

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096194.D
 Acq On : 24 Jun 2017 17:15
 Operator : SJ/MA
 Sample : I3851-08 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-34-1.5-3

Manual Integrations
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Quant Time: Jun 26 02:43:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66070	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	254755	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	98639	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	158644	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	145637	20.00	ng	-0.02
86) Perylene-d12	19.93	264	104058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	45730	11.03	ng	0.03
7) Phenol-d6	6.90	99	75461	15.20	ng	0.03
23) Nitrobenzene-d5	8.22	82	41739	10.18	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	10922	12.51	ng	-0.01
44) 2-Fluorobiphenyl	11.07	172	92603	13.06	ng	-0.04
78) Terphenyl-d14	16.90	244	66543	11.34	ng	-0.03
Target Compounds						
74) Fluoranthene	16.35	202	25600	2.83	ng	99
77) Pyrene	16.66	202	25996	2.39	ng	98
83) Bis(2-ethylhexyl)phthalate	18.33	149	14731	2.20	ng	# 95
87) Benzo(b)fluoranthene	19.53	252	20172m	3.10	ng	

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

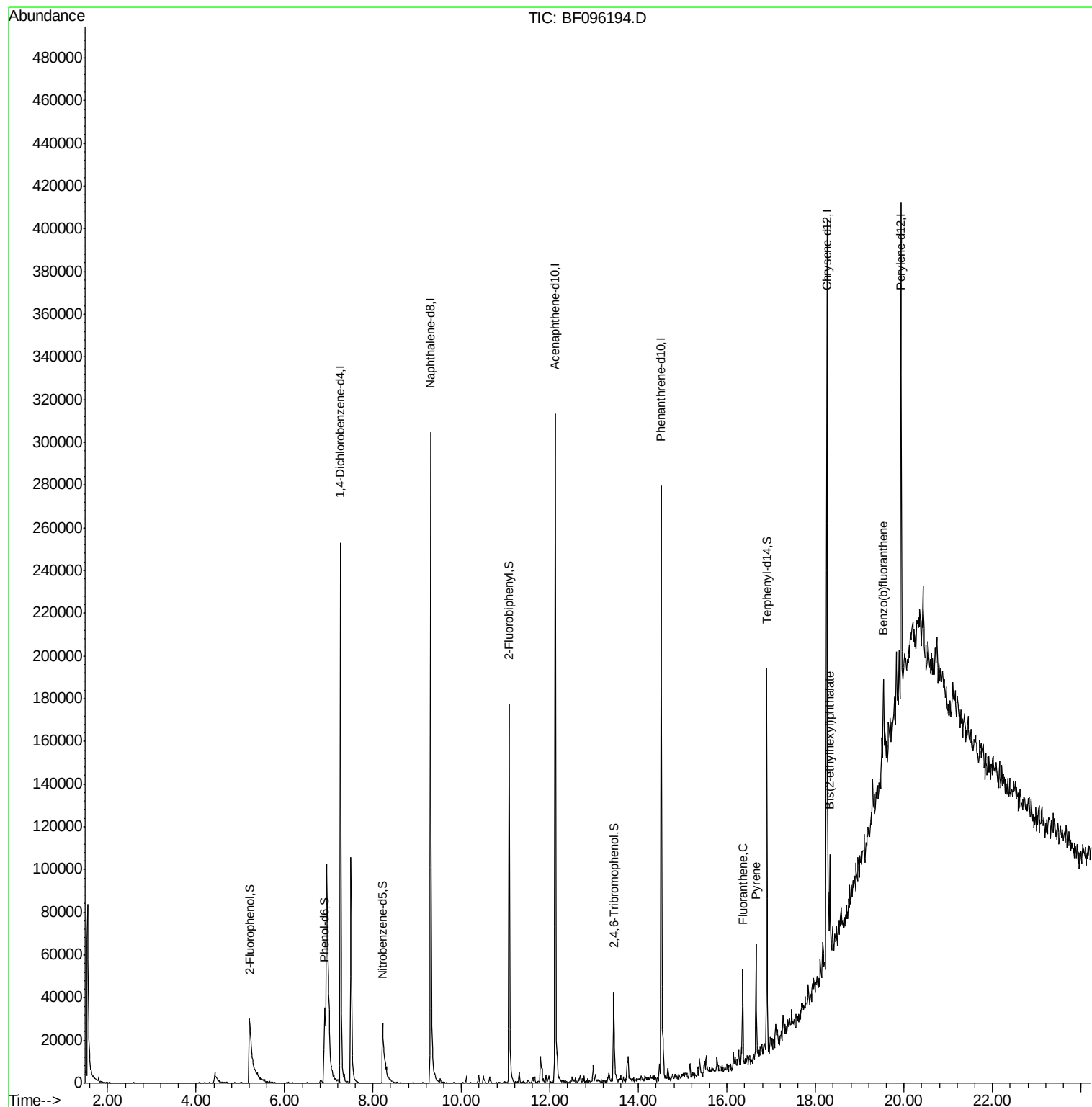
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096194.D
Acq On : 24 Jun 2017 17:15
Operator : SJ/MA
Sample : I3851-08 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

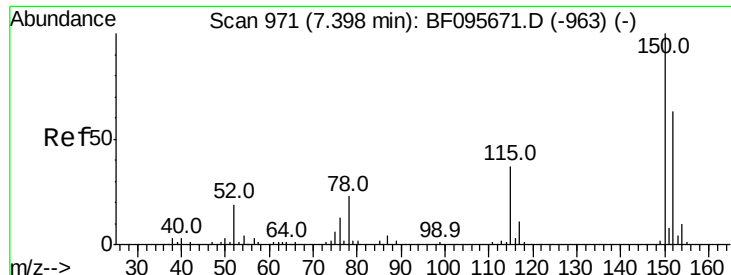
Instrument :
BNA_F
ClientSampleId :
G-34-1.5-3

