

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095151.D
 Acq On : 16 May 2017 5:56
 Operator : SJ/MA
 Sample : I3140-16 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-30-3

Manual Integrations
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 5/17/2017 2:20:58 PM

Quant Time: May 16 09:30:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	69537	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	291328	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	124578	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	178603	20.00	ng	0.05
75) Chrysene-d12	18.70	240	176196	20.00	ng	0.05
86) Perylene-d12	20.38	264	136794	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.87	112	4305	1.03	ng	0.19
7) Phenol-d6	7.44	99	9868	1.97	ng	0.16
23) Nitrobenzene-d5	8.74	82	6865	1.49	ng	0.11
41) 2,4,6-Tribromophenol	13.96	330	2411	2.36	ng	0.08
44) 2-Fluorobiphenyl	11.58	172	24086	2.78	ng	0.05
78) Terphenyl-d14	17.35	244	20746	2.59	ng	0.04
Target Compounds						
74) Fluoranthene	16.81	202	84086	7.99	ng	99
77) Pyrene	17.11	202	76698	5.82	ng	96
82) Chrysene	18.74	228	22408m	2.26	ng	
87) Benzo(b)fluoranthene	19.98	252	18280m	2.16	ng	

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

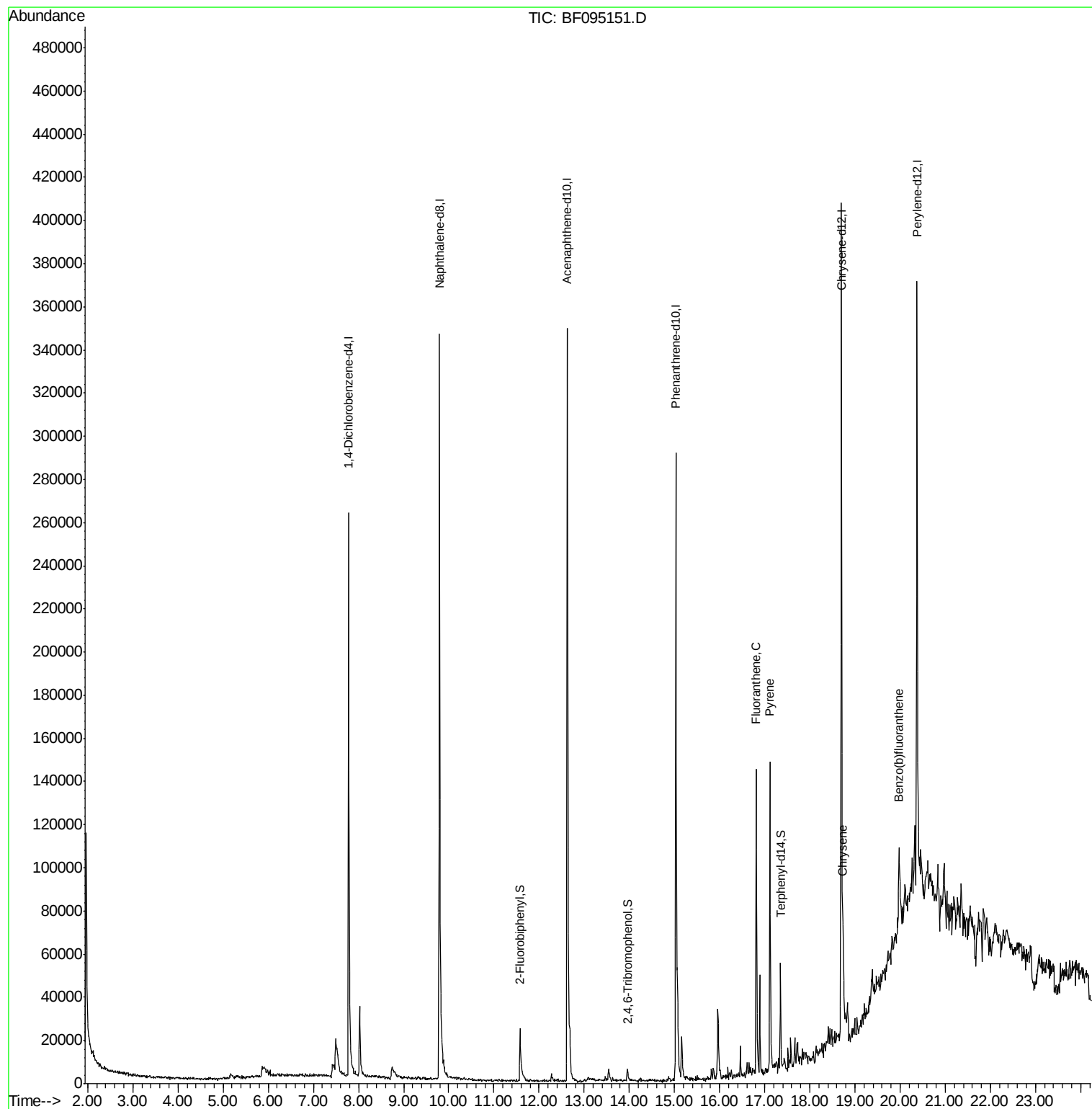
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095151.D

Acq: 16 May 2017 5:56

Instrument :

BNA_F

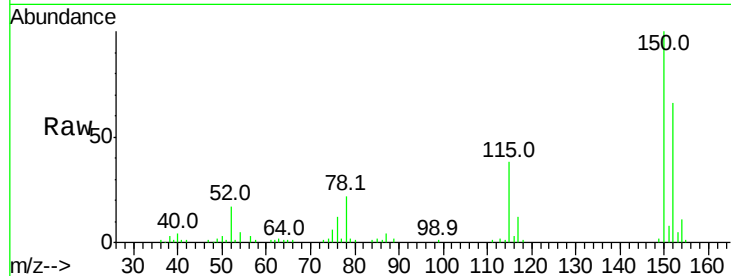
ClientSampleId :

