

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095862.D
 Acq On : 10 Jun 2017 22:53
 Operator : SJ/MA
 Sample : I3598-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-COMP

Manual Integrations
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Quant Time: Jun 12 05:39:40 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	7.37	152	62624	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	265518	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	113656	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	178426	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	146773	20.00	ng	-0.02
86) Perylene-d12	20.00	264	119454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	441279	112.28	ng	-0.03
7) Phenol-d6	6.93	99	545559	115.95	ng	-0.03
23) Nitrobenzene-d5	8.28	82	310251	72.57	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	92941	92.42	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	557033	68.20	ng	-0.04
78) Terphenyl-d14	16.99	244	353135	59.71	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	97279	11.27	ng	99
70) Phenanthrene	14.65	178	85395	8.29	ng	99
71) Anthracene	14.74	178	33916	3.16	ng	98
74) Fluoranthene	16.43	202	111902	10.98	ng	99
77) Pyrene	16.73	202	99032	9.04	ng	96
80) Benzo(a)anthracene	18.32	228	42480	4.98	ng	95
82) Chrysene	18.37	228	45519m	5.34	ng	
87) Benzo(b)fluoranthene	19.60	252	37293m	4.99	ng	
88) Benzo(k)fluoranthene	19.63	252	15339m	2.15	ng	
89) Benzo(a)pyrene	19.96	252	27607	4.02	ng	# 89
91) Benzo(g,h,i)perylene	21.53	276	14401	2.42	ng	# 80

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

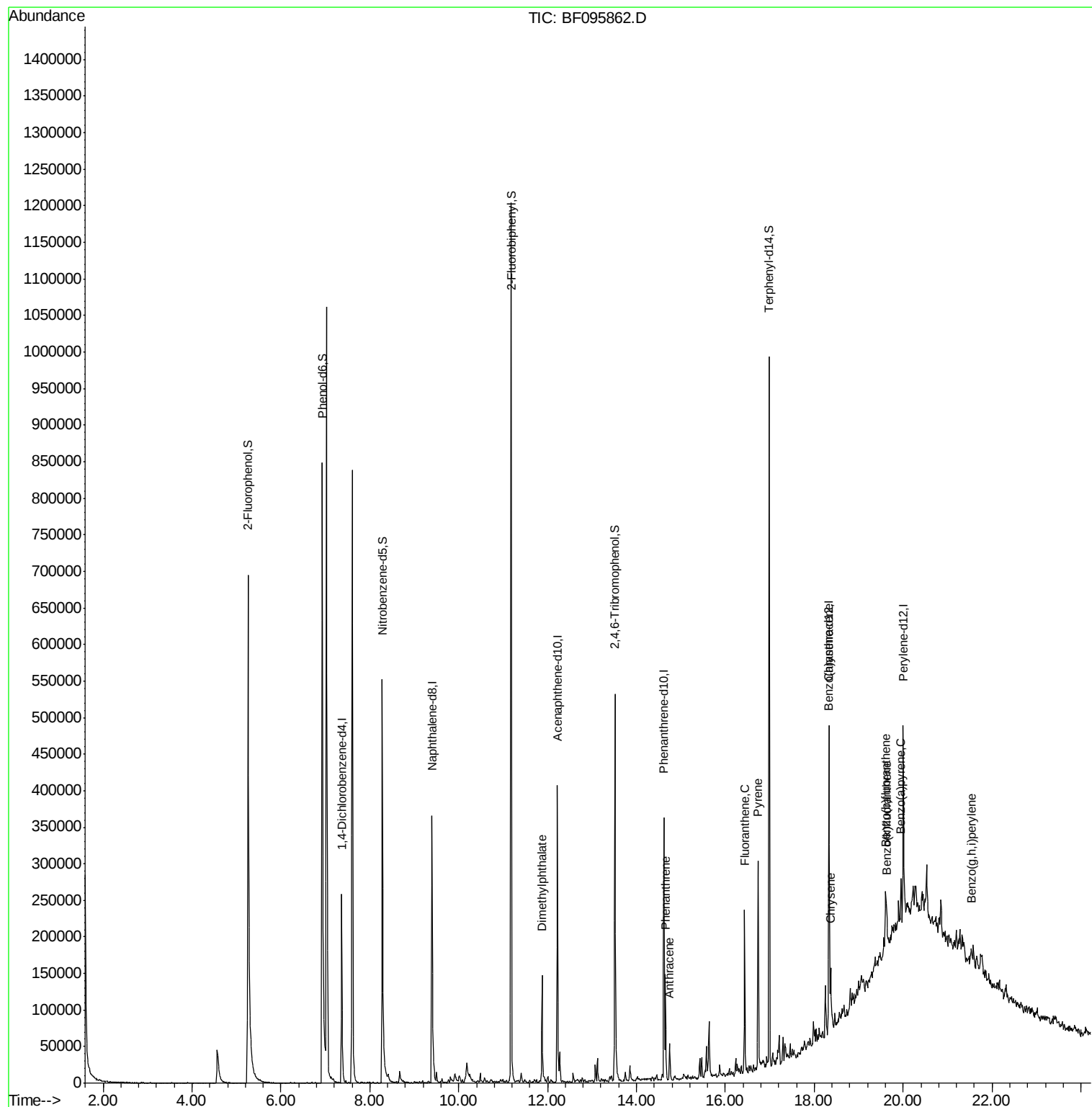
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
Data File : BF095862.D
Acq On : 10 Jun 2017 22:53
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Quant Time: Jun 12 05:39:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

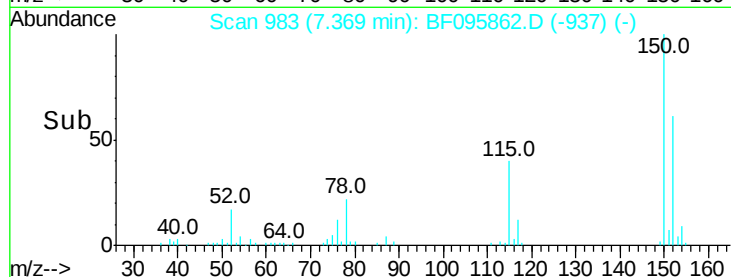
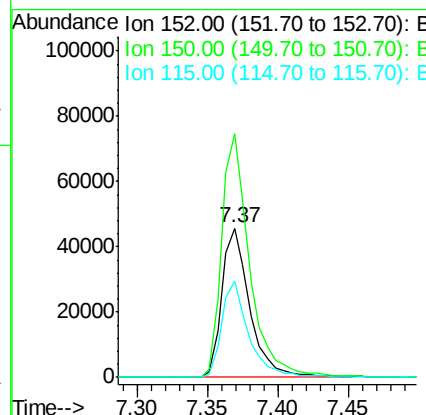
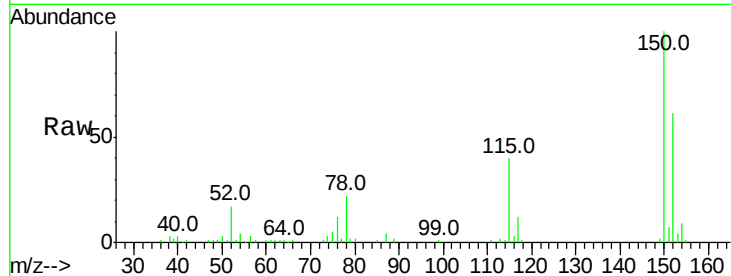
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Instrument :
BNA_F
ClientSampleId :
VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.2	189.2
115	64.6	52.2	78.2