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#1

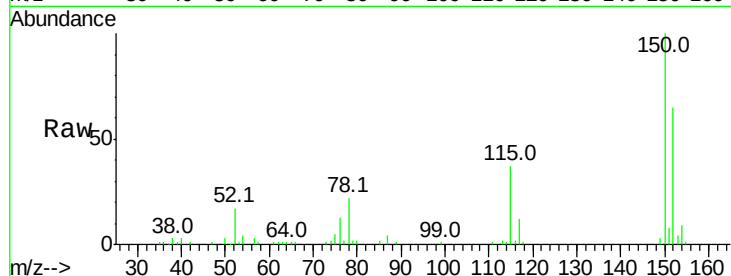
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Instrument :
BNA_F
ClientSampleId :
G-34-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	57.4	52.2	78.2

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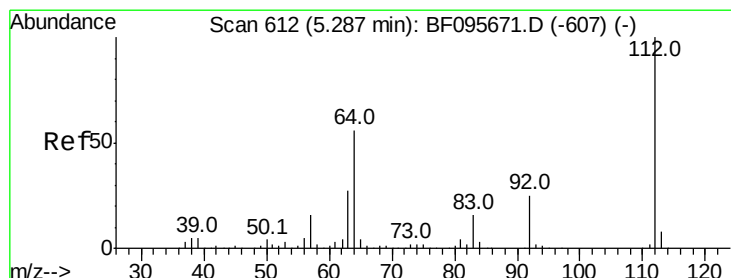
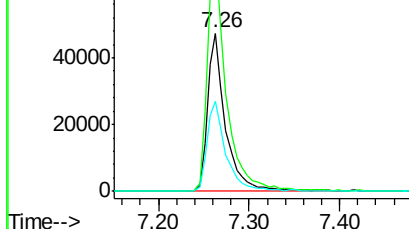
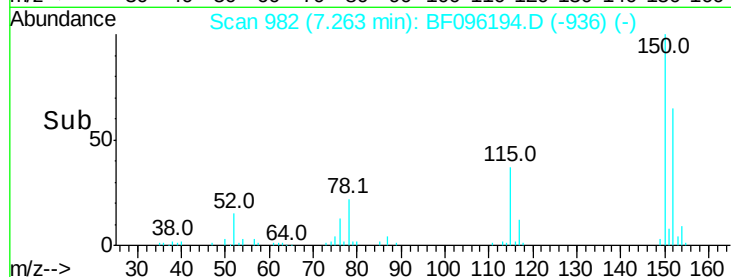


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

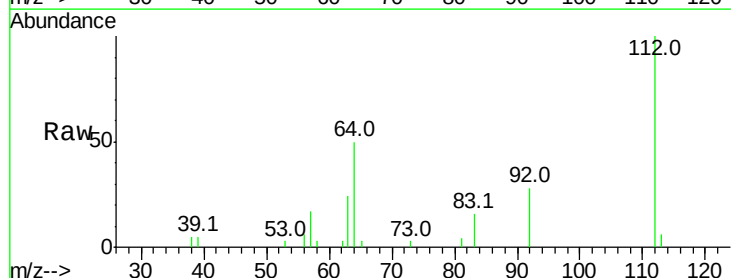
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.03 ng
RT: 5.21 min Scan# 633
Delta R.T. 0.03 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	46.0	69.0
63	24.4	23.4	35.0

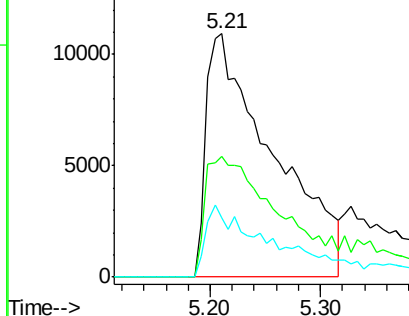
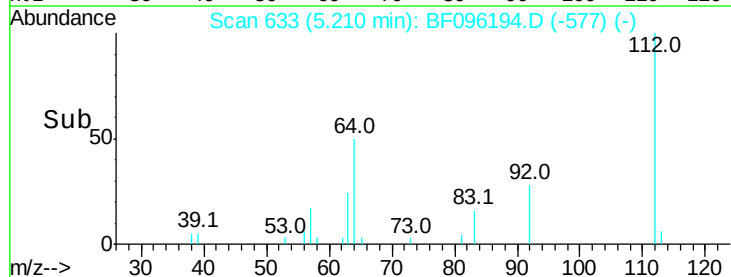


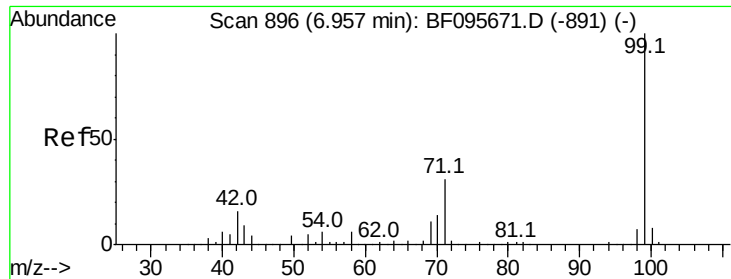
Abundance

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: 15.20 ng

RT: 6.90 min Scan# 921

Delta R.T. 0.03 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Instrument :

