

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095640.D
 Acq On : 2 Jun 2017 18:28
 Operator : SJ/MA
 Sample : I3420-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

Manual Integrations
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Quant Time: Jun 03 03:46:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	101646	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	421034	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	178861	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	293014	20.00	ng	0.00
75) Chrysene-d12	18.49	240	225940	20.00	ng	0.00
86) Perylene-d12	20.17	264	165128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	742909	121.85	ng	0.00
7) Phenol-d6	7.09	99	917385	125.41	ng	0.00
23) Nitrobenzene-d5	8.45	82	523579	78.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	153611	104.87	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	910941	73.31	ng	0.00
78) Terphenyl-d14	17.14	244	614625	59.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.04	163	178204	12.14	ng	99
74) Fluoranthene	16.60	202	135213	7.83	ng	97
77) Pyrene	16.90	202	120810	7.15	ng	97
80) Benzo(a)anthracene	18.49	228	41300	3.14	ng	97
82) Chrysene	18.53	228	44898	3.53	ng	97
87) Benzo(b)fluoranthene	19.77	252	39484	3.87	ng	# 87
89) Benzo(a)pyrene	20.12	252	27405	2.91	ng	# 89
91) Benzo(g,h,i)perylene	21.80	276	15455	2.03	ng	# 78

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

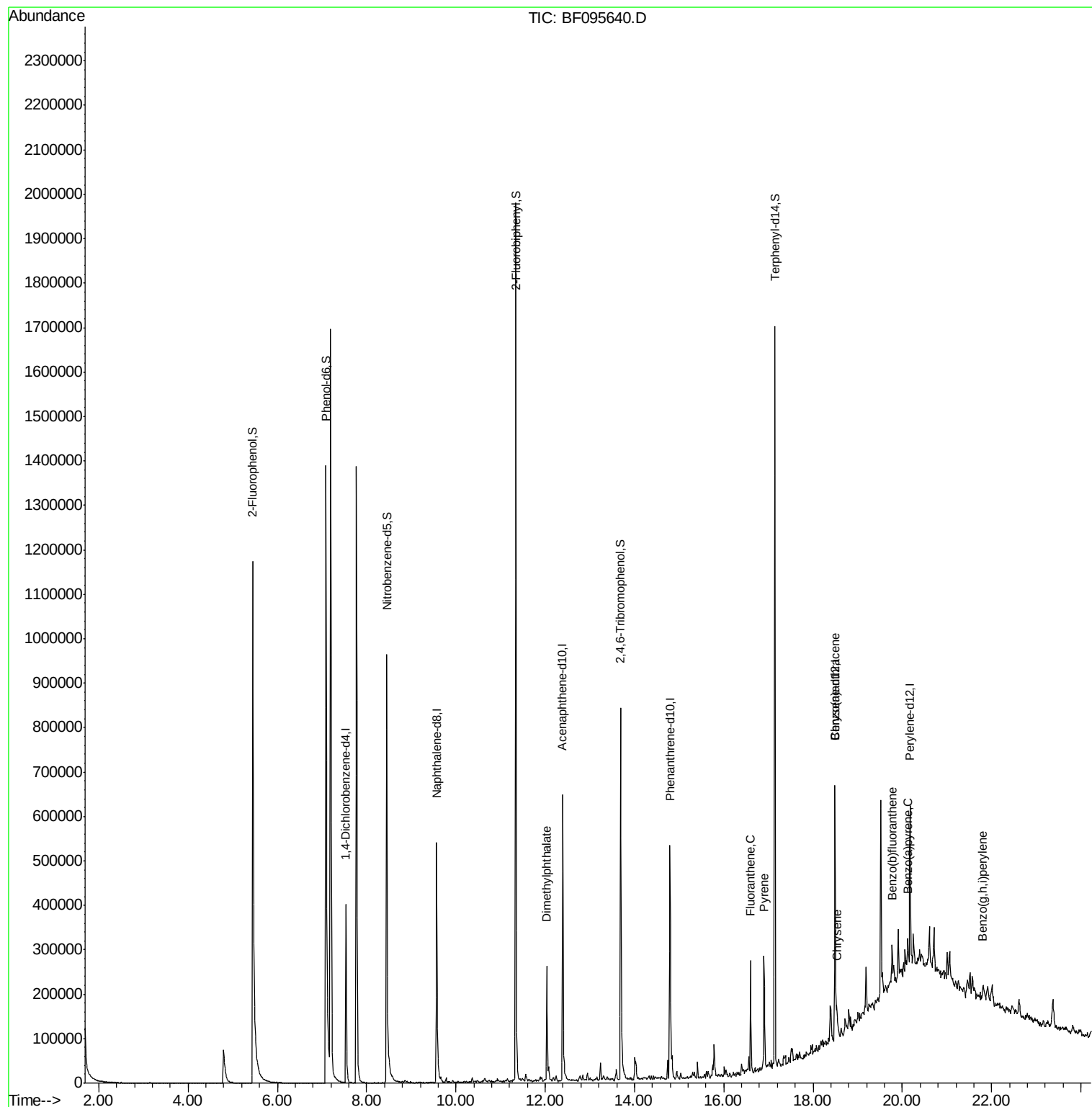
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095640.D
Acq On : 2 Jun 2017 18:28
Operator : SJ/MA
Sample : I3420-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

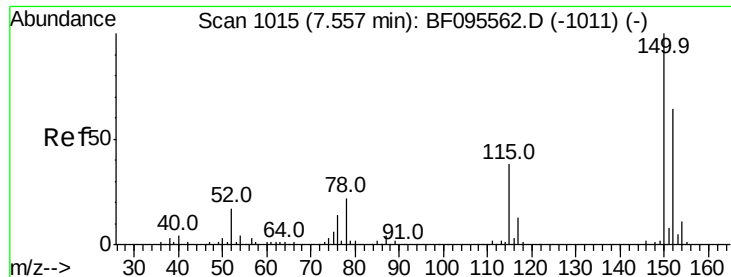
Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

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Quant Time: Jun 03 03:46:50 2017
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#1

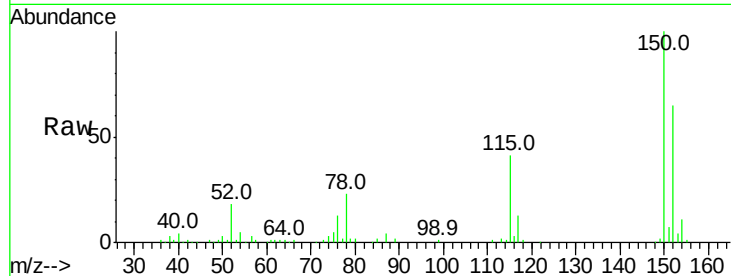
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