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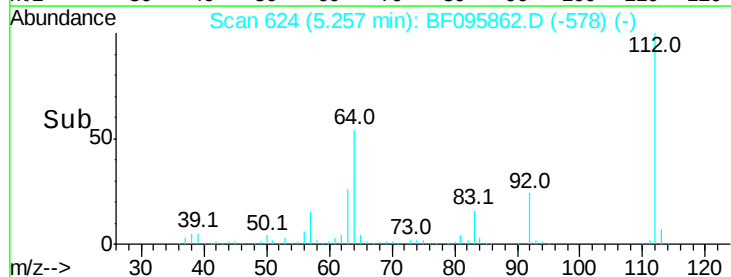
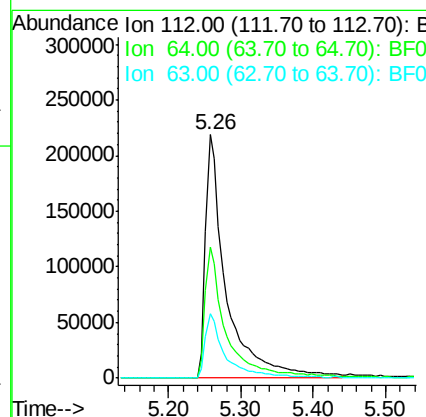
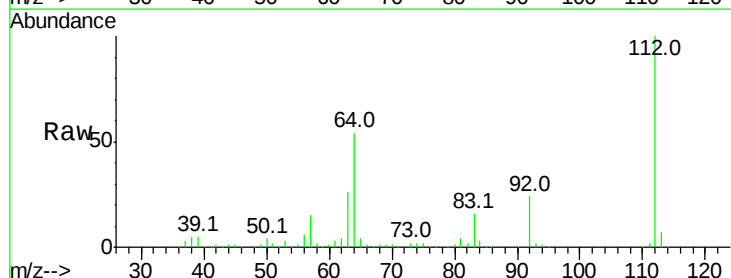
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#5

2-Fluorophenol
Concen: 112.28 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.5	23.4	35.0





#7

Phenol-d6

Concen: 115.95 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095862.D

Acq: 10 Jun 2017 22:53

Instrument :

BNA_F

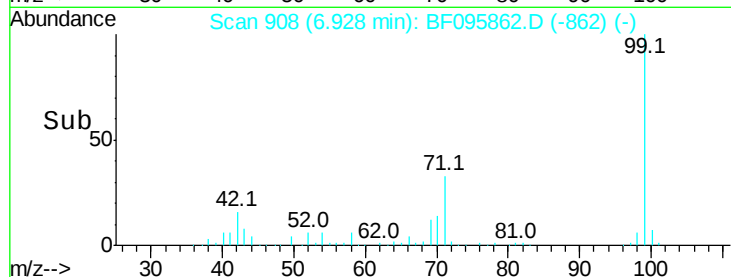
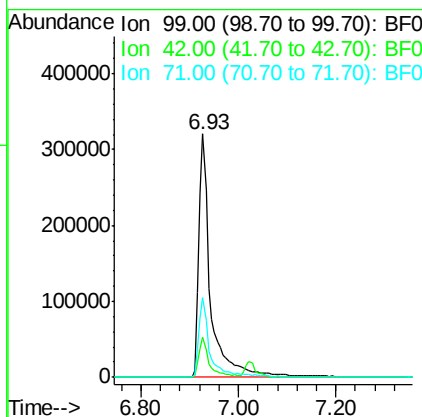
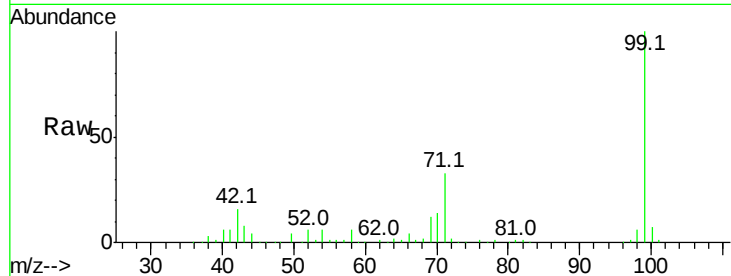
ClientSampleId :

VNJ-204-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		545559		
42	16.4	13.5	20.3		
71	32.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

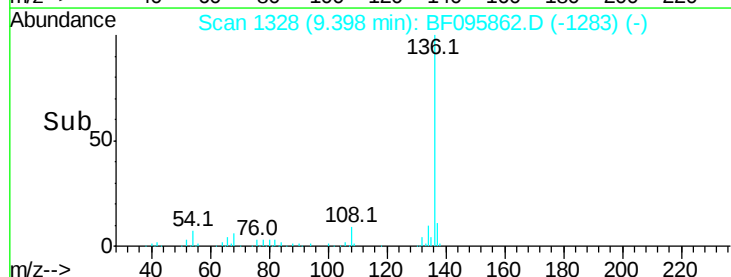
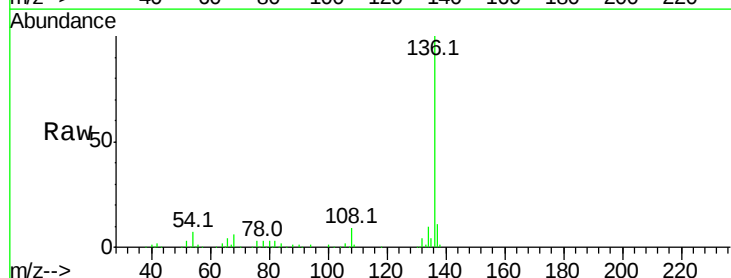
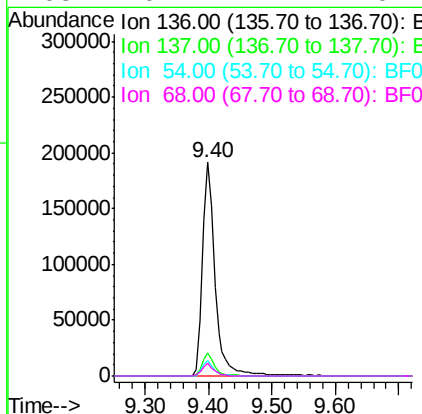
RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095862.D

Acq: 10 Jun 2017 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265518		
137	10.7	8.5	12.7		
54	7.1	4.9	7.3		
68	6.1	4.1	6.1#		





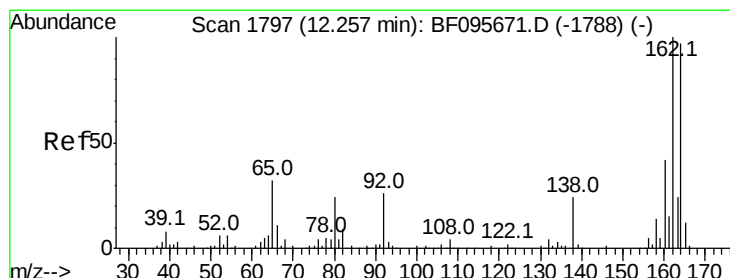
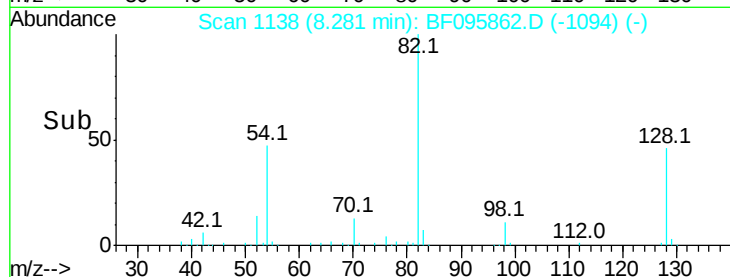
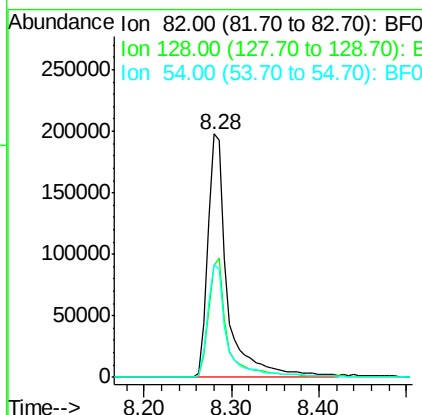
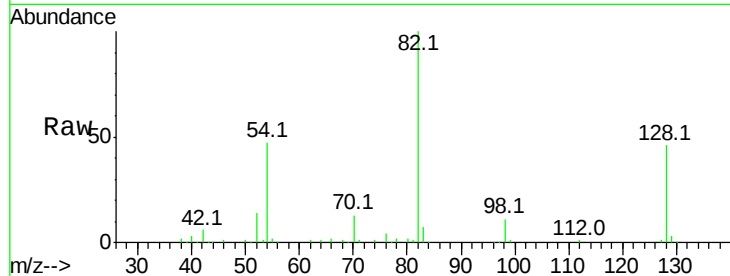
#23
 Nitrobenzene-d5
 Concen: 72.57 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	46.6	42.2	63.2