BNA_F

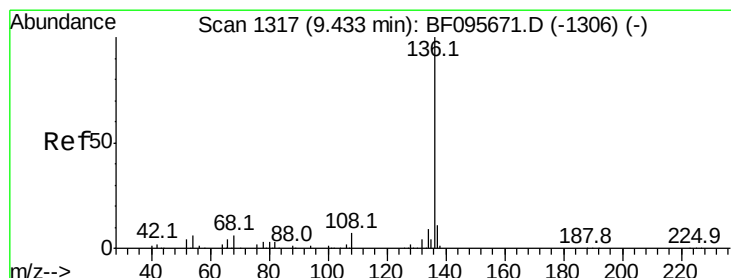
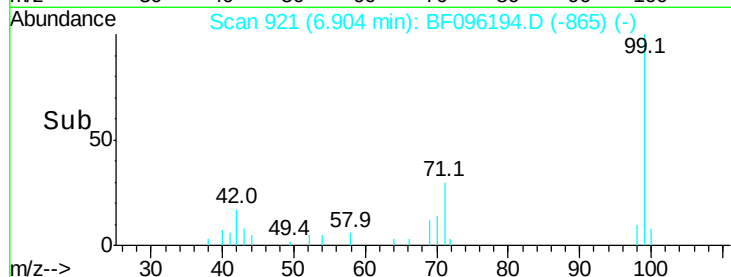
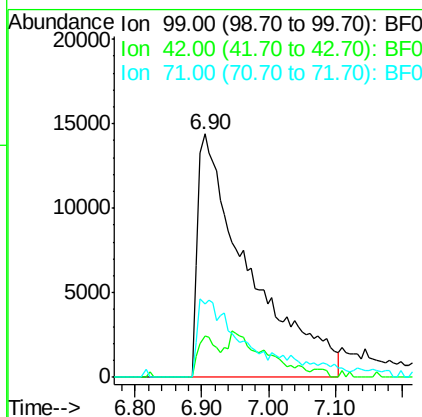
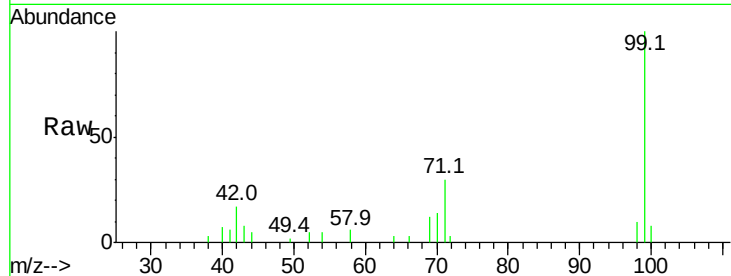
ClientSampleId :

G-34-1.5-3

Tot Ion:	99	Resp:	75461
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	29.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

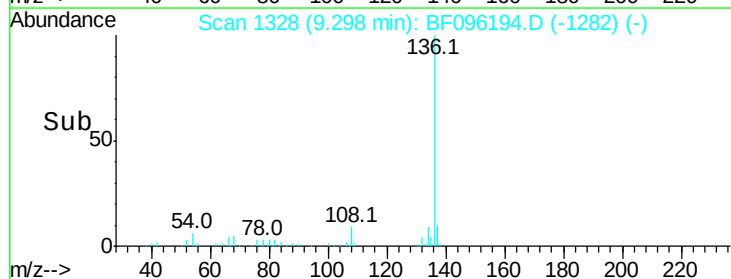
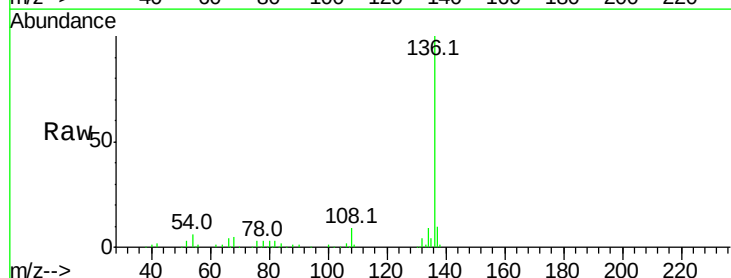
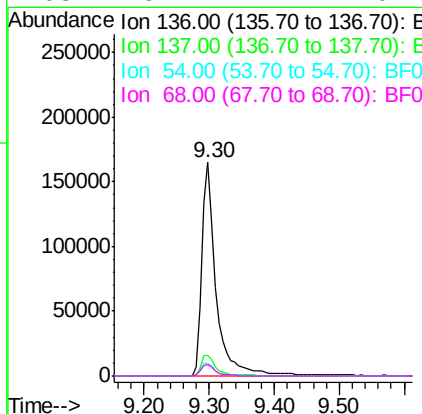
RT: 9.30 min Scan# 1328

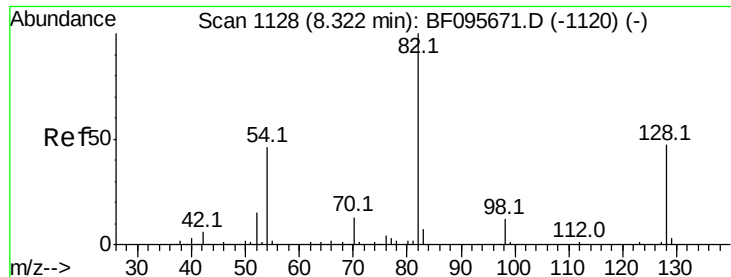
Delta R.T. -0.03 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Tgt Ion:	136	Resp:	254755
Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.5	12.7
54	6.1	4.9	7.3
68	5.2	4.1	6.1