TP-30-3

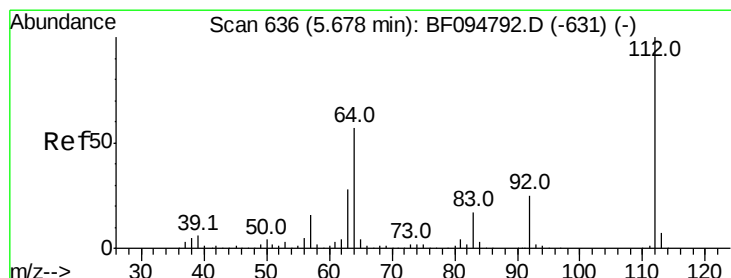
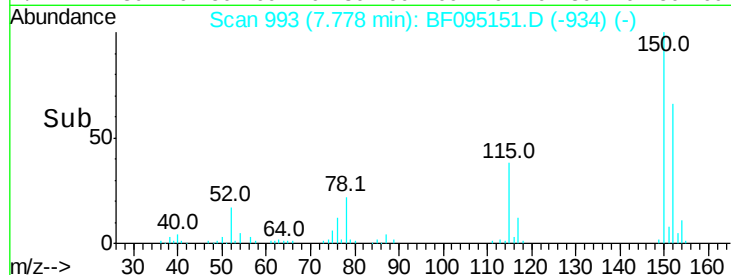
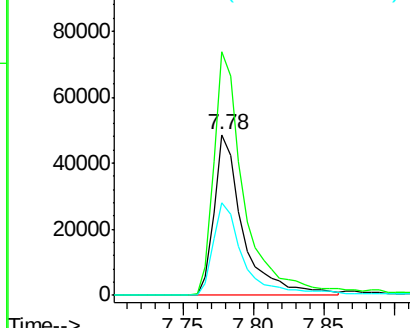
Tot Ion:	152	Resp:	69537
Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.2	189.2
115	57.8	52.2	78.2

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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: 1.03 ng

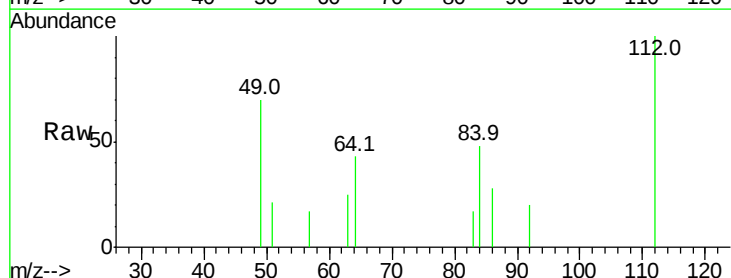
RT: 5.87 min Scan# 669

Delta R.T. 0.19 min

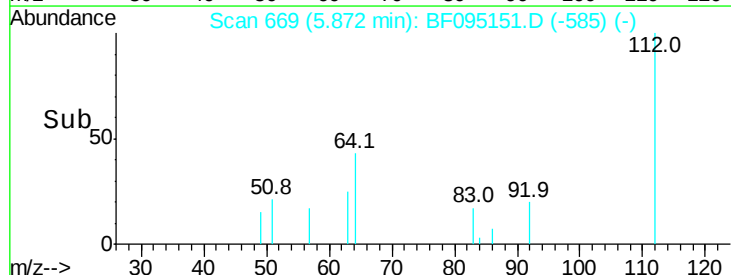
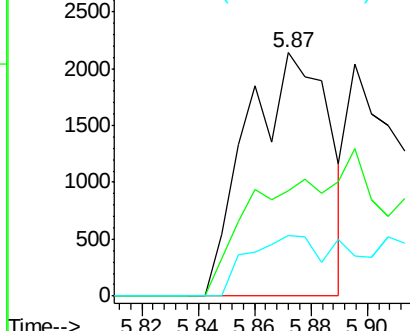
Lab File: BF095151.D

Acq: 16 May 2017 5:56

Tgt Ion:	112	Resp:	4305
Ion	Ratio	Lower	Upper
112	100		
64	43.3	46.0	69.0#
63	25.0	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: 1.97 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.16 min

Lab File: BF095151.D

Acq: 16 May 2017 5:56

Instrument :

