

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095208.D
 Acq On : 18 May 2017 3:38
 Operator : SJ/MA
 Sample : I3182-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Manual Integrations
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Quant Time: May 18 07:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	81759	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	320419	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	114035	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	193717	20.00	ng	0.00
75) Chrysene-d12	18.69	240	187247	20.00	ng	0.00
86) Perylene-d12	20.37	264	143976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	72243	14.73	ng	0.04
7) Phenol-d6	7.35	99	87979	14.95	ng	0.04
23) Nitrobenzene-d5	8.68	82	48303	9.51	ng	0.00
41) 2,4,6-Tribromophenol	13.93	330	12973	13.89	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	105015	13.25	ng	0.00
78) Terphenyl-d14	17.34	244	85400	10.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.26	163	19616	2.10	ng	Qvalue # 92
70) Phenanthrene	15.06	178	72513	6.51	ng	99
71) Anthracene	15.15	178	26598	2.34	ng	97
74) Fluoranthene	16.80	202	284667	24.93	ng	99
77) Pyrene	17.11	202	271783	19.41	ng	98
80) Benzo(a)anthracene	18.68	228	125595	11.52	ng	99
82) Chrysene	18.72	228	123403	11.71	ng	97
85) Indeno(1,2,3-cd)pyrene	21.71	276	40251	4.70	ng	93
87) Benzo(b)fluoranthene	19.97	252	103974m	11.69	ng	
88) Benzo(k)fluoranthene	19.99	252	50429m	5.88	ng	
89) Benzo(a)pyrene	20.32	252	89580	10.91	ng	97
91) Benzo(a,h,i)perylene	22.10	276	38430	5.78	ng	97

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

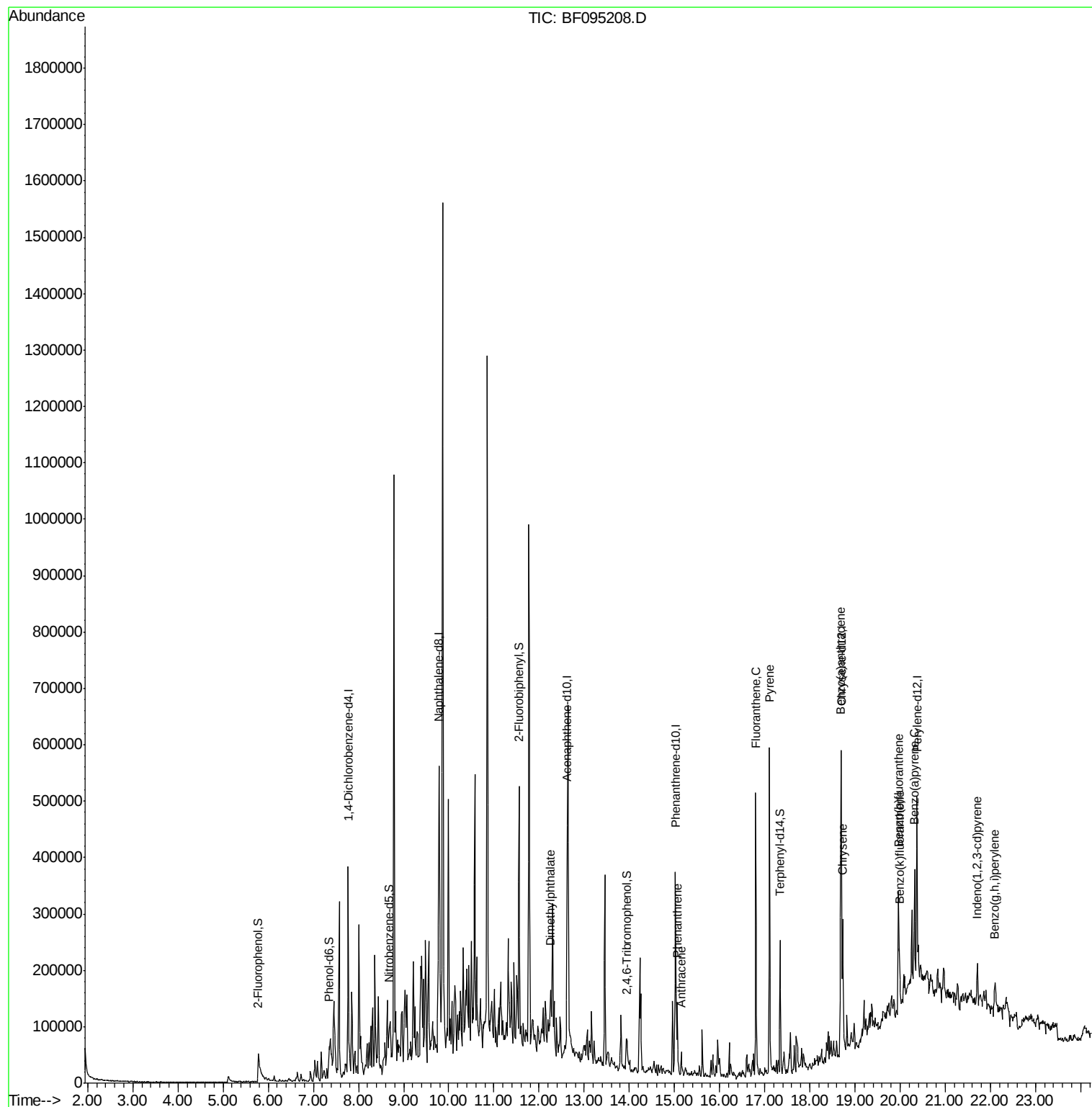
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095208.D
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Operator : SJ/MA
Sample : I3182-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

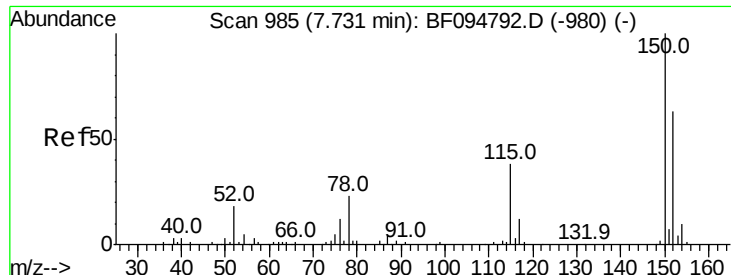
Instrument :
BNA_F
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VNJ-204-228-ETGI-275

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Quant Time: May 18 07:21:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

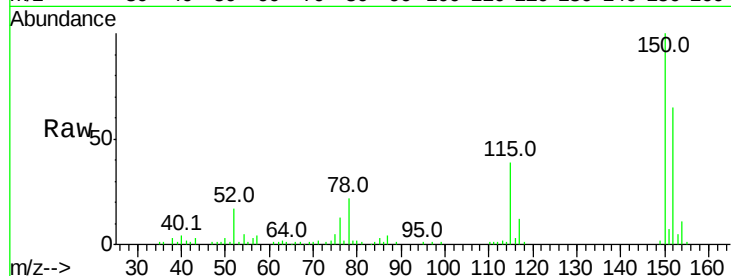
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

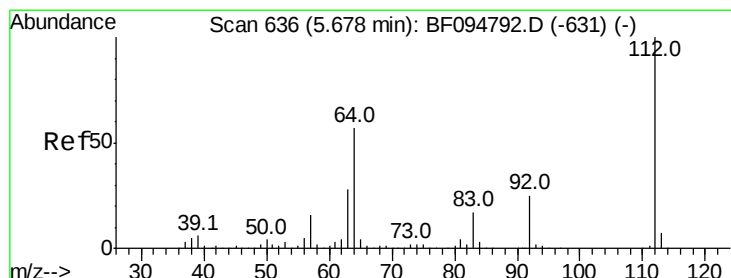
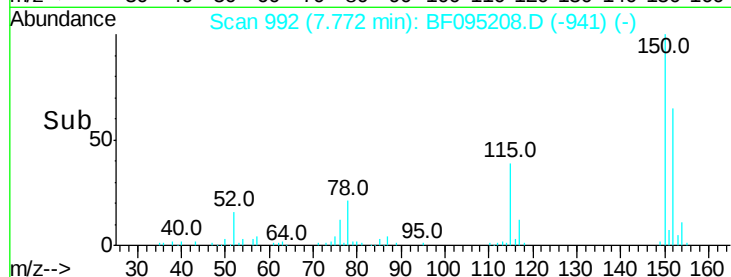
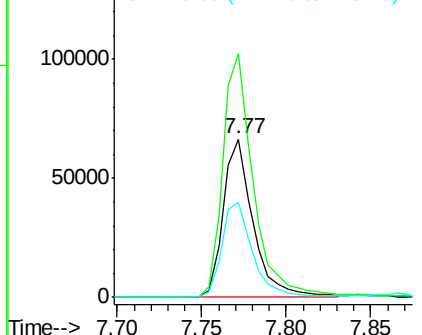
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	59.8	52.2	78.2

