

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095167.D
 Acq On : 16 May 2017 21:02
 Operator : SJ/MA
 Sample : I3151-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-6-18

Manual Integrations
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Quant Time: May 17 13:20:39 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	102886	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	434334	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	179618	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	304530	20.00	ng	0.04
75) Chrysene-d12	18.69	240	193573	20.00	ng	0.04
86) Perylene-d12	20.36	264	167207	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	652766	105.78	ng	0.07
7) Phenol-d6	7.31	99	749225	101.19	ng	0.04
23) Nitrobenzene-d5	8.67	82	487694	70.81	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	144638	98.33	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	955387	76.56	ng	0.03
78) Terphenyl-d14	17.34	244	581781	66.20	ng	0.03
Target Compounds						
49) Dimethylphthalate	12.25	163	97429	6.61	ng	Qvalue # 99
70) Phenanthrene	15.06	178	237386	13.57	ng	98
71) Anthracene	15.15	178	50380	2.82	ng	95
74) Fluoranthene	16.80	202	281790	15.70	ng	99
77) Pyrene	17.10	202	280753	19.39	ng	96
80) Benzo(a)anthracene	18.68	228	104762	9.30	ng	97
82) Chrysene	18.72	228	103077	9.46	ng	96
85) Indeno(1,2,3-cd)pyrene	21.71	276	37572	4.25	ng	93
87) Benzo(b)fluoranthene	19.96	252	104324m	10.10	ng	
88) Benzo(k)fluoranthene	19.99	252	45083m	4.52	ng	
89) Benzo(a)pyrene	20.31	252	83254	8.73	ng	96
91) Benzo(a,h,i)perylene	22.09	276	39450	5.11	ng	97

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

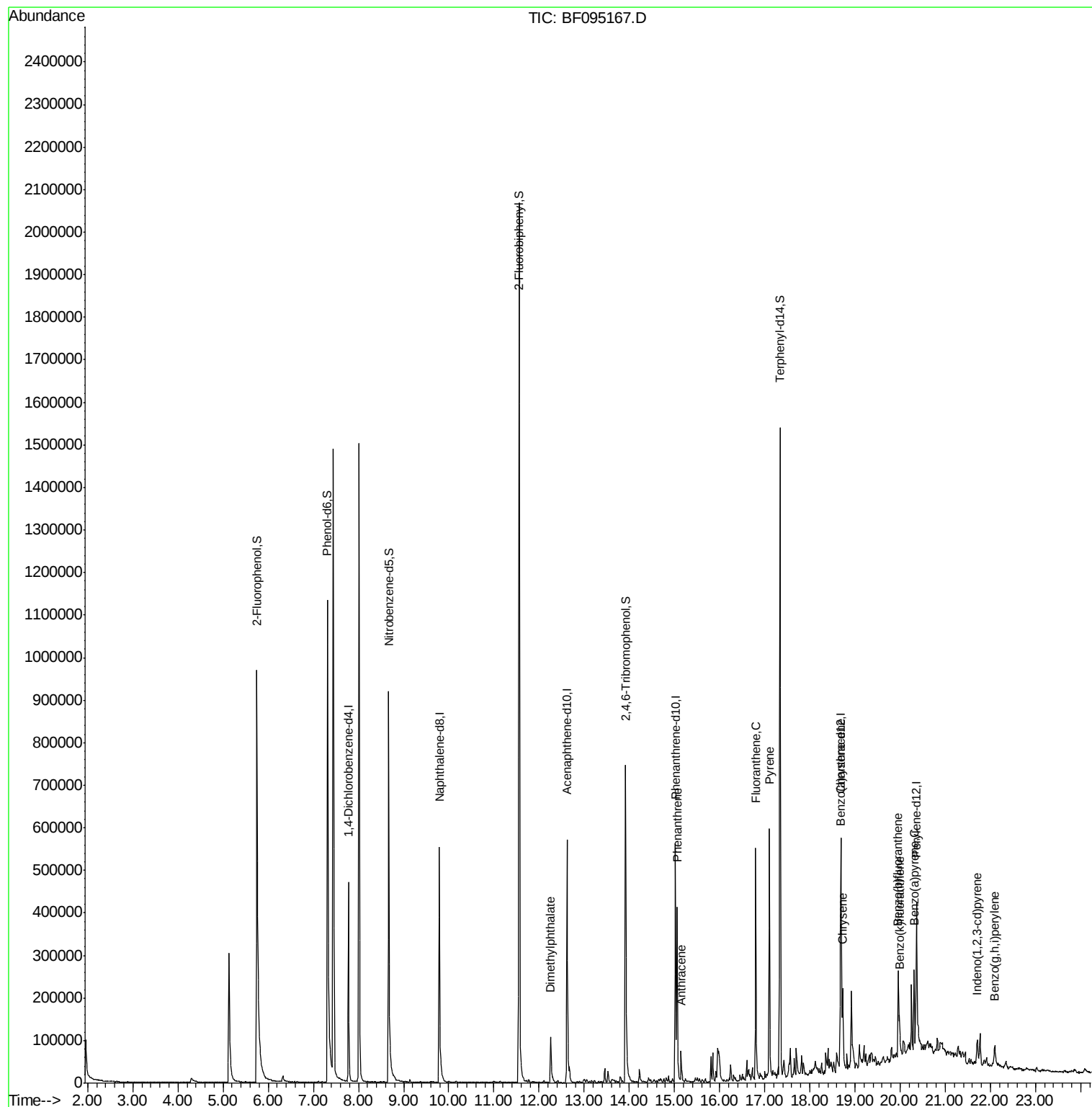
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095167.D
Acq On : 16 May 2017 21:02
Operator : SJ/MA
Sample : I3151-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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NM10-COMP-6-18

