

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095137.D
 Acq On : 15 May 2017 21:23
 Operator : SJ/MA
 Sample : I3147-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3COMP

Manual Integrations
 APPROVED

mohammad
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Quant Time: May 16 08:21:05 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	95648	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	380351	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	167407	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	259554	20.00	ng	0.05
75) Chrysene-d12	18.70	240	200545	20.00	ng	0.05
86) Perylene-d12	20.38	264	166632	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	799657	139.39	ng	0.07
7) Phenol-d6	7.32	99	1037173	150.67	ng	0.05
23) Nitrobenzene-d5	8.68	82	596119	98.83	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	178986	130.55	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1150773	98.94	ng	0.04
78) Terphenyl-d14	17.35	244	738136	81.07	ng	0.04
Target Compounds						Qvalue
49) Dimethylphthalate	12.26	163	170243	12.39	ng	98
77) Pyrene	17.12	202	34123	2.28	ng	95
80) Benzo(a)anthracene	18.69	228	24519	2.10	ng	# 91
82) Chrysene	18.74	228	28450	2.52	ng	# 94
85) Indeno(1,2,3-cd)pyrene	21.73	276	20823	2.27	ng	91
87) Benzo(b)fluoranthene	19.97	252	38258m	3.72	ng	
89) Benzo(a)pyrene	20.32	252	32703	3.44	ng	# 89
91) Benzo(g,h,i)perylene	22.12	276	23877	3.10	ng	90

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

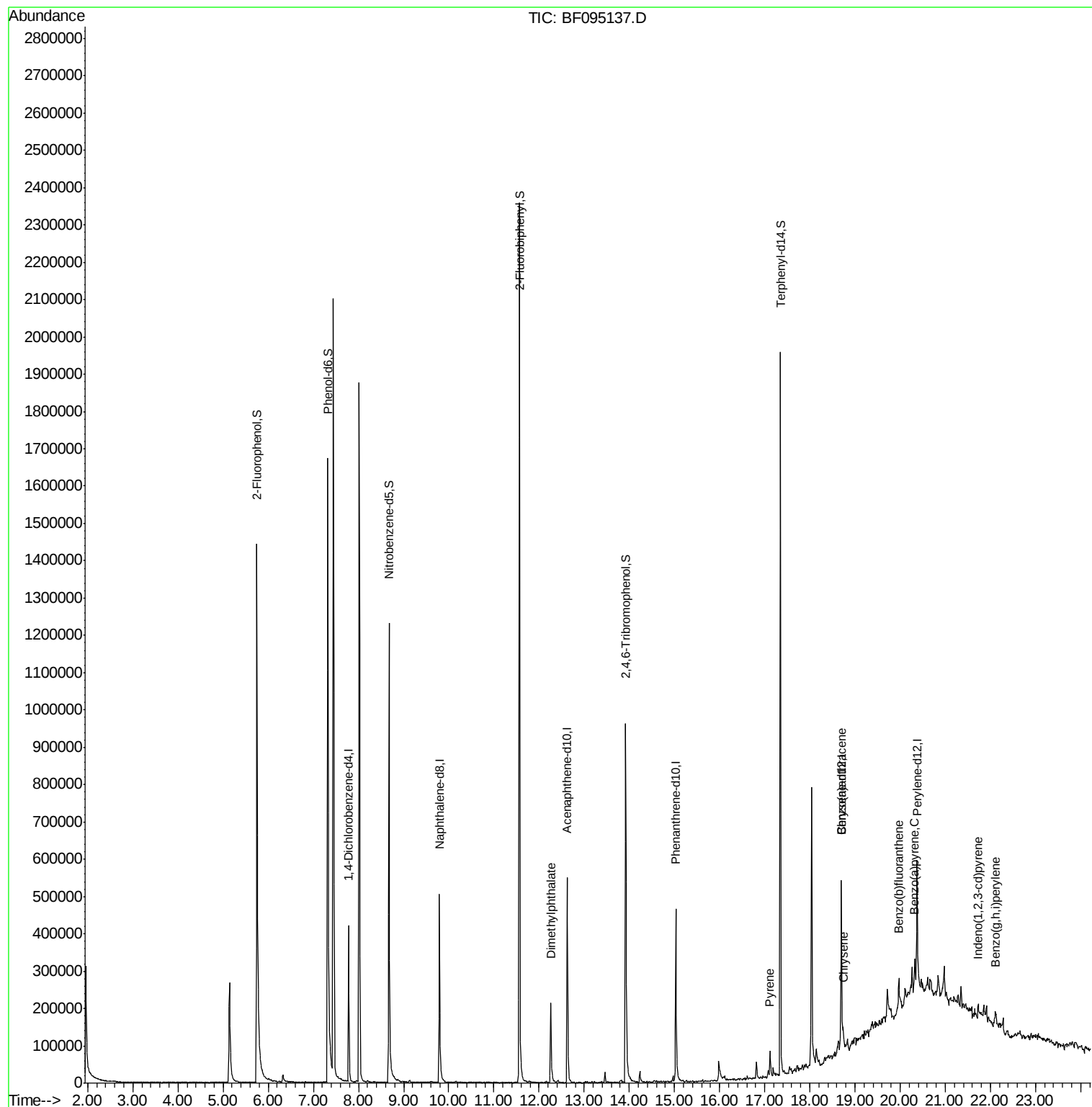
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
Data File : BF095137.D
Acq On : 15 May 2017 21:23
Operator : SJ/MA
Sample : I3147-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration





#1

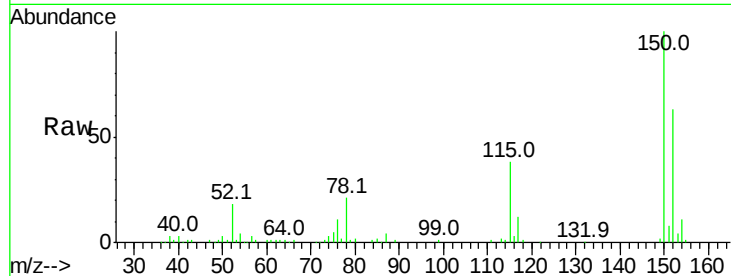
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TP-3COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	60.8	52.2	78.2

