

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095871.D
 Acq On : 11 Jun 2017 5:17
 Operator : SJ/MA
 Sample : I3591-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Manual Integrations
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Quant Time: Jun 12 07:14:00 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	59664	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	236766	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	94366	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	149176	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	132369	20.00	ng	-0.02
86) Perylene-d12	20.00	264	93439	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	351748	93.94	ng	-0.02
7) Phenol-d6	6.93	99	450202	100.43	ng	-0.03
23) Nitrobenzene-d5	8.28	82	271544	71.23	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	61241	73.35	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	532184	78.48	ng	-0.04
78) Terphenyl-d14	16.99	244	357860	67.09	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.87	163	65436	9.13	ng	# 99
82) Chrysene	18.37	228	17155	2.23	ng	# 93
87) Benzo(b)fluoranthene	19.61	252	13253m	2.27	ng	
89) Benzo(a)pyrene	19.95	252	12242	2.28	ng	98
91) Benzo(g,h,i)perylene	21.53	276	10337	2.22	ng	# 93

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

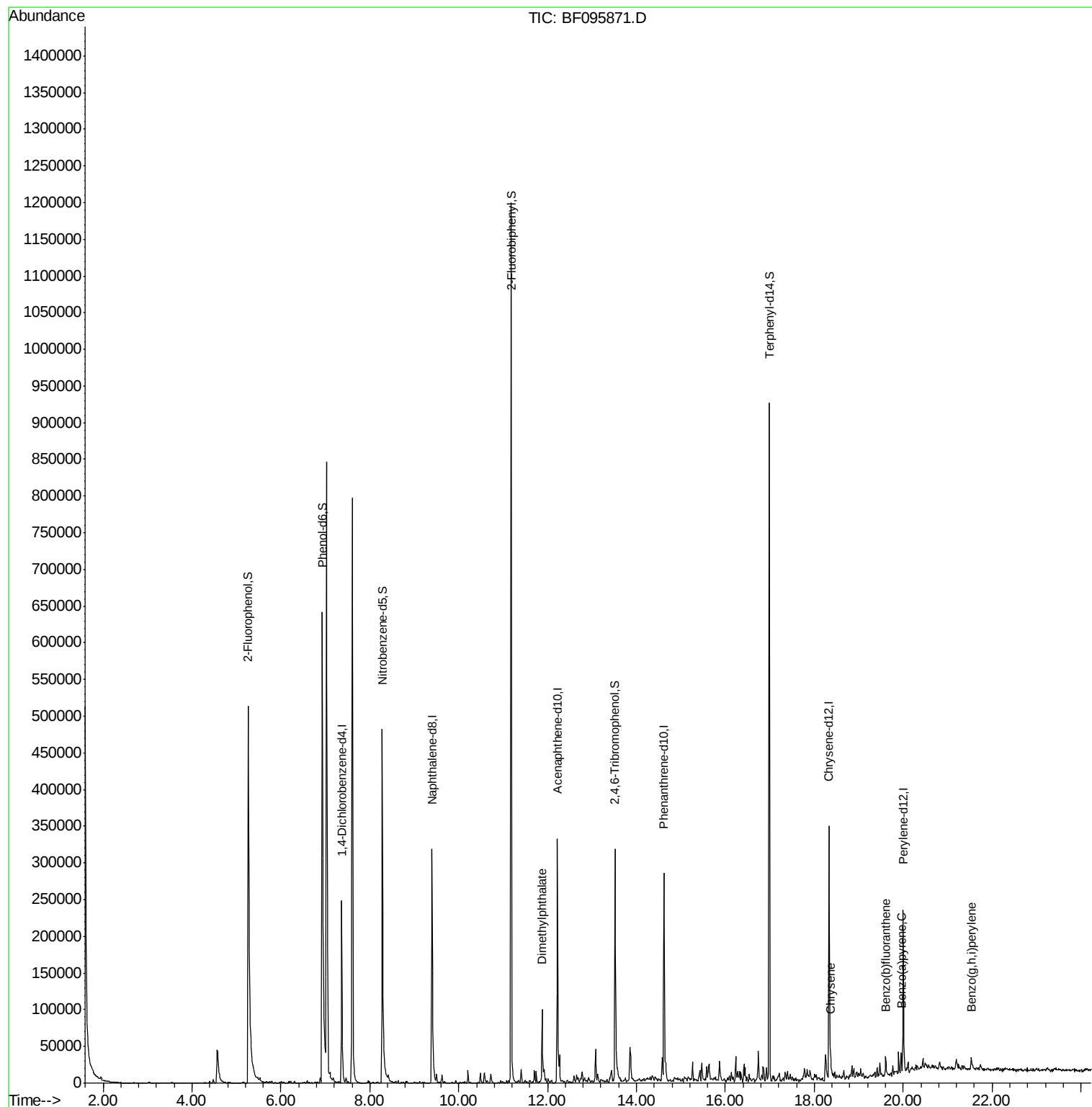
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
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#1

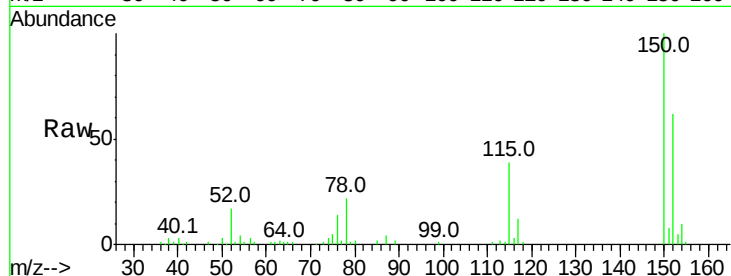
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095871.D
Acq: 11 Jun 2017 5:17