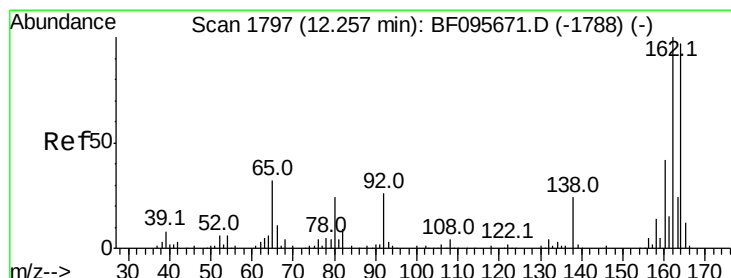
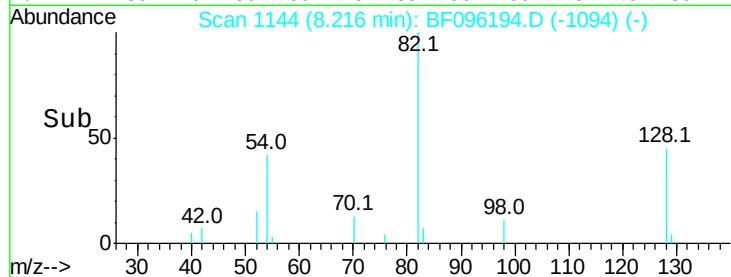
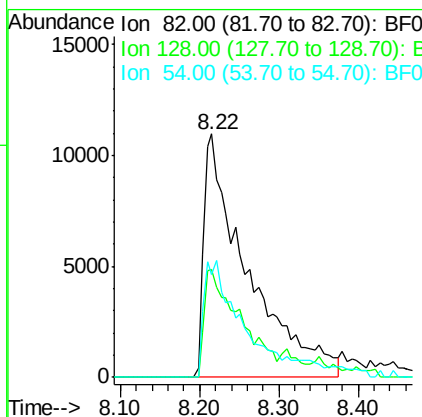
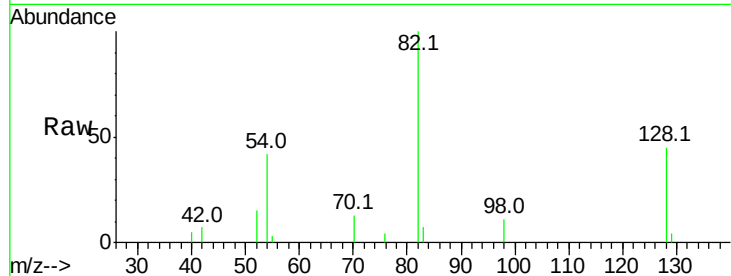
#23
Nitrobenzene-d5
Concen: 10.18 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Instrument :
BNA_F
ClientSampleId :
G-34-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.0	51.0
54	42.5	42.2	63.2

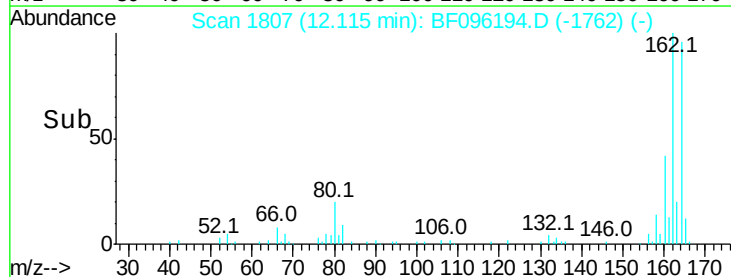
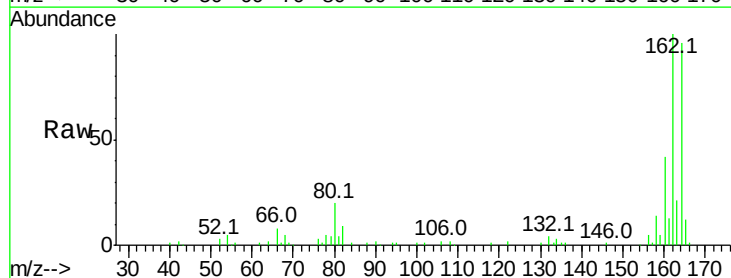
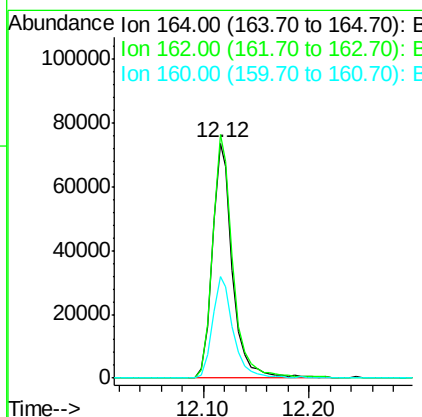
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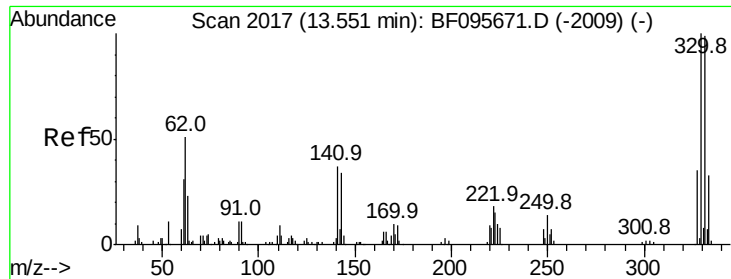
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	43.5	36.2	54.2





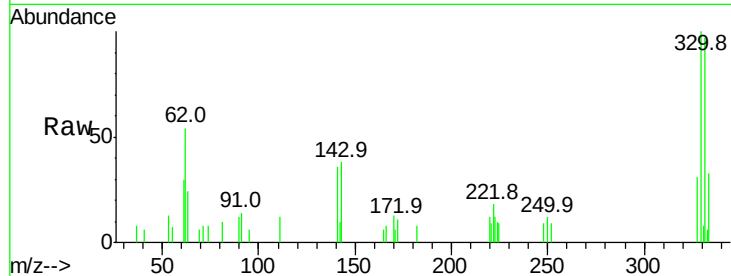
#41
 2,4,6-Tribromophenol
 Concen: 12.51 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096194.D
 Acq: 24 Jun 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 G-34-1.5-3