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QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095167.D

Acq: 16 May 2017 21:02

Instrument :

BNA_F

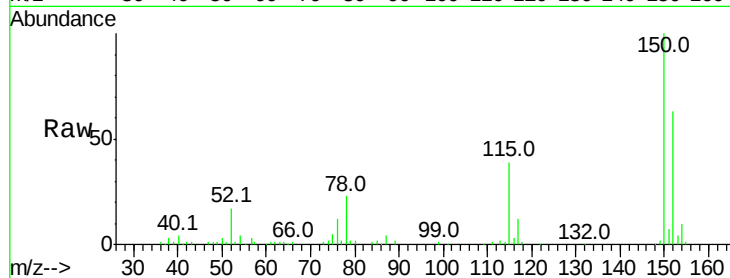
ClientSampleId :

NM10-COMP-6-18

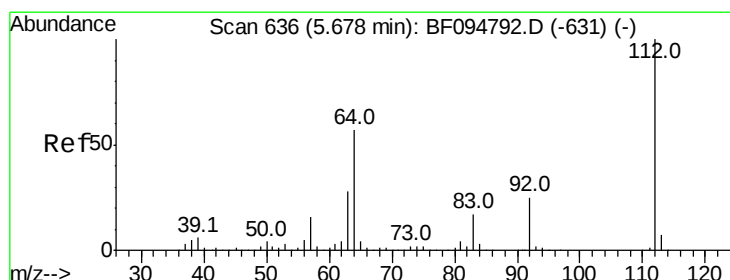
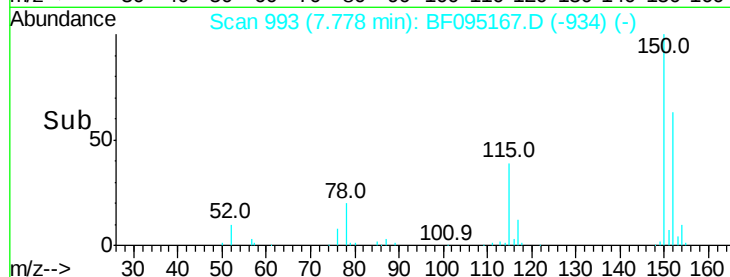
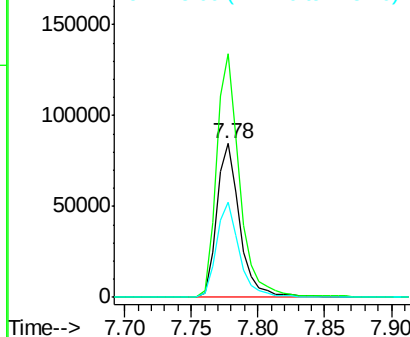
Tot Ion:	152	Resp:	102886
Ion Ratio	Lower	Upper	
152	100		
150	158.6	126.2	189.2
115	61.8	52.2	78.2