Instrument :
BNA_F
ClientSampleId :
E2-Q11-ESW

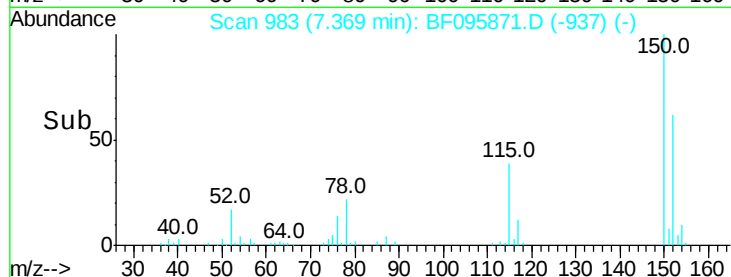
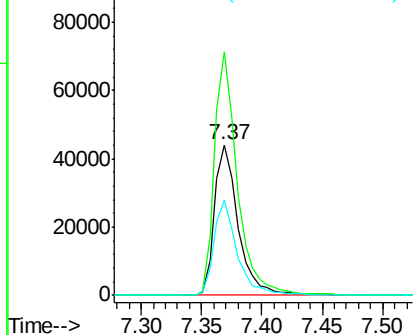
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.2	189.2
115	63.0	52.2	78.2

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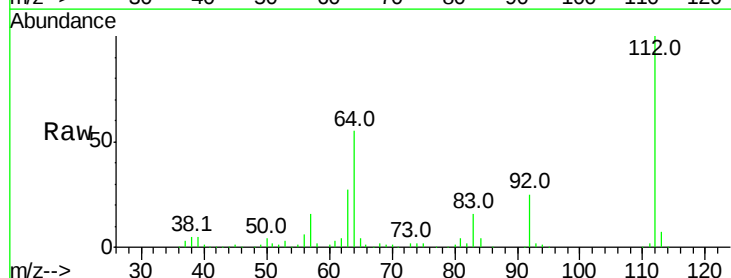
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



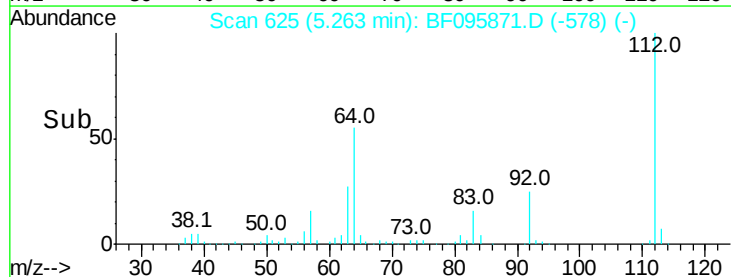
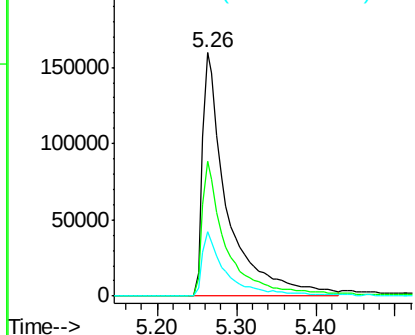
#5

2-Fluorophenol
Concen: 93.94 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095871.D
Acq: 11 Jun 2017 5:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	26.5	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: 100.43 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Instrument :

BNA_F

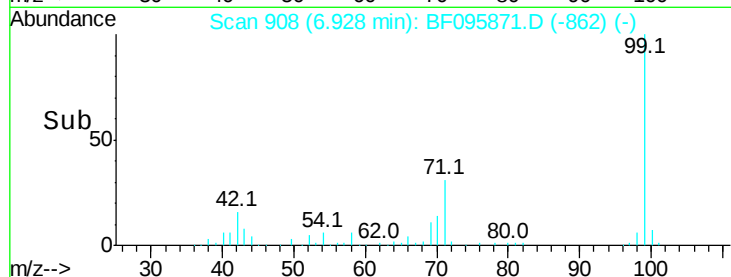
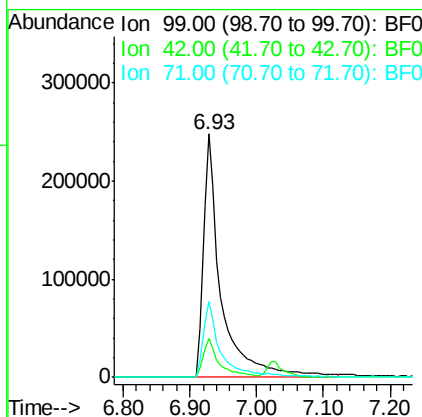
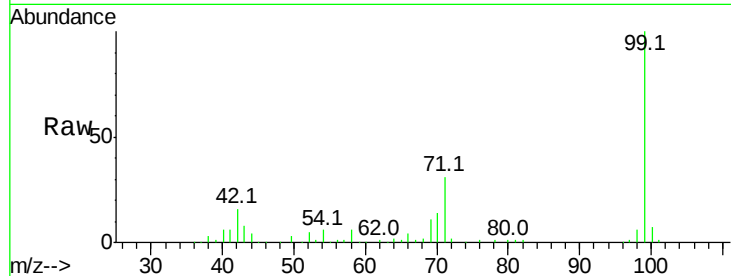
ClientSampleId :

