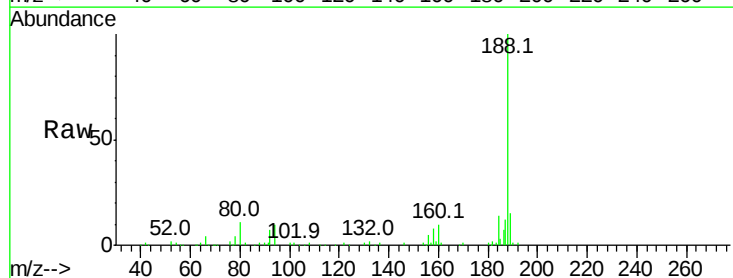


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

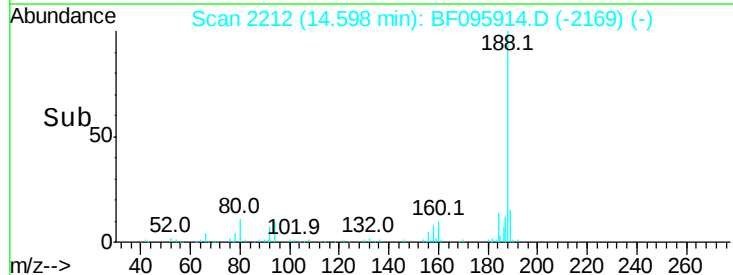
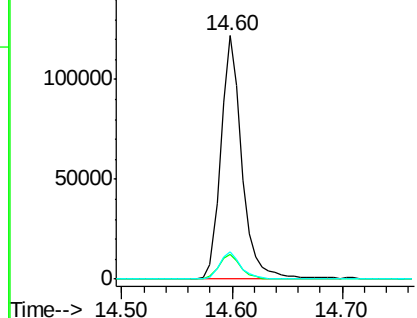


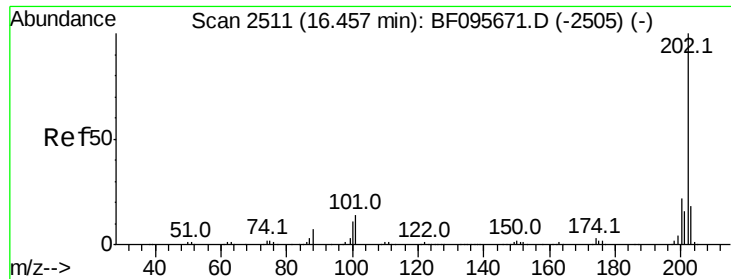
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





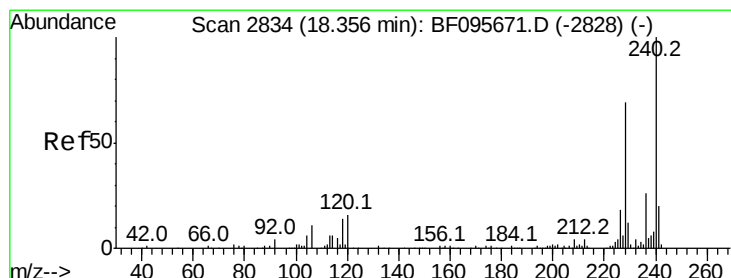
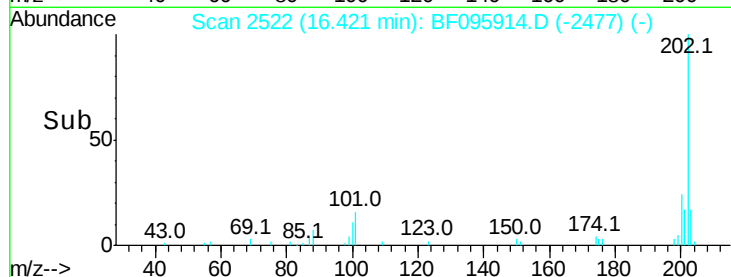
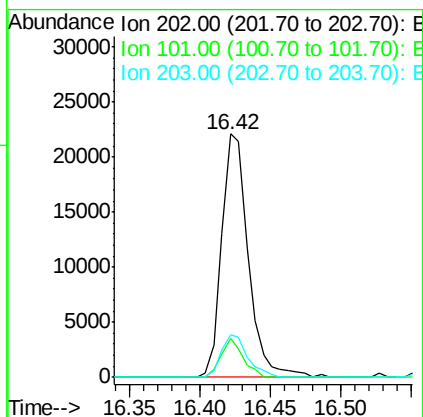
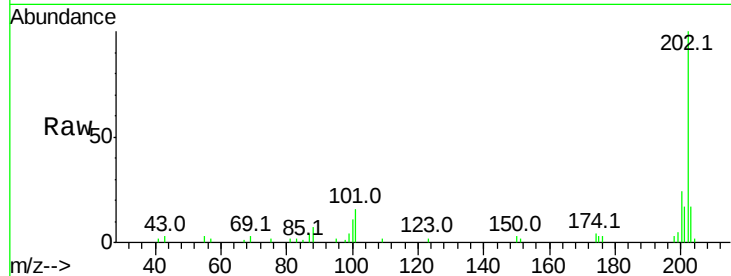
#74
Fluoranthene
 Concen: 3.13 ng
 RT: 16.42 min Scan# 2522
 Delta R.T. -0.04 min
 Lab File: BF095914.D
 Acq: 14 Jun 2017 2:11