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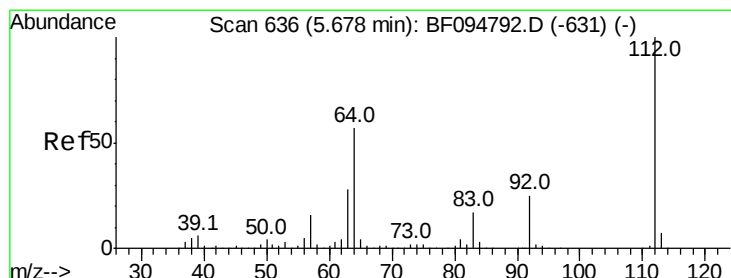
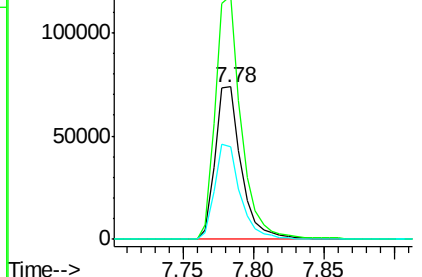
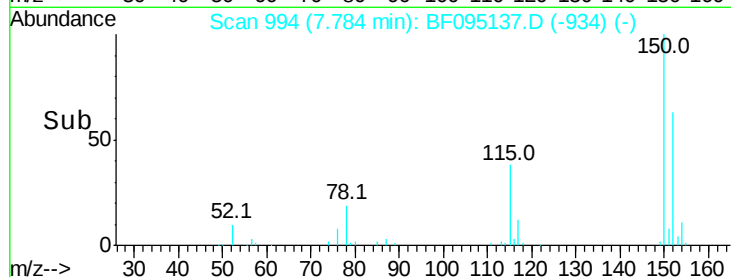


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

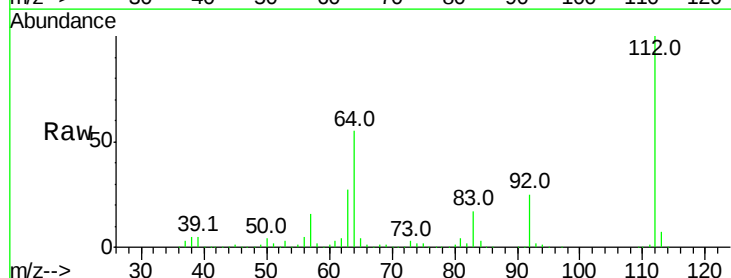
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.39 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.07 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.0	23.4	35.0

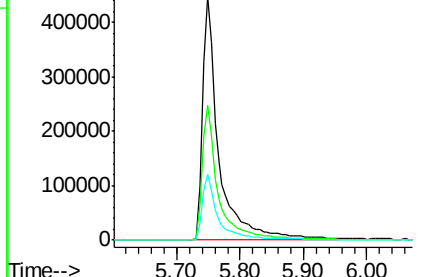
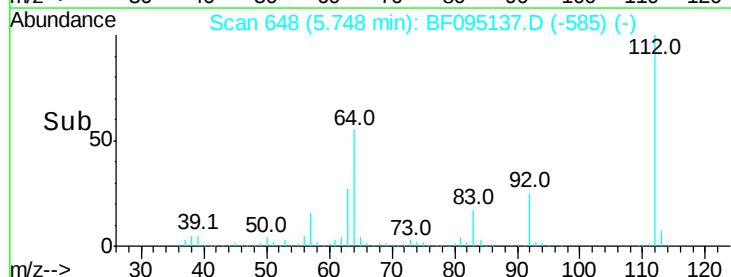


Abundance

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: 150.67 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Instrument :

BNA_F

ClientSampleId :

TP-3COMP

Tot Ion: 99 Resp: 1037173

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

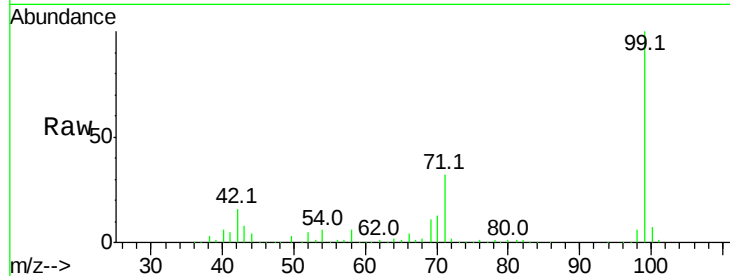
71 31.7 24.5 36.7

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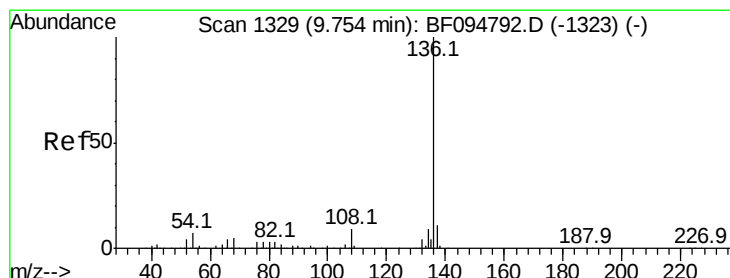
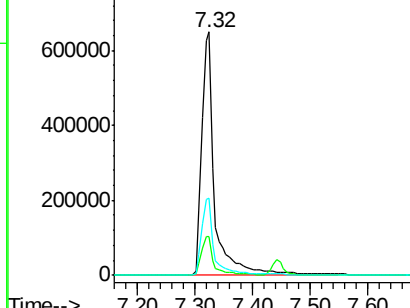
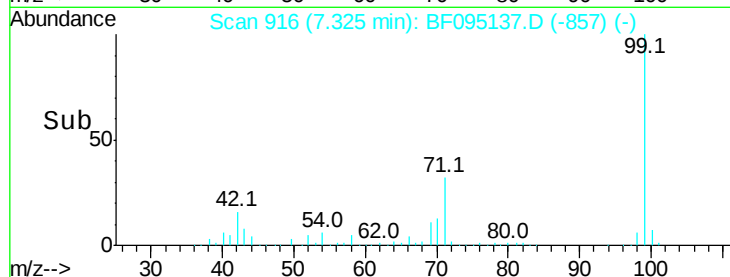
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.80 min Scan# 1336

Delta R.T. 0.04 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Tgt Ion: 136 Resp: 380351

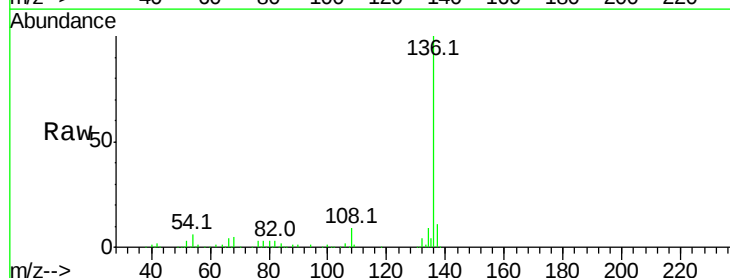
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.4 4.9 7.3