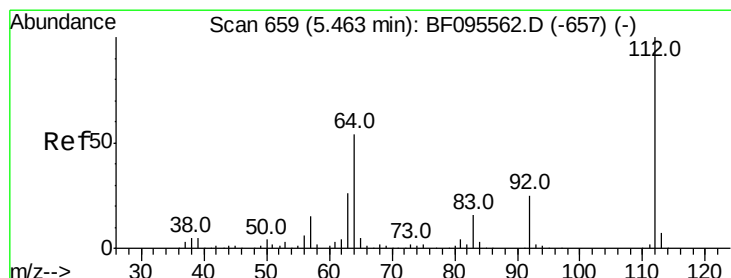
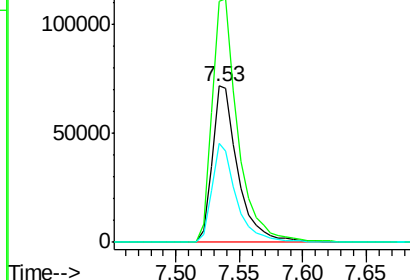
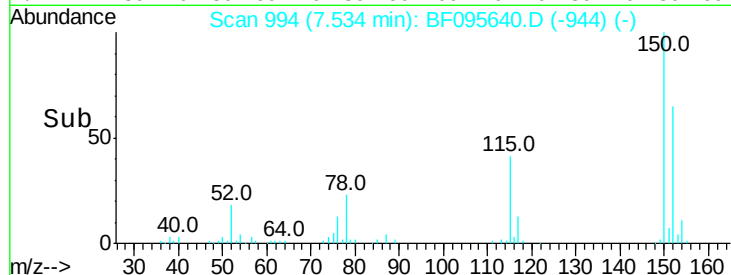
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	63.2	52.2	78.2

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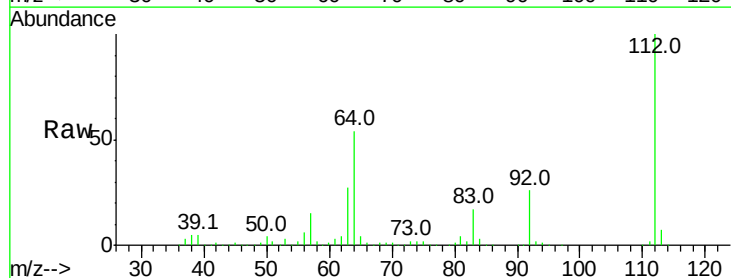
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



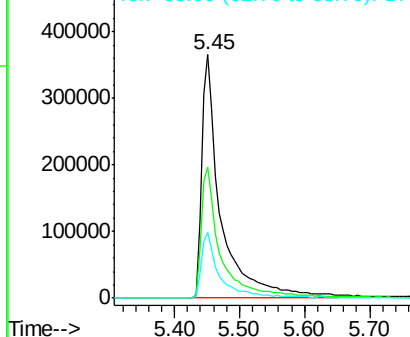
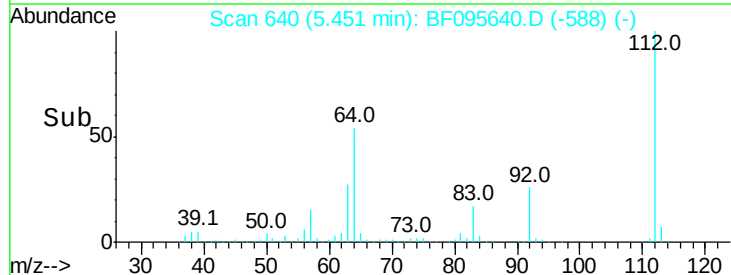
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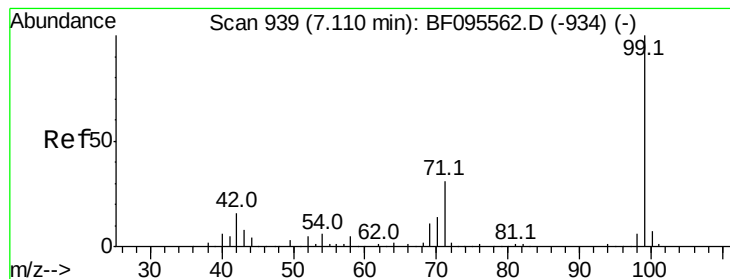
2-Fluorophenol
Concen: 121.85 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	26.7	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: 125.41 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095640.D

Acq: 2 Jun 2017 18:28

Instrument :

BNA_F

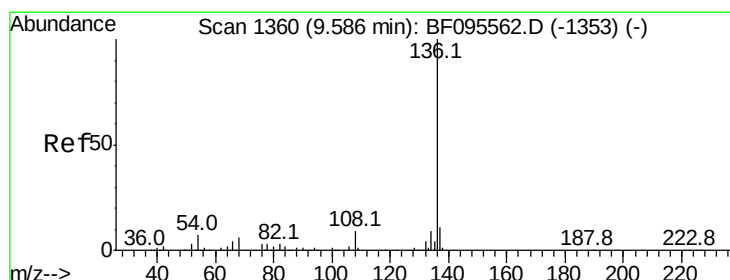
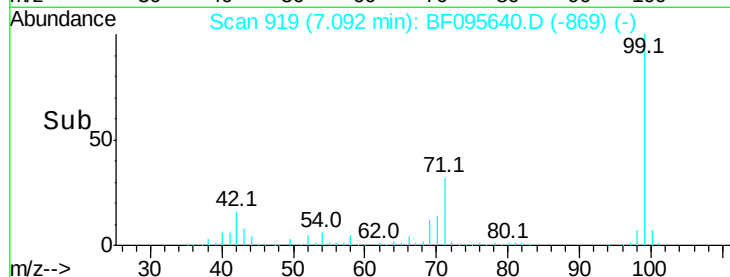
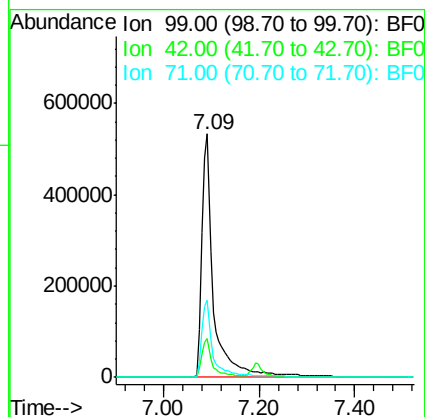
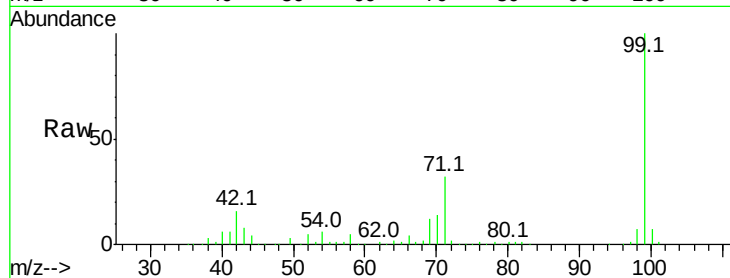
ClientSampleId :

TP-1-TP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		917385		
42	15.9	13.5	20.3		
71	31.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