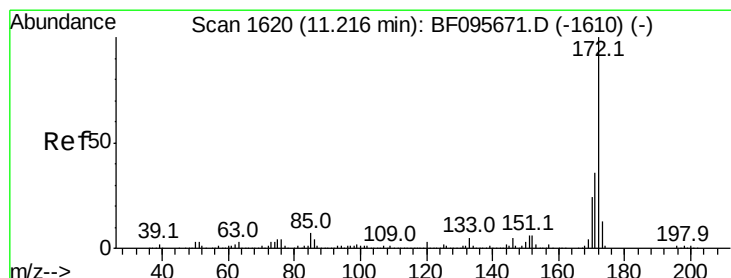
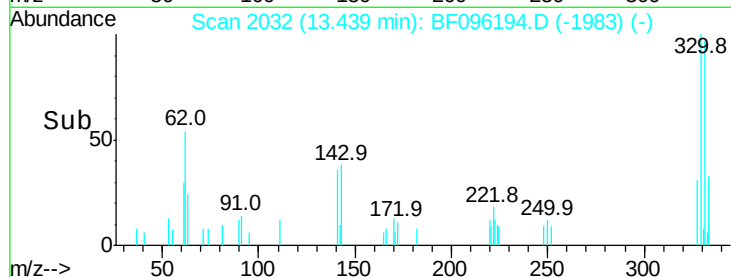
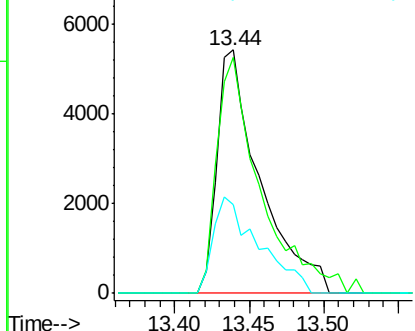
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	115.0
141	42.0	31.4	47.2

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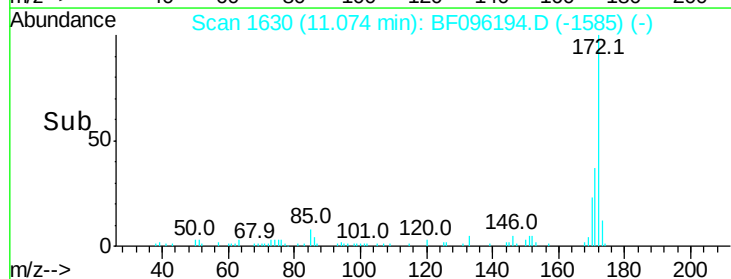
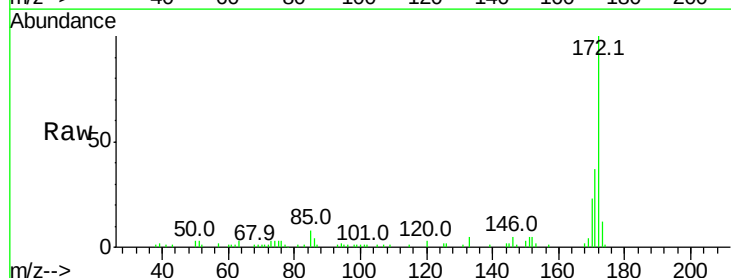
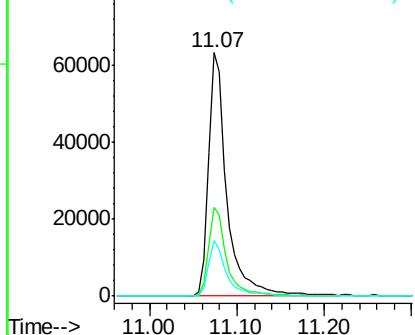
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

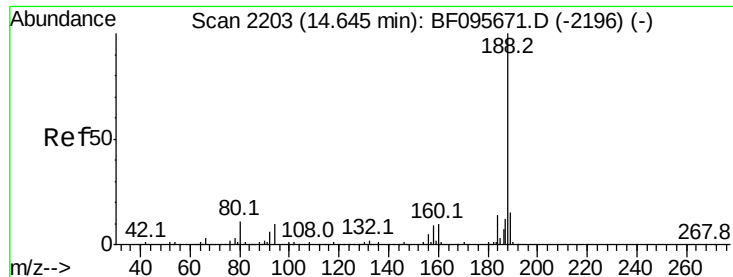


#44
 2-Fluorobiphenyl
 Concen: 13.06 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096194.D
 Acq: 24 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	22.5	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Instrument :

BNA_F

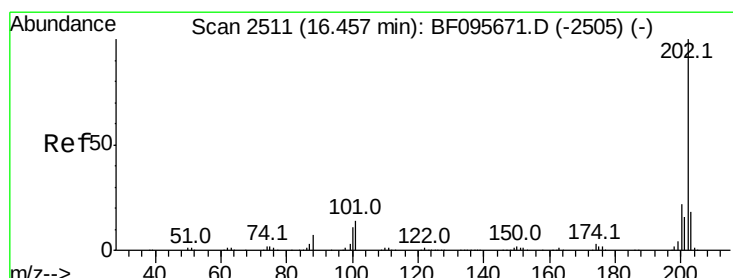
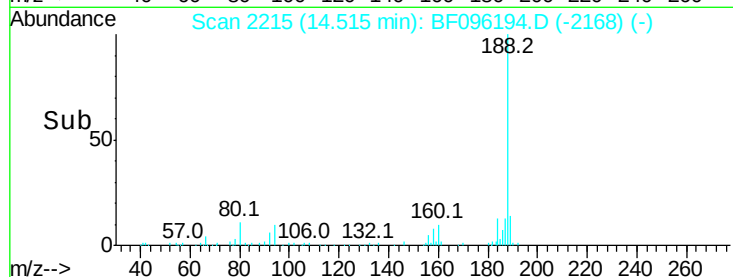
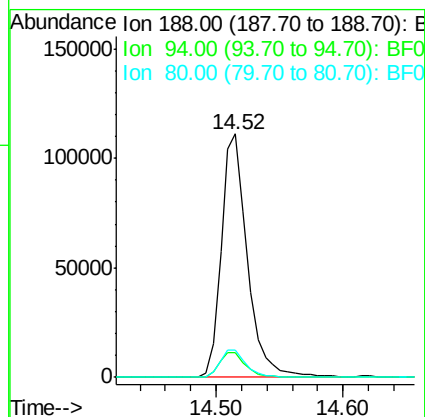
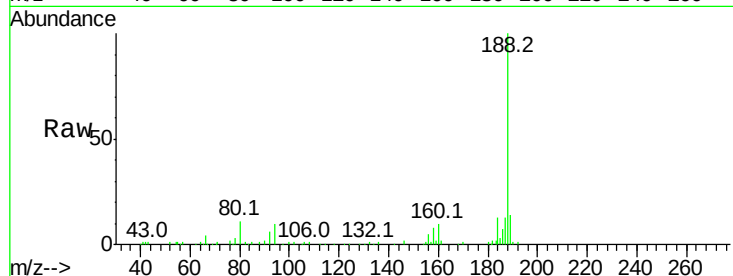
ClientSampleId :