68 5.3 4.1 6.1

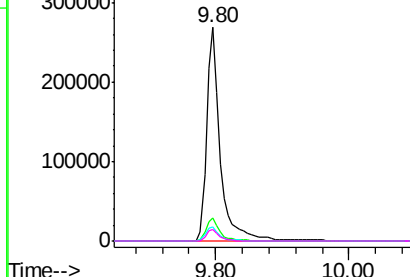
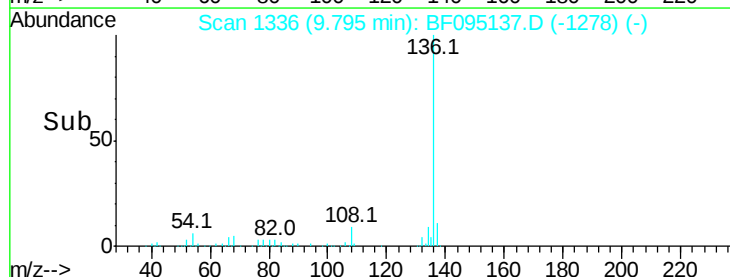


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





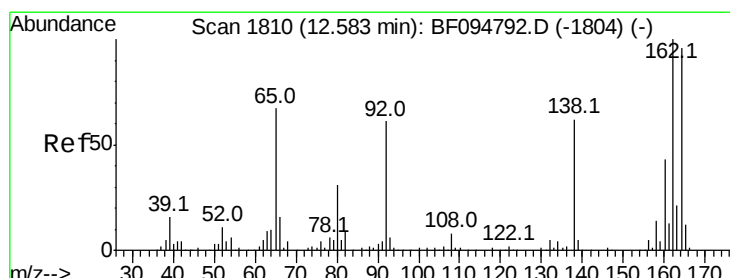
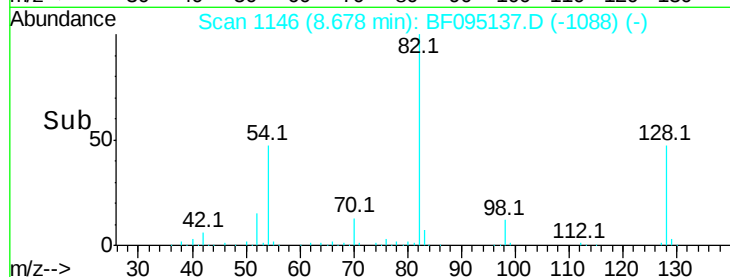
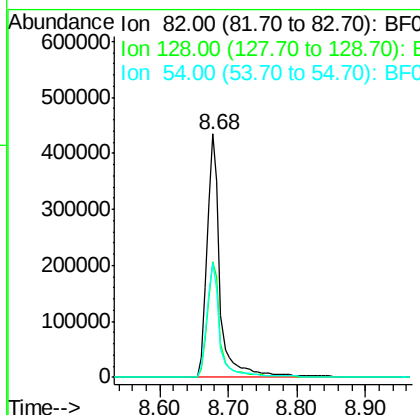
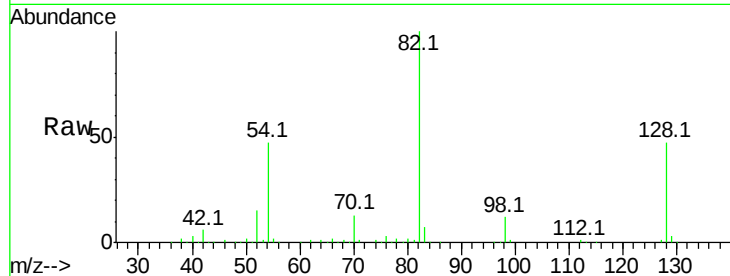
#23
 Nitrobenzene-d5
 Concen: 98.83 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-3COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	47.1	42.2	63.2	

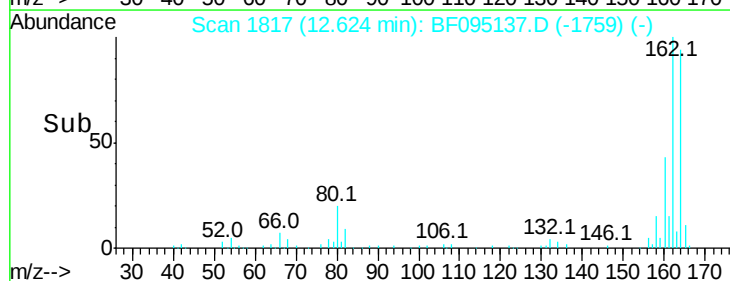
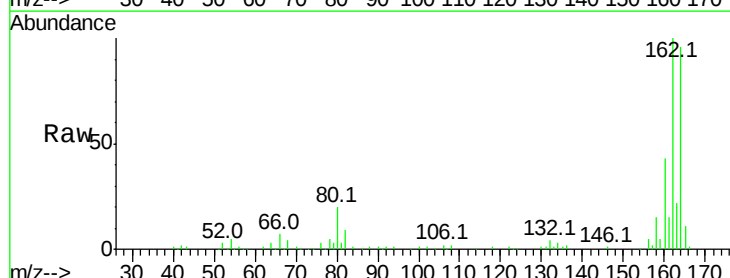
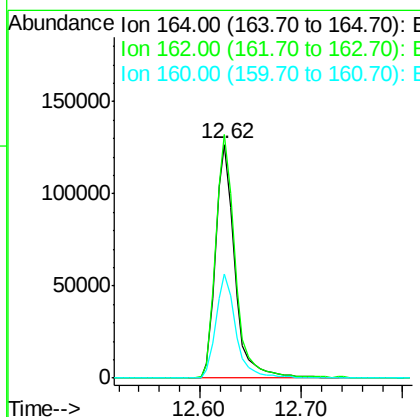
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	82.6	123.8	
160	44.8	36.2	54.2	