BNA_F

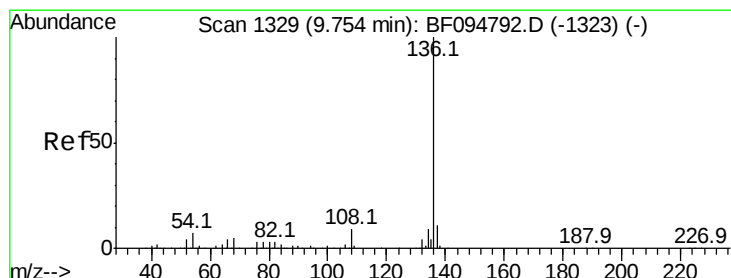
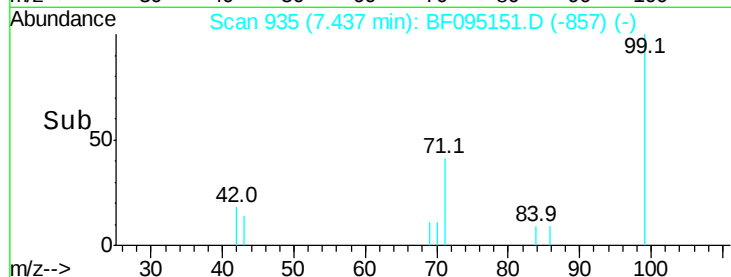
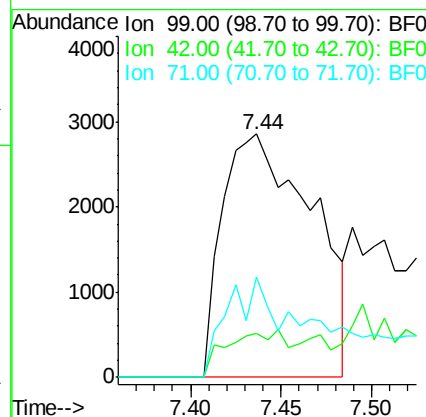
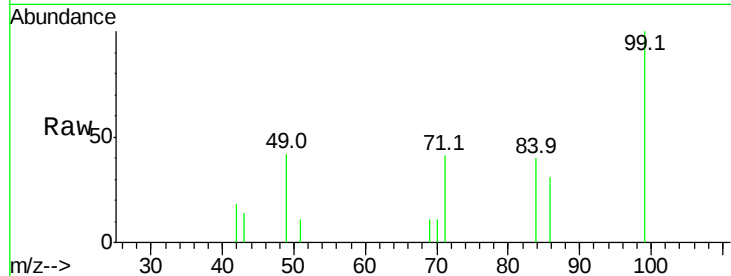
ClientSampleId :

TP-30-3

Tot Ion:	99	Resp:	9868
Ion Ratio	Lower	Upper	
99	100		
42	18.0	13.5	20.3
71	41.0	24.5	36.7#

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#21

Naphthalene-d8

Concen: 20.00 ng

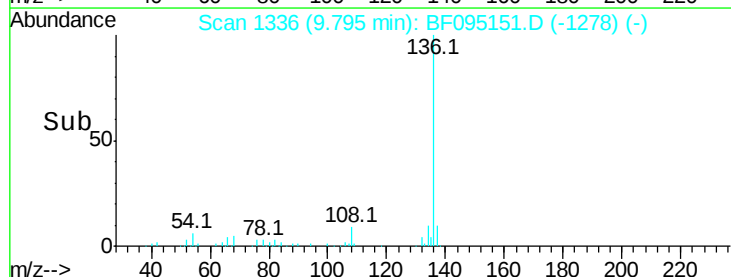
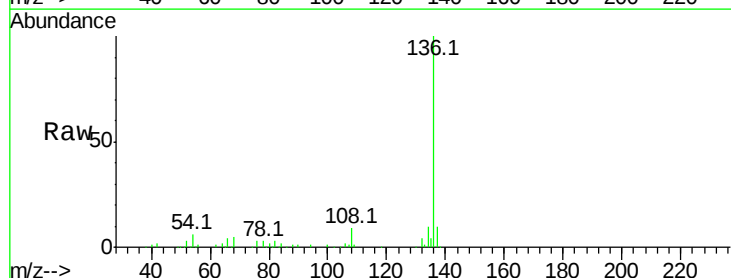
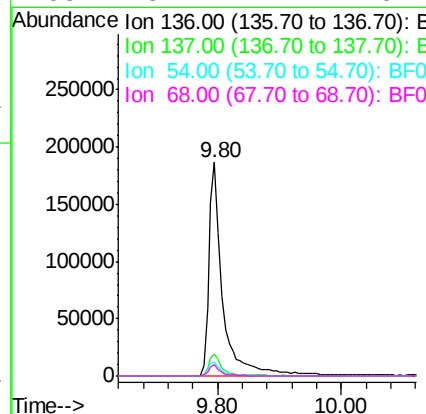
RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095151.D

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Tgt Ion:	136	Resp:	291328
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.5	12.7
54	6.4	4.9	7.3
68	5.2	4.1	6.1





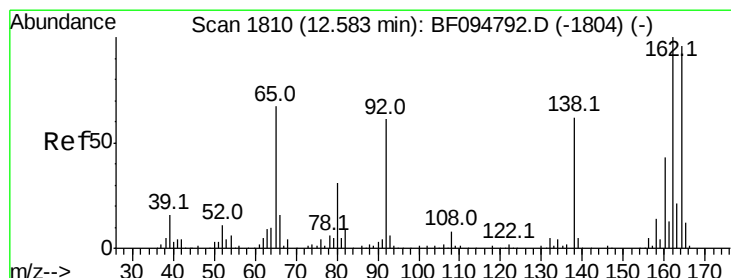
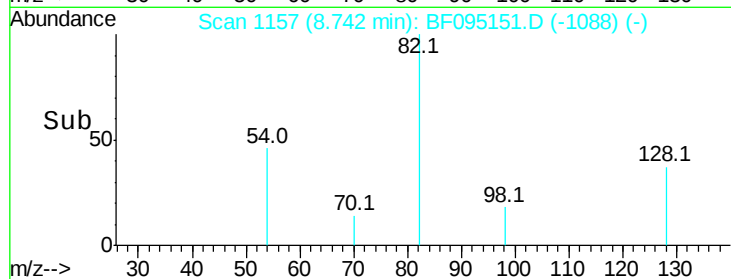
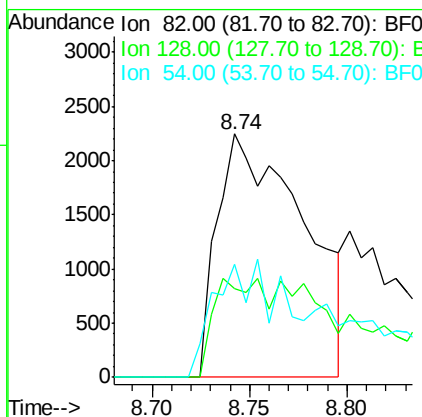
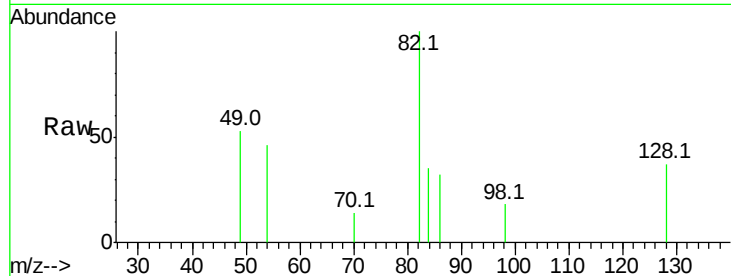
#23
 Nitrobenzene-d5
 Concen: 1.49 ng
 RT: 8.74 min Scan# 1157
 Delta R.T. 0.11 min
 Lab File: BF095151.D
 Acq: 16 May 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-30-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.0	51.0
54	46.5	42.2	63.2