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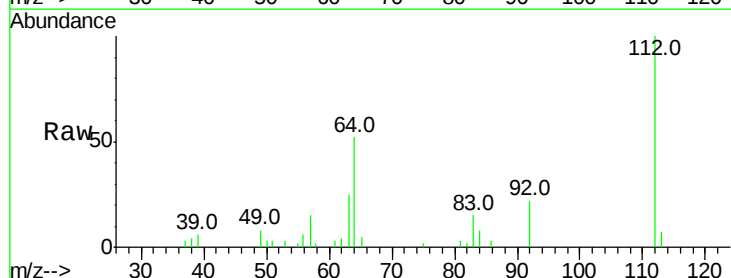
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



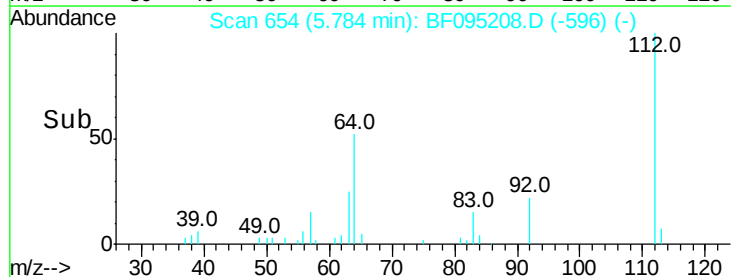
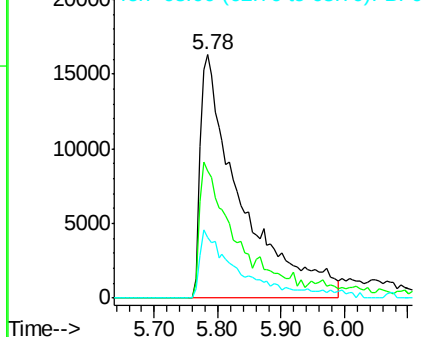
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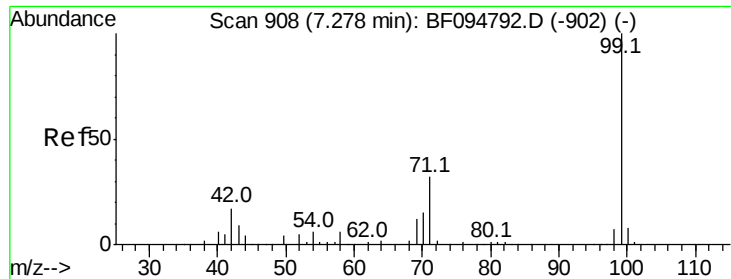
2-Fluorophenol
Concen: 14.73 ng
RT: 5.78 min Scan# 654
Delta R.T. 0.04 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.0	69.0
63	24.8	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: 14.95 ng

RT: 7.35 min Scan# 920

Delta R.T. 0.04 min

Lab File: BF095208.D

Acq: 18 May 2017 3:38

Instrument :

BNA_F

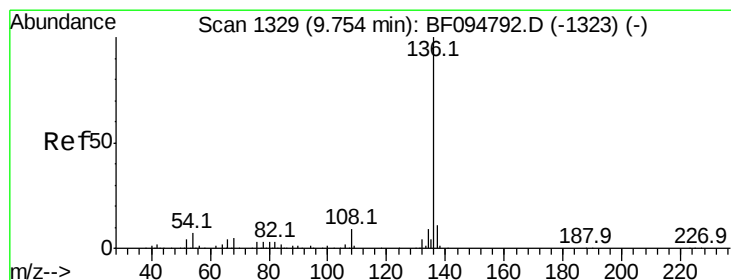
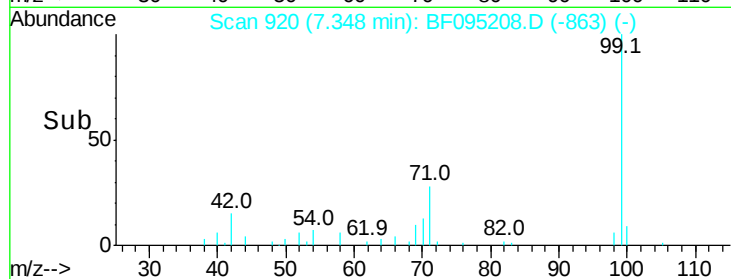
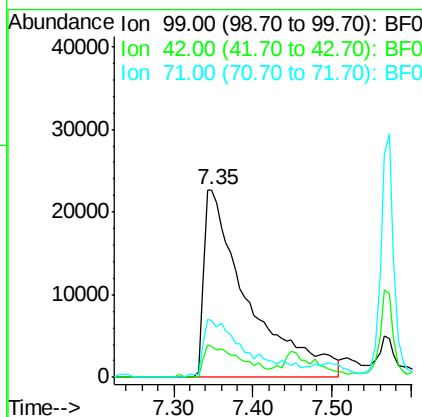
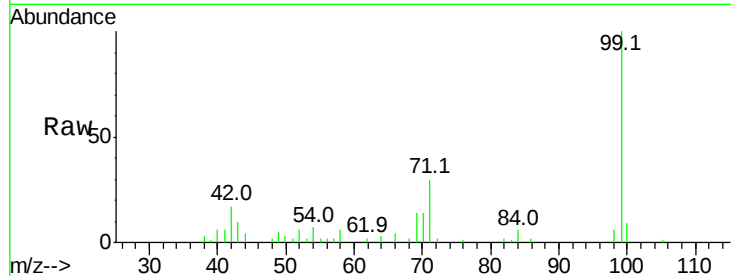
ClientSampleId :

VNJ-204-228-ETGI-275

Tot Ion:	99	Resp:	87979
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.5	20.3
71	30.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

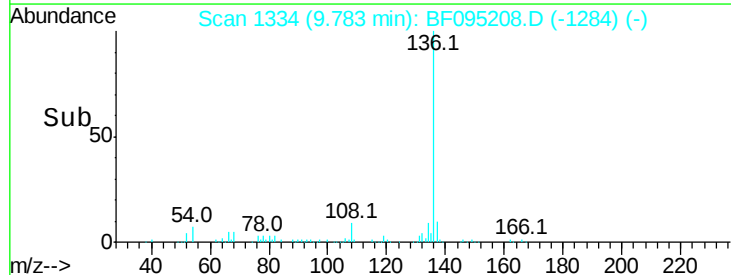
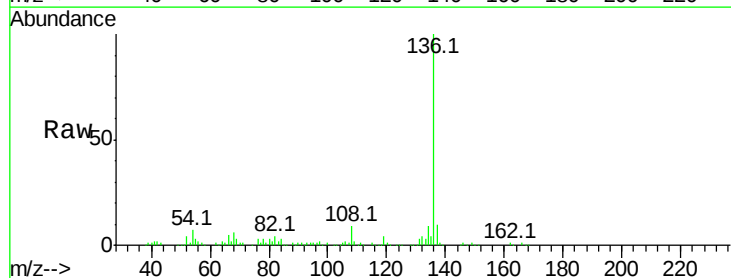
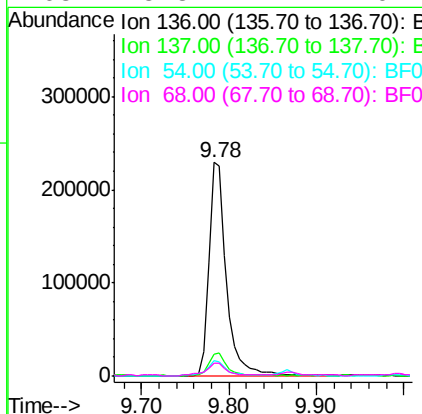
RT: 9.78 min Scan# 1334