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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: 105.78 ng

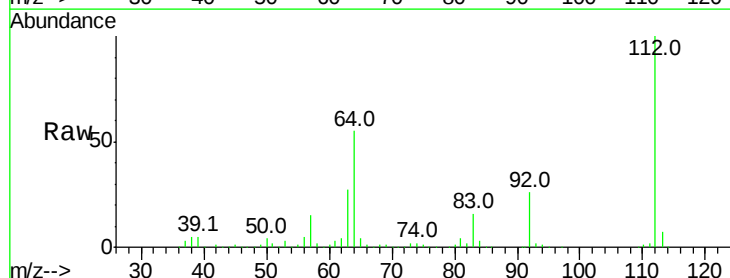
RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

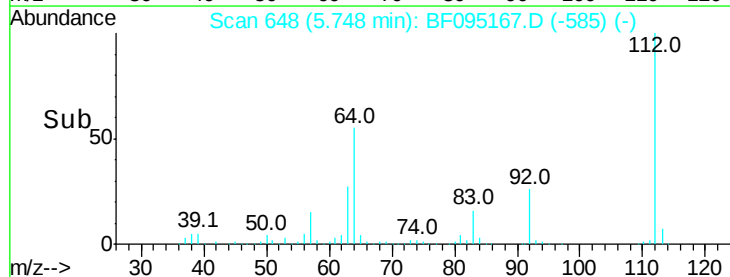
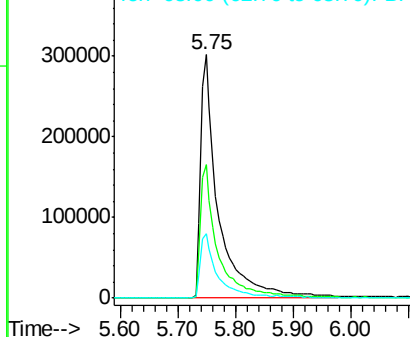
Lab File: BF095167.D

Acq: 16 May 2017 21:02

Tgt Ion:	112	Resp:	652766
Ion Ratio	Lower	Upper	
112	100		
64	54.6	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: 101.19 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095167.D

Acq: 16 May 2017 21:02

Instrument :

BNA_F

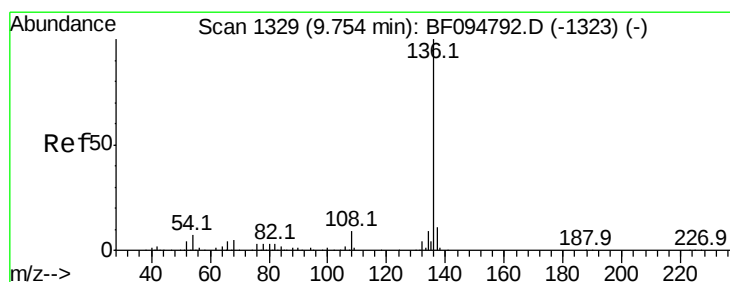
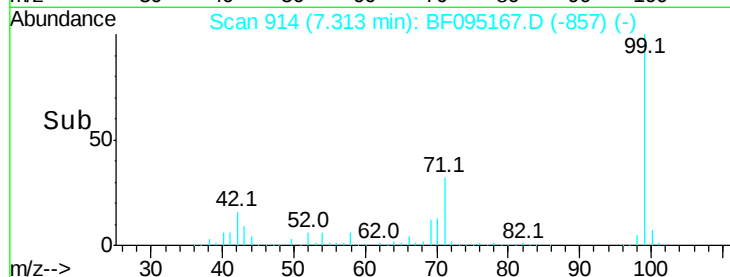
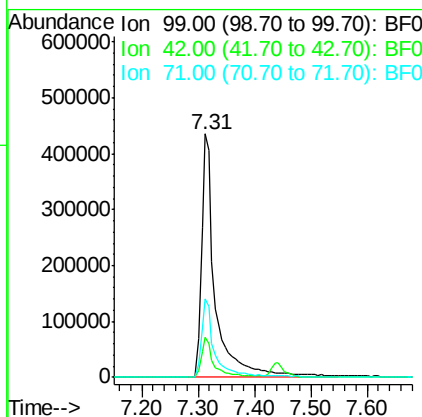
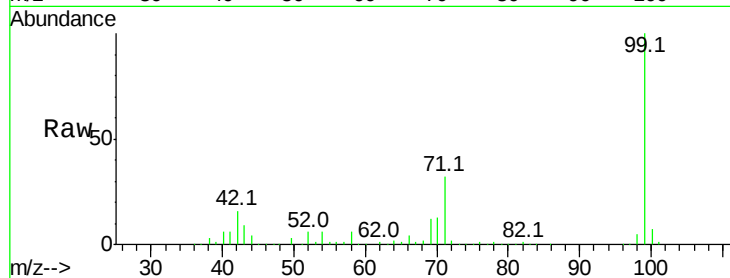
ClientSampleId :