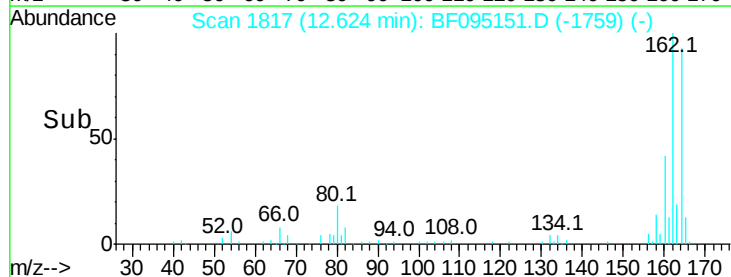
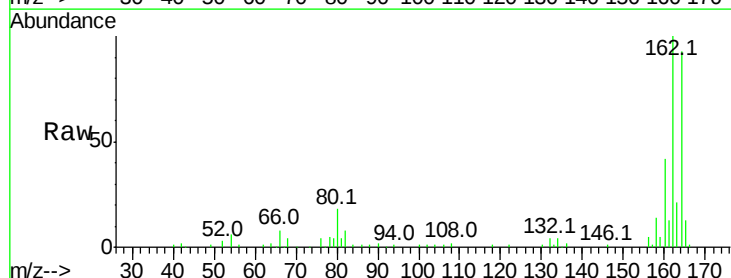
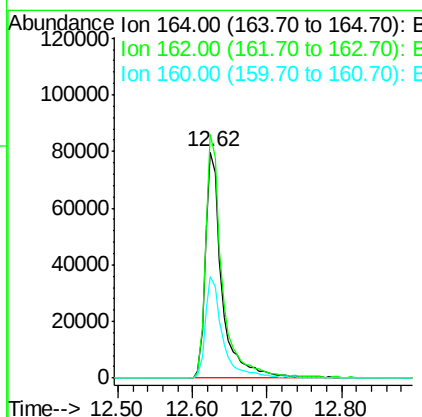
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095151.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.6	123.8
160	44.8	36.2	54.2





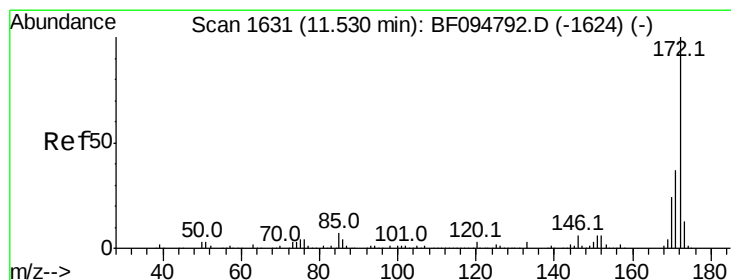
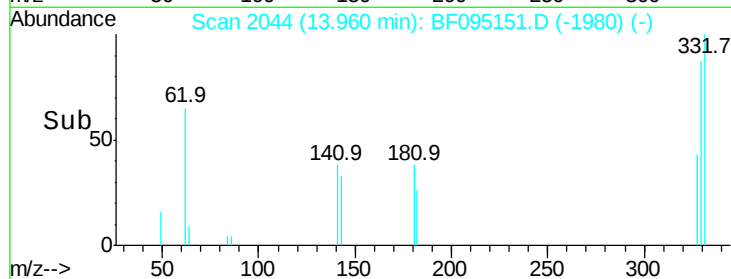
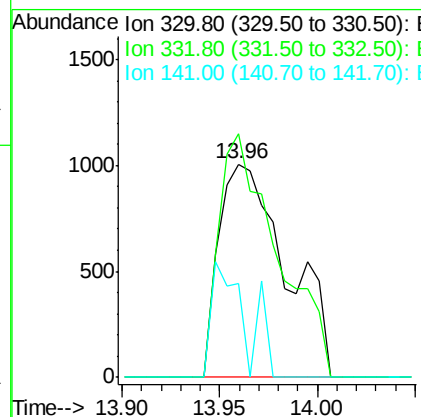
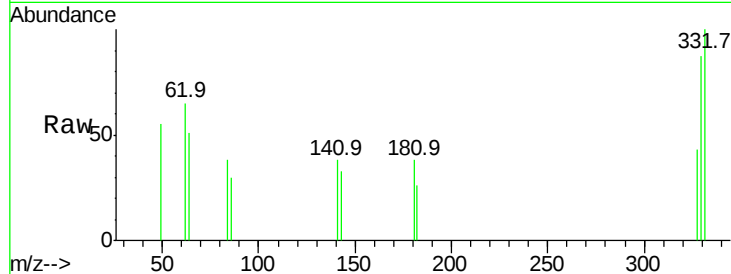
#41
 2,4,6-Tribromophenol
 Concen: 2.36 ng
 RT: 13.96 min Scan# 2044
 Delta R.T. 0.08 min
 Lab File: BF095151.D
 Acq: 16 May 2017 5:56