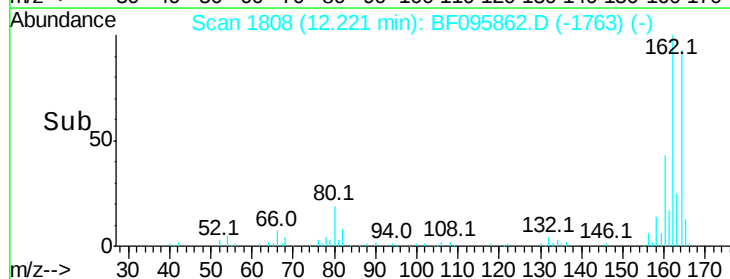
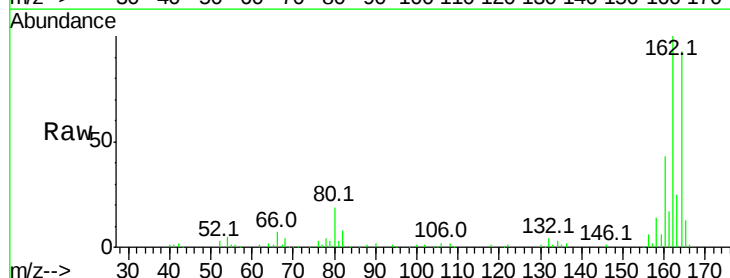
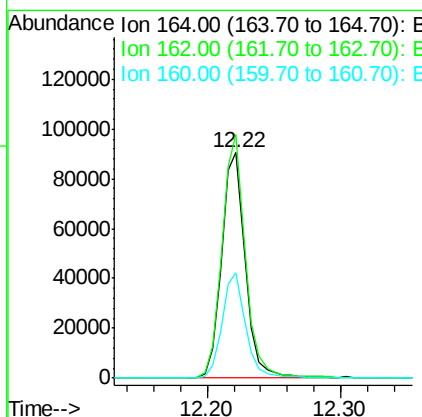
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	82.6	123.8
160	46.9	36.2	54.2





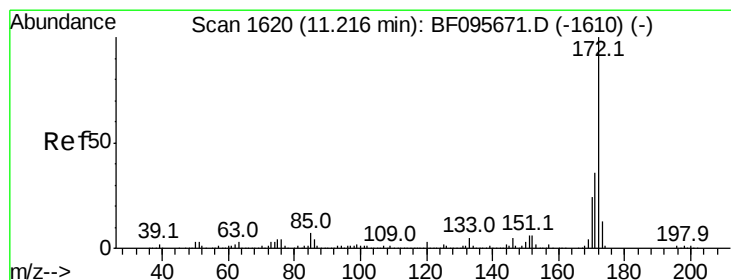
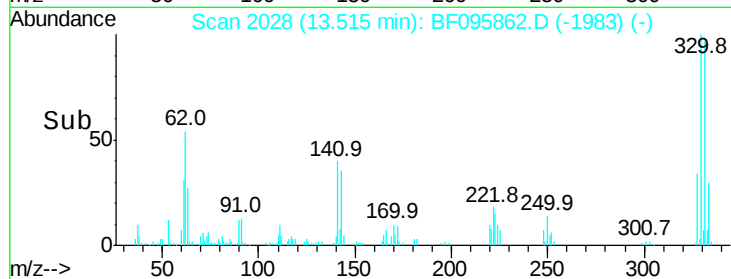
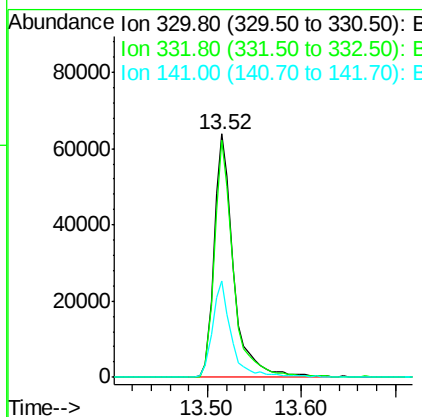
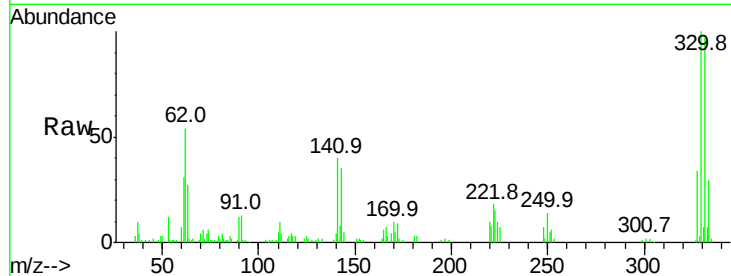
#41
 2,4,6-Tribromophenol
 Concen: 92.42 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	115.0
141	38.8	31.4	47.2

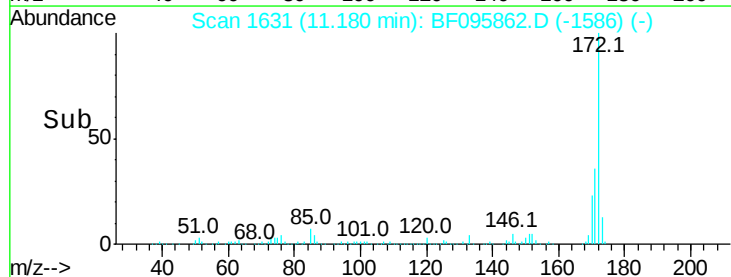
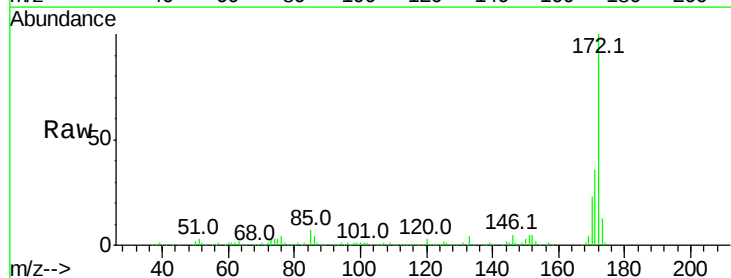
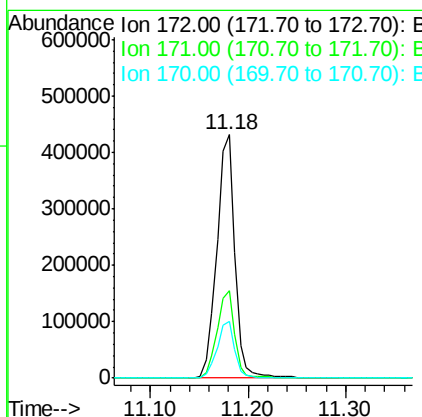
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#44
 2-Fluorobiphenyl
 Concen: 68.20 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.8	29.8