E2-Q11-ESW

Tot Ion:	99	Resp:	450202
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

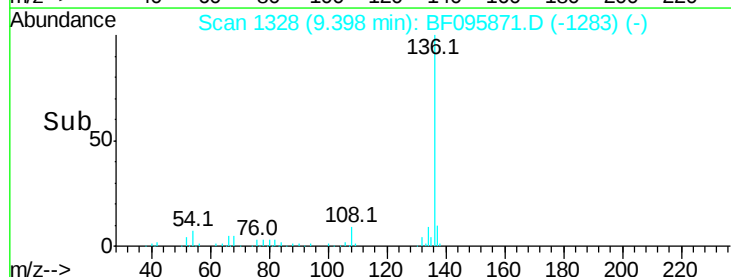
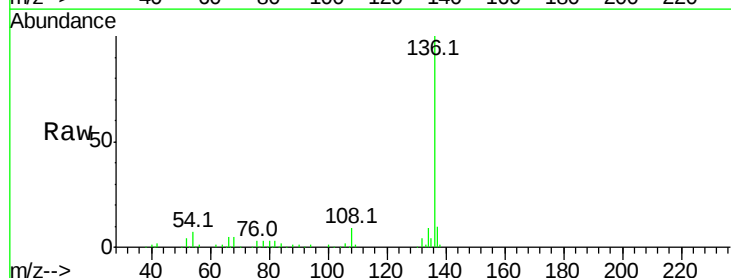
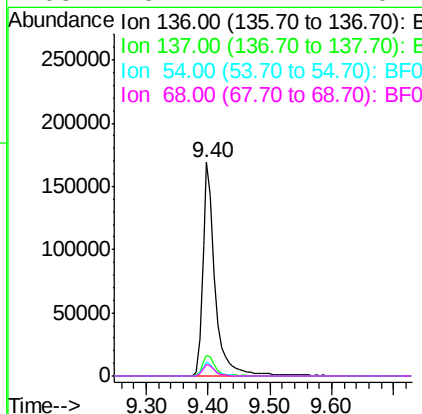
RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Tgt Ion:	136	Resp:	236766
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1





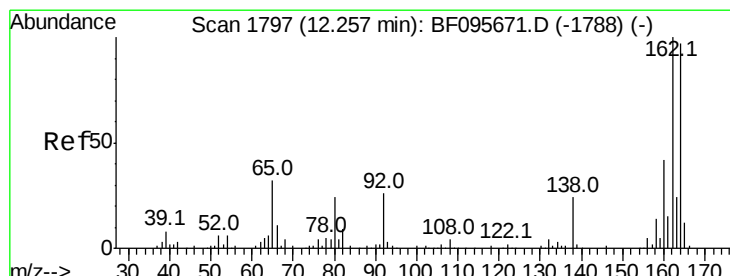
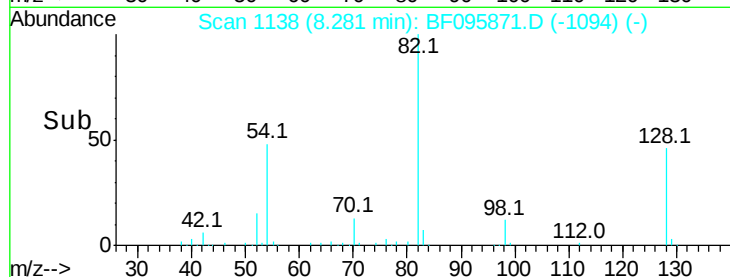
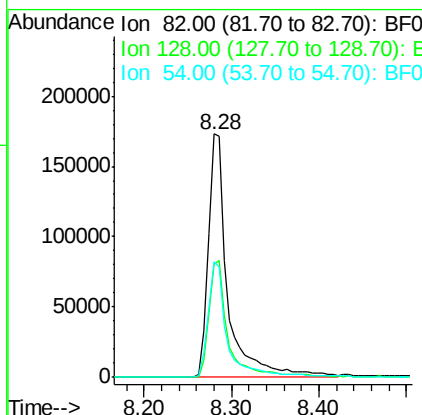
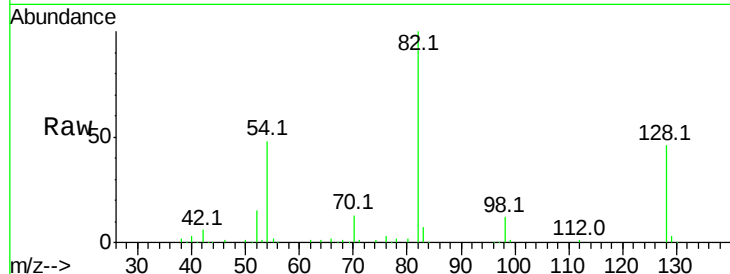
#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095871.D
 Acq: 11 Jun 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	47.5	42.2	63.2

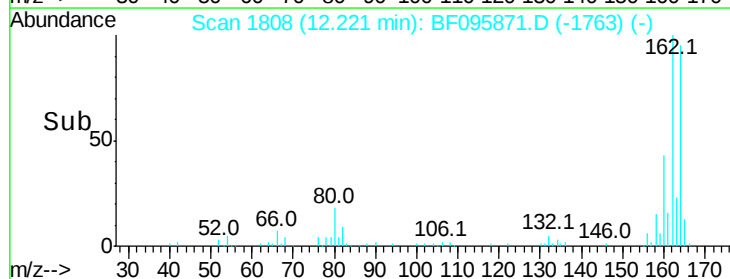
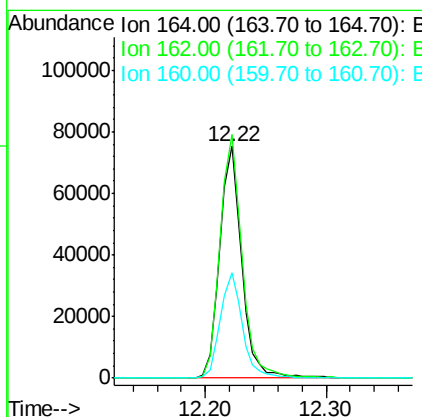
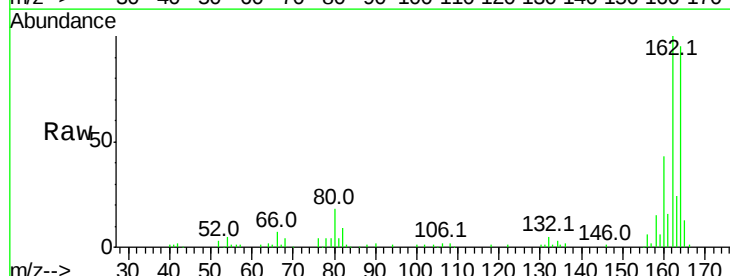
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095871.D
 Acq: 11 Jun 2017 5:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.4	36.2	54.2