Instrument :
 BNA_F
 ClientSampled :
 TP-30-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	2411		
332	98.9		76.6	115.0
141	27.5		31.4	47.2#

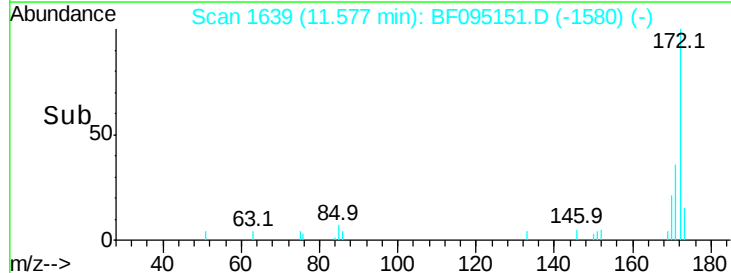
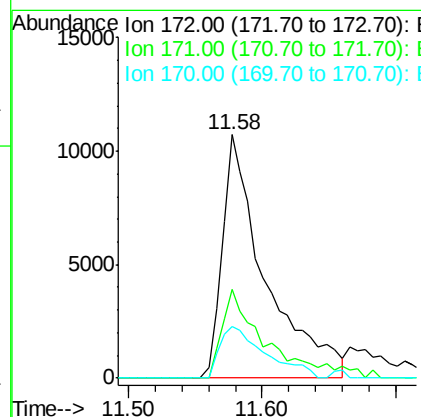
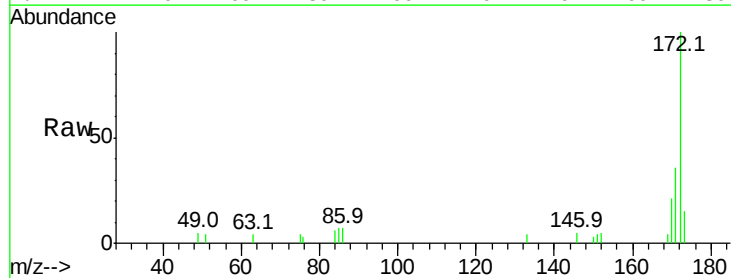
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#44
 2-Fluorobiphenyl
 Concen: 2.78 ng
 RT: 11.58 min Scan# 1639
 Delta R.T. 0.05 min
 Lab File: BF095151.D
 Acq: 16 May 2017 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	24086		
171	36.3		29.6	44.4
170	21.4		19.8	29.8





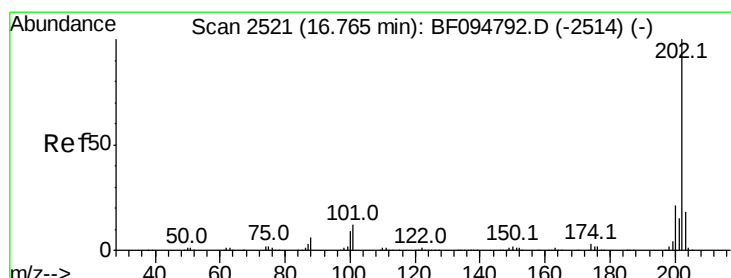
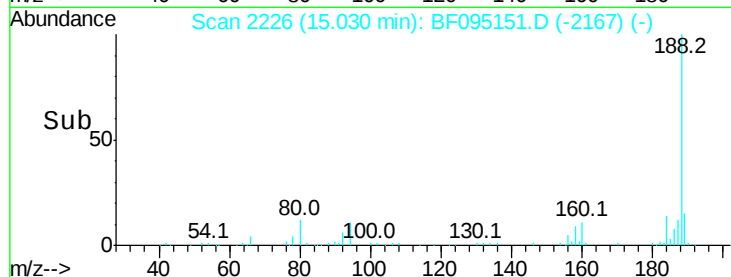
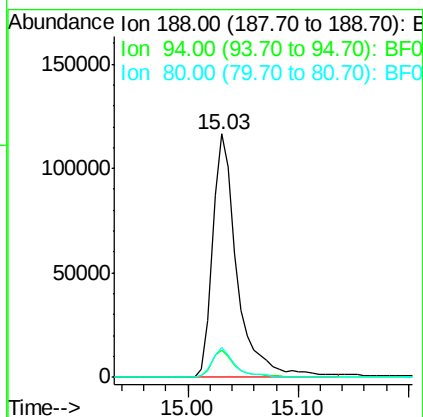
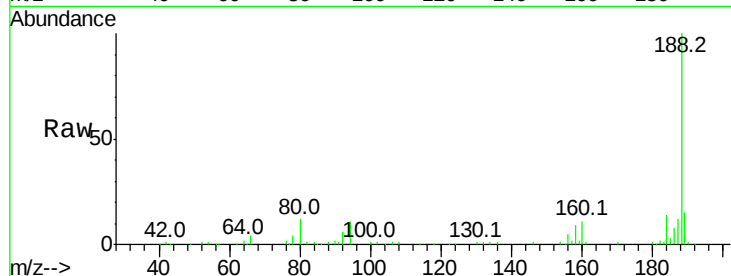
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095151.D
Acq: 16 May 2017 5:56