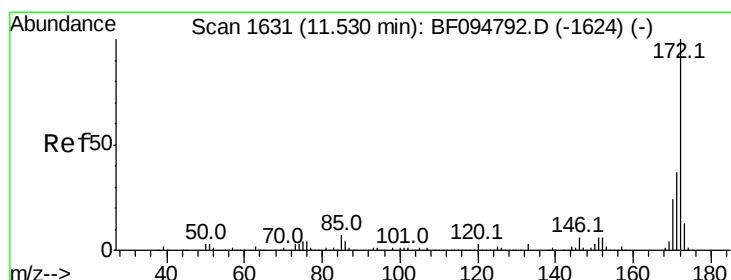
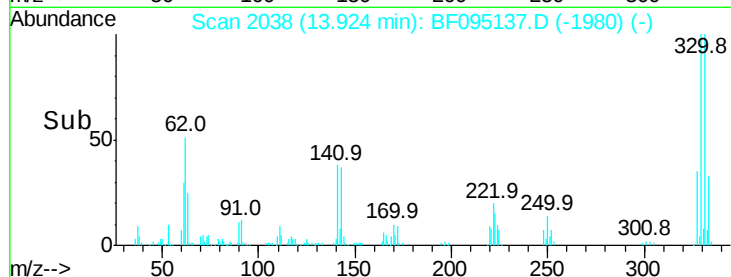
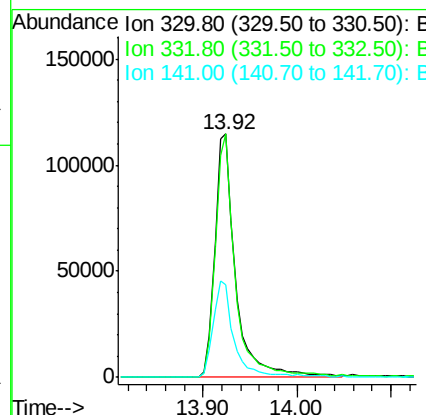
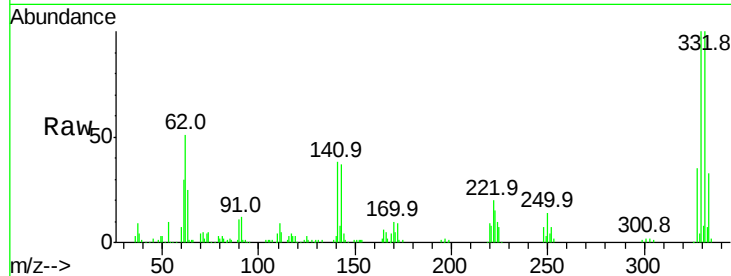
#41
 2,4,6-Tribromophenol
 Concen: 130.55 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-3COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178986		
332	96.4	76.6	115.0	
141	39.7	31.4	47.2	

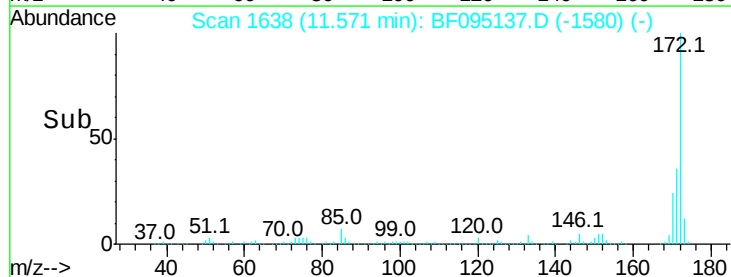
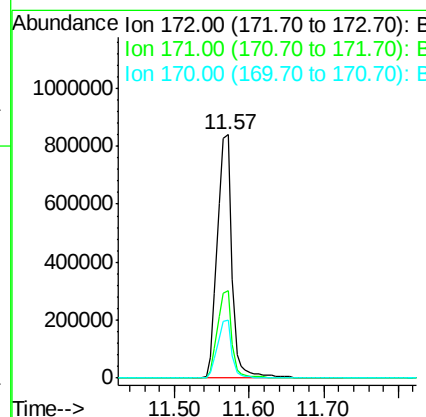
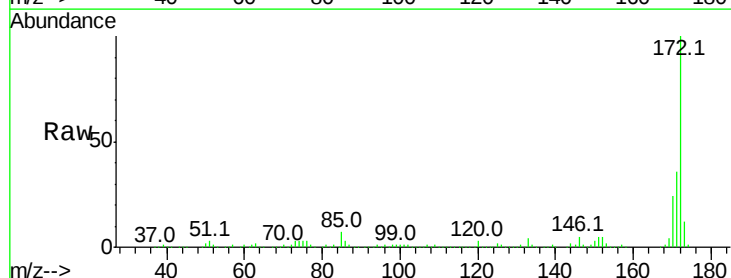
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 98.94 ng
 RT: 11.57 min Scan# 1638
 Delta R.T. 0.04 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1150773		
171	36.2	29.6	44.4	
170	23.7	19.8	29.8	





#49

Dimethylphthalate

Concen: 12.39 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Instrument :

BNA_F

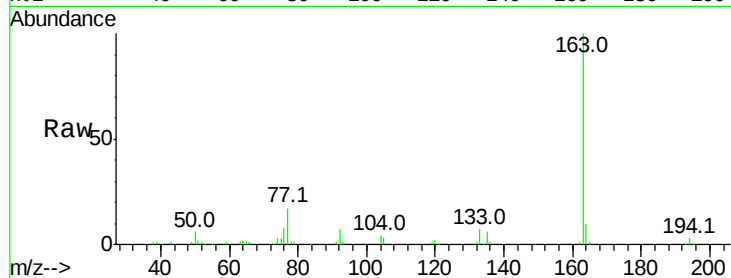
ClientSampled :

TP-3COMP

Tot Ion:	163	Resp:	170243
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6

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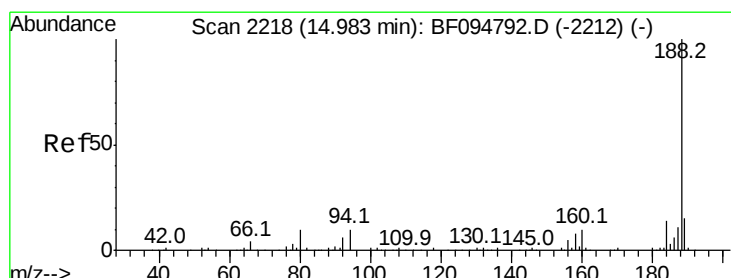
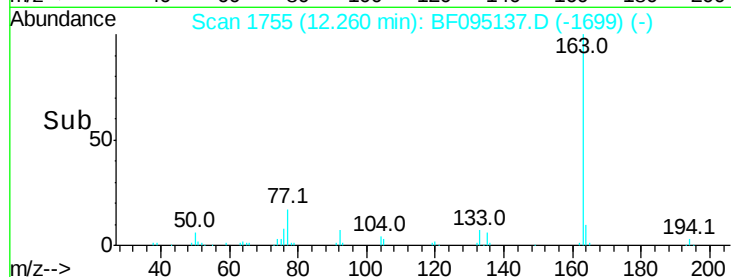
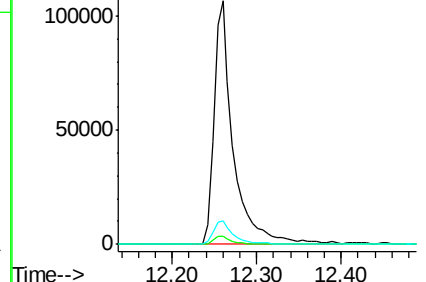
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Abundance Ion 163.00 (162.70 to 163.70): E