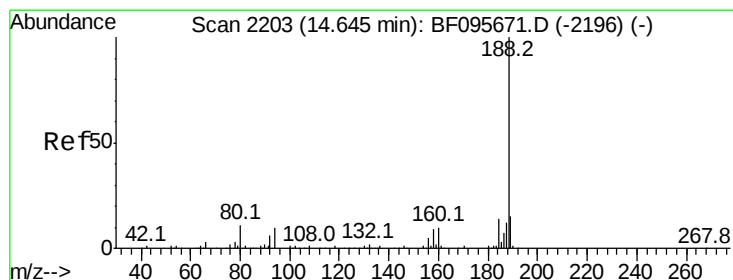
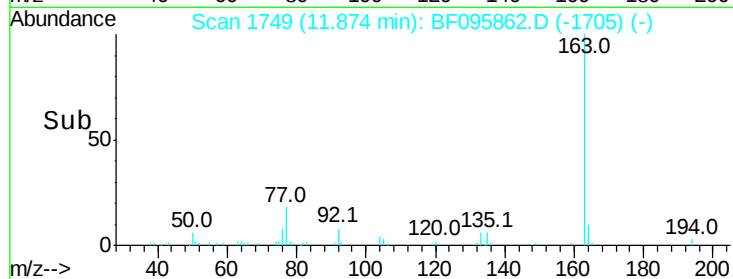
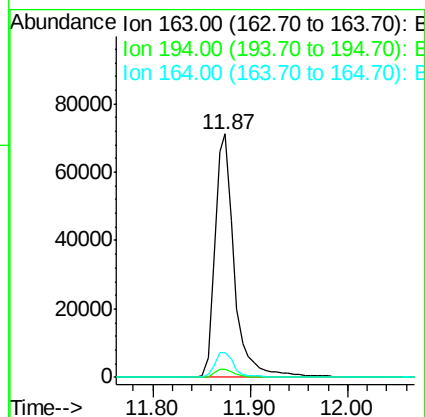
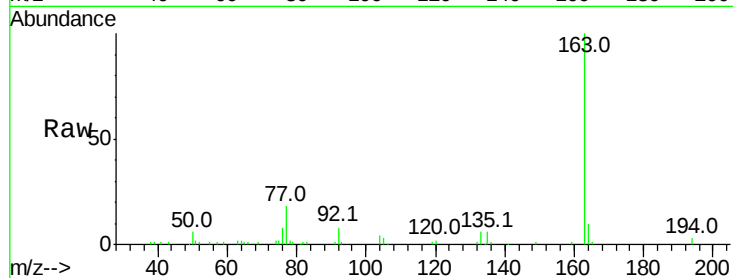
#49
Dimethylphthalate
Concen: 11.27 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Instrument :
BNA_F
ClientSampleId :
VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.4	12.6

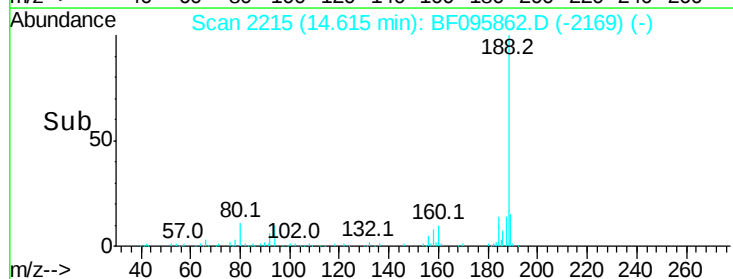
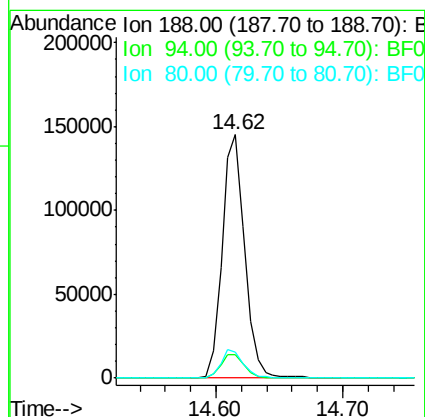
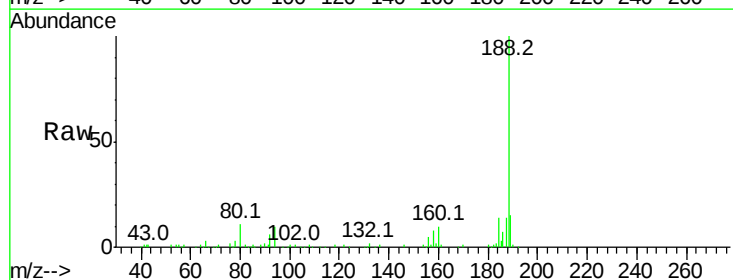
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.6	10.2	15.2





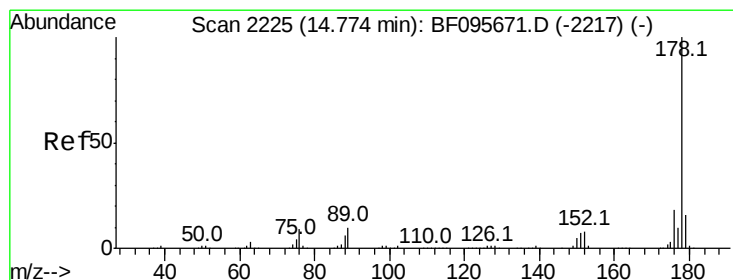
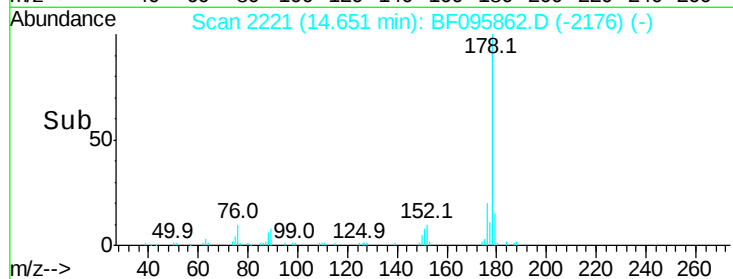
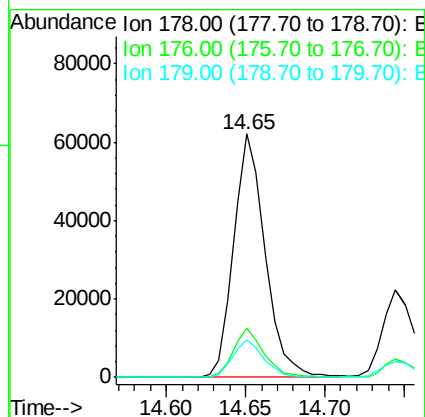
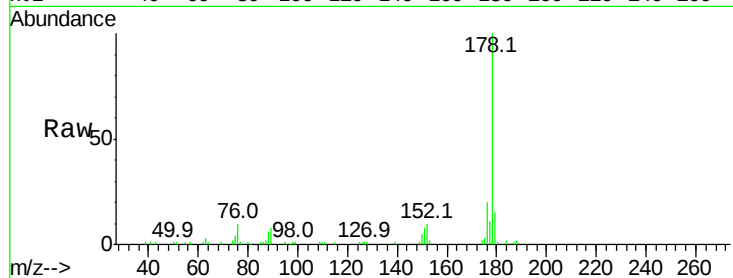
#70
 Phenanthrene
 Concen: 8.29 ng
 RT: 14.65 min Scan# 2221
 Delta R.T. -0.04 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.3	12.6	19.0