Instrument :
BNA_F
ClientSampleId :
TP-30-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	178603		
94	11.2		9.4	14.2
80	12.2		10.2	15.2

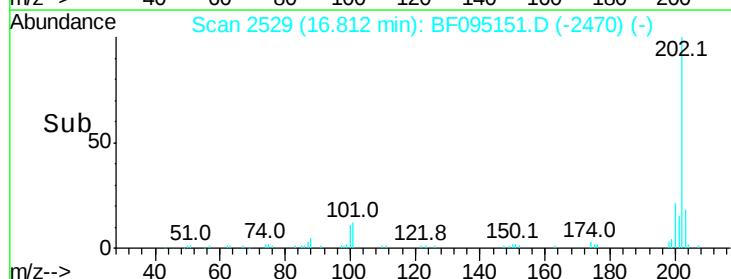
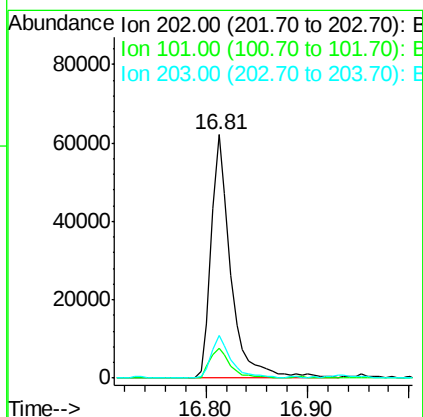
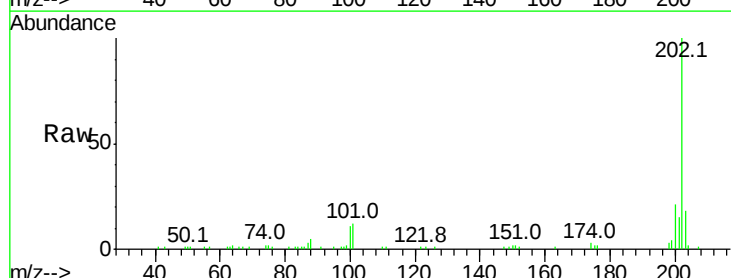
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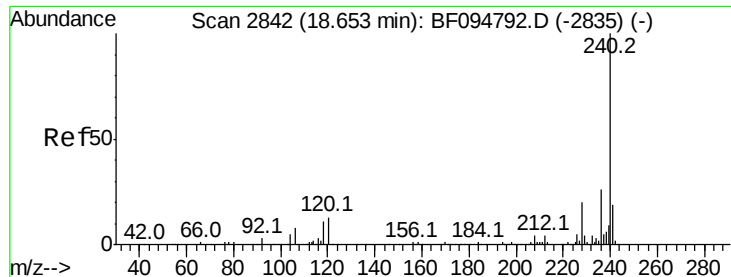
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#74
Fluoranthene
Concen: 7.99 ng
RT: 16.81 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF095151.D
Acq: 16 May 2017 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	84086		
101	12.4		0.0	33.2
203	17.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095151.D

Acq: 16 May 2017 5:56

Instrument :

BNA_F

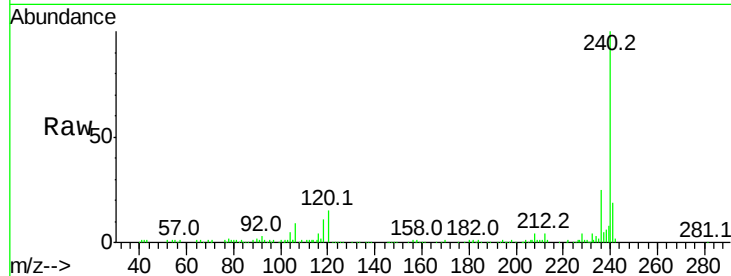
ClientSampleId :

TP-30-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.1	20.5	30.7

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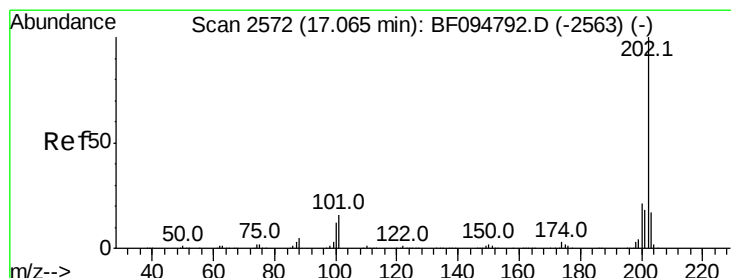
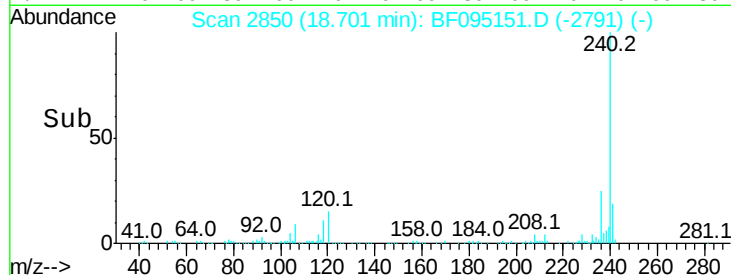
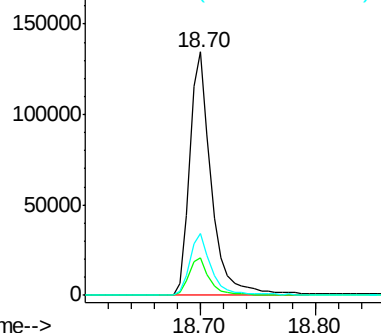
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.82 ng