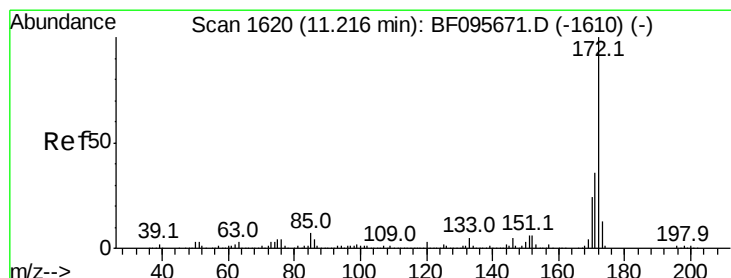
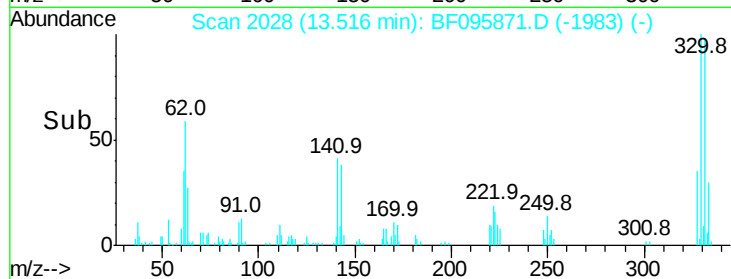
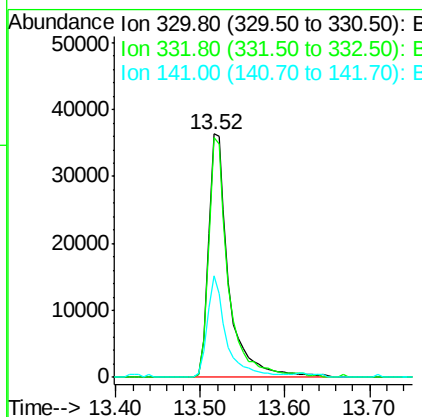
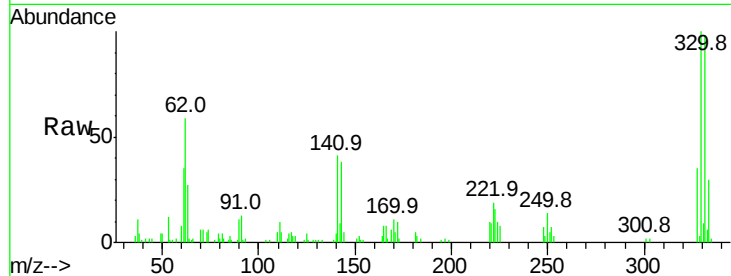
#41
 2,4,6-Tribromophenol
 Concen: 73.35 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095871.D
 Acq: 11 Jun 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	61241		
332	96.4	76.6	115.0	
141	39.1	31.4	47.2	

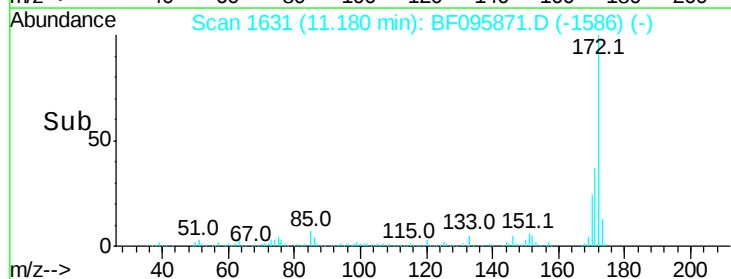
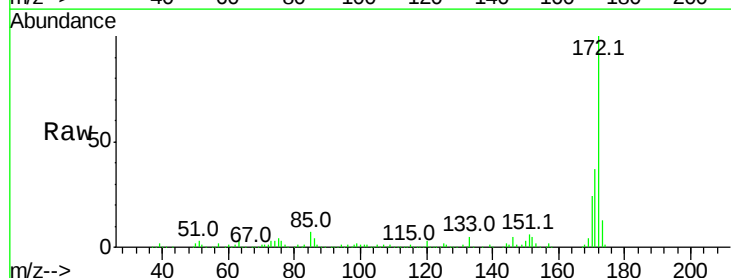
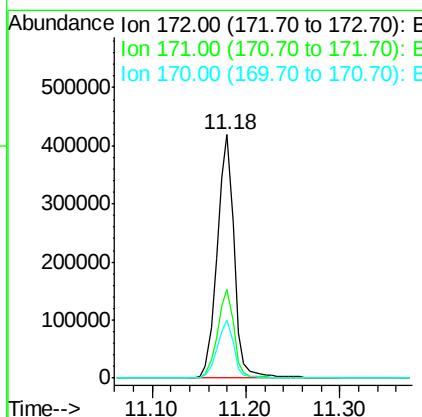
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#44
 2-Fluorobiphenyl
 Concen: 78.48 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095871.D
 Acq: 11 Jun 2017 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	532184		
171	36.6	29.6	44.4	
170	23.7	19.8	29.8	