NM10-COMP-6-18

Tot Ion:	99	Resp:	749225
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	32.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

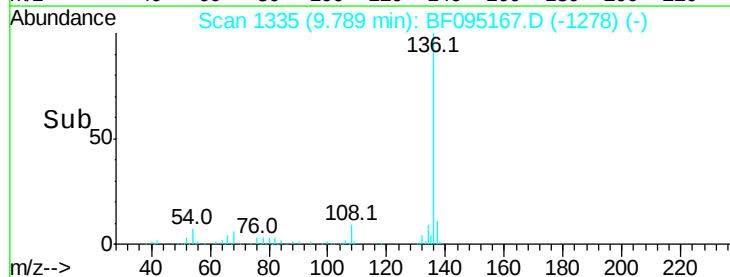
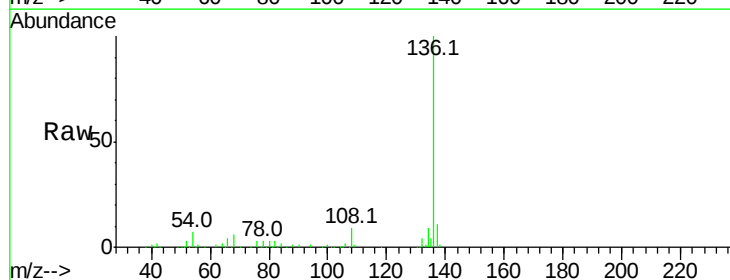
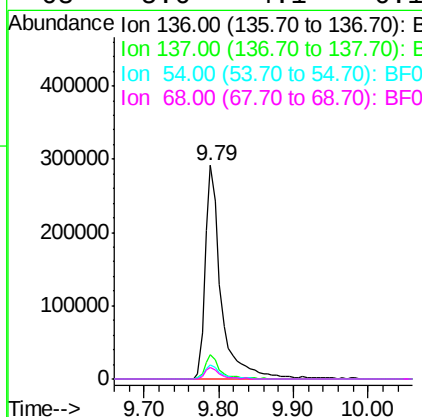
RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095167.D

Acq: 16 May 2017 21:02

Tgt Ion:	136	Resp:	434334
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	6.9	4.9	7.3
68	5.6	4.1	6.1