RT: 17.11 min Scan# 2580

Delta R.T. 0.05 min

Lab File: BF095151.D

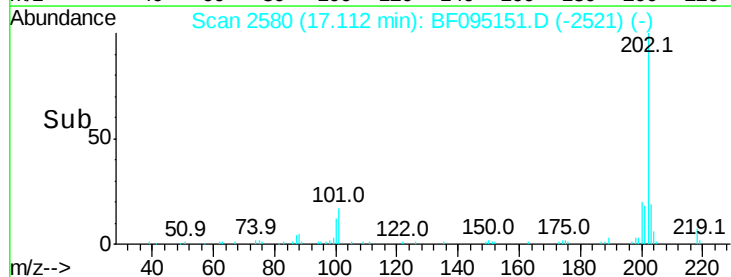
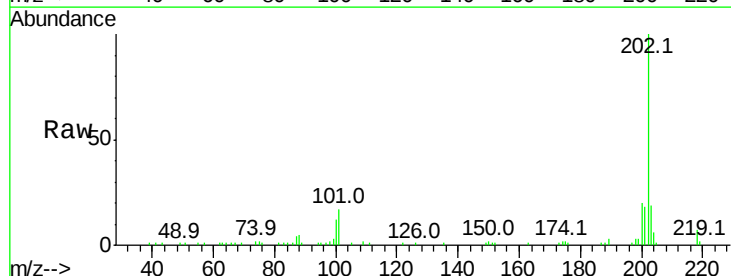
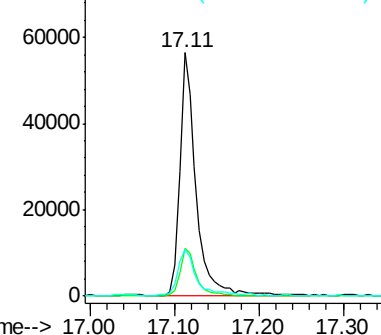
Acq: 16 May 2017 5:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.6	26.4
203	19.3	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





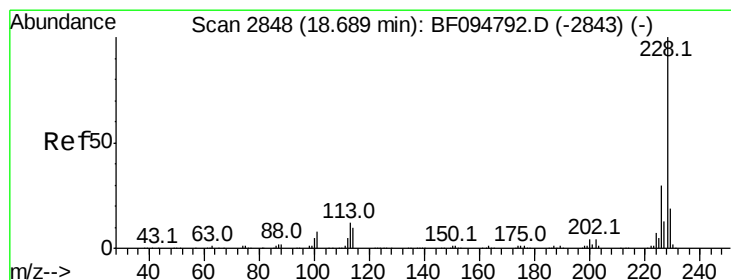
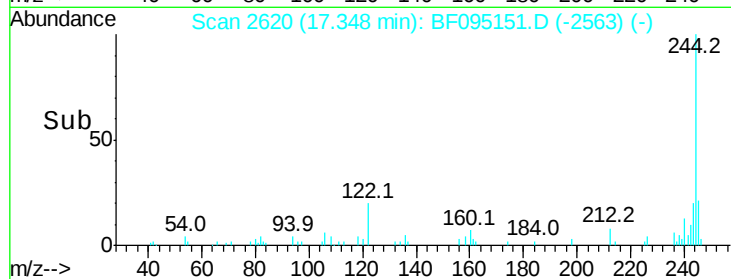
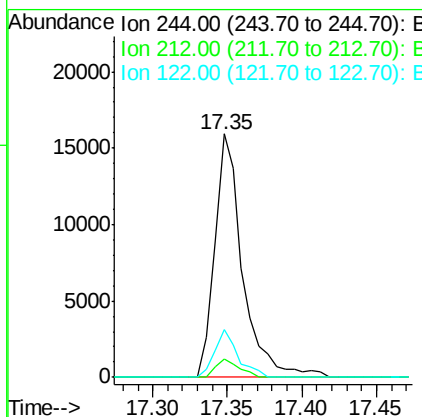
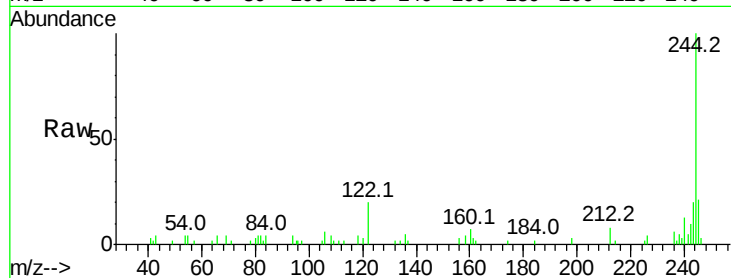
#78
 Terphenyl-d14
 Concen: 2.59 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095151.D
 Acq: 16 May 2017 5:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-30-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	19.6	10.3	15.5