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

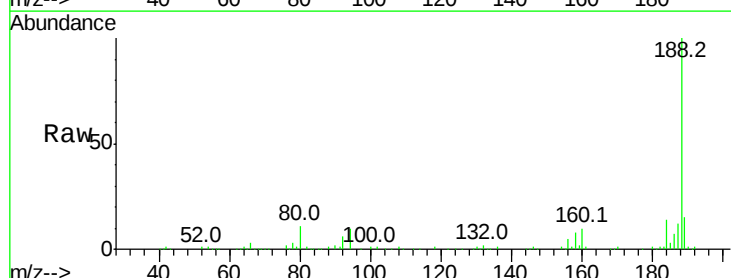
RT: 15.03 min Scan# 2226

Delta R.T. 0.05 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

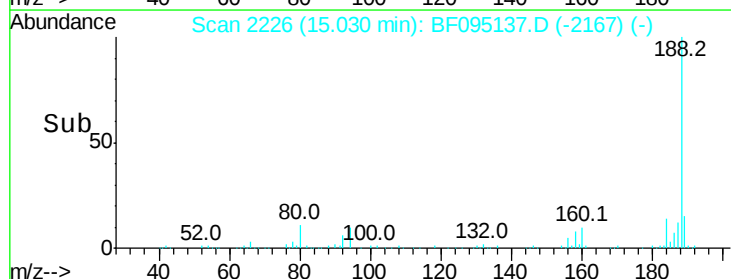
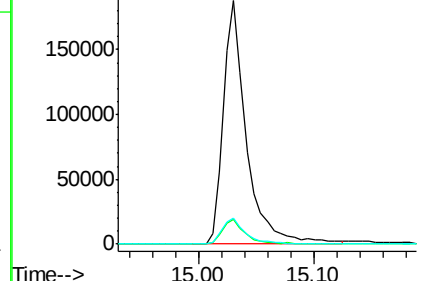
Tgt Ion:	188	Resp:	259554
Ion Ratio	Lower	Upper	
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2

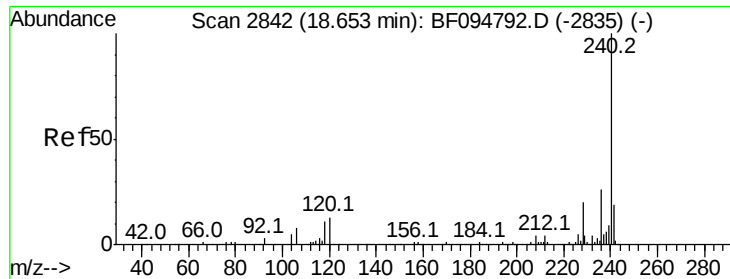


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Instrument :

BNA_F

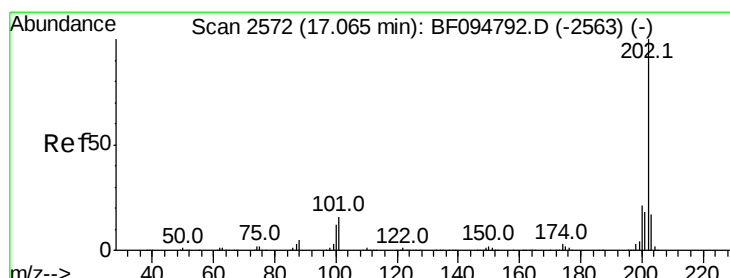
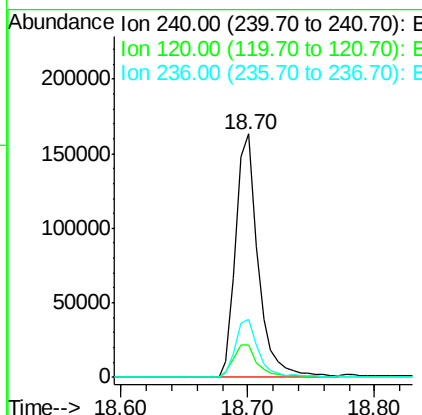
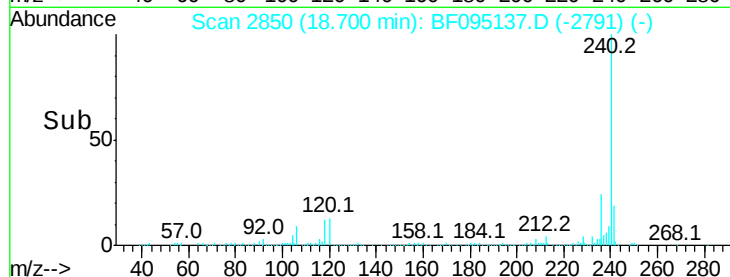
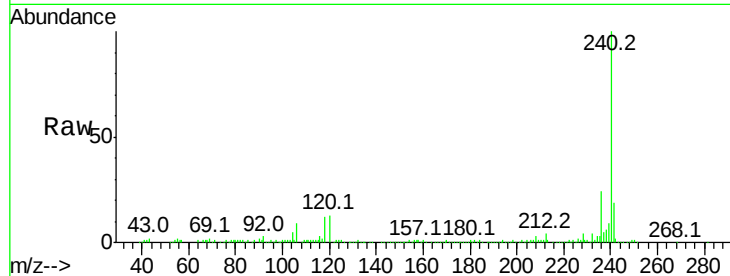
ClientSampleId :

TP-3COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	23.8	20.5	30.7

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#77

Pyrene

Concen: 2.28 ng

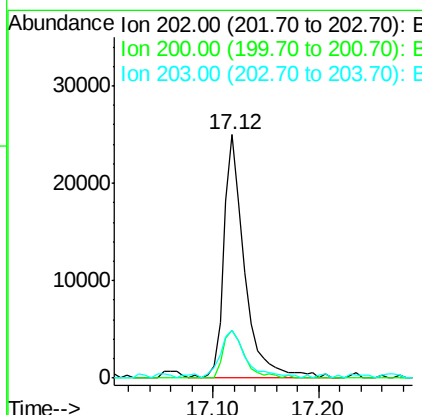
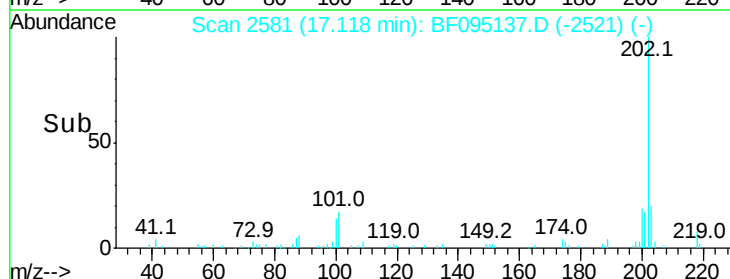
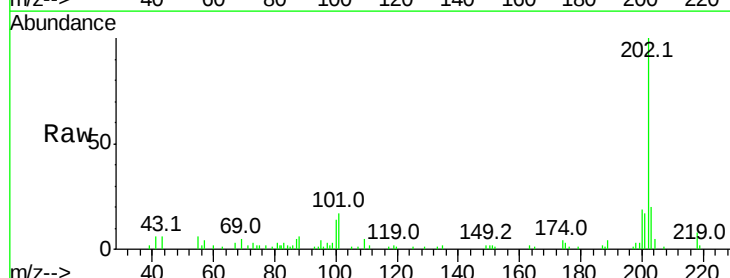
RT: 17.12 min Scan# 2581