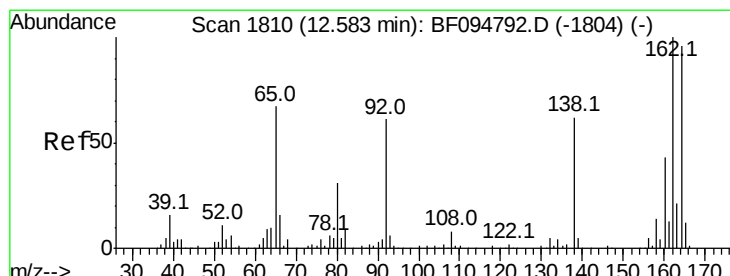
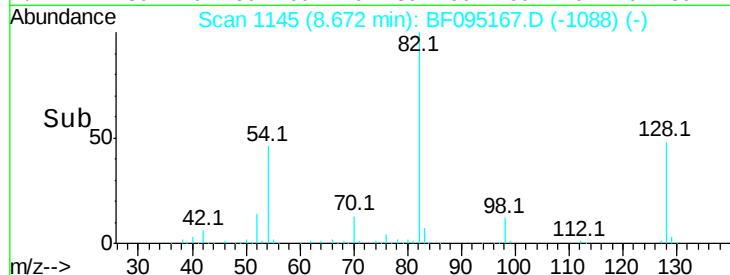
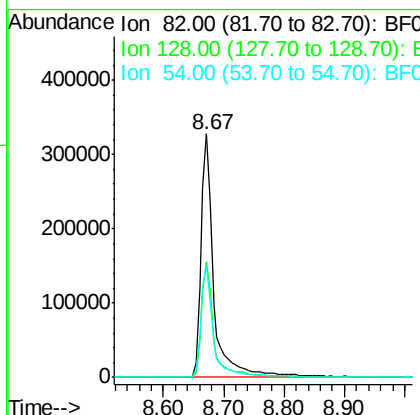
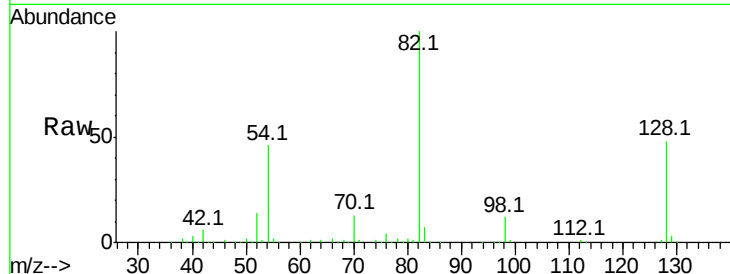
#23
Nitrobenzene-d5
Concen: 70.81 ng
RT: 8.67 min Scan# 1145
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	46.0	42.2	63.2

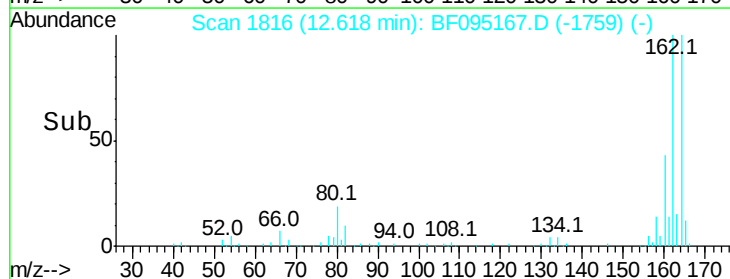
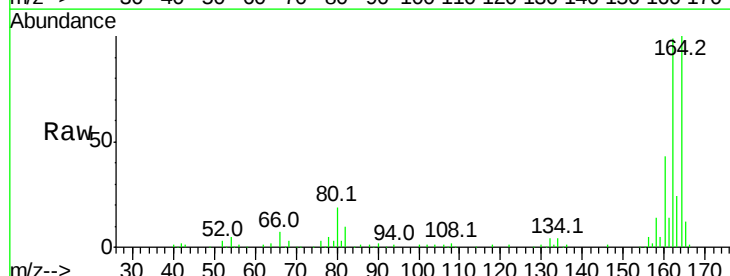
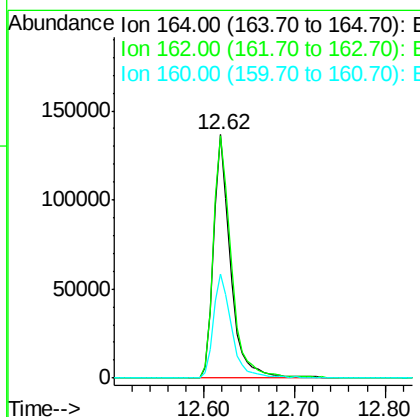
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	42.5	36.2	54.2