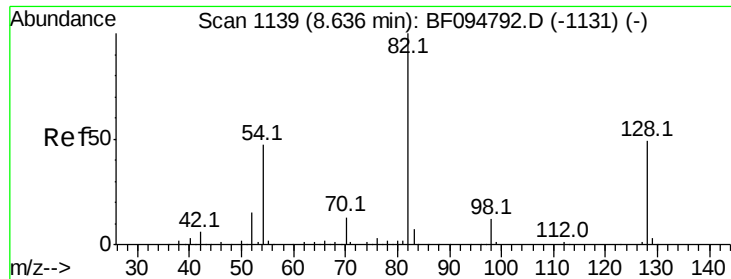
Delta R.T. -0.01 min

Lab File: BF095208.D

Acq: 18 May 2017 3:38

Tgt Ion:	136	Resp:	320419
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1





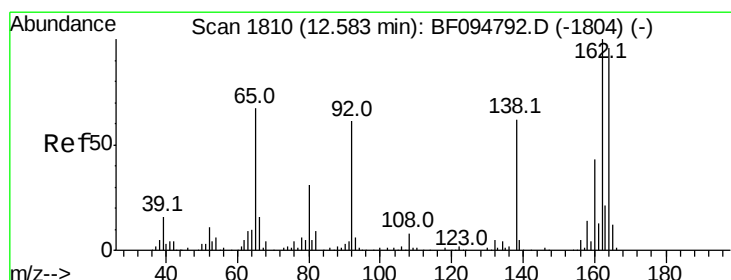
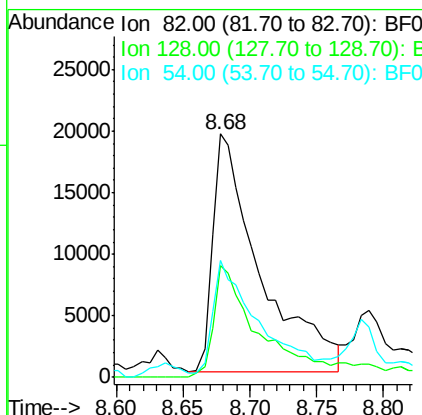
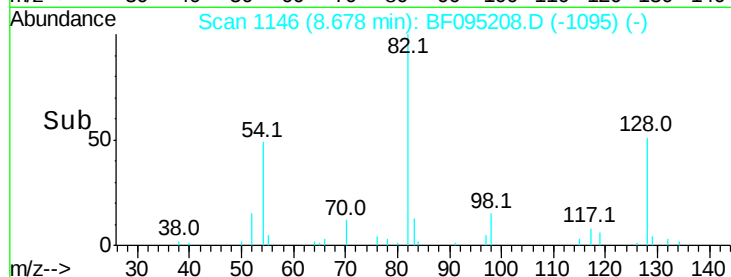
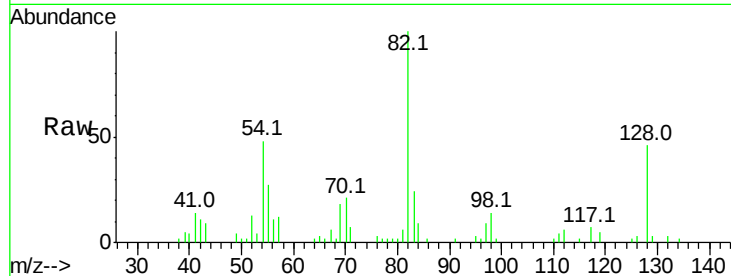
#23
 Nitrobenzene-d5
 Concen: 9.51 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	47.9	42.2	63.2

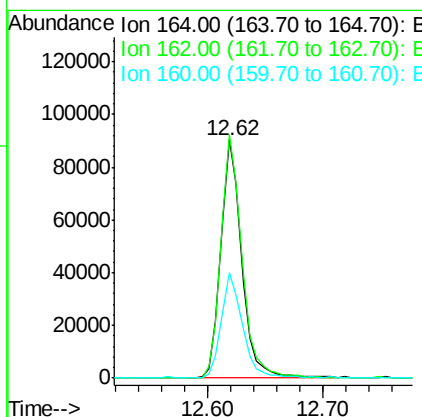
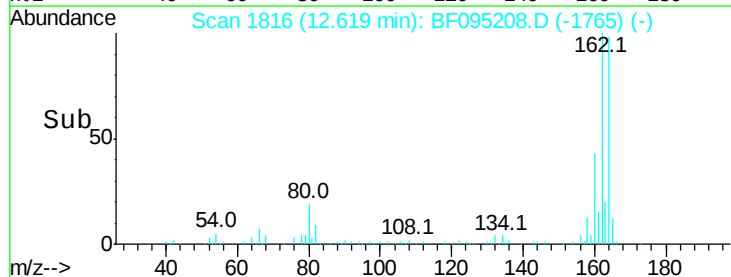
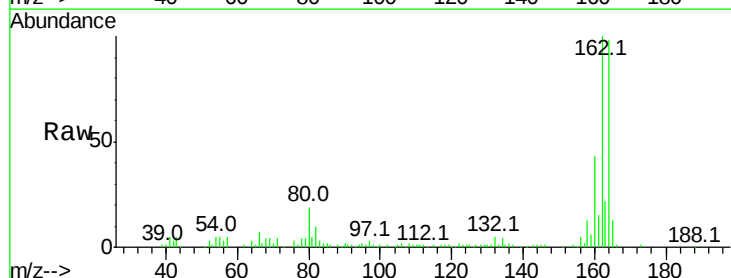
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.5	36.2	54.2





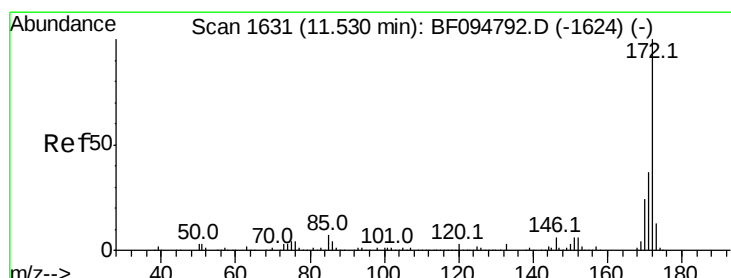
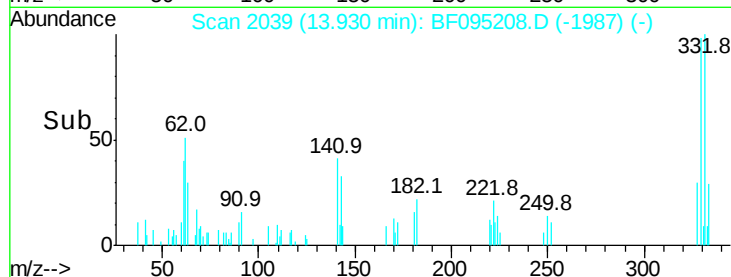
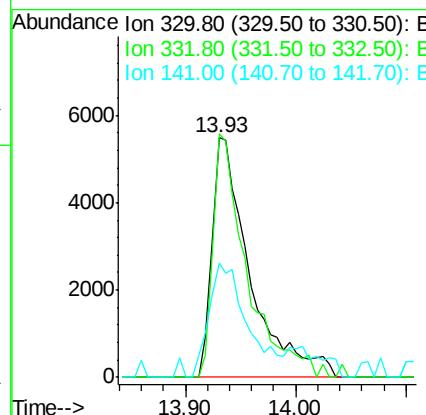
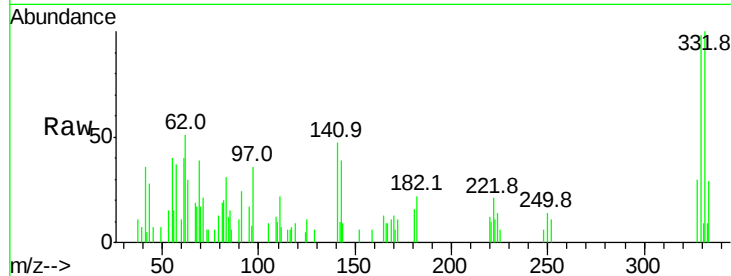
#41
 2,4,6-Tribromophenol
 Concen: 13.89 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Tot Ion	Ratio	Resp	Lower	Upper
330	100	12973		
332	91.0	76.6	115.0	
141	48.8	31.4	47.2#	