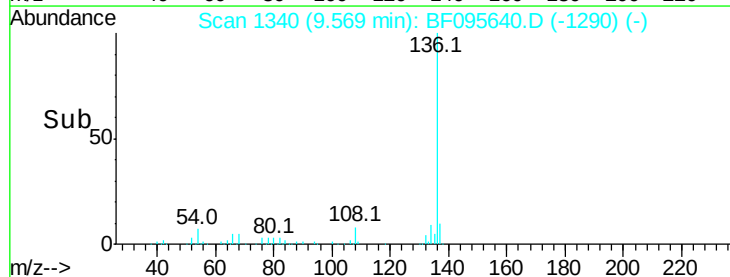
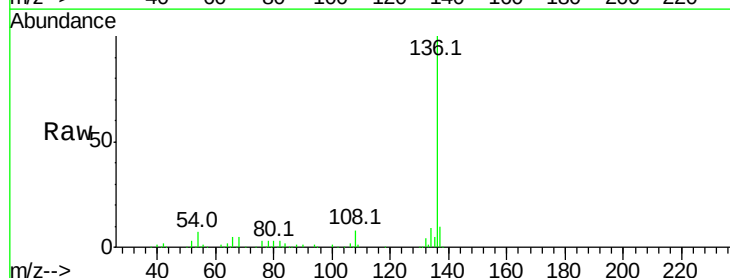
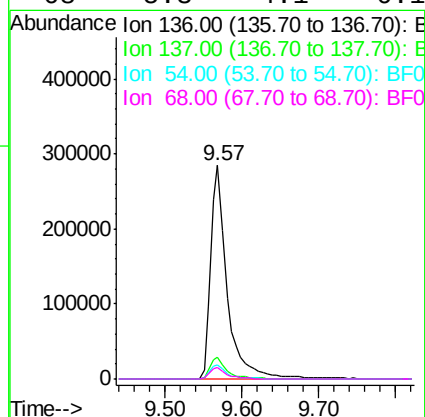
RT: 9.57 min Scan# 1340

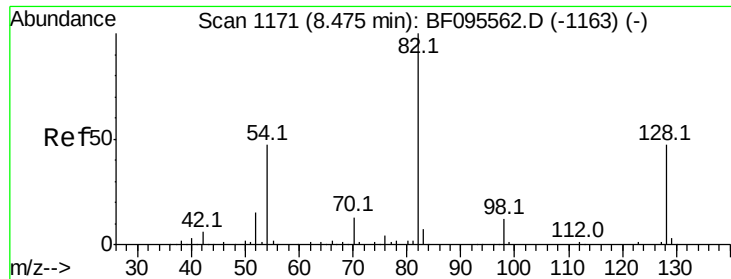
Delta R.T. -0.01 min

Lab File: BF095640.D

Acq: 2 Jun 2017 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		421034		
137	10.4	8.5	12.7		
54	6.7	4.9	7.3		
68	5.3	4.1	6.1		





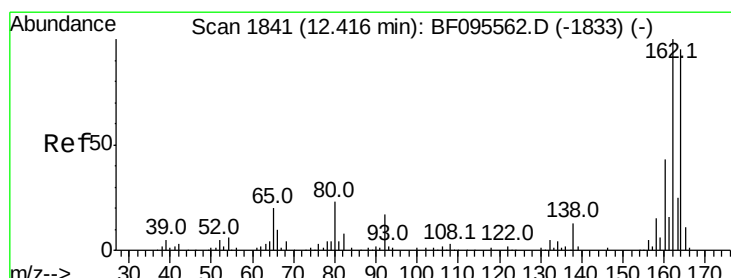
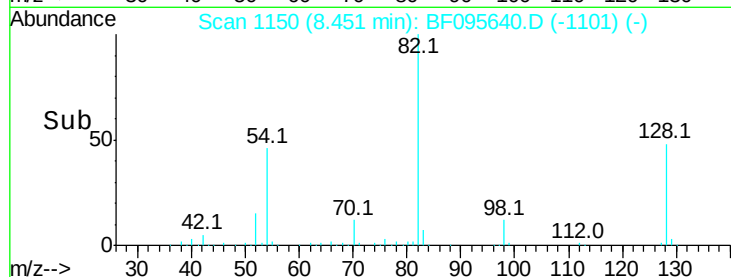
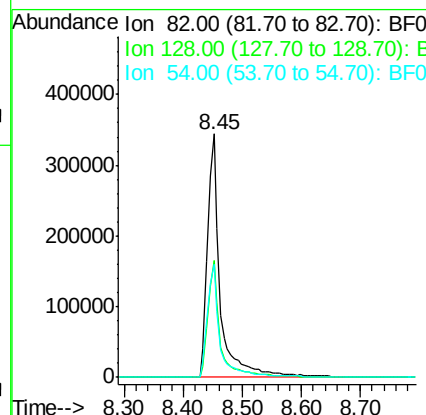
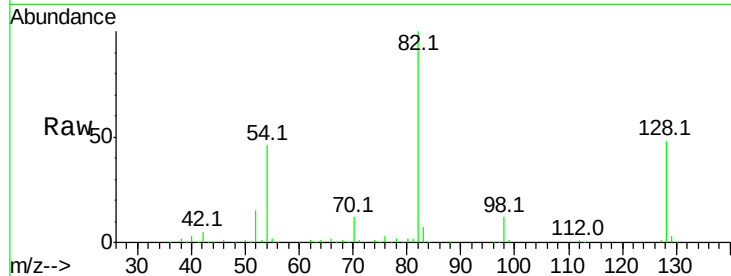
#23
 Nitrobenzene-d5
 Concen: 78.42 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	46.3	42.2	63.2

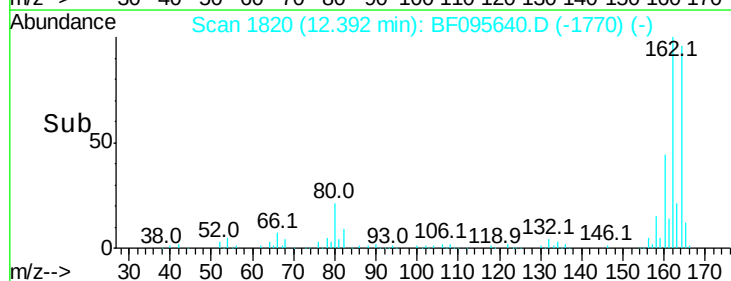
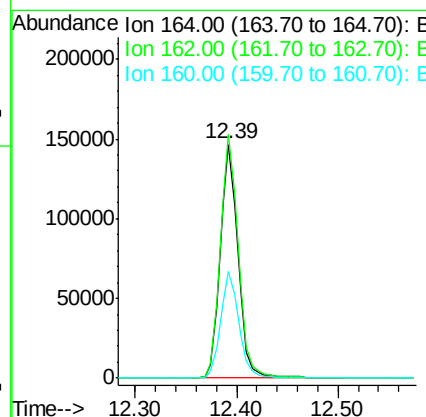
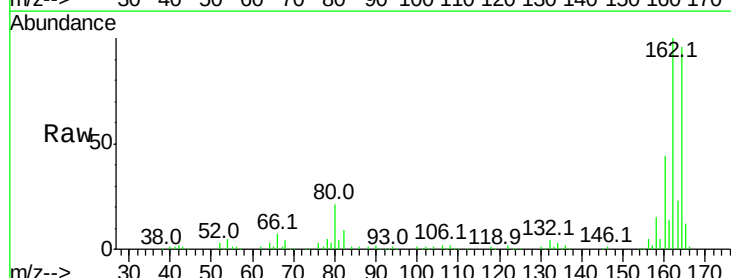
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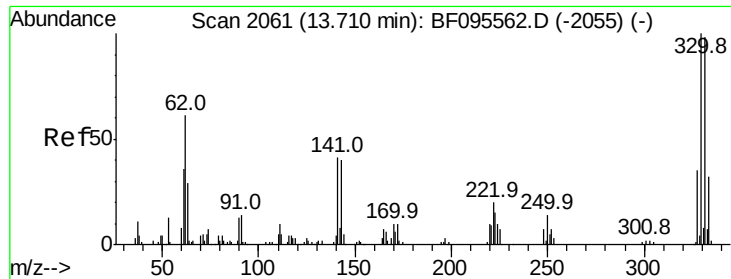
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.7	36.2	54.2