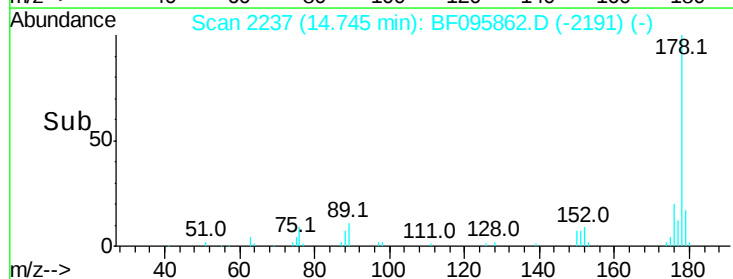
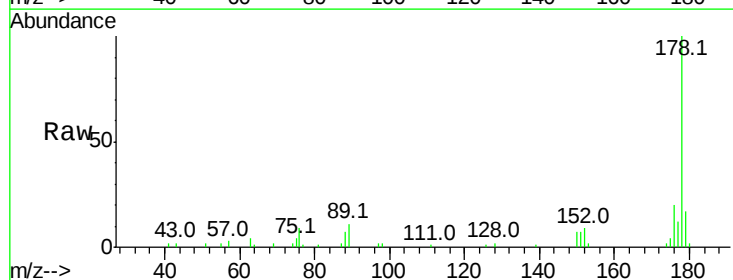
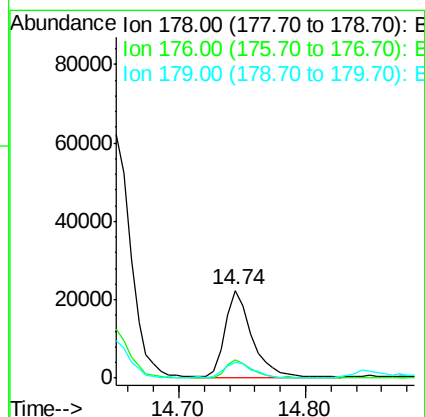
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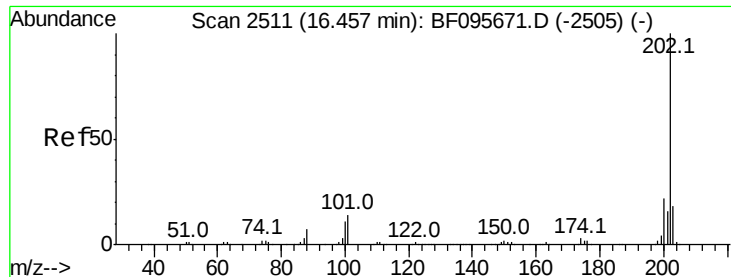
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#71
 Anthracene
 Concen: 3.16 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. -0.03 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	17.5	12.7	19.1





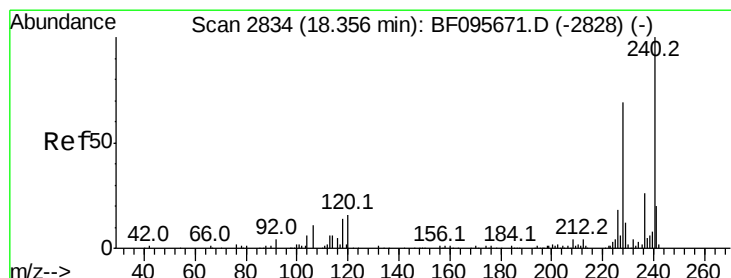
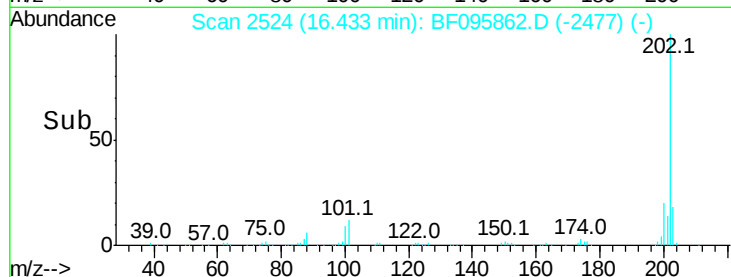
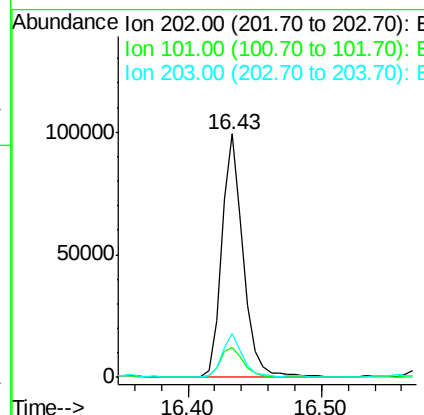
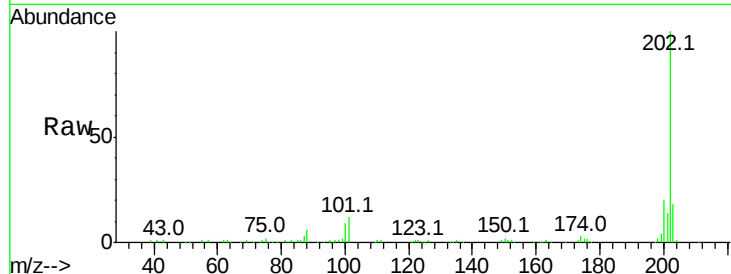
#74
Fluoranthene
 Concen: 10.98 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.1	0.0	38.1

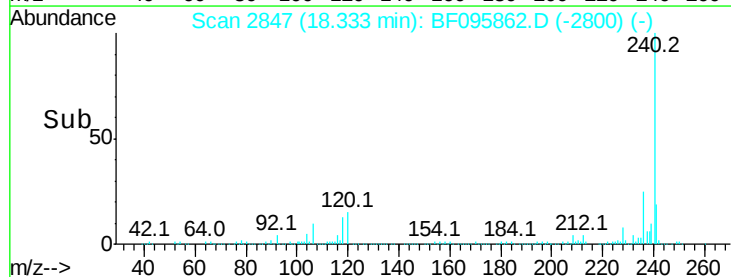
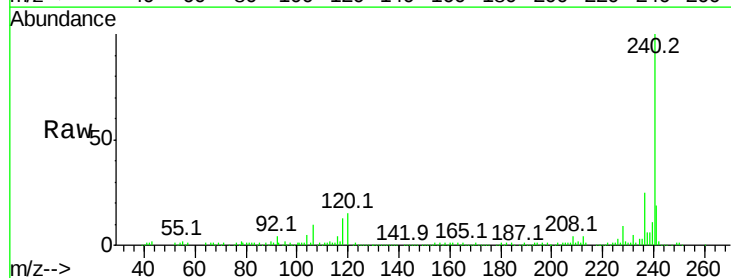
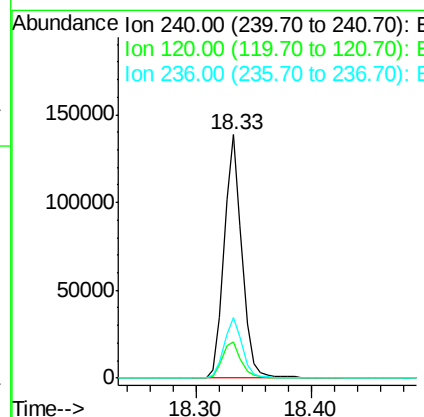
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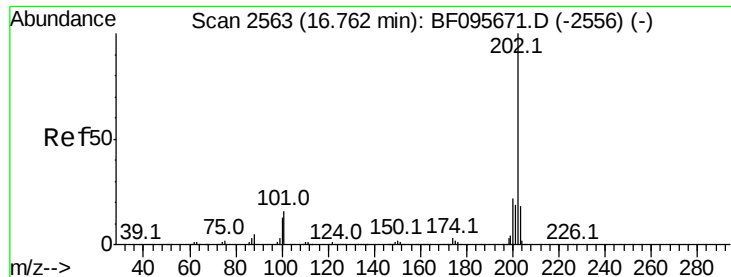
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095862.D
 Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7





#77

Pvrene

Concen: 9.04 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BF095862.D

Acq: 10 Jun 2017 22:53

Instrument :