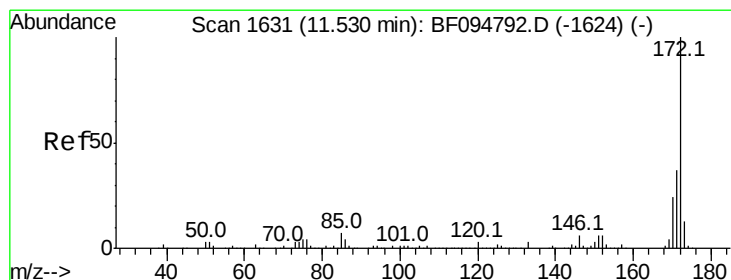
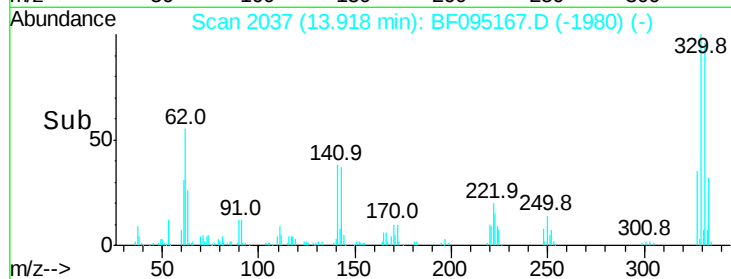
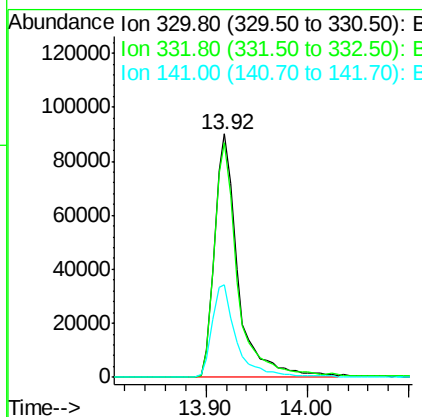
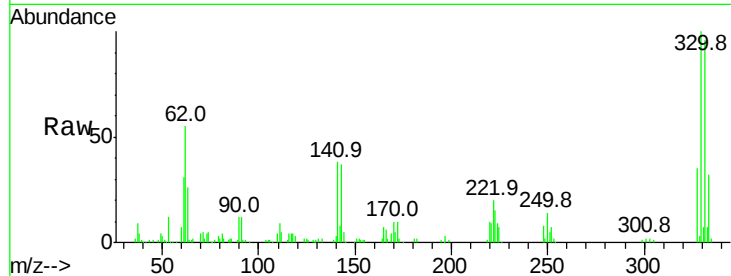
#41
 2,4,6-Tribromophenol
 Concen: 98.33 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095167.D
 Acq: 16 May 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
330	100	144638		
332	97.1	76.6	115.0	
141	40.3	31.4	47.2	

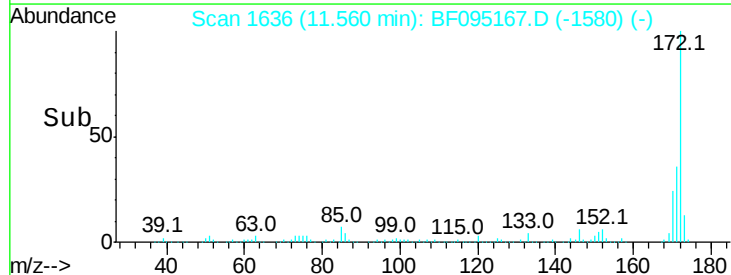
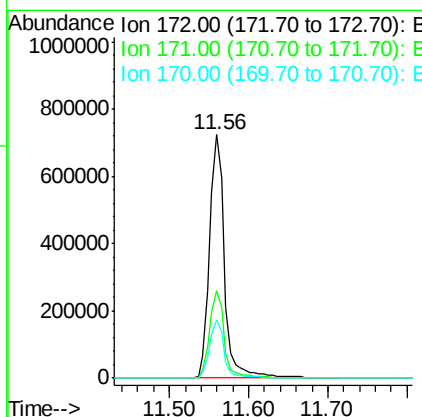
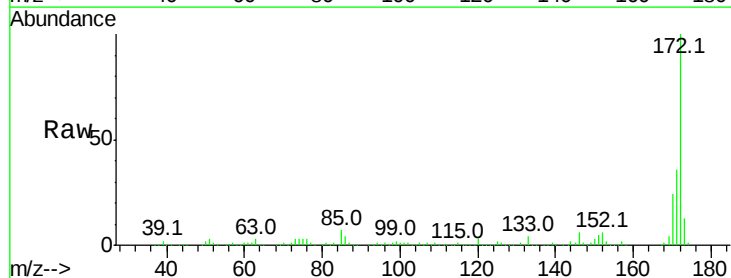
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#44
 2-Fluorobiphenyl
 Concen: 76.56 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095167.D
 Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	955387		
171	36.1	29.6	44.4	
170	24.0	19.8	29.8	