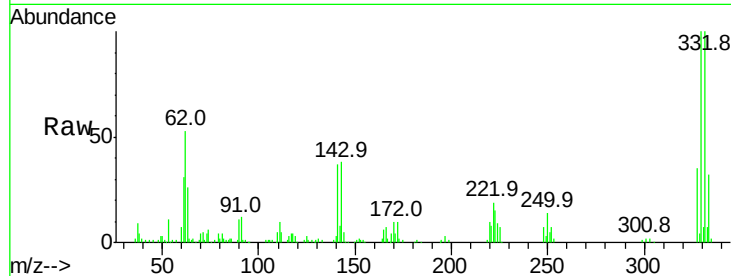
#41
 2,4,6-Tribromophenol
 Concen: 104.87 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Instrument :
 BNA_F
 ClientSampled :
 TP-1-TP-2

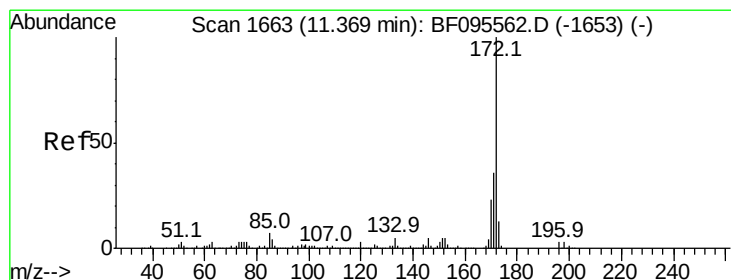
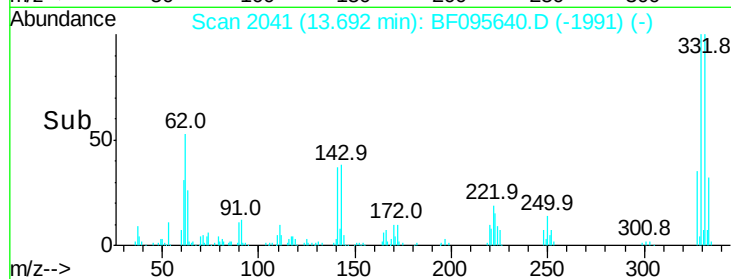
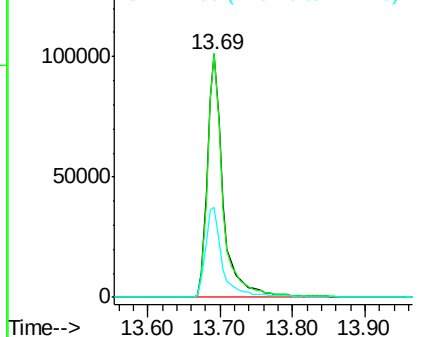
Tot Ion	Ratio	Resp	Lower	Upper
330	100	153611		
332	96.9	76.6	115.0	
141	39.6	31.4	47.2	

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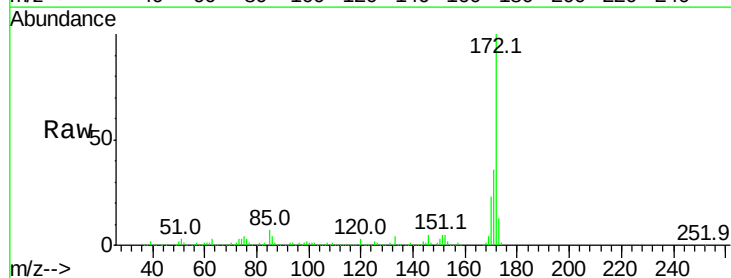


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

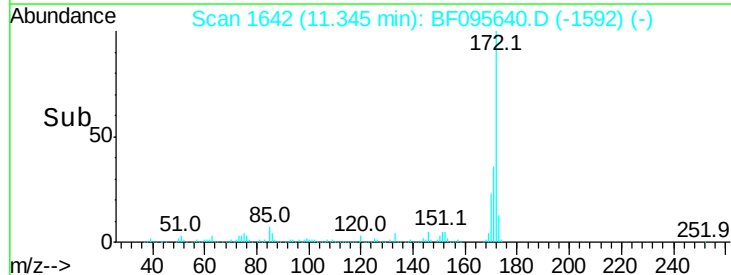
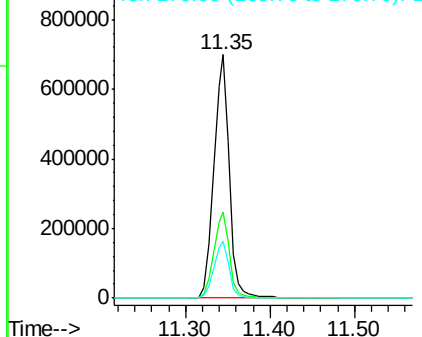


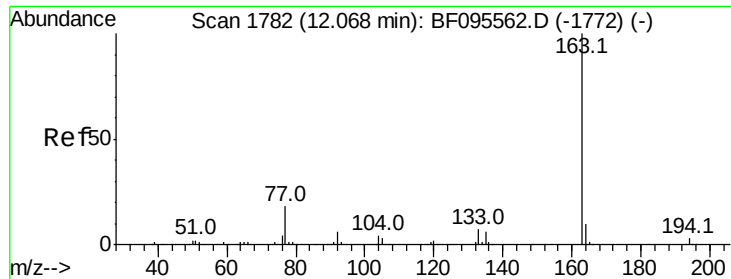
#44
 2-Fluorobiphenyl
 Concen: 73.31 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	910941		
171	35.5	29.6	44.4	
170	23.3	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





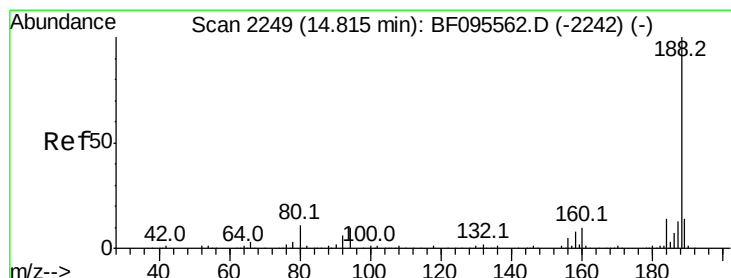
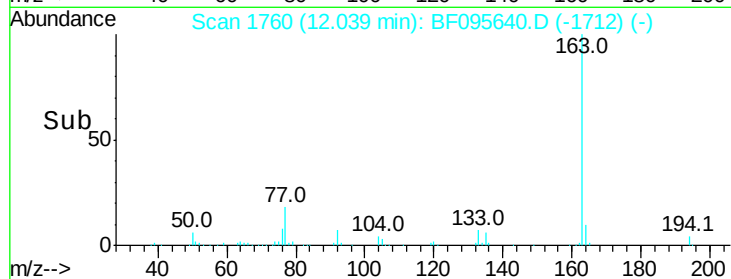
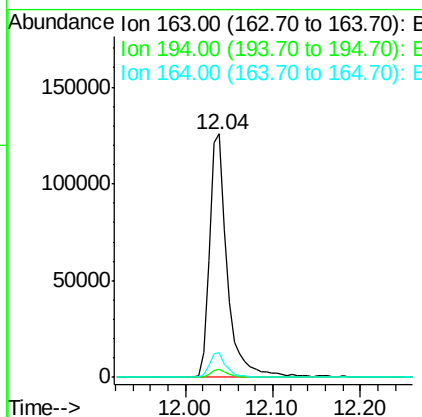
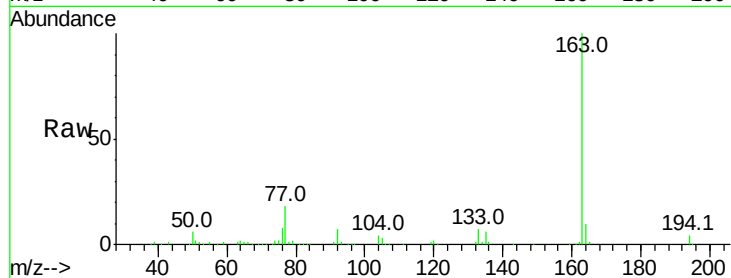
#49
 Dimethylphthalate
 Concen: 12.14 ng
 RT: 12.04 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-TP-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.0	8.4	12.6