BNA_F

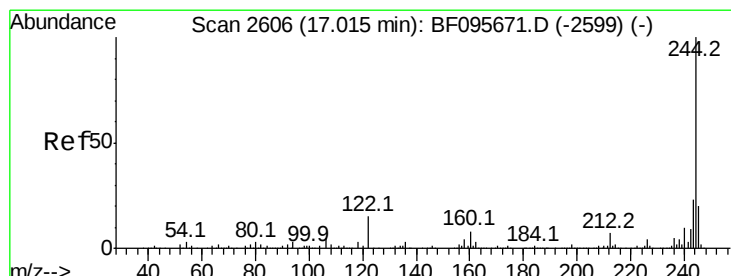
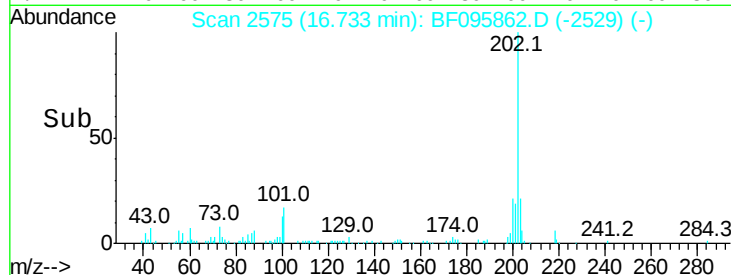
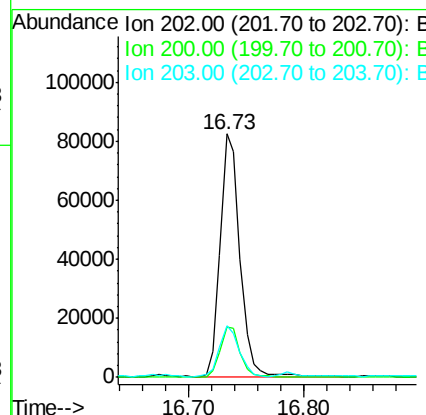
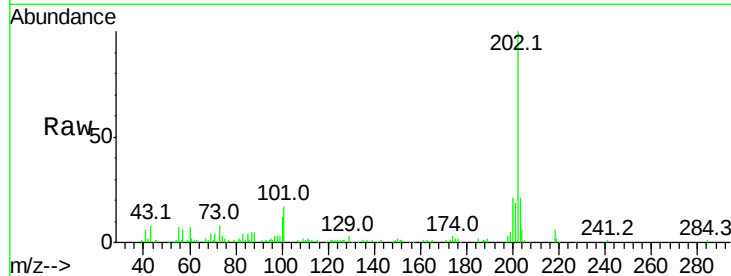
ClientSampled :

VNJ-204-COMP

Tot Ion:202	Resp:	99032
Ion Ratio	Lower	Upper
202 100		
200 20.9	17.6	26.4
203 21.0	14.4	21.6

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#78

Terphenyl-d14

Concen: 59.71 ng

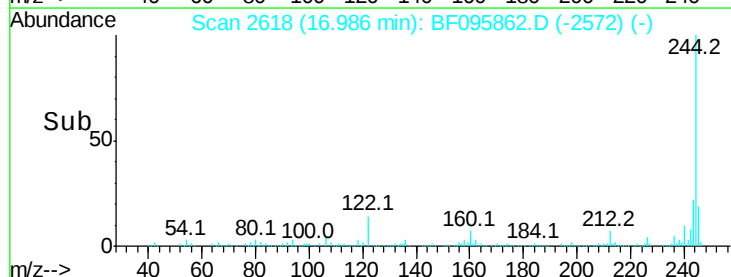
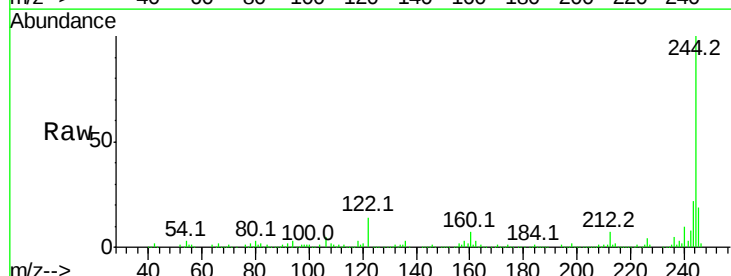
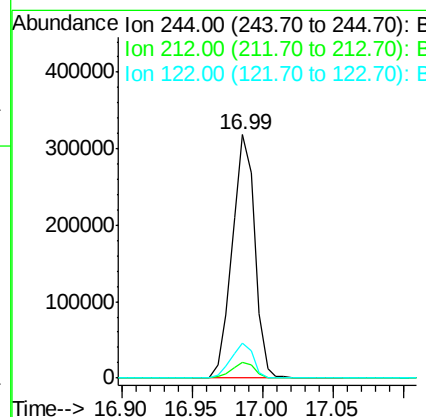
RT: 16.99 min Scan# 2618

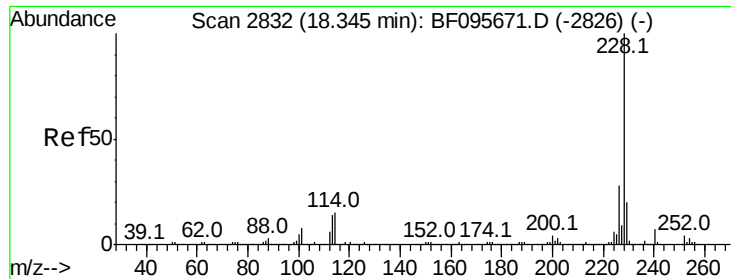
Delta R.T. -0.03 min

Lab File: BF095862.D

Acq: 10 Jun 2017 22:53

Tgt Ion:244	Resp:	353135
Ion Ratio	Lower	Upper
244 100		
212 6.5	6.0	9.0
122 14.5	10.3	15.5





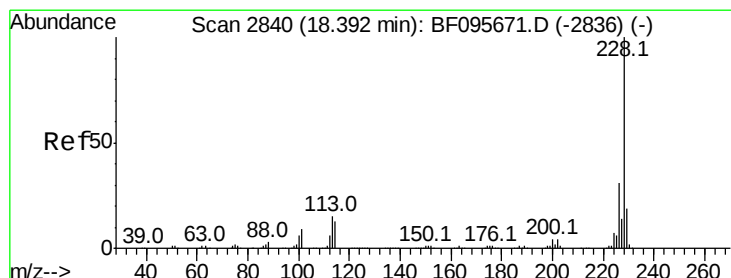
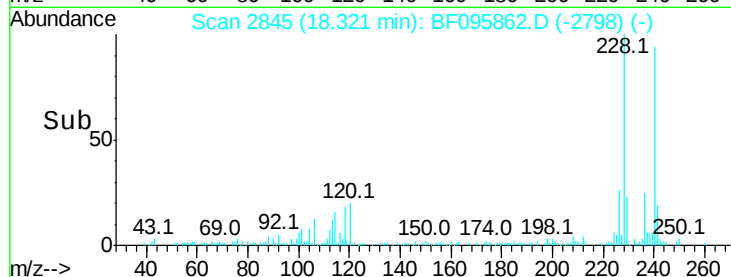
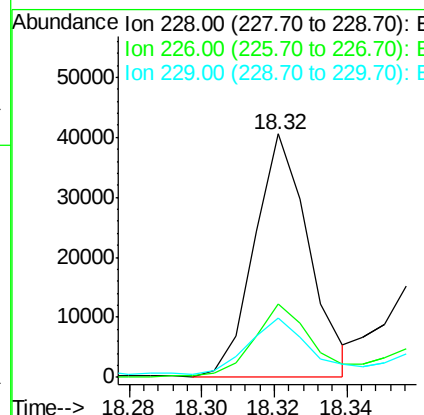
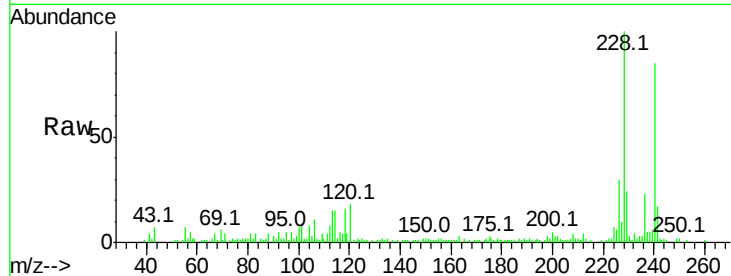
#80
Benzo(a)anthracene
Concen: 4.98 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Instrument :
BNA_F
ClientSampleId :
VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	24.1	16.3	24.5