Instrument :
 BNA_F
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 CL-02-061217-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.1	0.0	33.2
203	17.5	0.0	38.1

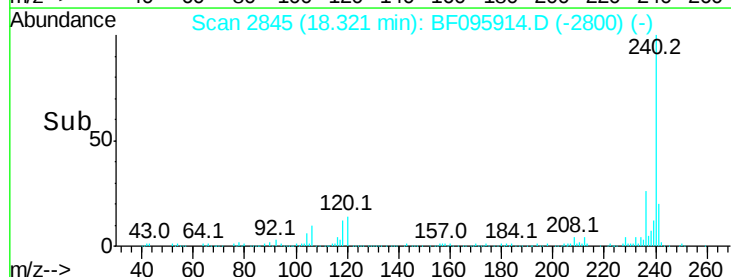
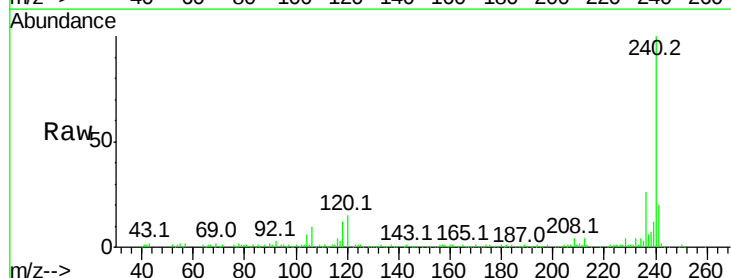
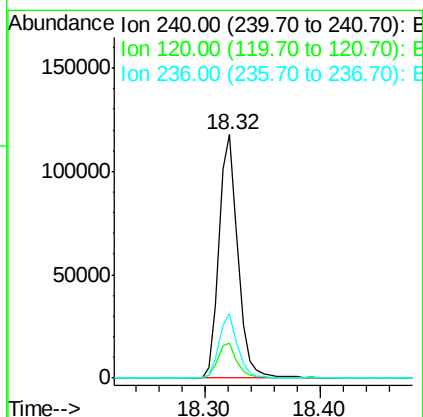
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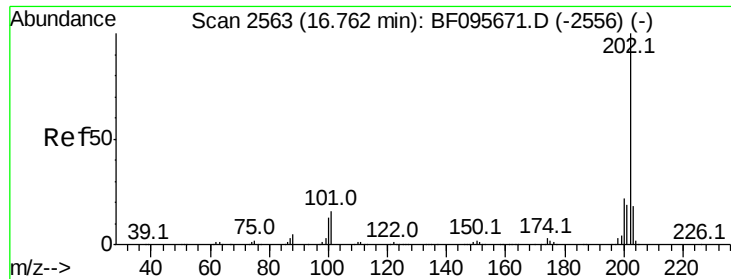
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.04 min
 Lab File: BF095914.D
 Acq: 14 Jun 2017 2:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	26.2	20.5	30.7