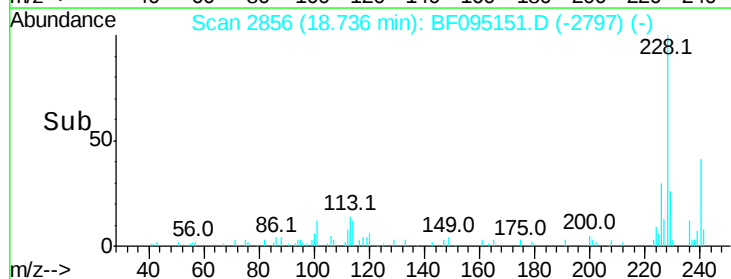
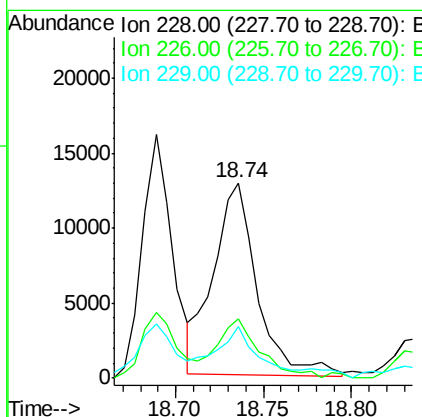
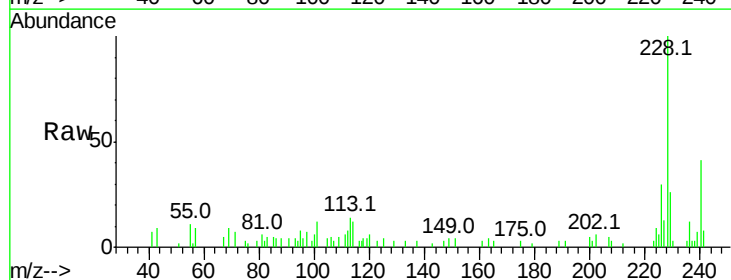
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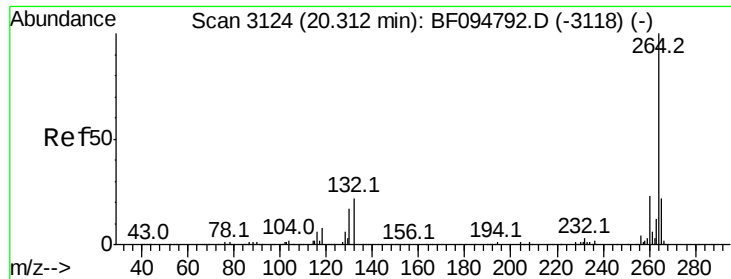
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#82
 Chrysene
 Concen: 2.26 ng m
 RT: 18.74 min Scan# 2856
 Delta R.T. 0.05 min
 Lab File: BF095151.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	26.1	15.8	23.6





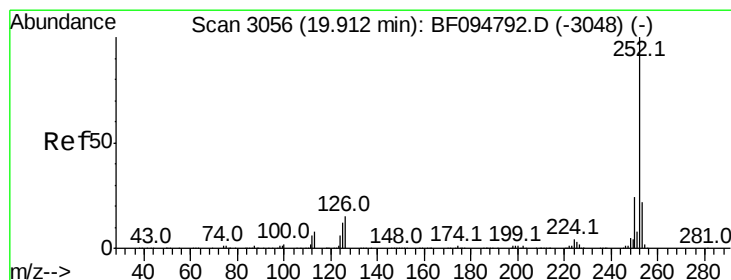
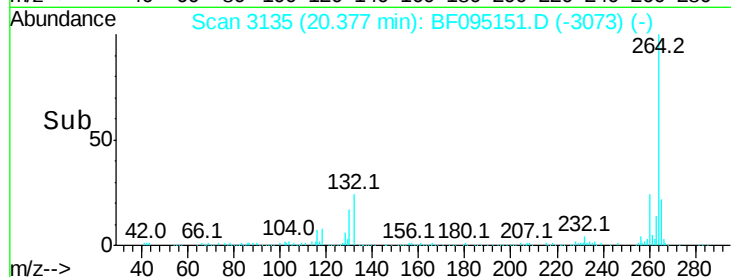
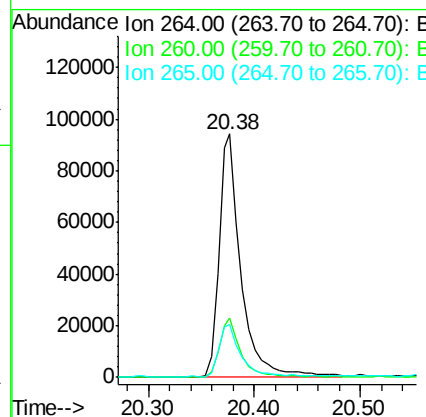
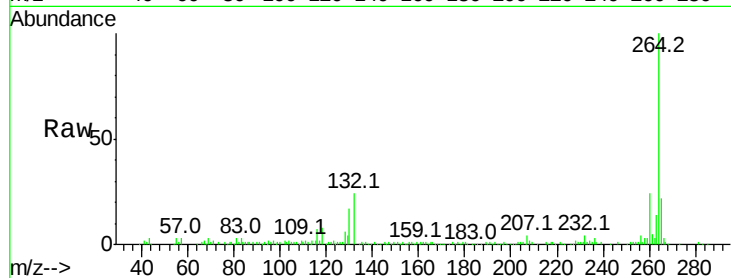
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095151.D
Acq: 16 May 2017 5:56

Instrument :
BNA_F
ClientSampleId :
TP-30-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.2	25.8

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#87
Benzo(b)fluoranthene
Concen: 2.16 ng m
RT: 19.98 min Scan# 3067
Delta R.T. 0.06 min
Lab File: BF095151.D
Acq: 16 May 2017 5:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	20.6	9.8	14.8#