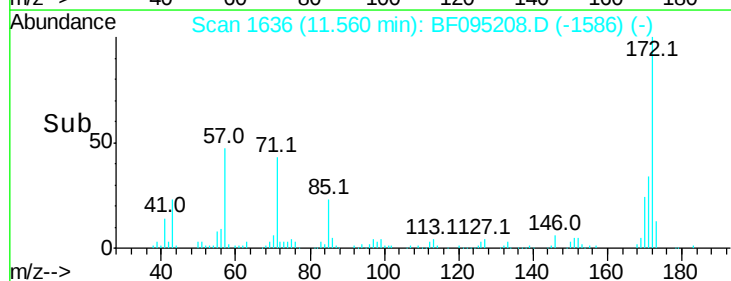
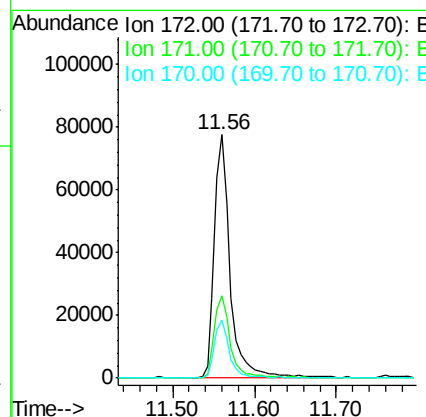
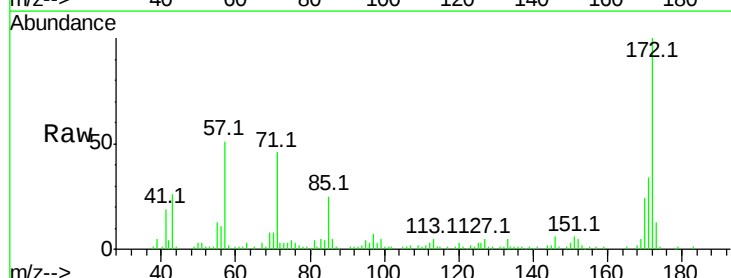
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#44
 2-Fluorobiphenyl
 Concen: 13.25 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	105015		
171	34.0	29.6	44.4	
170	23.9	19.8	29.8	





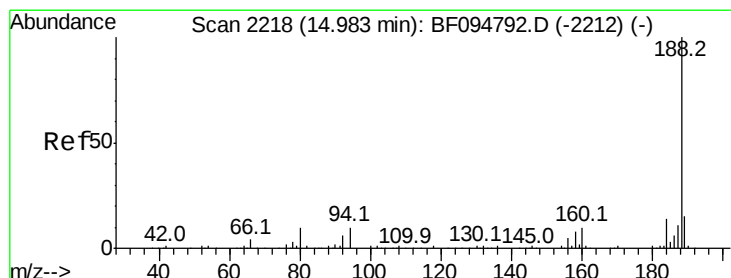
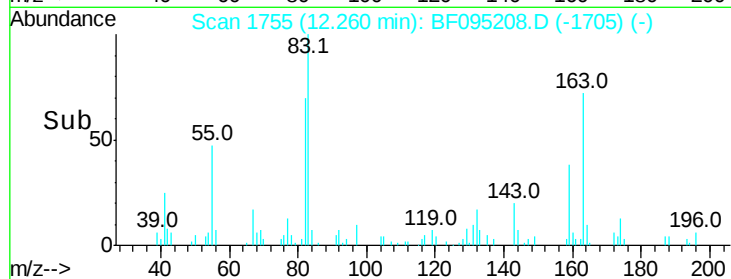
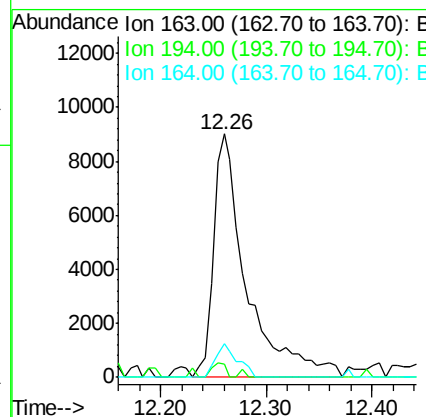
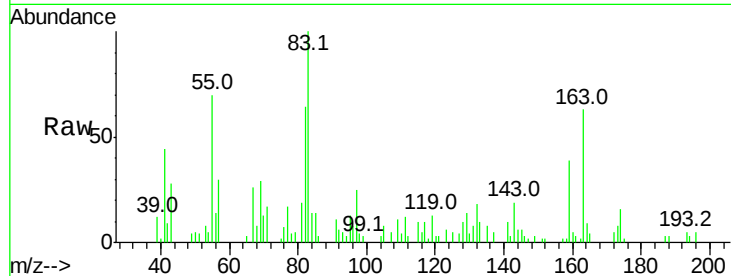
#49
Dimethylphthalate
Concen: 2.10 ng
RT: 12.26 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.5	2.6	4.0#	
164	13.7	8.4	12.6#	

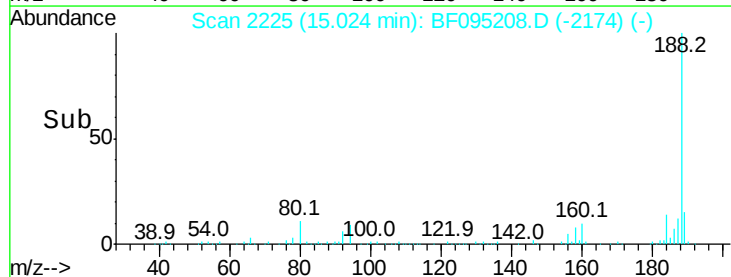
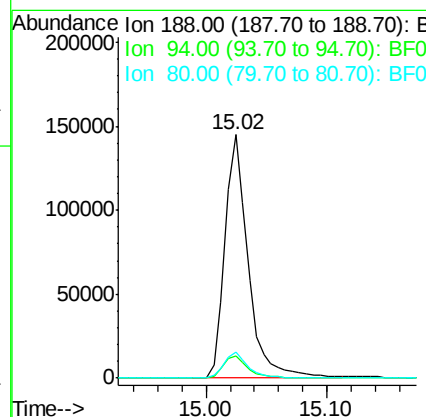
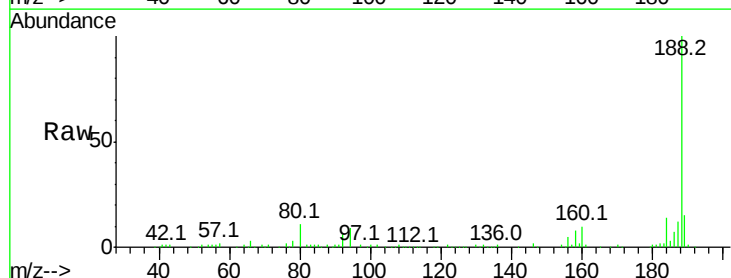
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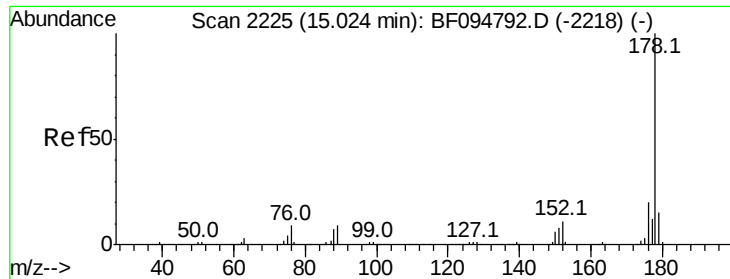
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	9.4	14.2#	
80	10.7	10.2	15.2	





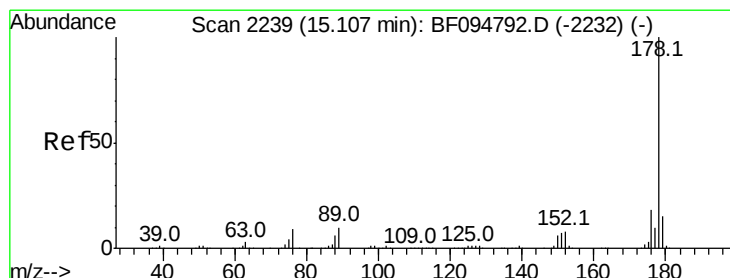
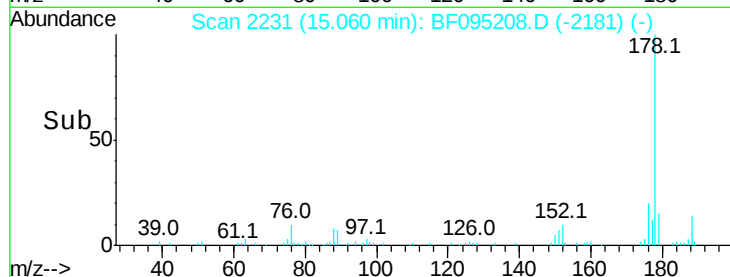
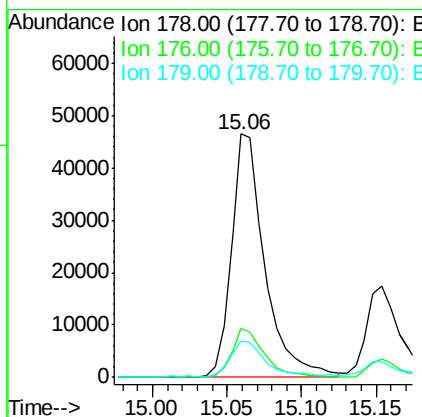
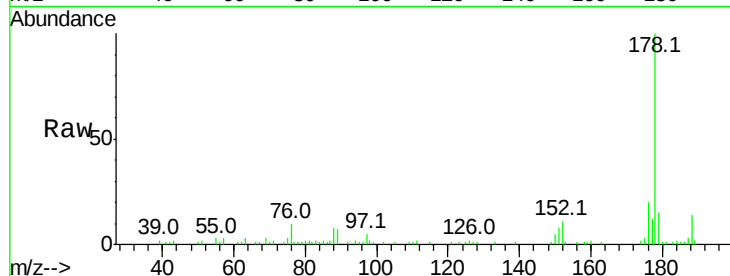
#70
Phenanthrene
Concen: 6.51 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	14.9	12.6	19.0