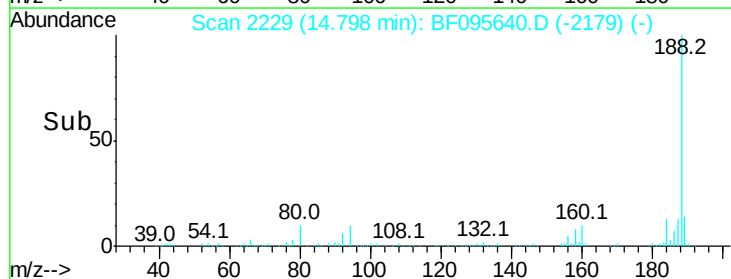
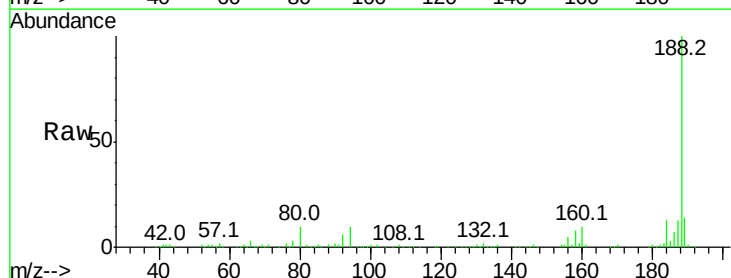
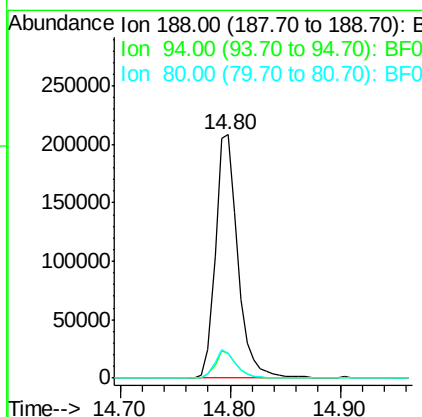
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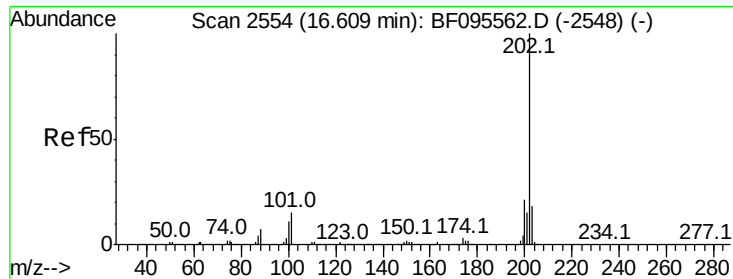
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095640.D
 Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.2	10.2	15.2





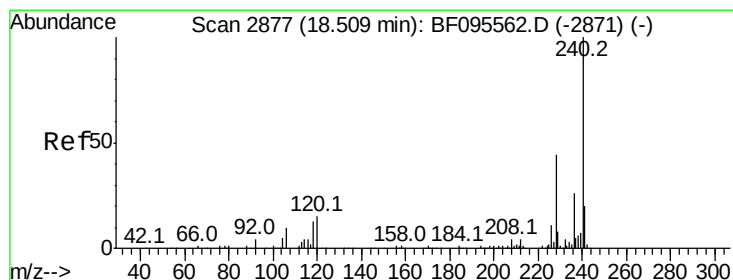
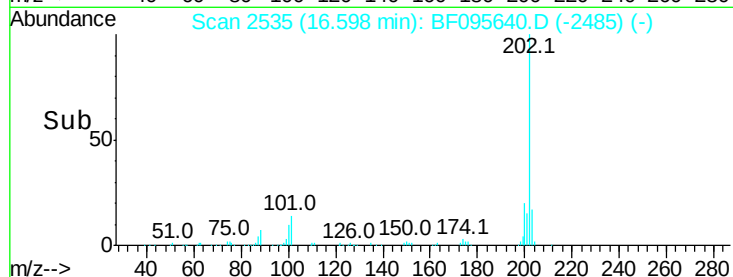
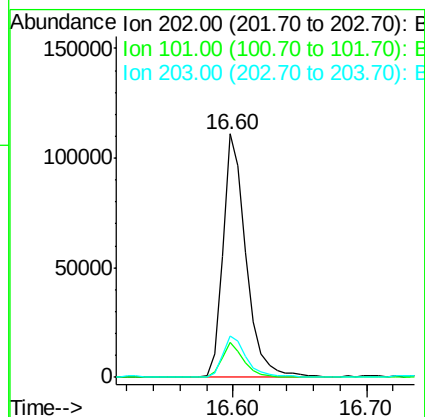
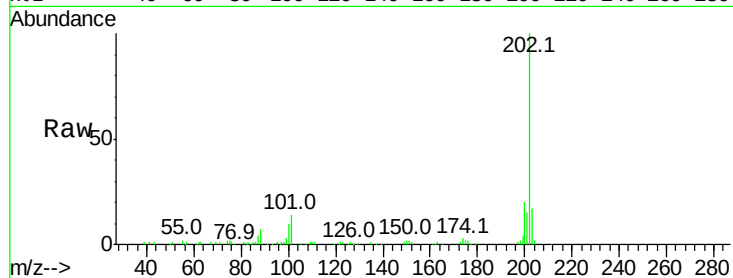
#74
Fluoranthene
Concen: 7.83 ng
RT: 16.60 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.2	0.0	38.1