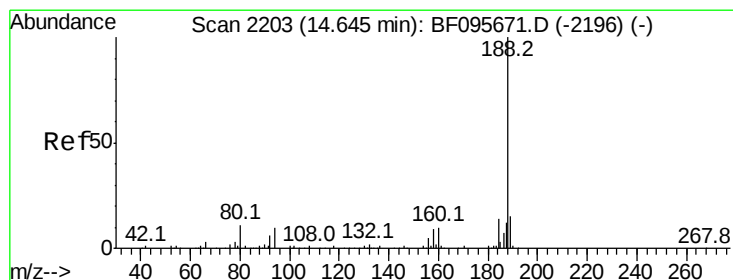
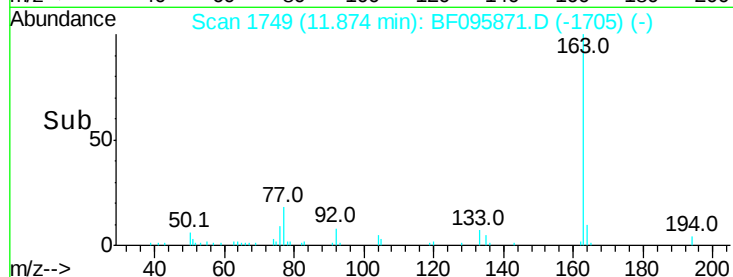
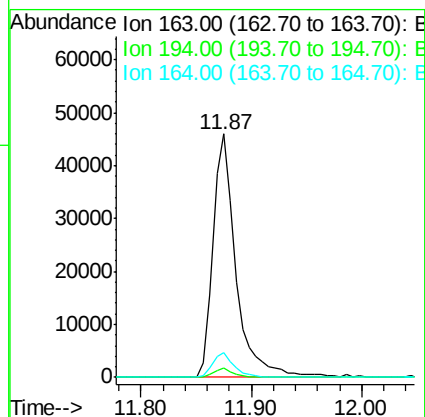
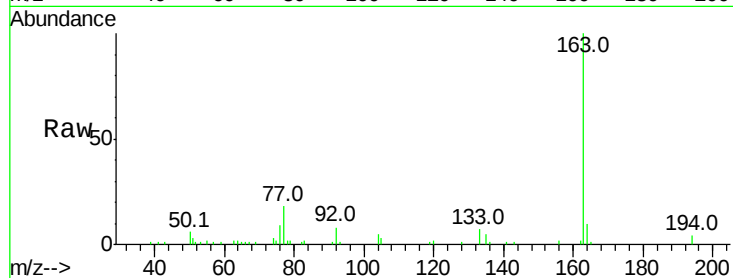
#49
Dimethylphthalate
Concen: 9.13 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095871.D
Acq: 11 Jun 2017 5:17

Instrument :
BNA_F
ClientSampleId :
E2-Q11-ESW

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	10.2	8.4	12.6

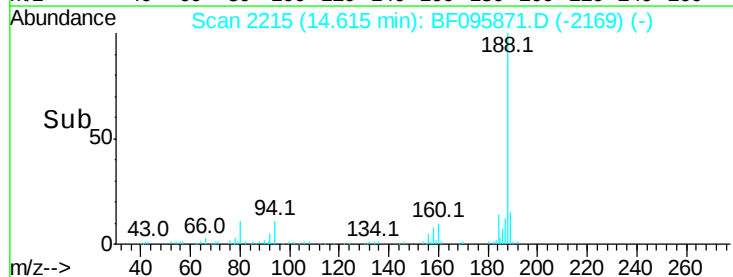
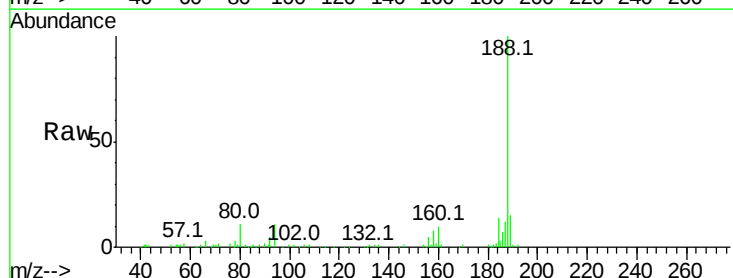
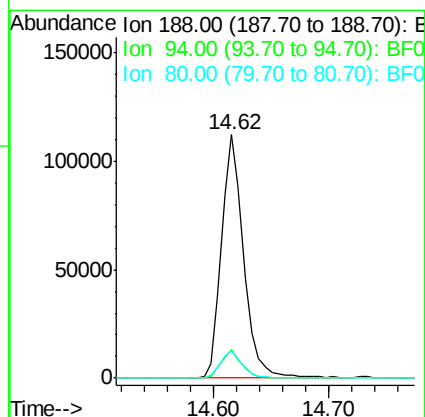
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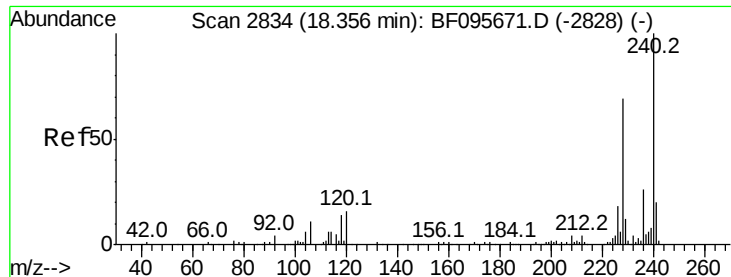
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095871.D
Acq: 11 Jun 2017 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.2	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Instrument :