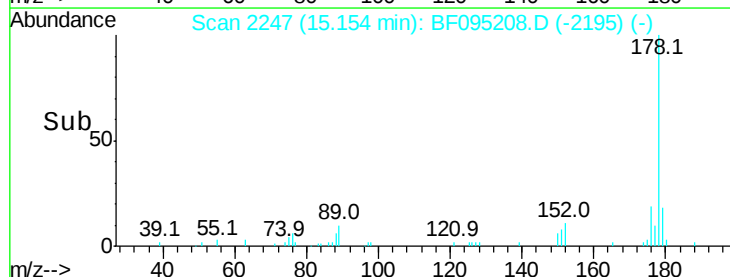
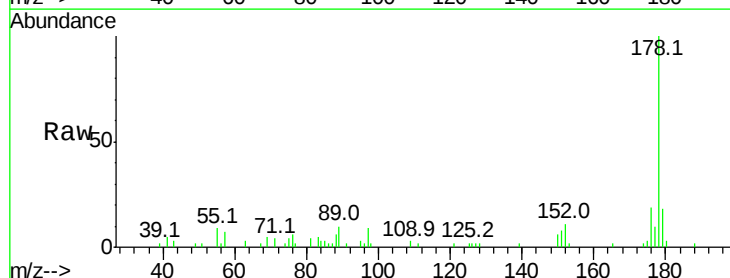
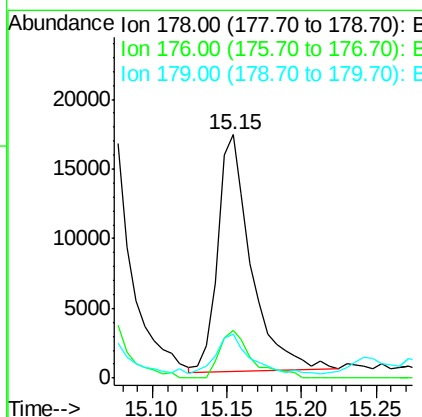
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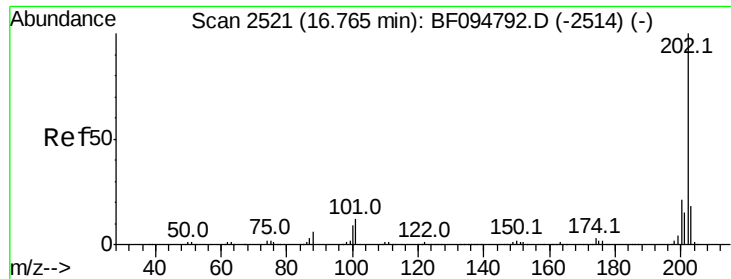
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#71
Anthracene
Concen: 2.34 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	17.8	12.7	19.1





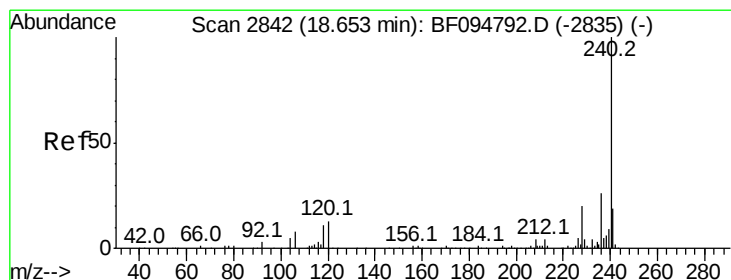
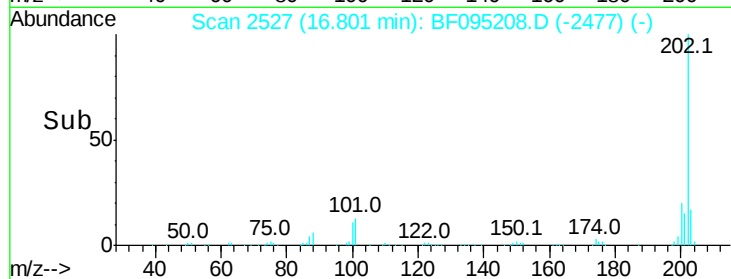
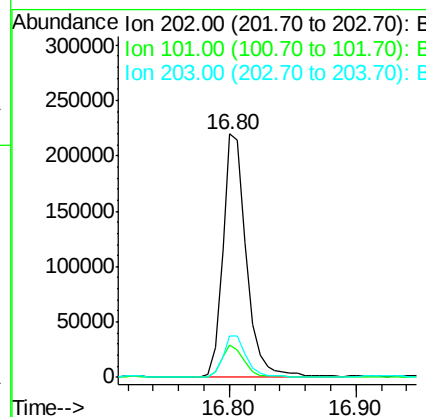
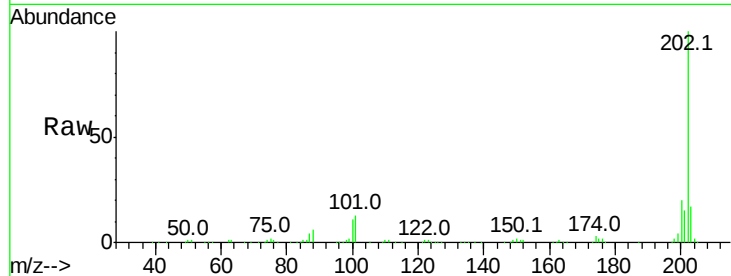
#74
Fluoranthene
 Concen: 24.93 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.1	0.0	38.1

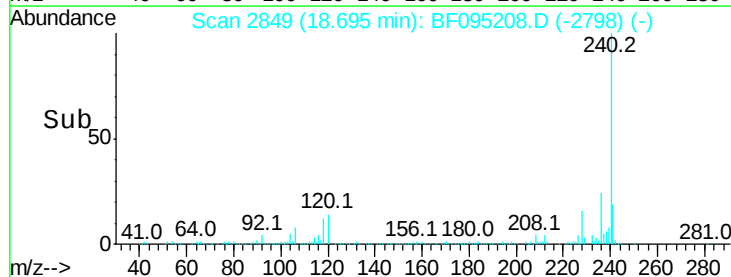
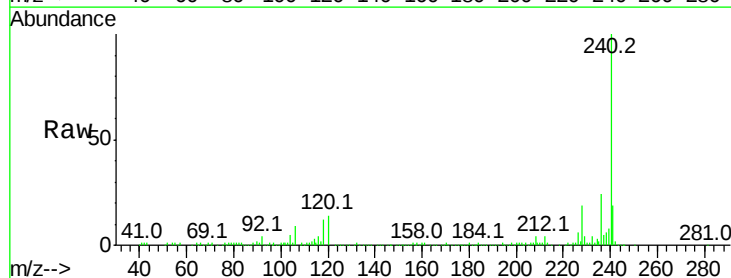
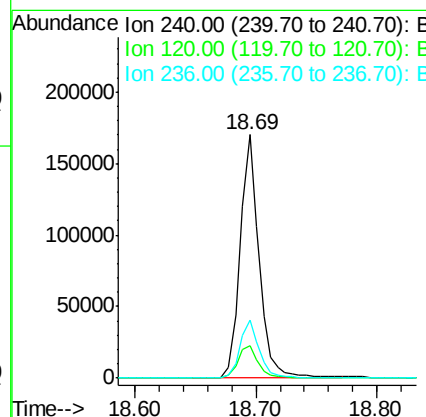
Manual Integrations
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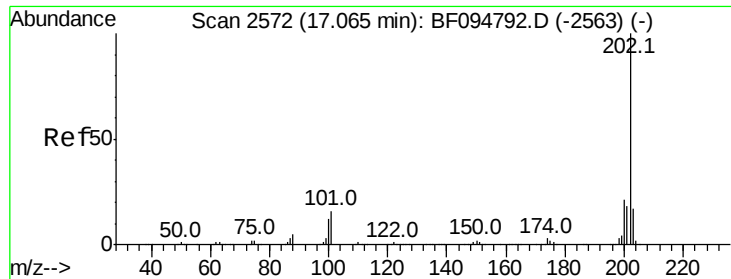
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	23.9	20.5	30.7