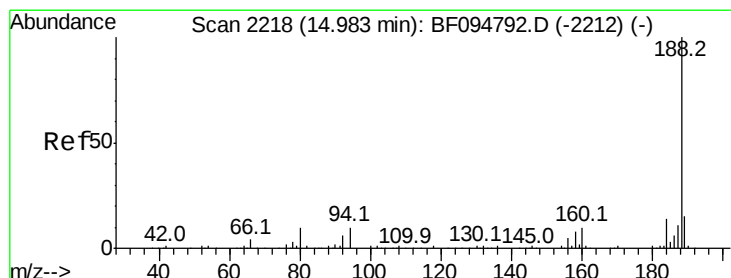
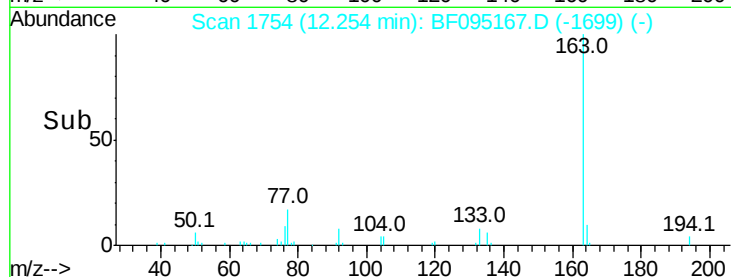
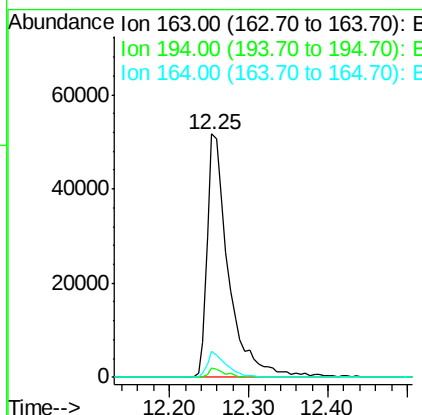
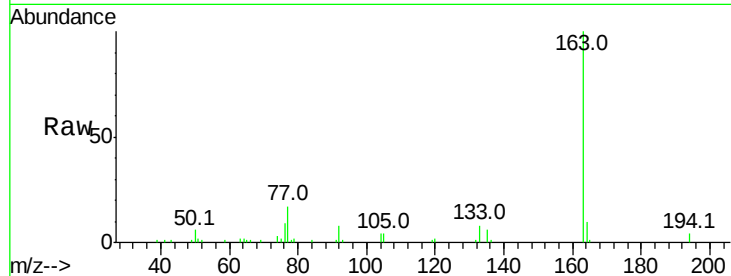
#49
Dimethylphthalate
Concen: 6.61 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

Tot Ion:163 Resp: 97429
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.5 8.4 12.6