G-34-1.5-3

Tot Ion:	188	Resp:	158644
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	11.3	10.2	15.2

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#74

Fluoranthene

Concen: 2.83 ng

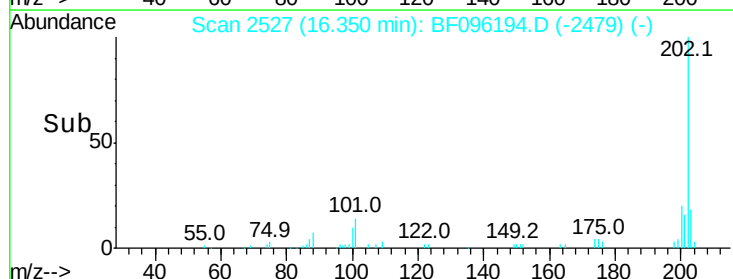
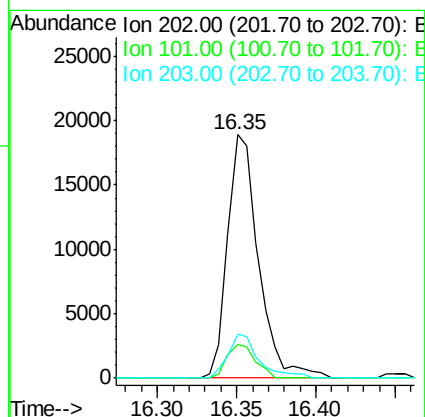
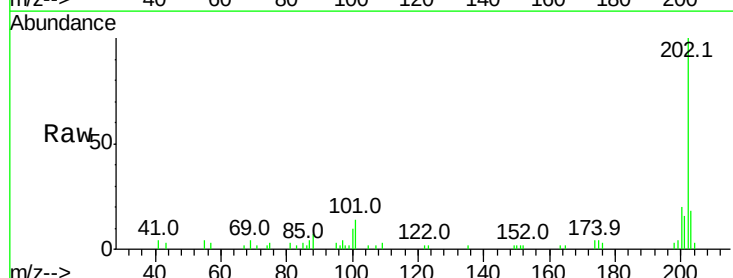
RT: 16.35 min Scan# 2527

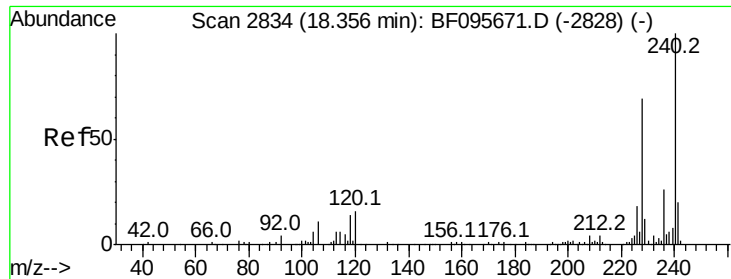
Delta R.T. -0.02 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Tgt Ion:	202	Resp:	25600
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.2
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Instrument :

BNA_F

ClientSampleId :

G-34-1.5-3

Tot Ion:240 Resp: 145637

Ion Ratio Lower Upper

240 100

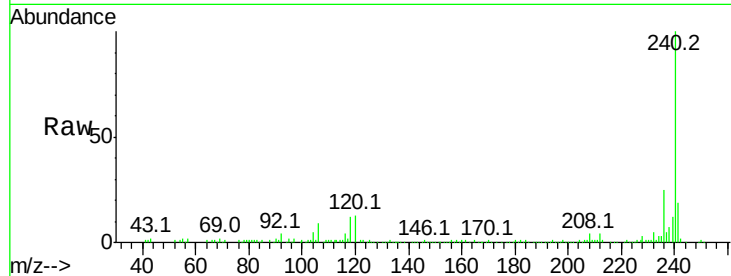
120 13.1 5.8 8.8#

236 25.4 20.5 30.7

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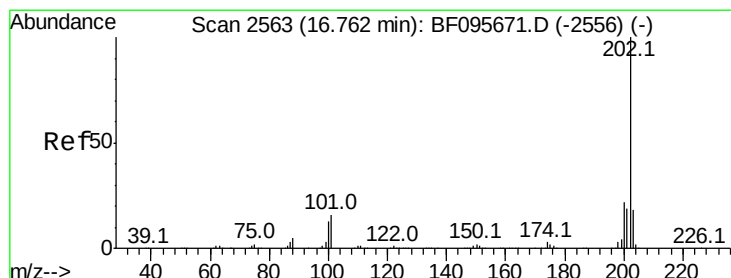
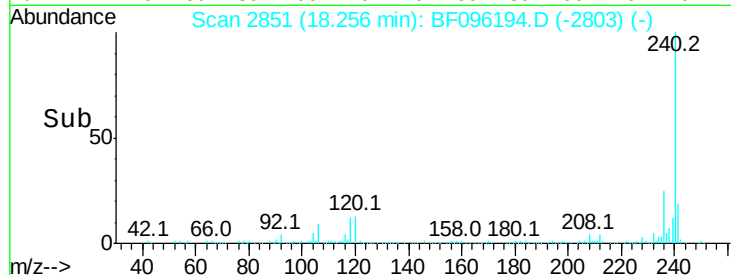
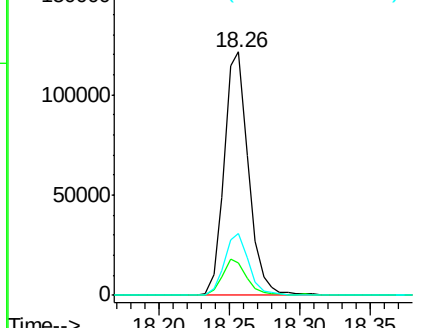
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.39 ng