BNA_F

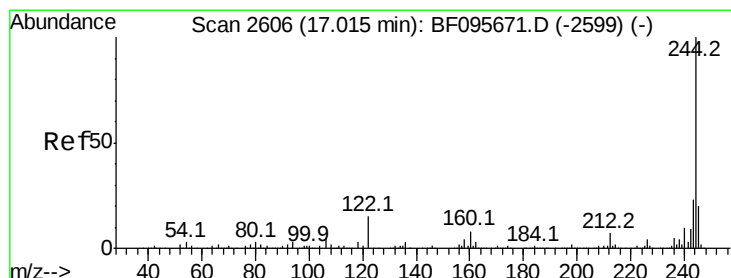
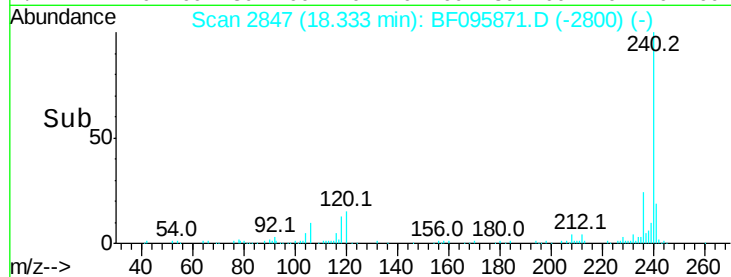
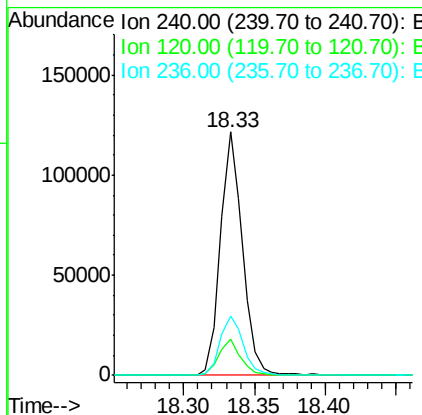
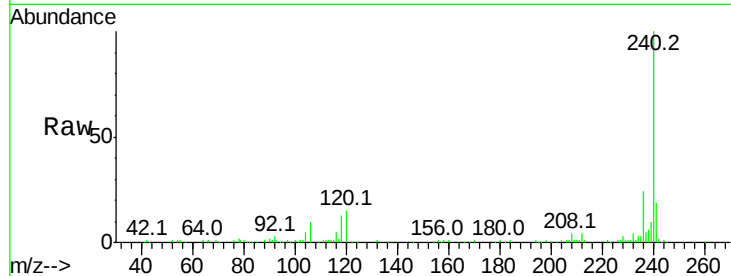
ClientSampleId :

E2-Q11-ESW

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	24.5	20.5	30.7

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#78

Terphenyl-d14

Concen: 67.09 ng

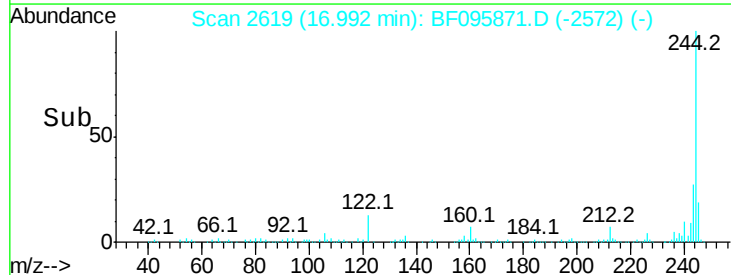
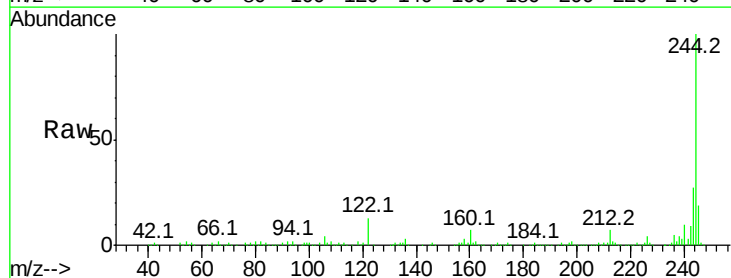
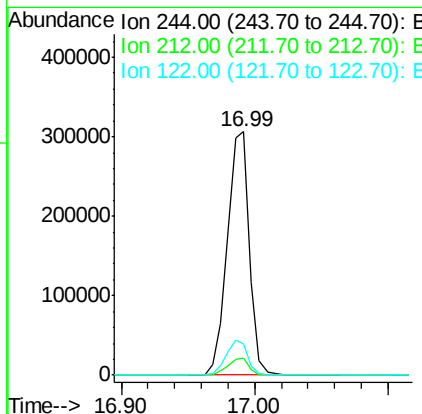
RT: 16.99 min Scan# 2619

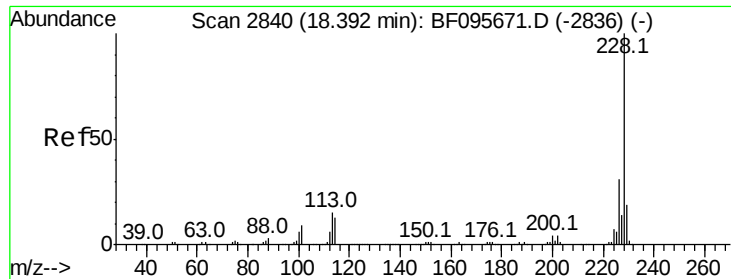
Delta R.T. -0.02 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.8	10.3	15.5





#82

Chrysene

Concen: 2.23 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Instrument :

BNA_F

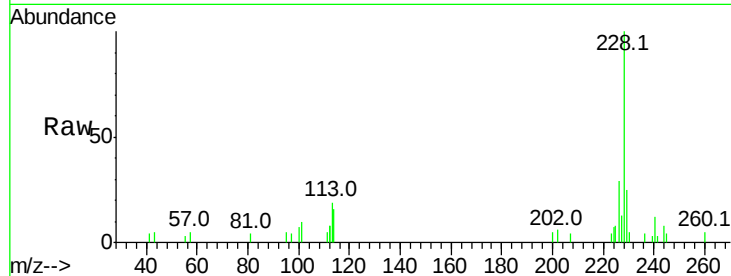
ClientSampleId :