Delta R.T. 0.05 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	19.6	14.4	21.6





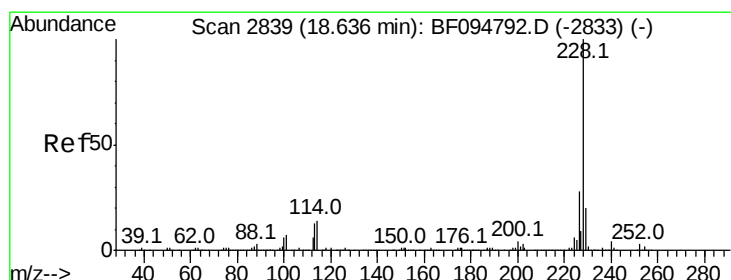
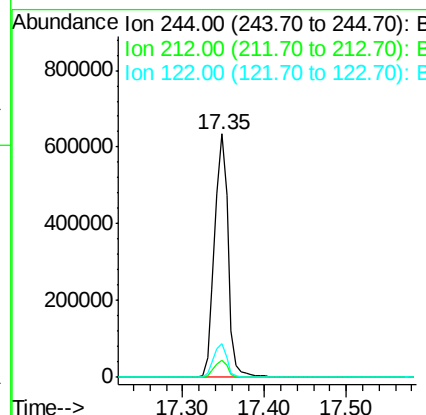
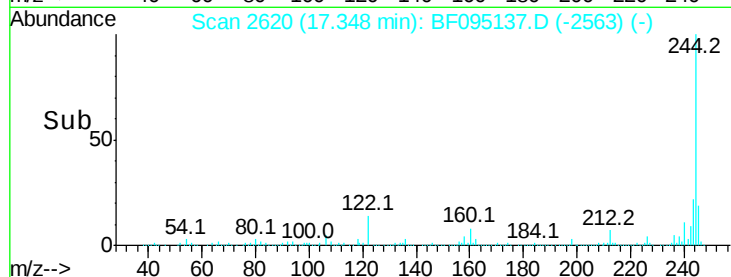
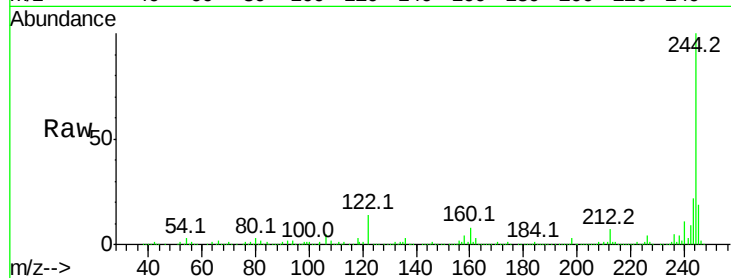
#78
 Terphenyl-d14
 Concen: 81.07 ng
 RT: 17.35 min Scan# 2620
 Delta R.T. 0.04 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-3COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.9	10.3	15.5

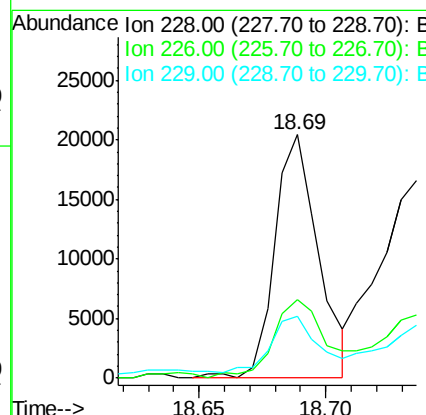
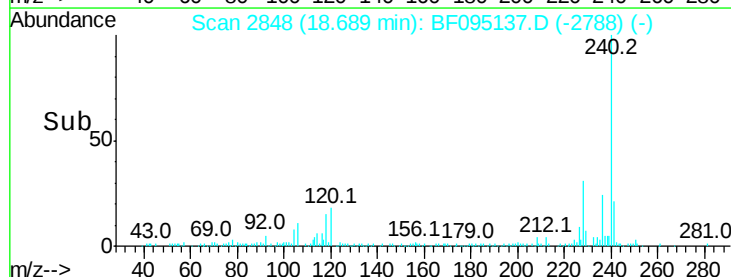
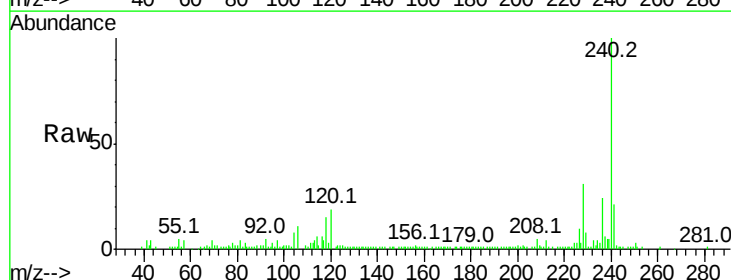
Manual Integrations
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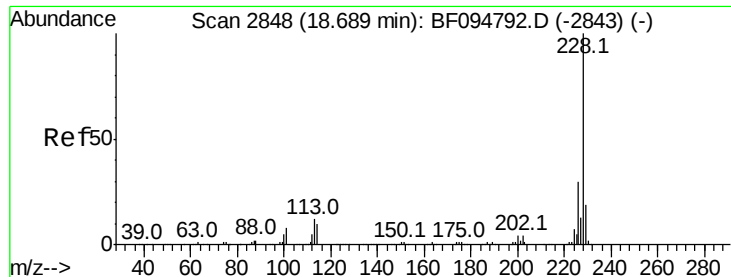
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#80
 Benzo(a)anthracene
 Concen: 2.10 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.05 min
 Lab File: BF095137.D
 Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	25.5	16.3	24.5





#82

Chrysene

Concen: 2.52 ng

RT: 18.74 min Scan# 2856

Delta R.T. 0.05 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Instrument :