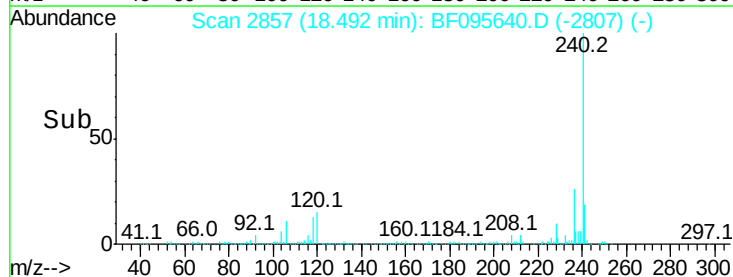
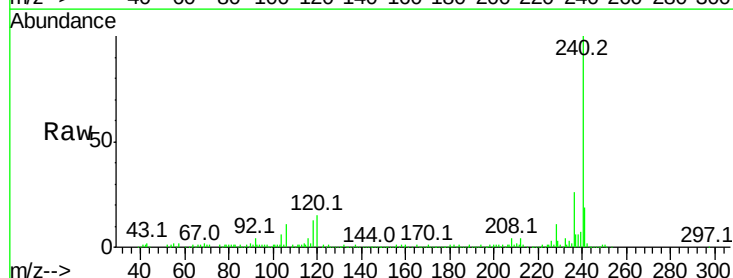
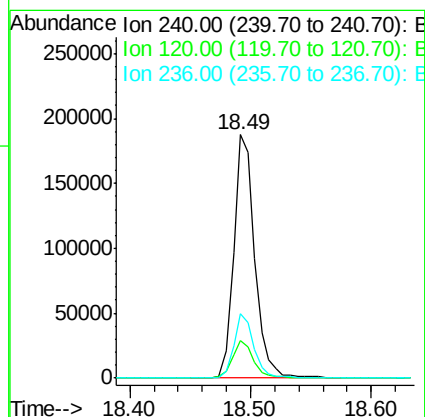
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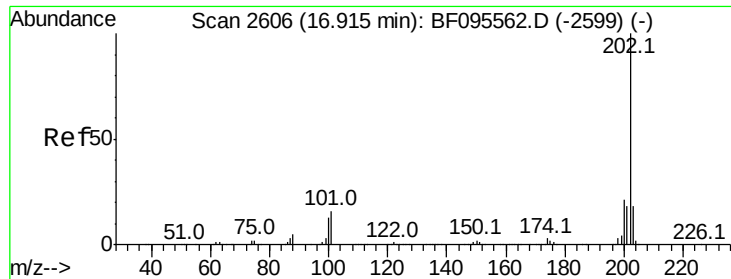
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.2	20.5	30.7





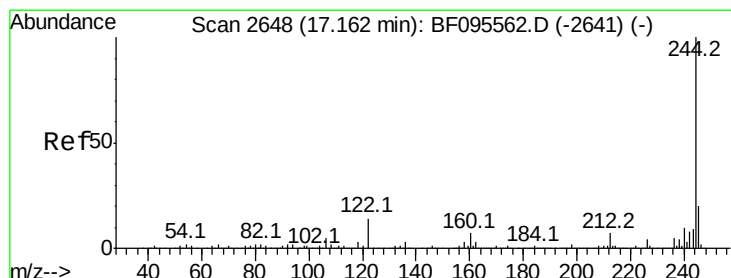
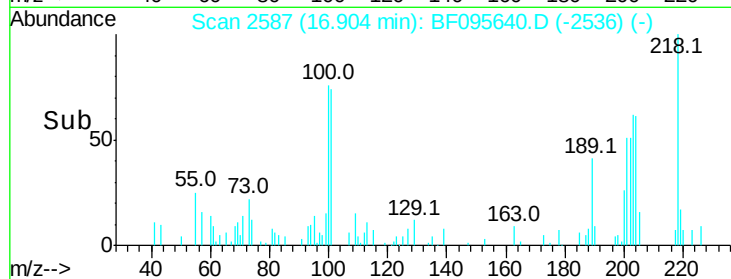
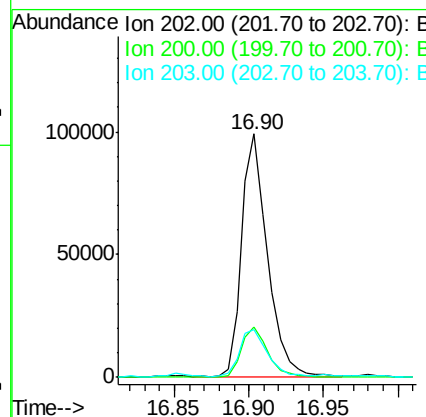
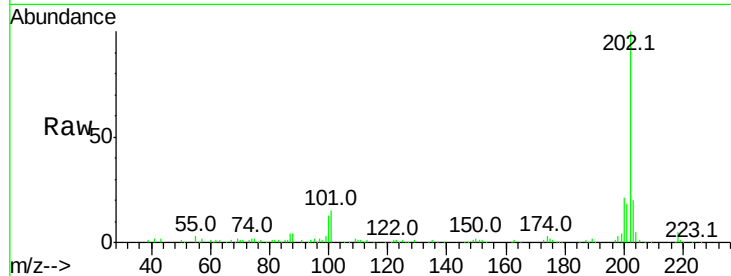
#77
Pvrene
Concen: 7.15 ng
RT: 16.90 min Scan# 2587
Delta R.T. -0.00 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampled :
TP-1-TP-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.8	14.4	21.6

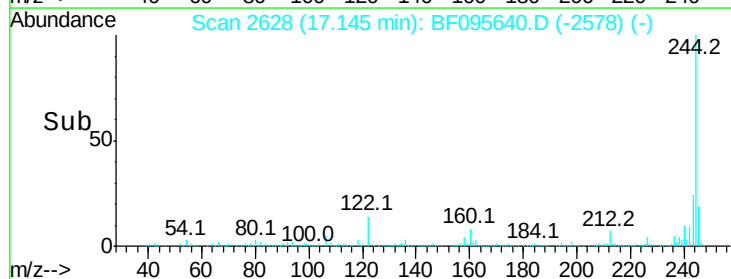
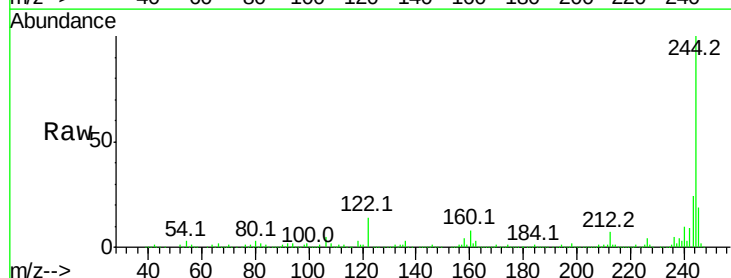
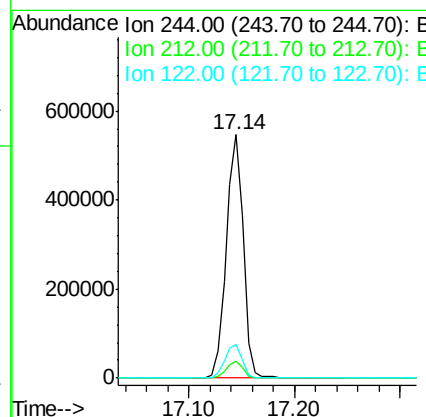
Manual Integrations
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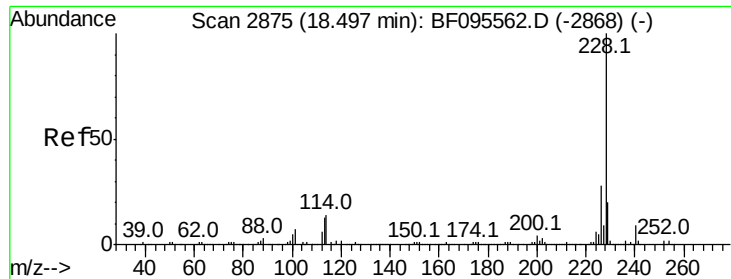
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#78
Terphenyl-d14
Concen: 59.92 ng
RT: 17.14 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.8	10.3	15.5