E2-Q11-ESW

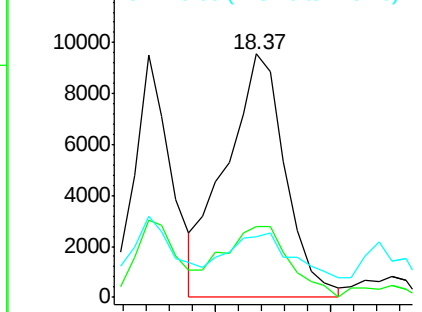
Tot Ion:	228	Resp:	17155
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.9	37.3
229	24.9	15.8	23.6#

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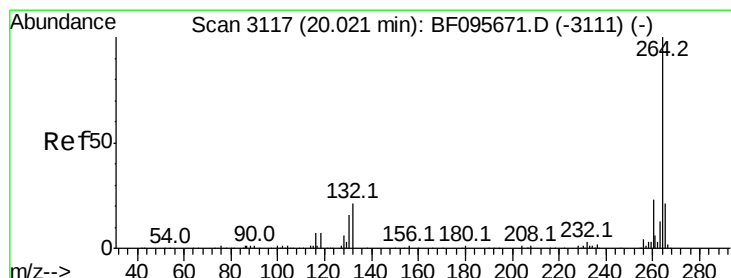
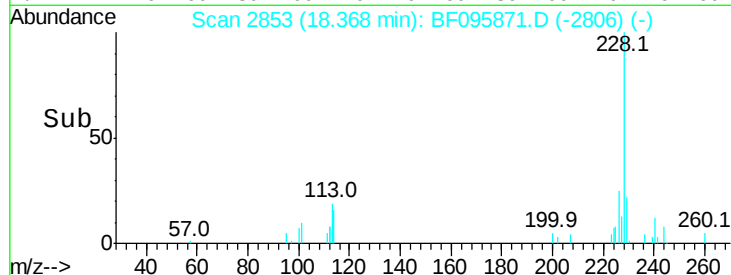
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

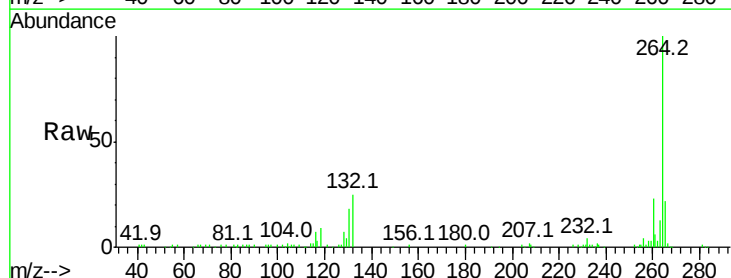
RT: 20.00 min Scan# 3131

Delta R.T. -0.02 min

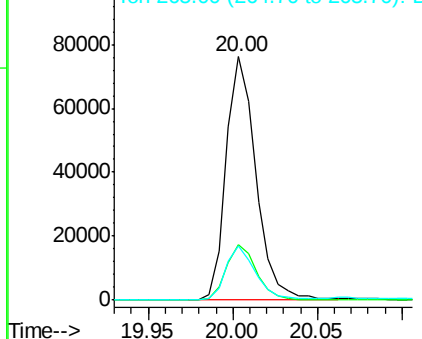
Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

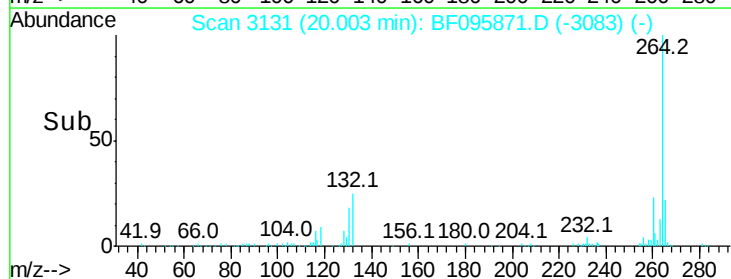
Tgt Ion:	264	Resp:	93439
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	22.2	17.2	25.8

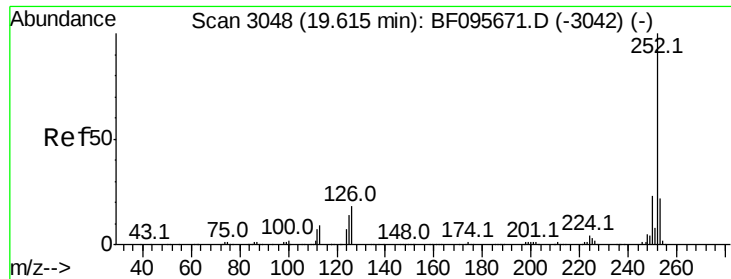


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 2.27 ng

RT: 19.61 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Instrument :

BNA_F

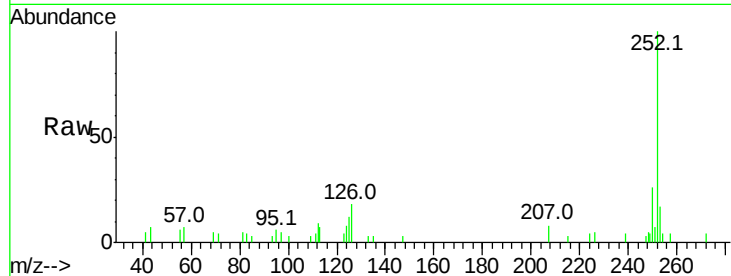
ClientSampled :