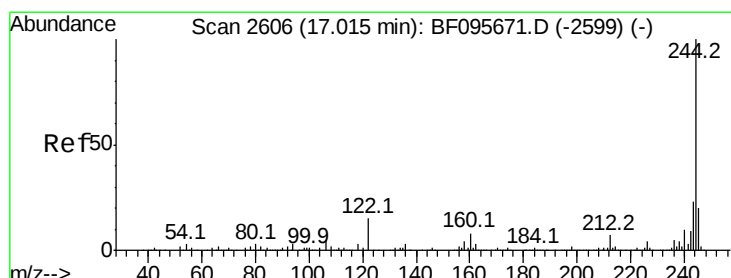
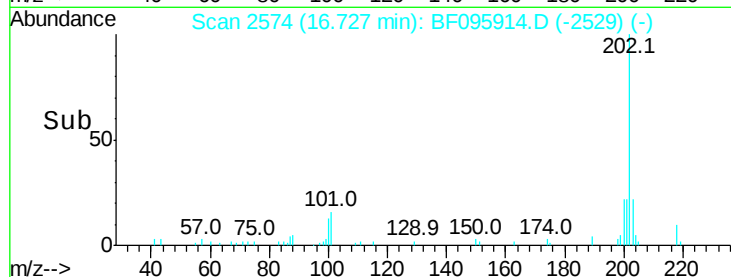
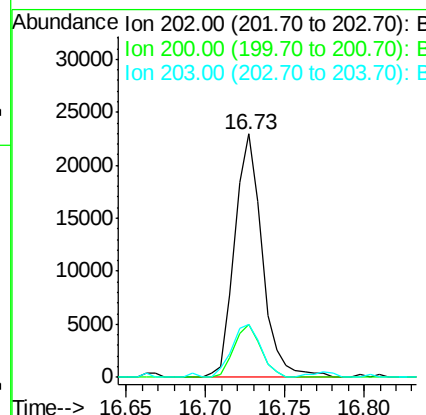
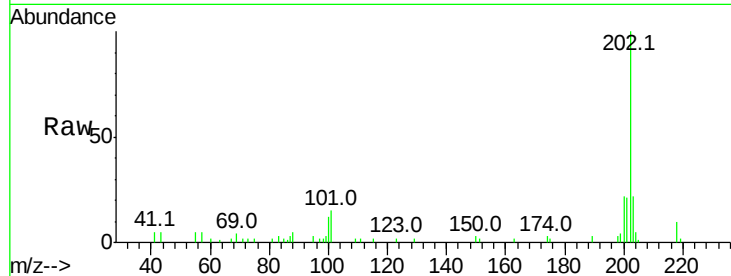
#77
Pvrene
Concen: 2.78 ng
RT: 16.73 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	21.7	14.4	21.6

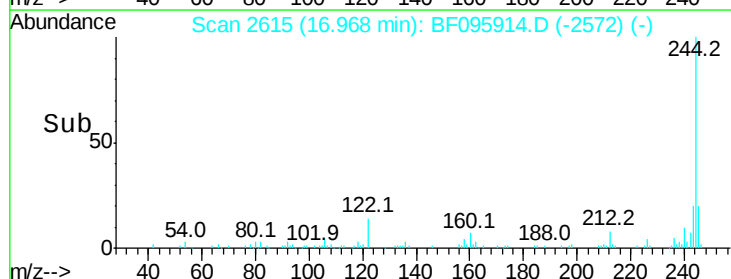
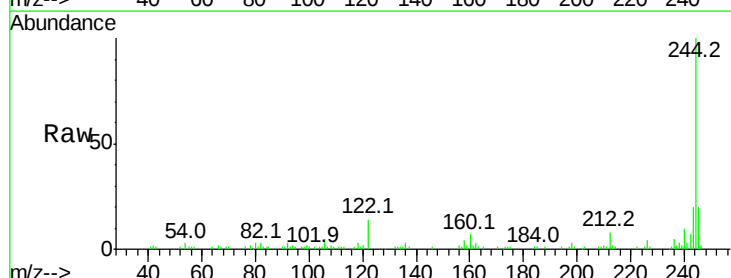
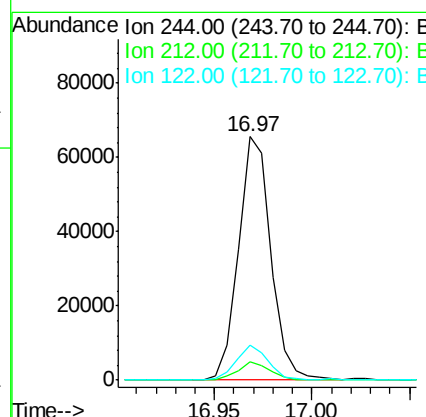
Manual Integrations
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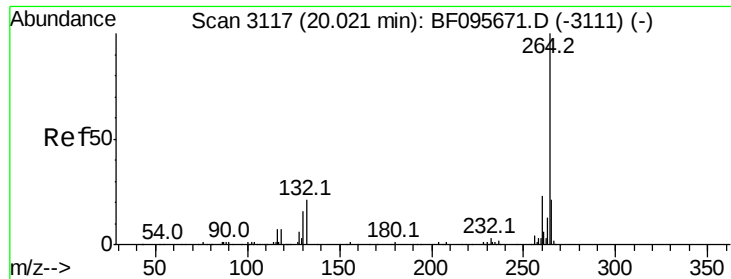
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#78
Terphenyl-d14
Concen: 13.94 ng
RT: 16.97 min Scan# 2615
Delta R.T. -0.05 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.3	10.3	15.5