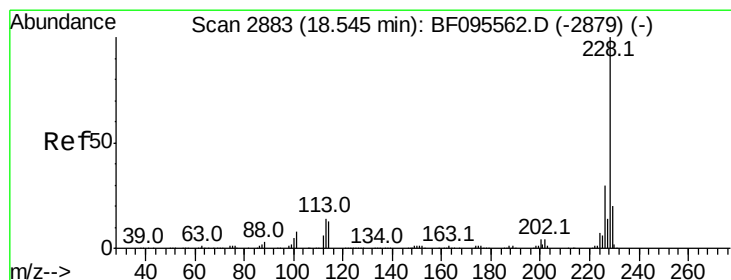
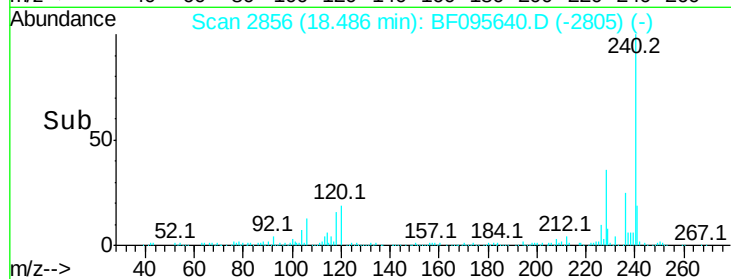
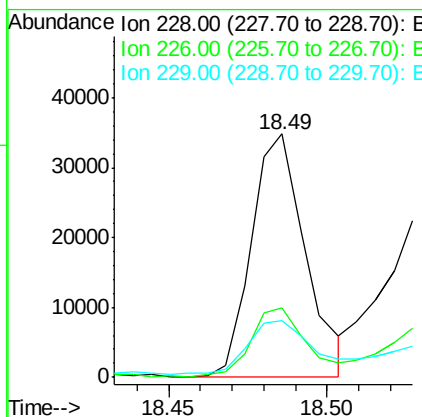
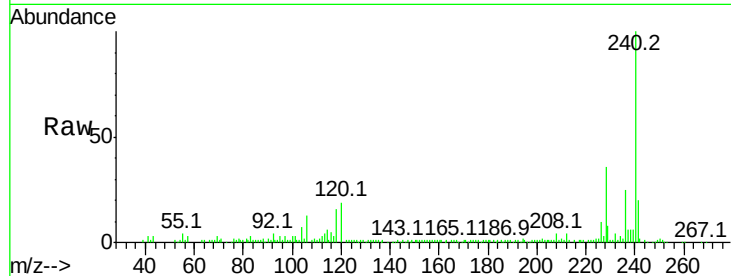
#80
Benzo(a)anthracene
Concen: 3.14 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	23.2	16.3	24.5

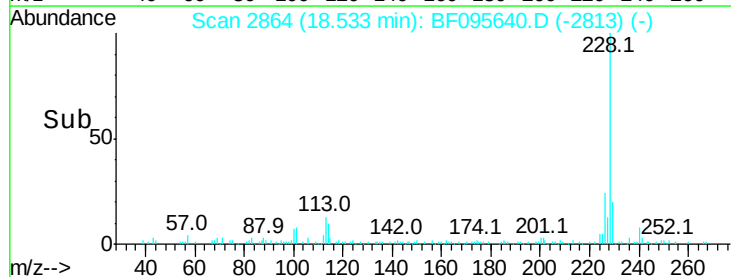
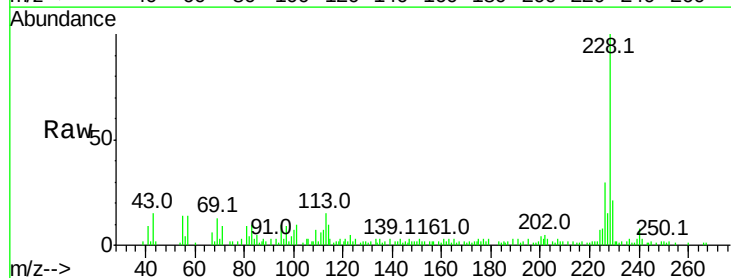
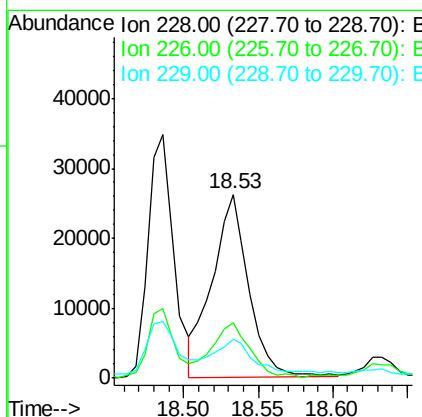
Manual Integrations
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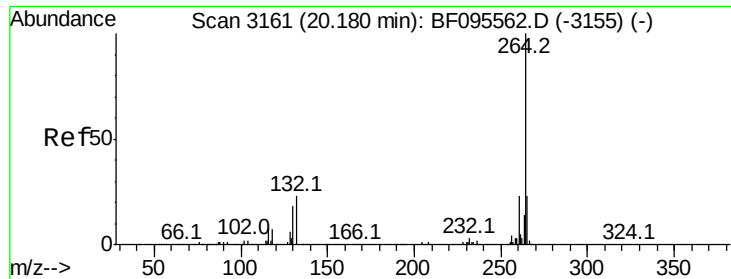
mohammad
6/6/2017 8:48:43 AM



#82
Chrysene
Concen: 3.53 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.3	15.8	23.6