E2-Q11-ESW

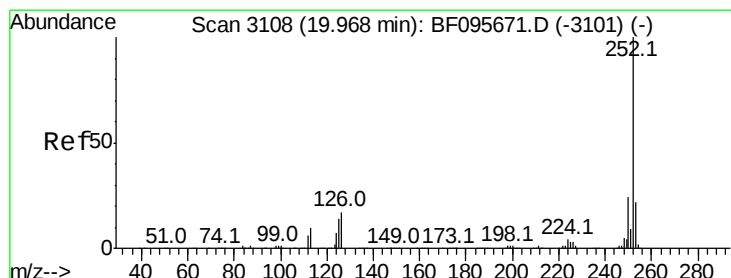
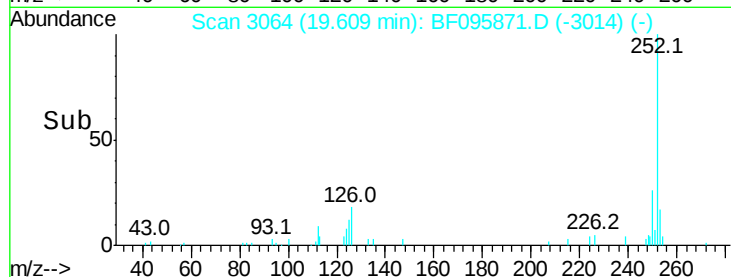
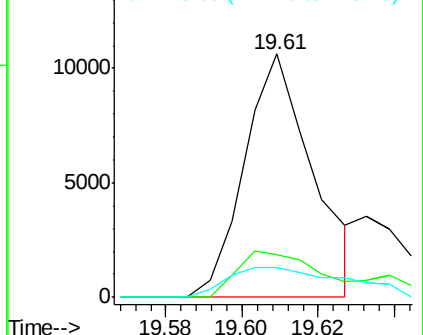
Tot Ion:	252	Resp:	13253
Ion Ratio	Lower	Upper	
252	100		
253	17.4	18.1	27.1#
125	12.3	9.8	14.8

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 2.28 ng

RT: 19.95 min Scan# 3122

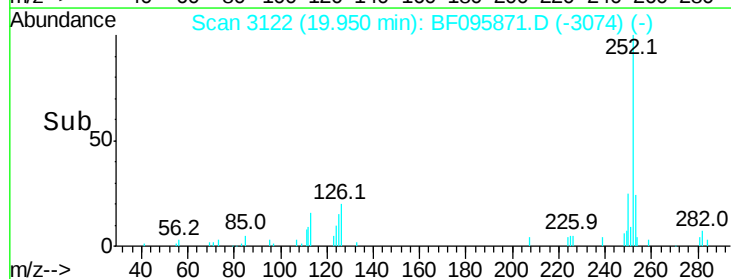
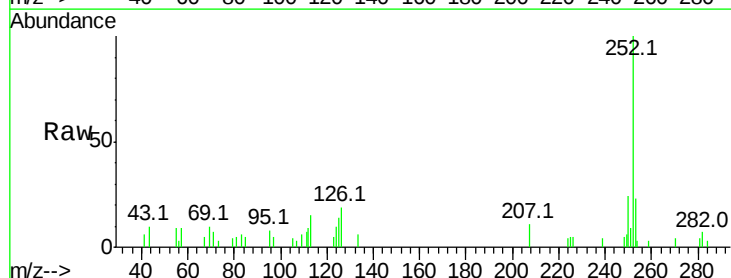
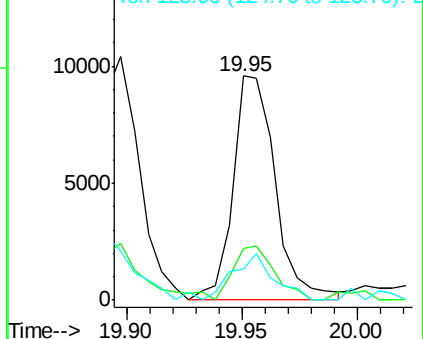
Delta R.T. -0.02 min

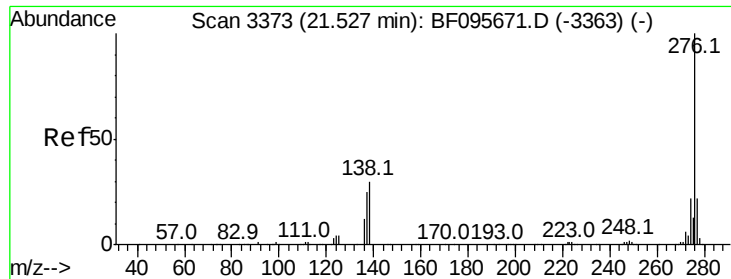
Lab File: BF095871.D

Acq: 11 Jun 2017 5:17

Tgt Ion:	252	Resp:	12242
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	14.2	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





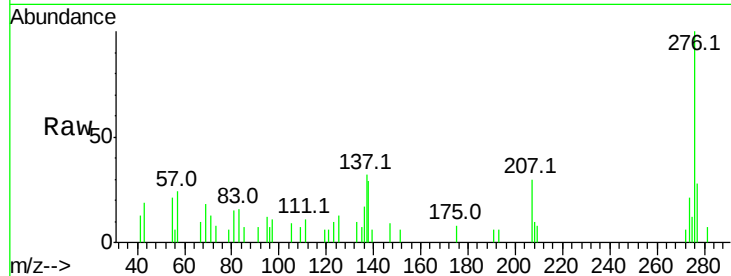
#91
 Benzo(a,h,i)perylene
 Concen: 2.22 ng
 RT: 21.53 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: BF095871.D
 Acq: 11 Jun 2017 5:17

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.6	28.0#
138	28.5	25.4	38.0

Manual Integrations
 APPROVED

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