#77

Pvrene

Concen: 19.41 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BF095208.D

Acq: 18 May 2017 3:38

Instrument :

BNA_F

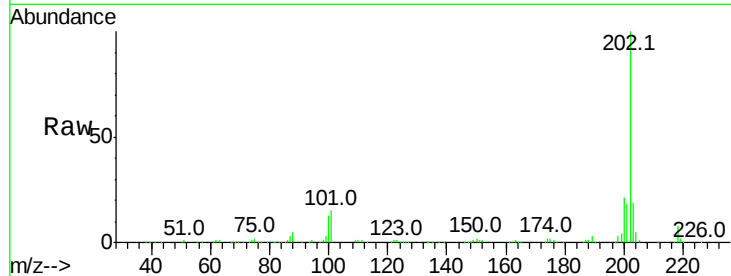
ClientSampleId :

VNJ-204-228-ETGI-275

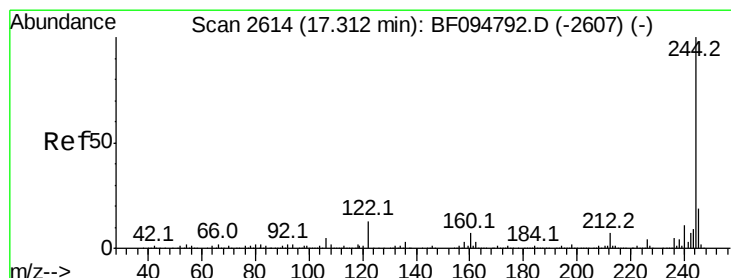
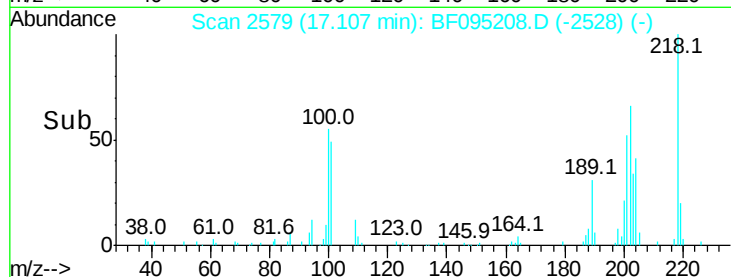
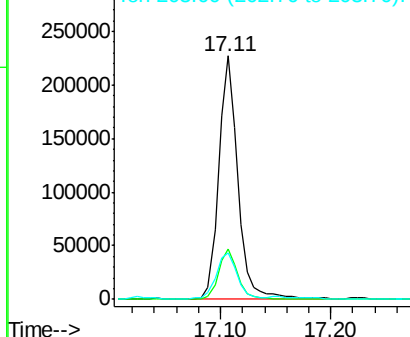
Tot Ion:	202	Resp:	271783
Ion Ratio		Lower	Upper
202	100		
200	20.8	17.6	26.4
203	19.1	14.4	21.6

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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: 10.05 ng

RT: 17.34 min Scan# 2619

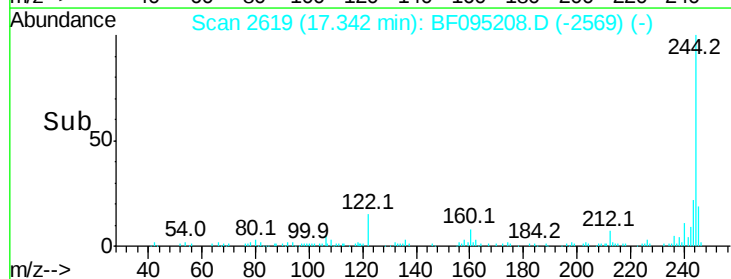
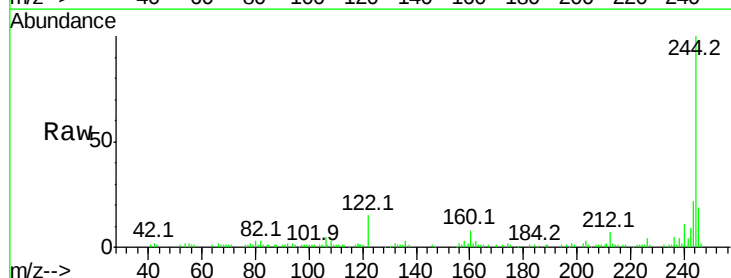
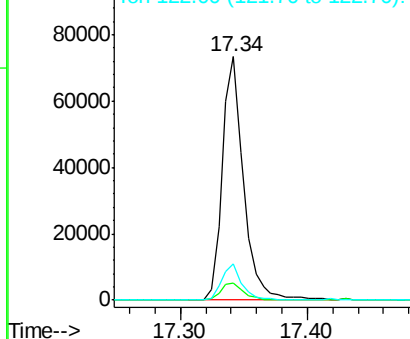
Delta R.T. -0.01 min

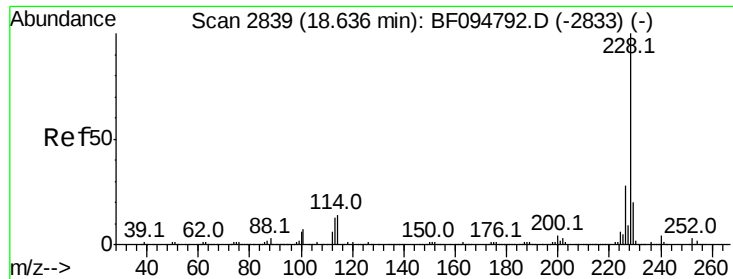
Lab File: BF095208.D

Acq: 18 May 2017 3:38

Tgt Ion:	244	Resp:	85400
Ion Ratio		Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





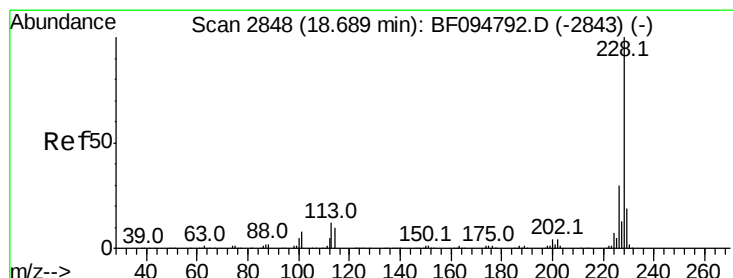
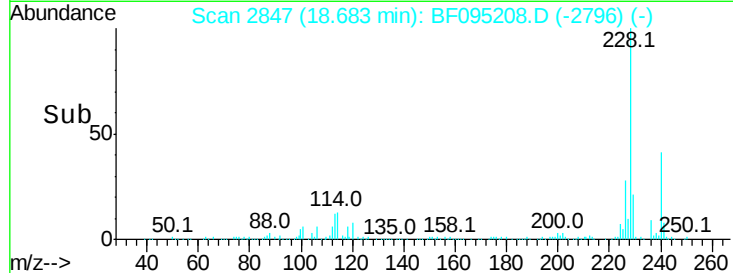
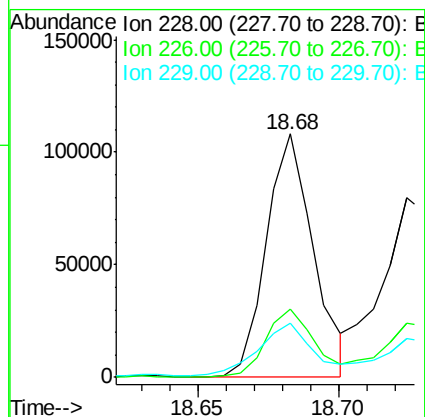
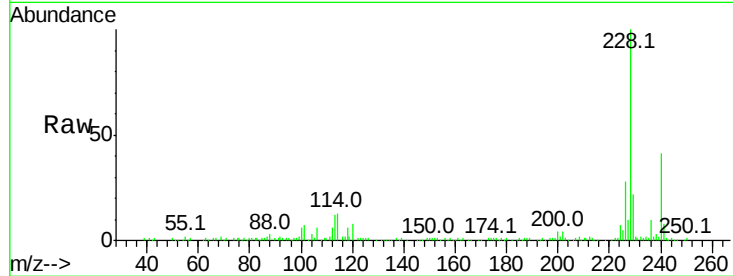
#80
Benzo(a)anthracene
Concen: 11.52 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.0	16.3	24.5