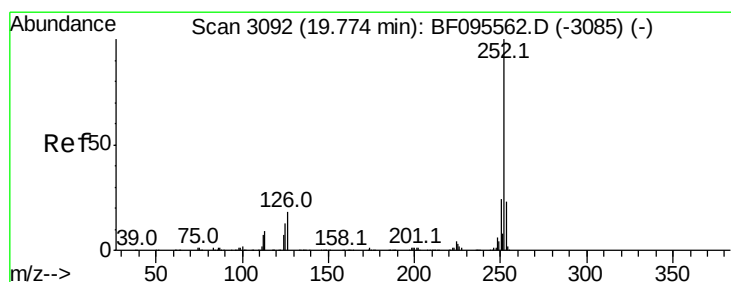
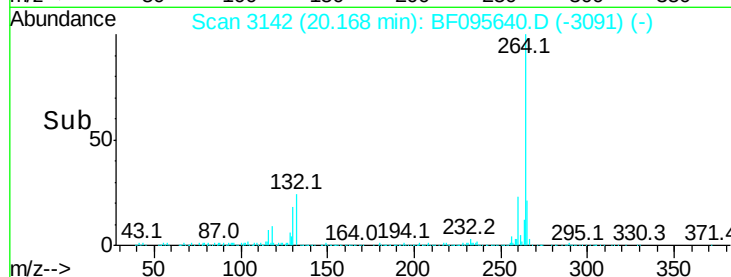
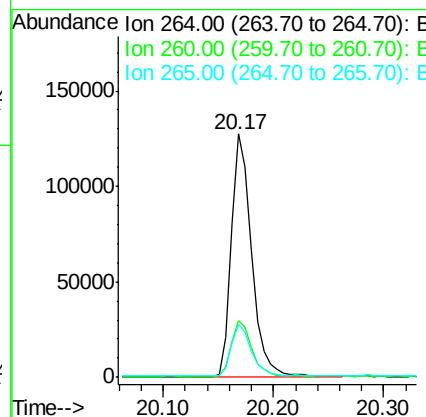
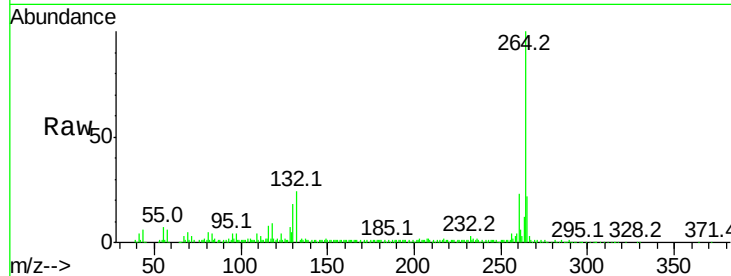
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	17.2	25.8

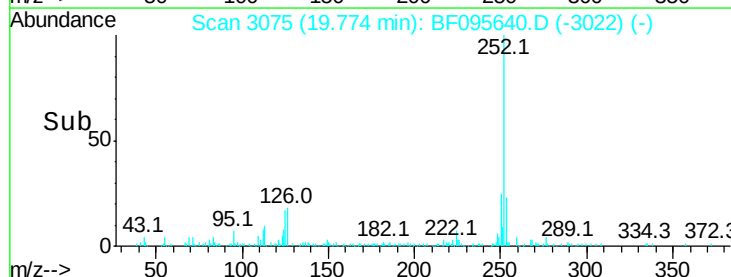
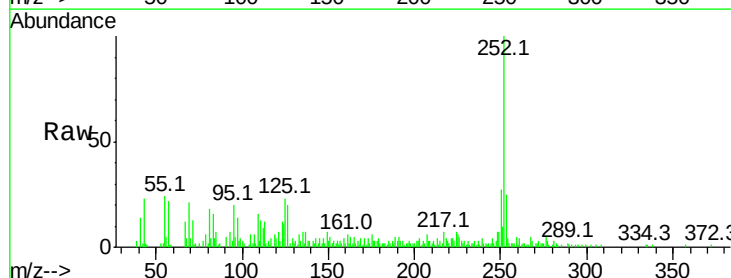
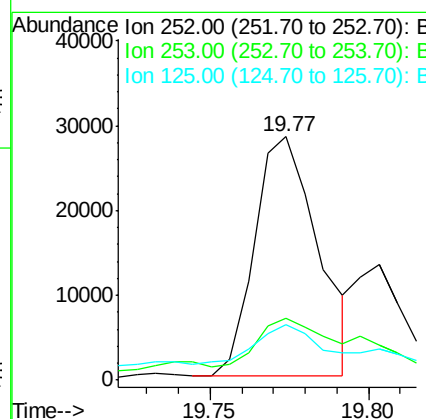
Manual Integrations
APPROVED

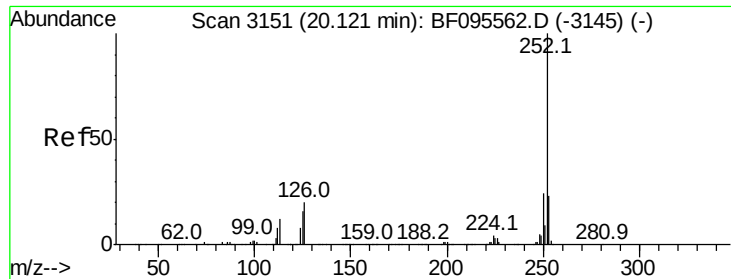
mohammad
6/6/2017 8:48:43 AM



#87
Benzo(b)fluoranthene
Concen: 3.87 ng
RT: 19.77 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	22.9	9.8	14.8#





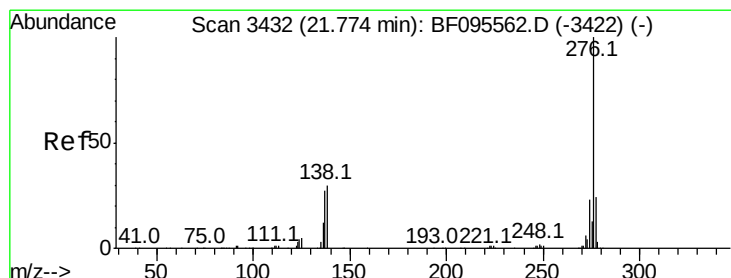
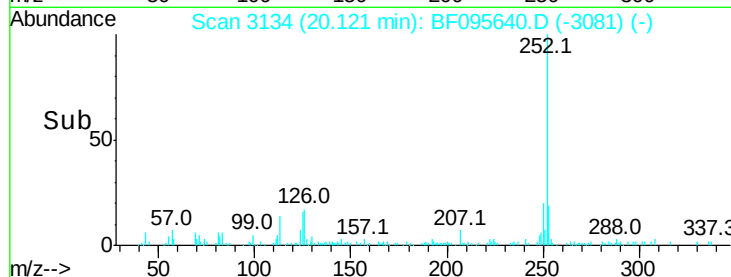
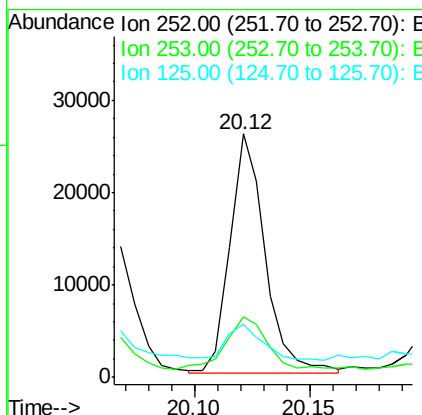
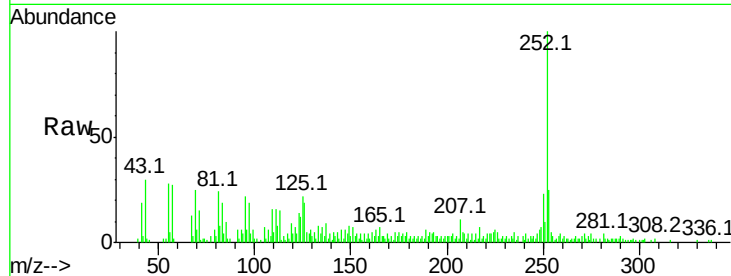
#89
Benzo(a)pyrene
Concen: 2.91 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Instrument :
BNA_F
ClientSampleId :
TP-1-TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	21.9	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/6/2017 8:48:43 AM



#91
Benzo(g,h,i)perylene
Concen: 2.03 ng
RT: 21.80 min Scan# 3420
Delta R.T. 0.05 min
Lab File: BF095640.D
Acq: 2 Jun 2017 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.2	18.6	28.0
138	42.8	25.4	38.0