RT: 16.66 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

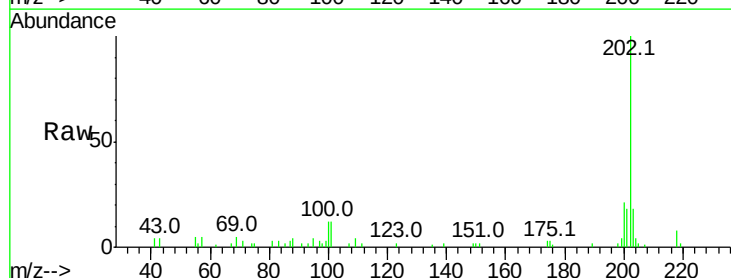
Tgt Ion:202 Resp: 25996

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

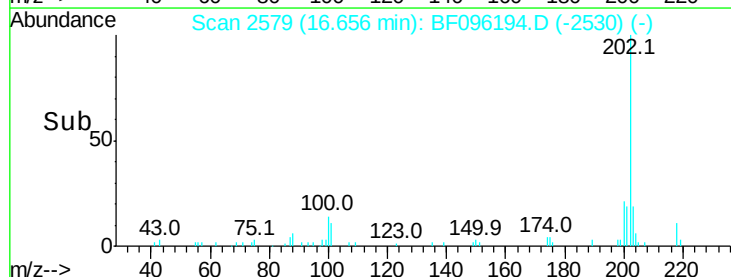
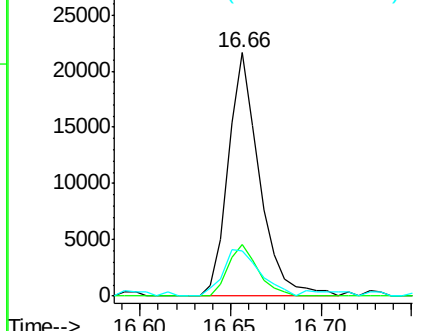
203 18.4 14.4 21.6

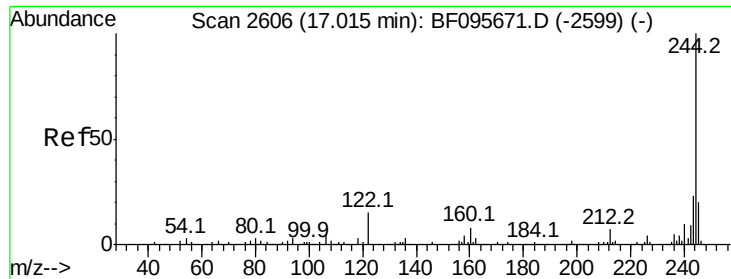


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.34 ng

RT: 16.90 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Instrument :

BNA_F

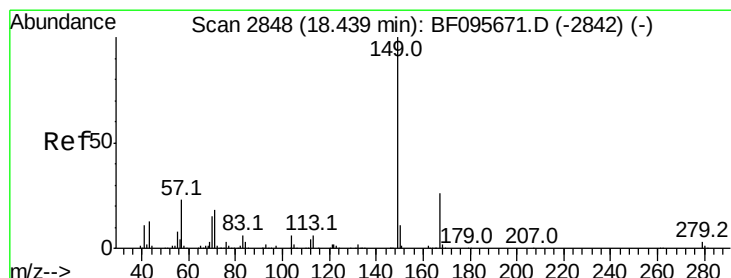
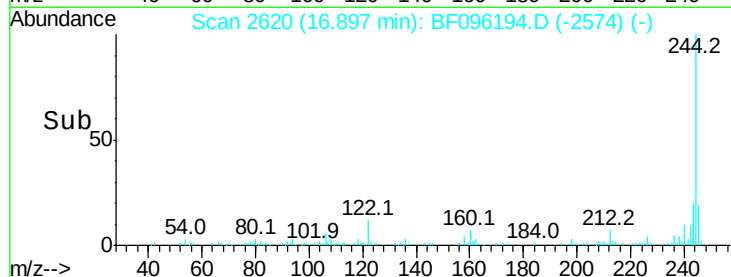
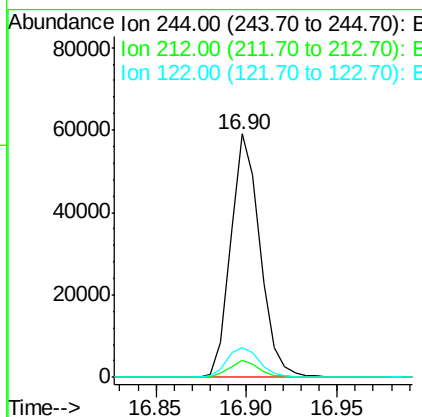
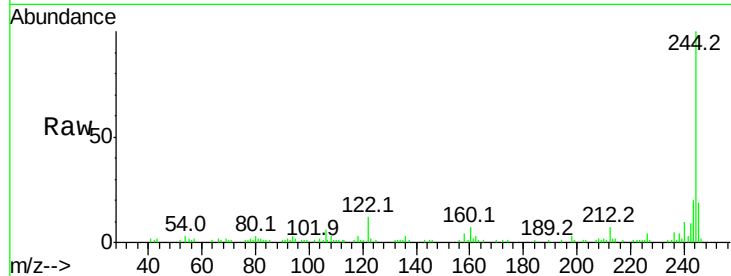
ClientSampleId :