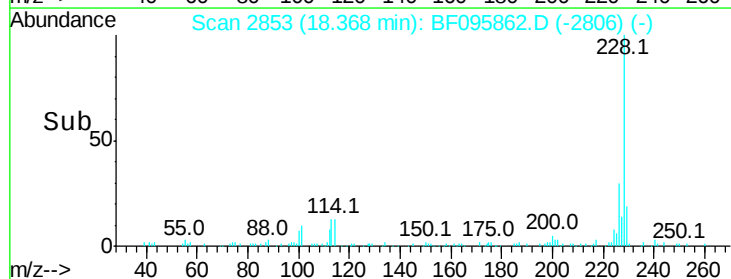
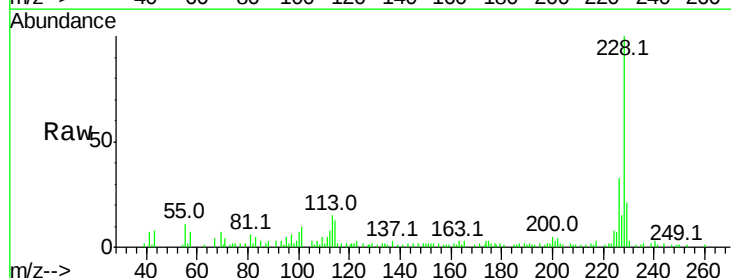
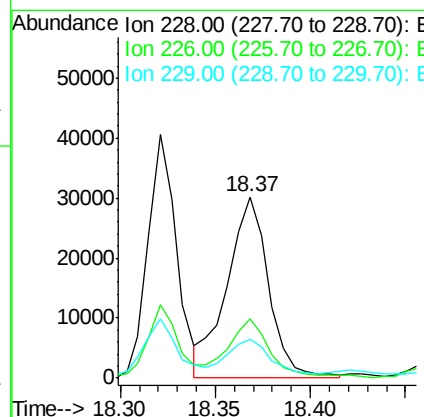
Manual Integrations
APPROVED

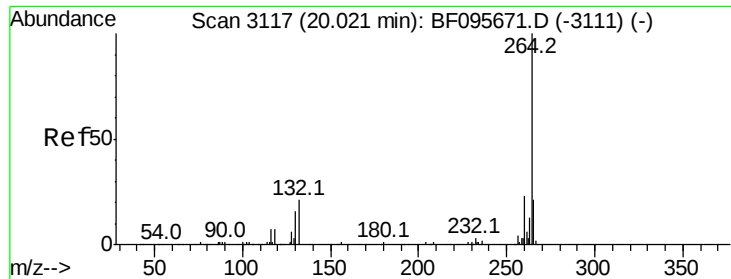
mohammad
6/12/2017 1:28:31 PM



#82
Chrysene
Concen: 5.34 ng m
RT: 18.37 min Scan# 2853
Delta R.T. -0.02 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.2	15.8	23.6





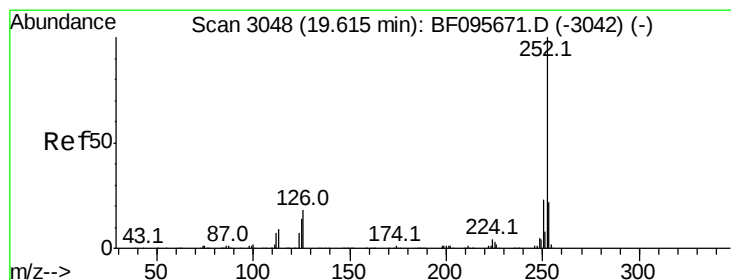
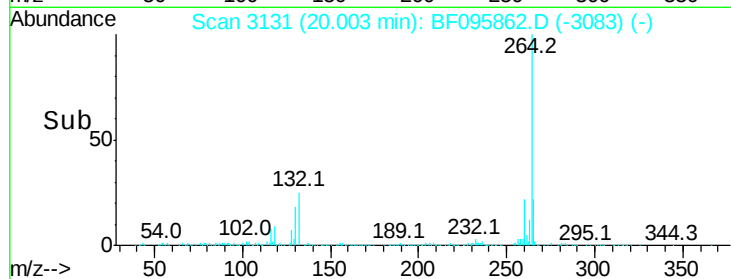
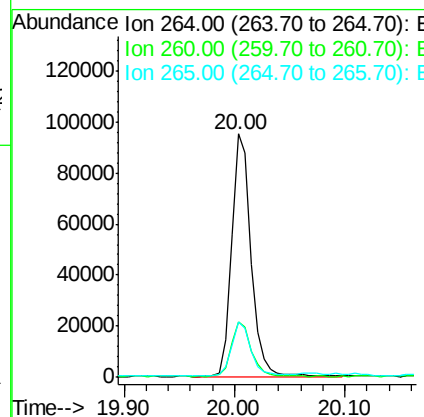
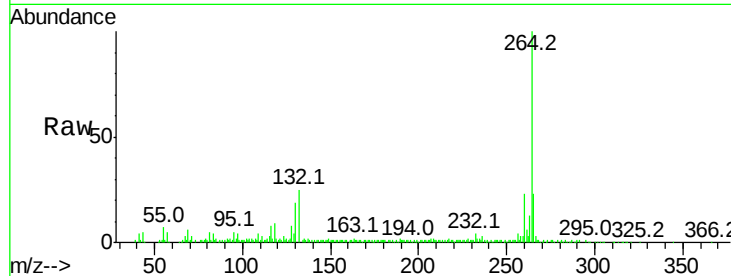
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Instrument :
BNA_F
ClientSampleId :
VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	23.0	17.2	25.8

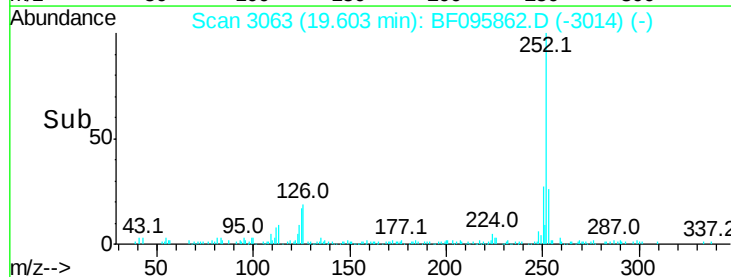
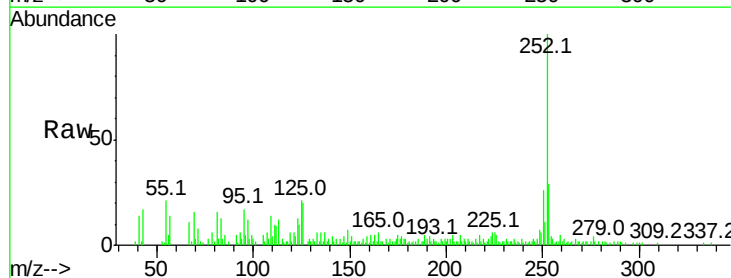
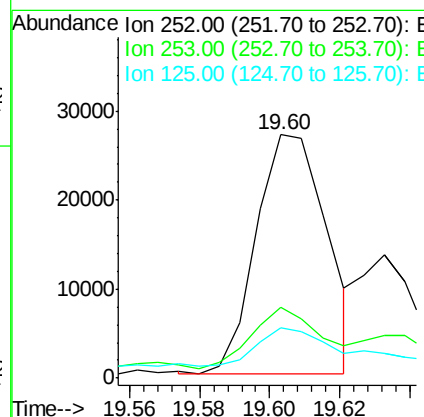
Manual Integrations
APPROVED