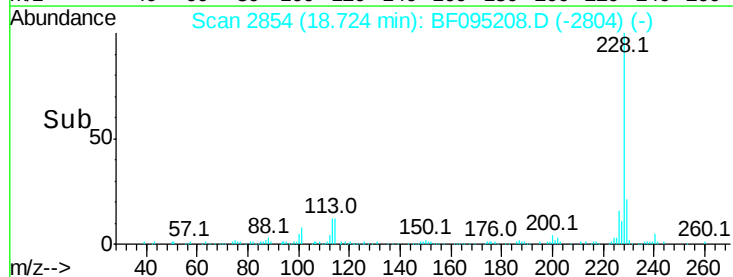
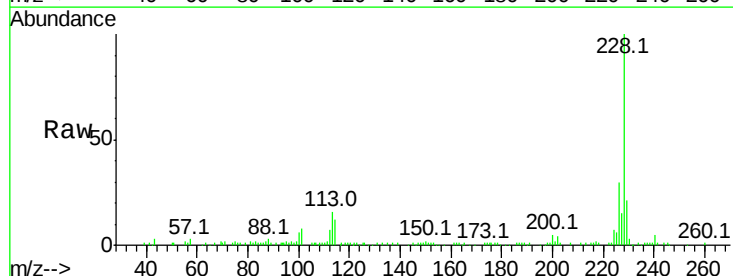
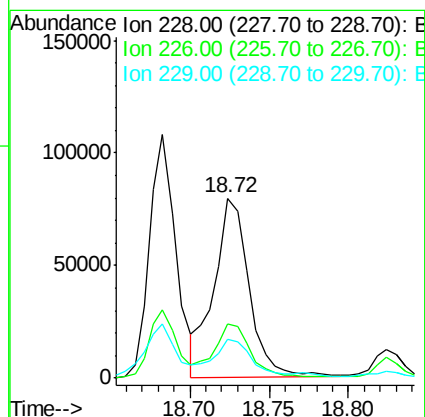
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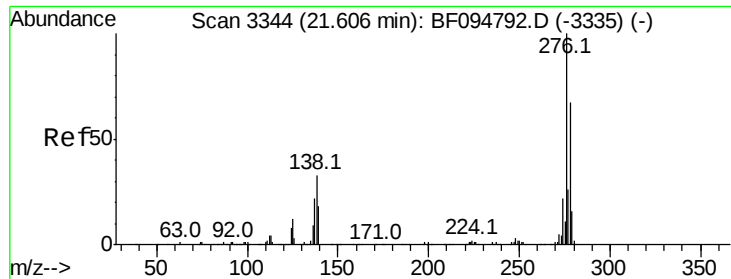
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#82
Chrysene
Concen: 11.71 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.4	15.8	23.6





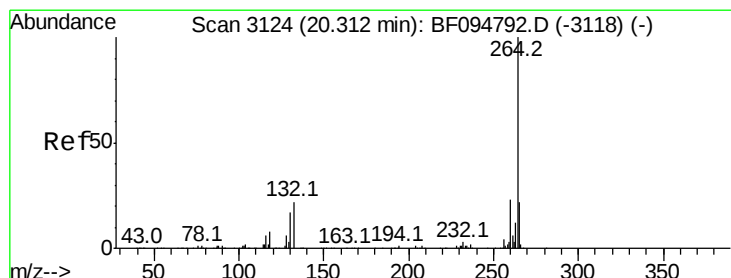
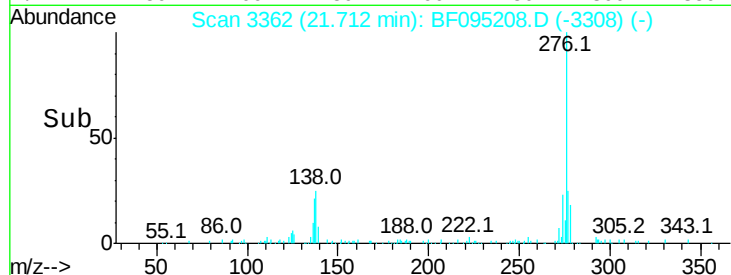
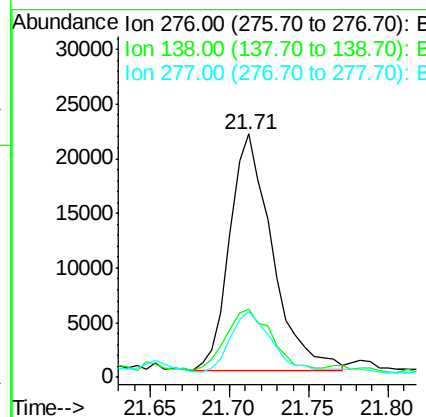
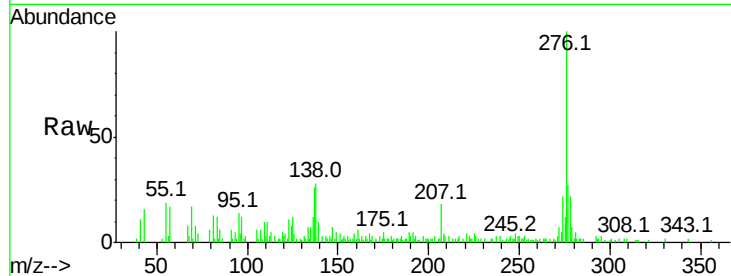
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.70 ng
 RT: 21.71 min Scan# 3362
 Delta R.T. 0.02 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-204-228-ETGI-275

Tot Ion:	276	Resp:	40251
Ion Ratio	Lower	Upper	
276	100		
138	29.0	27.8	41.6
277	24.0	20.2	30.4

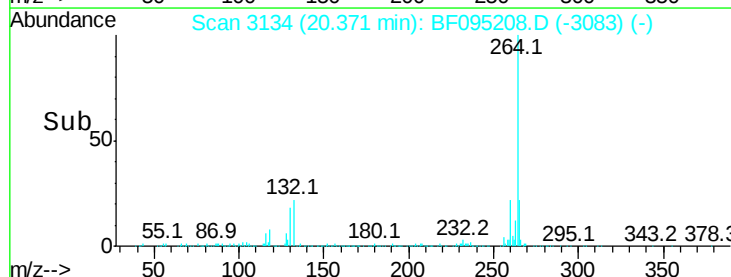
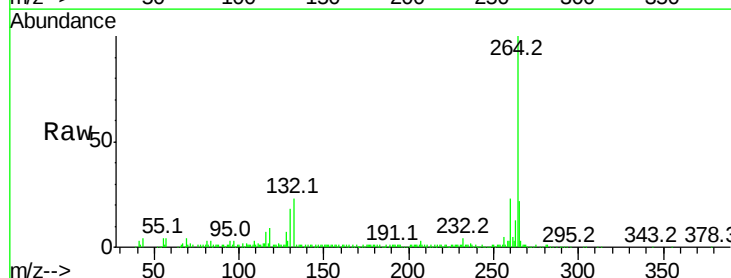
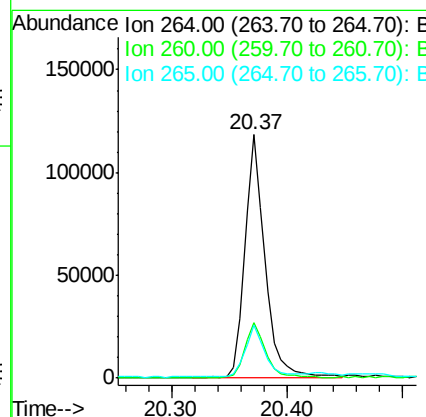
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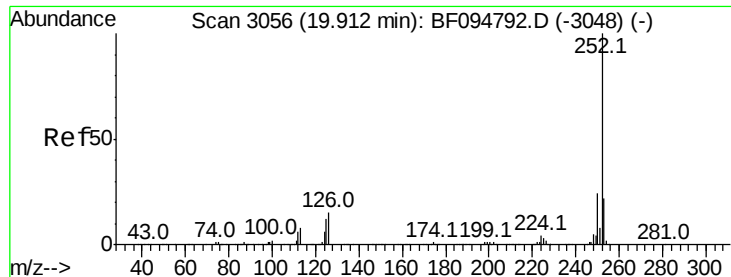
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BF095208.D
 Acq: 18 May 2017 3:38

Tgt Ion:	264	Resp:	143976
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 11.69 ng m

RT: 19.97 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BF095208.D

Acq: 18 May 2017 3:38

Instrument :