G-34-1.5-3

Tot Ion:	244	Resp:	66543
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	12.3	10.3	15.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.20 ng

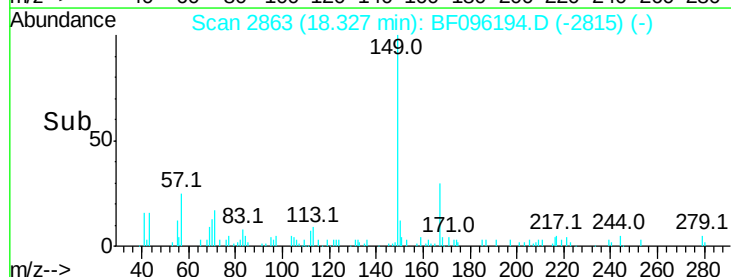
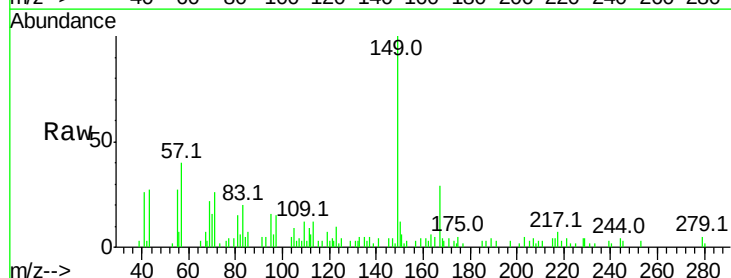
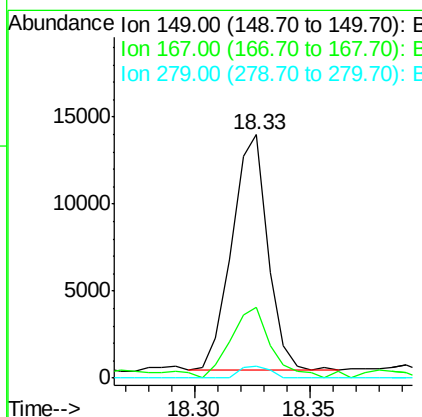
RT: 18.33 min Scan# 2863

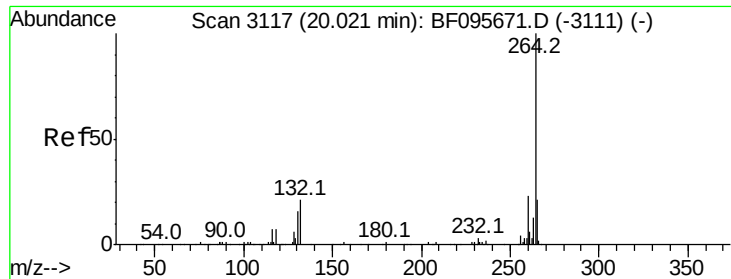
Delta R.T. -0.02 min

Lab File: BF096194.D

Acq: 24 Jun 2017 17:15

Tgt Ion:	149	Resp:	14731
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.0	31.4
279	4.9	1.9	2.9#





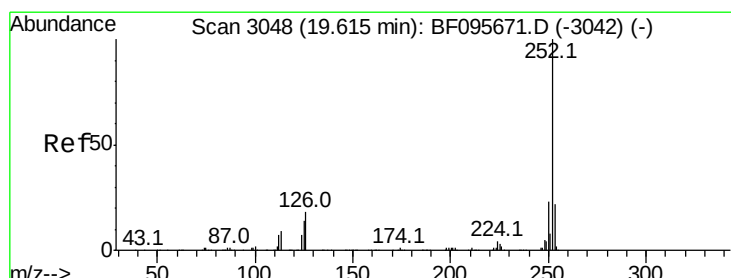
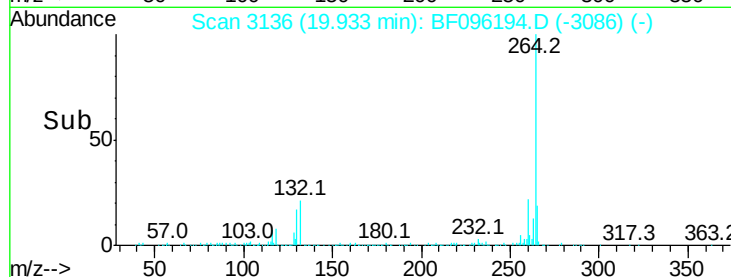
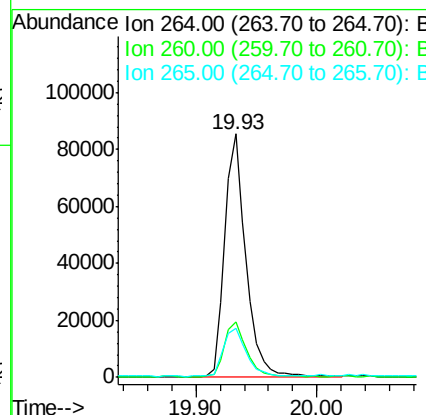
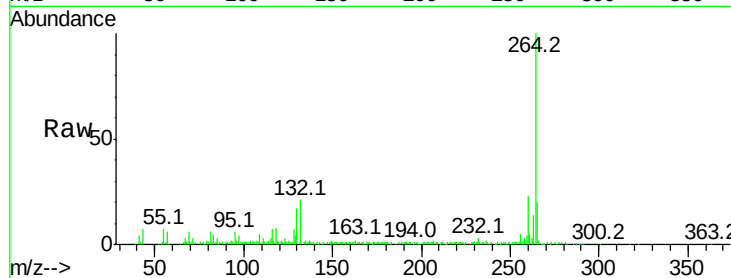
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Instrument :
BNA_F
ClientSampleId :
G-34-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.0	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/29/2017 3:45:00 PM



#87
Benzo(b)fluoranthene
Concen: 3.10 ng m
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096194.D
Acq: 24 Jun 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	28.8	9.8	14.8#