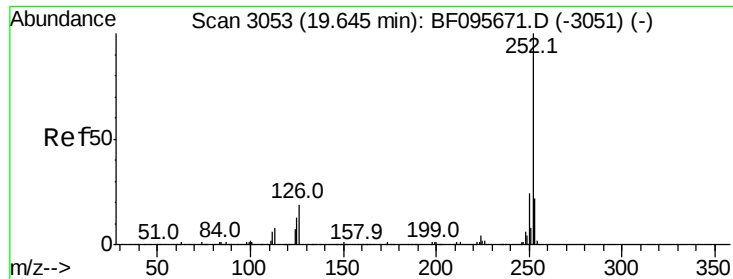
mohammad
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#87
Benzo(b)fluoranthene
Concen: 4.99 ng m
RT: 19.60 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.1	27.1#
125	20.8	9.8	14.8#





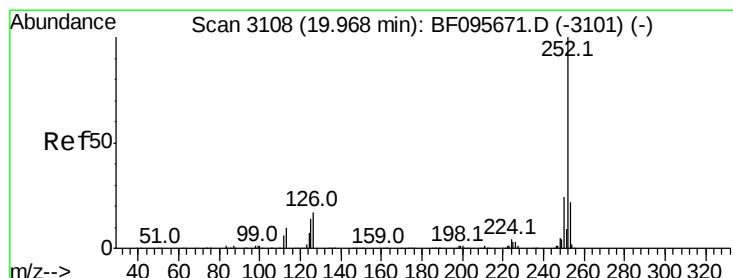
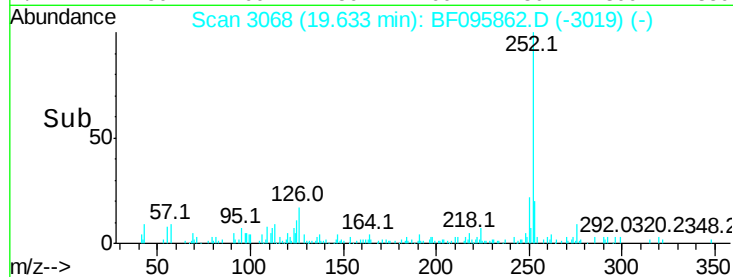
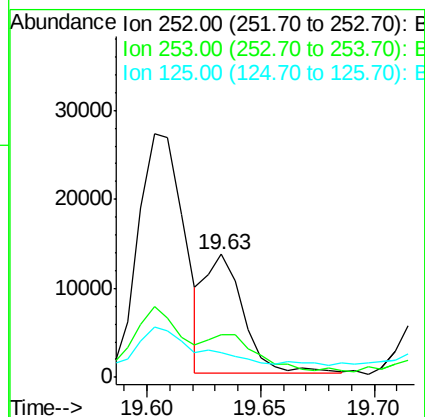
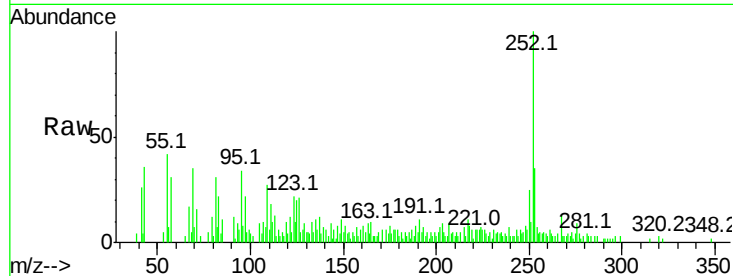
#88
Benzo(k)fluoranthene
Concen: 2.15 ng/ml
RT: 19.63 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Instrument :
BNA_F
ClientSampleId :
VNJ-204-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.1	18.4	27.6#
125	20.0	13.1	19.7#

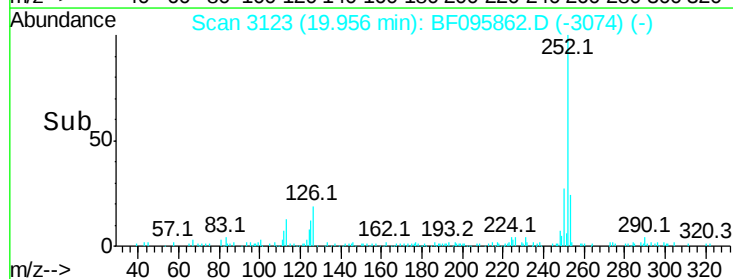
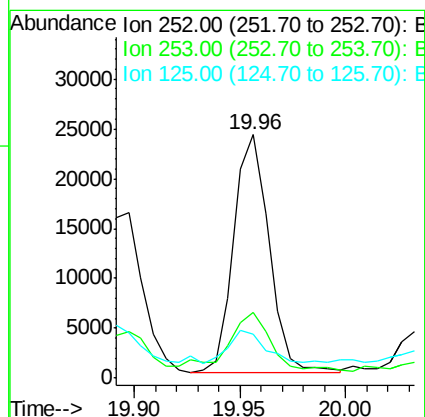
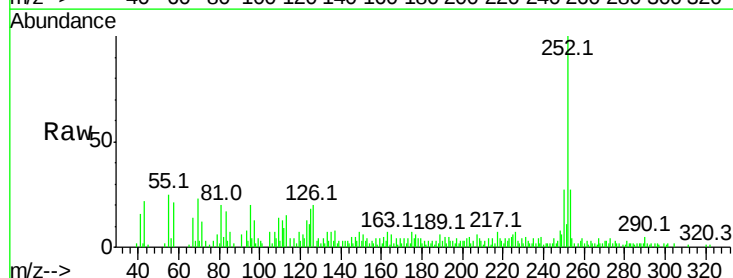
Manual Integrations
APPROVED

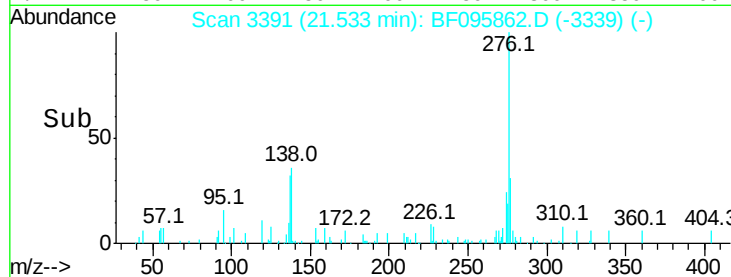
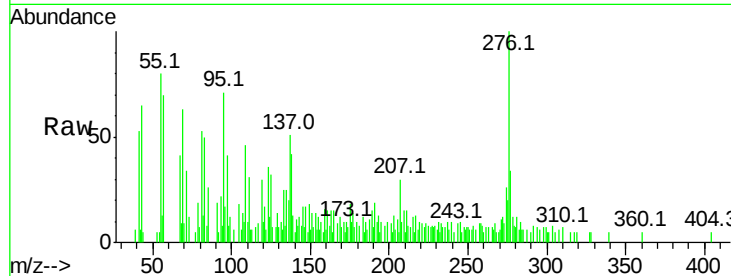
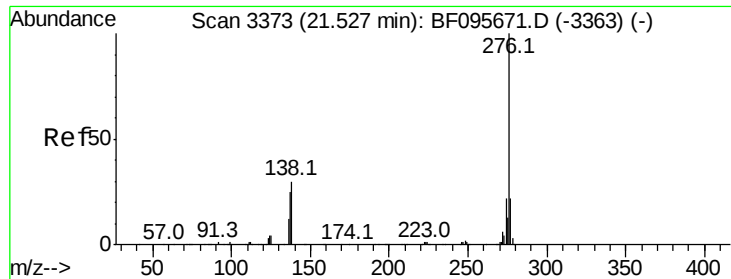
mohammad
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#89
Benzo(a)pyrene
Concen: 4.02 ng/ml
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095862.D
Acq: 10 Jun 2017 22:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.5	26.3#
125	18.1	11.0	16.4#





#91

Benzo(a,h,i)perylene

Concen: 2.42 ng

RT: 21.53 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BF095862.D

Acq: 10 Jun 2017 22:53

Instrument :

BNA_F

ClientSampleId :

VNJ-204-COMP

Tot Ion: 276 Resp: 14401

Ion Ratio Lower Upper

276 100

277 33.8 18.6 28.0#

138 42.3 25.4 38.0#

Manual Integrations

APPROVED

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