BNA_F

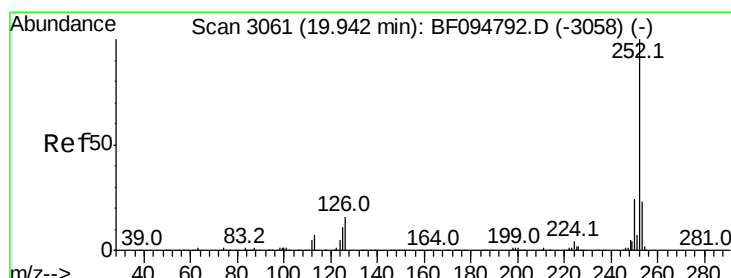
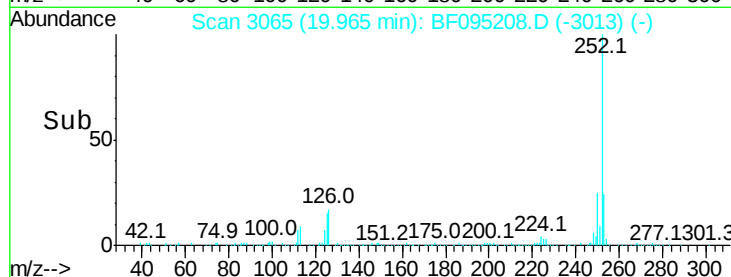
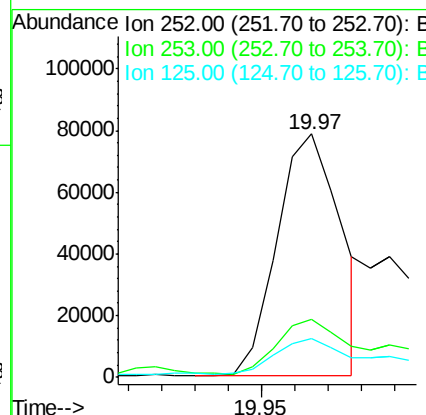
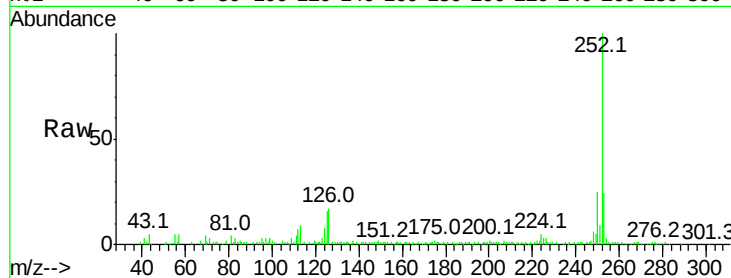
ClientSampleId :

VNJ-204-228-ETGI-275

Tot Ion:	252	Resp:	103974
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.1	27.1
125	15.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 5.88 ng m

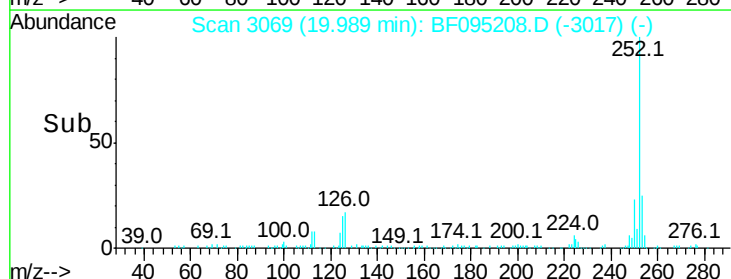
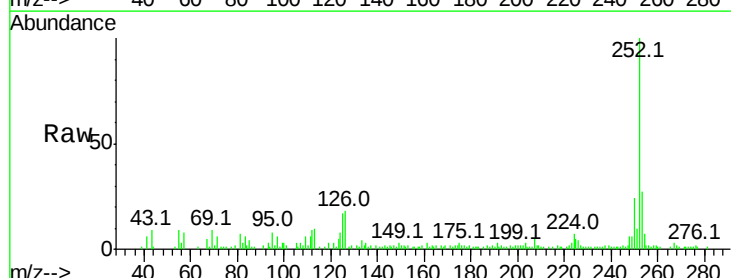
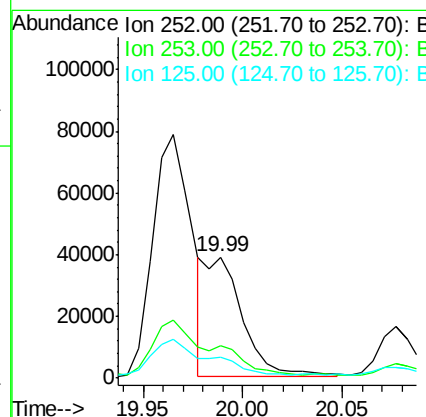
RT: 19.99 min Scan# 3069

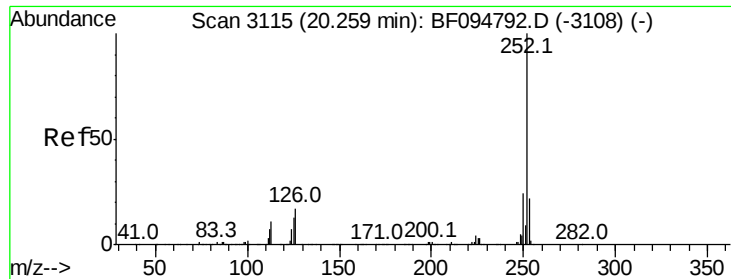
Delta R.T. 0.01 min

Lab File: BF095208.D

Acq: 18 May 2017 3:38

Tgt Ion:	252	Resp:	50429
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.4	27.6
125	16.9	13.1	19.7





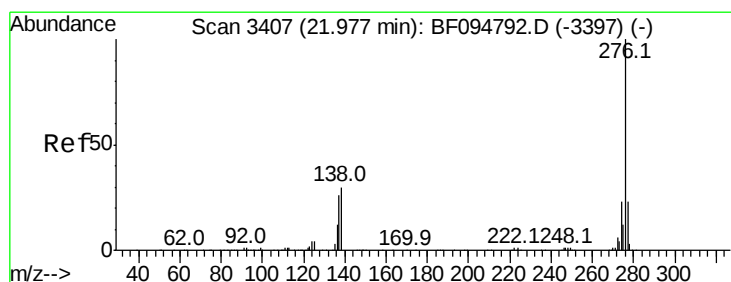
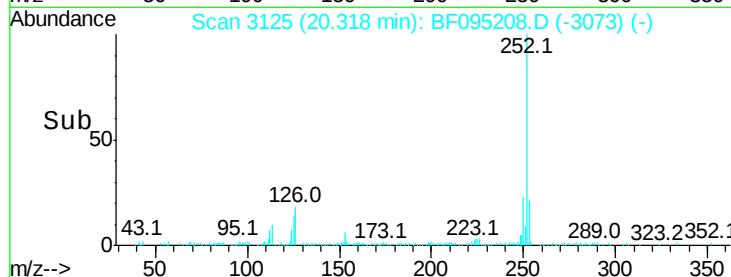
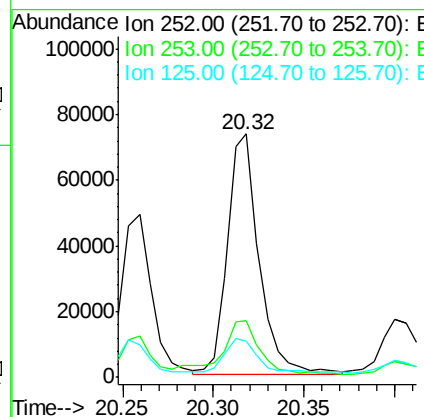
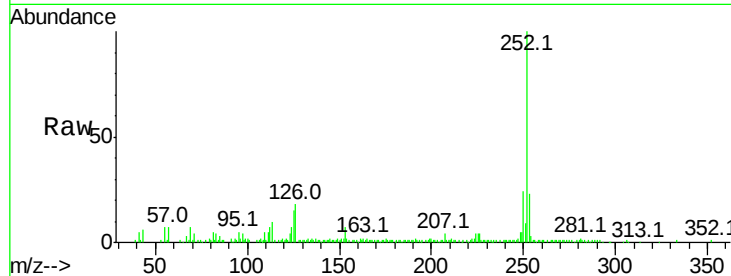
#89
Benzo(a)pyrene
Concen: 10.91 ng
RT: 20.32 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Instrument :
BNA_F
ClientSampleId :
VNJ-204-228-ETGI-275

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.9	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.78 ng
RT: 22.10 min Scan# 3428
Delta R.T. 0.02 min
Lab File: BF095208.D
Acq: 18 May 2017 3:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	34.1	25.4	38.0