BNA_F

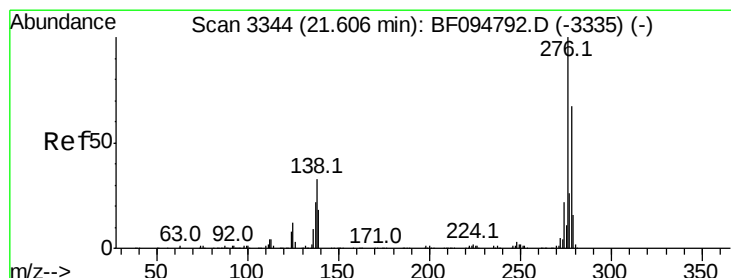
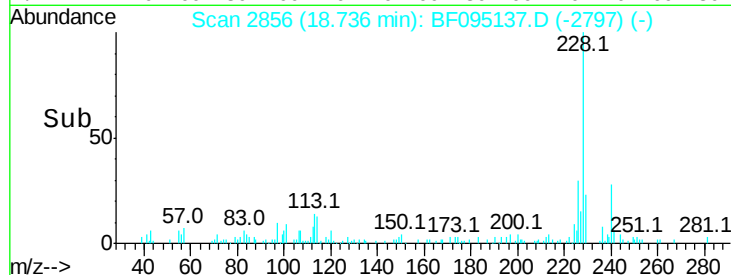
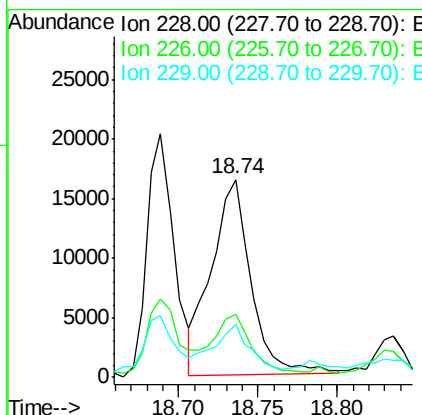
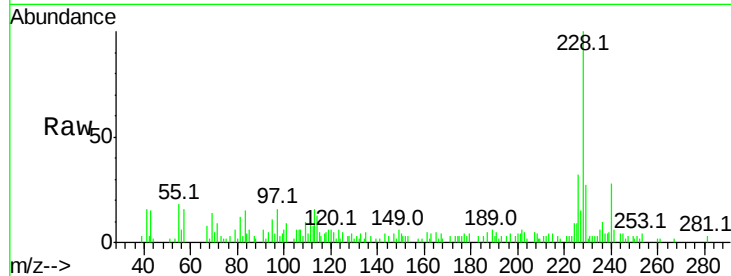
ClientSampled :

TP-3COMP

Tot Ion:	228	Resp:	28450
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	26.5	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng

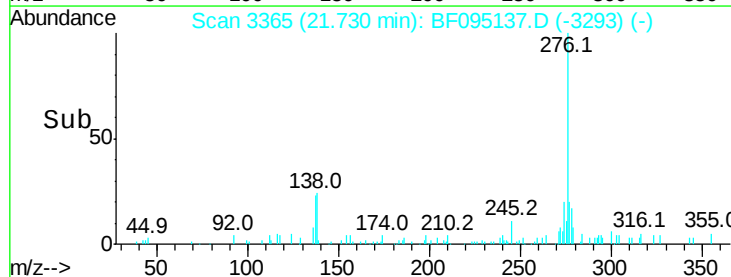
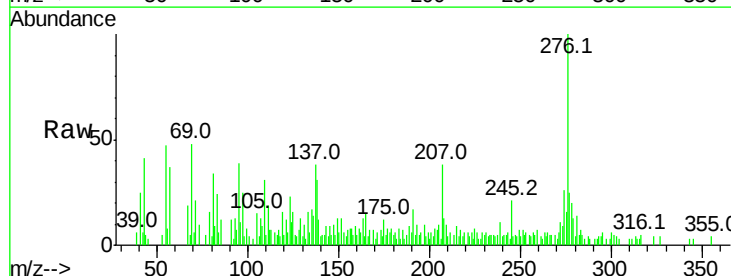
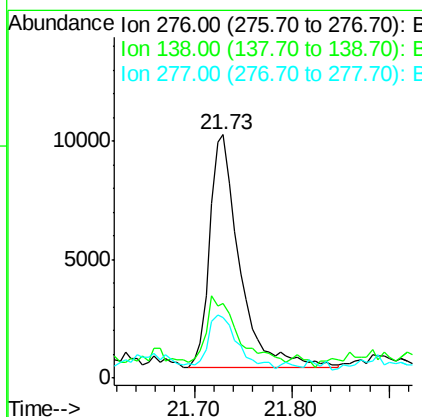
RT: 21.73 min Scan# 3365

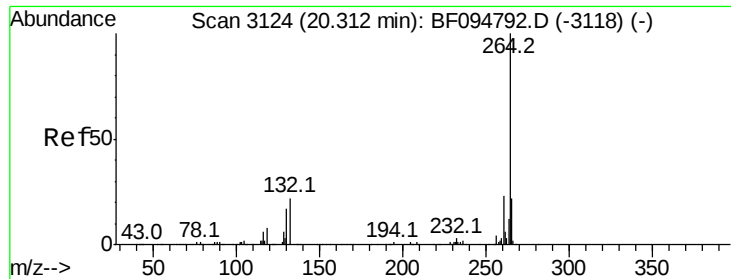
Delta R.T. 0.12 min

Lab File: BF095137.D

Acq: 15 May 2017 21:23

Tgt Ion:	276	Resp:	20823
Ion Ratio	Lower	Upper	
276	100		
138	28.4	27.8	41.6
277	22.1	20.2	30.4





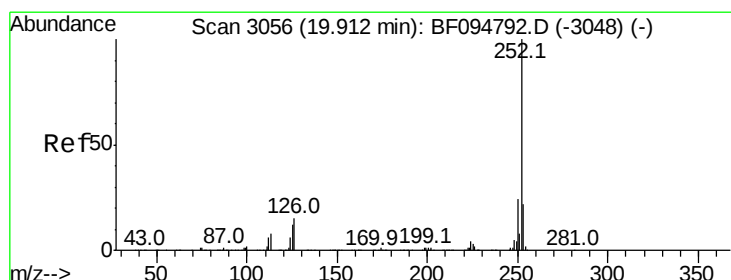
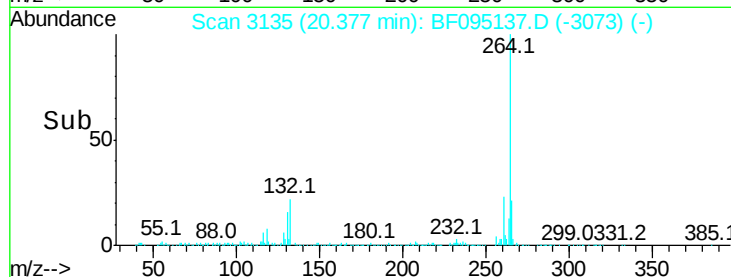
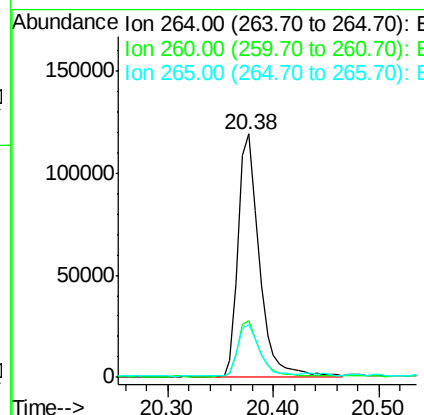
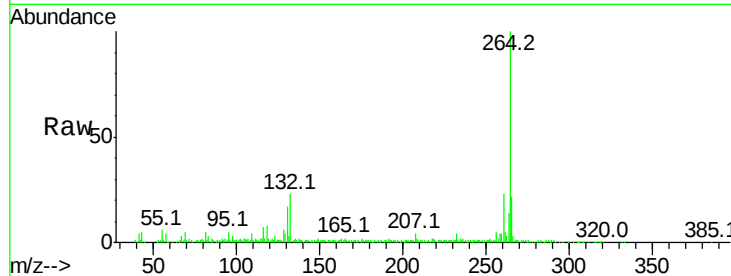
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.38 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TP-3COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.2	25.8