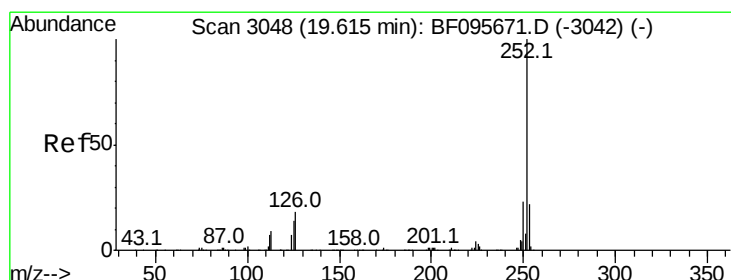
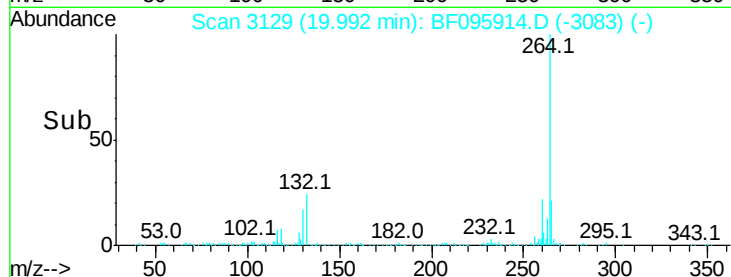
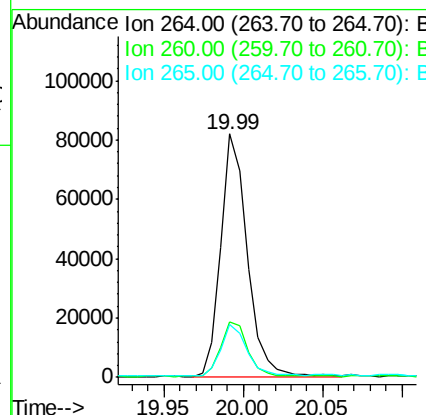
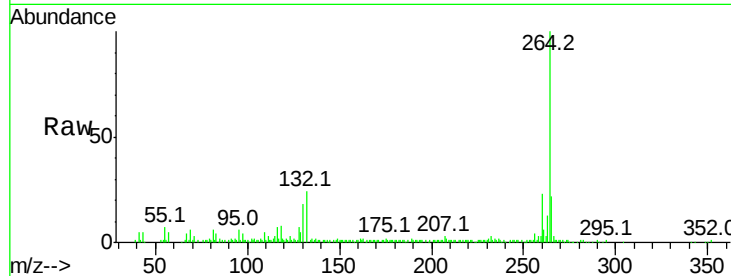
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

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

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.6	19.5	29.3	
265	22.0	17.2	25.8	

Manual Integrations
APPROVED

mohammad
6/14/2017 4:25:17 PM



#87
Benzo(b)fluoranthene
Concen: 2.79 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095914.D
Acq: 14 Jun 2017 2:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.2	18.1	27.1	
125	23.2	9.8	14.8	