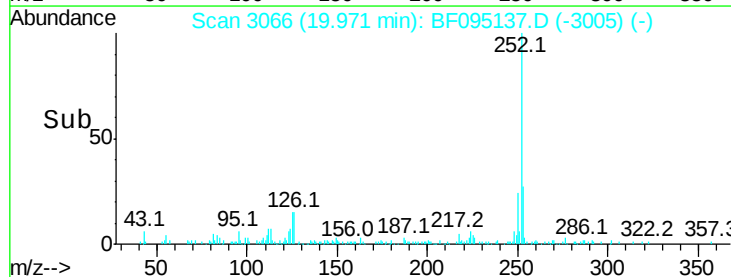
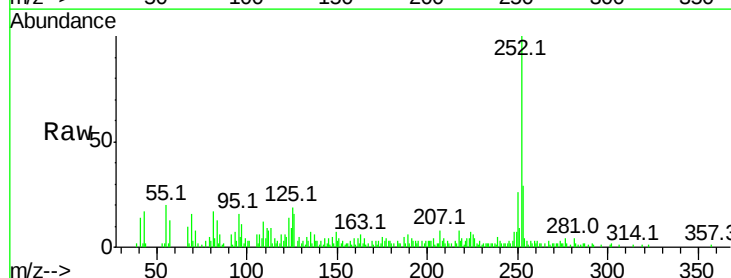
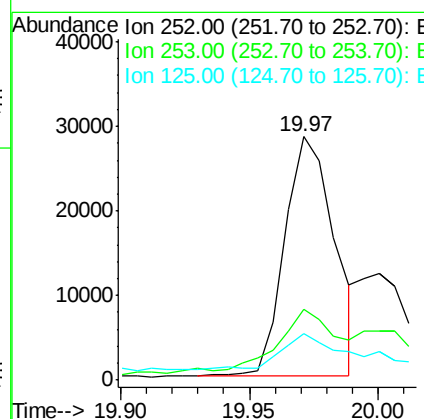
Manual Integrations
APPROVED

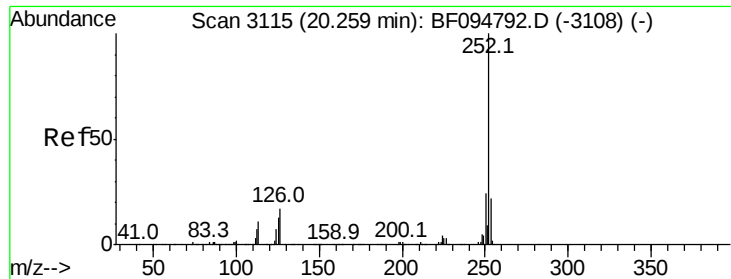
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#87
Benzo(b)fluoranthene
Concen: 3.72 ng m
RT: 19.97 min Scan# 3066
Delta R.T. 0.06 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.1	27.1#
125	19.3	9.8	14.8#





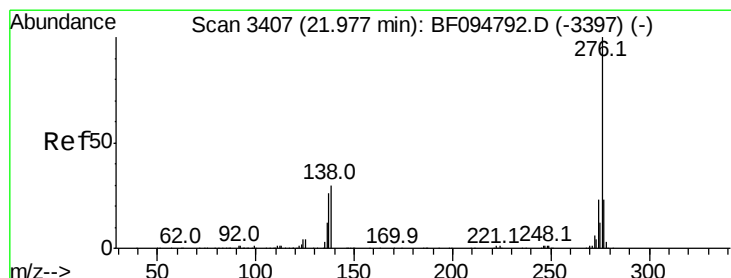
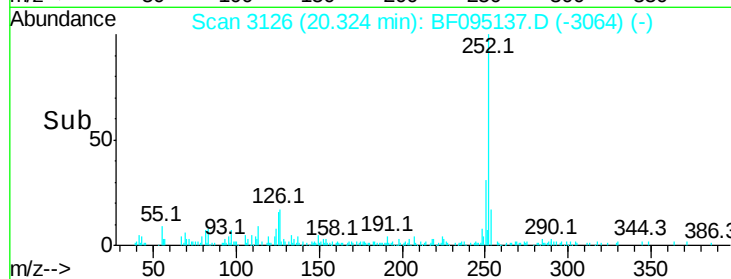
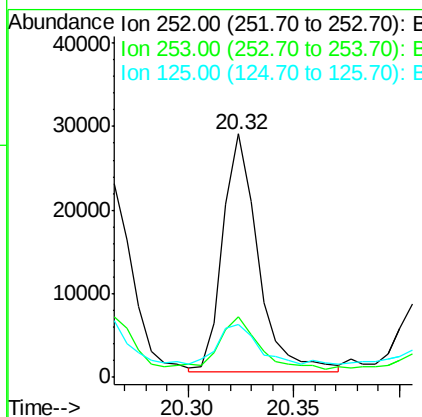
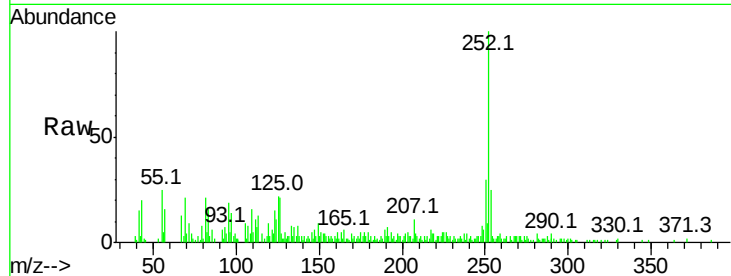
#89
Benzo(a)pyrene
Concen: 3.44 ng
RT: 20.32 min Scan# 3126
Delta R.T. 0.06 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Instrument :
BNA_F
ClientSampleId :
TP-3COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	21.8	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.10 ng
RT: 22.12 min Scan# 3431
Delta R.T. 0.14 min
Lab File: BF095137.D
Acq: 15 May 2017 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.6	28.0
138	37.7	25.4	38.0