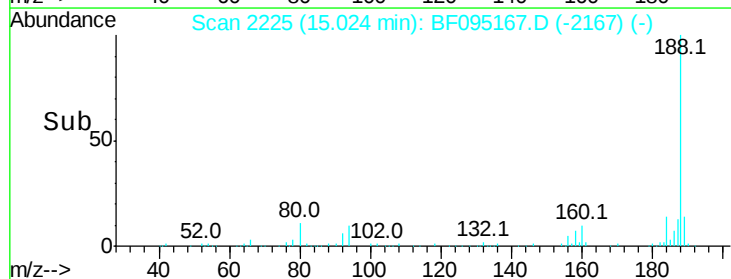
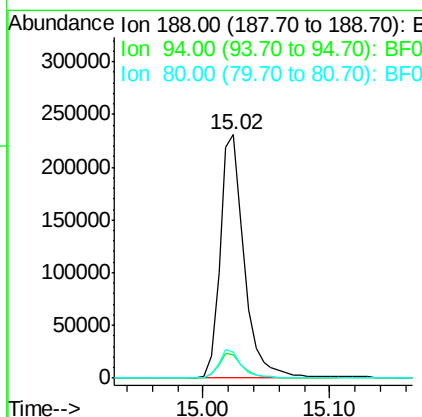
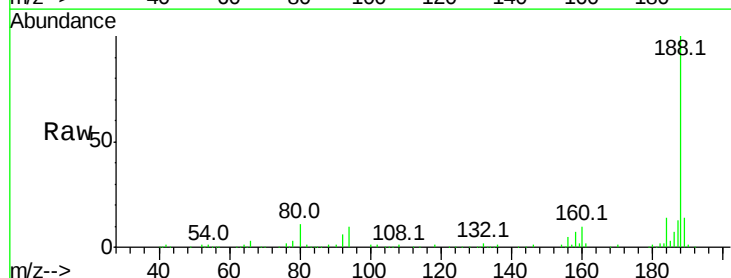
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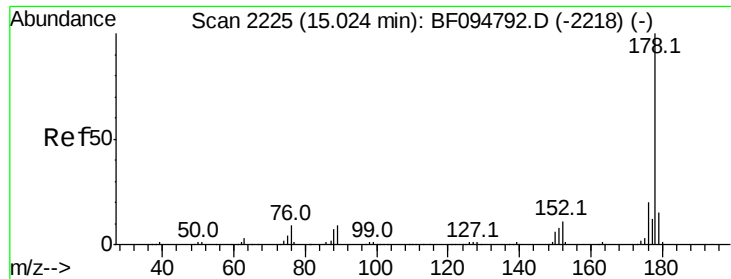
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion:188 Resp: 304530
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.6 10.2 15.2





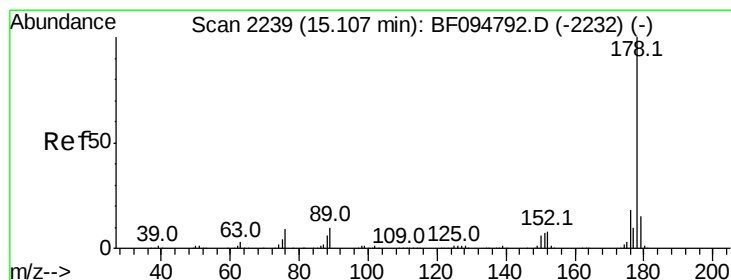
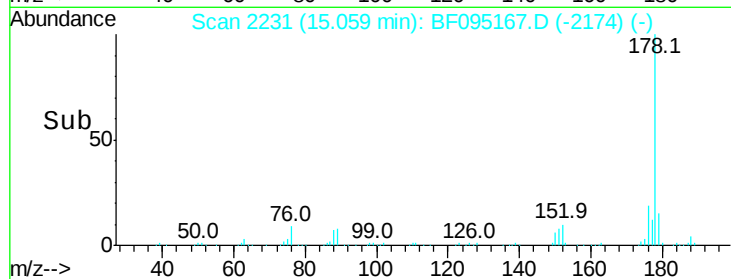
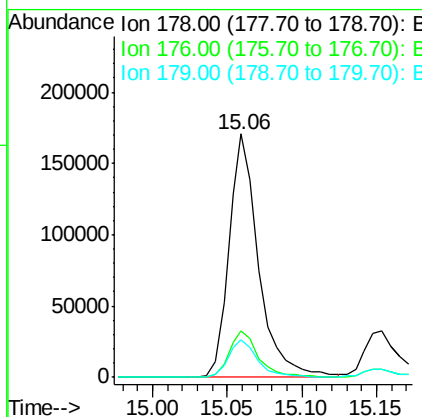
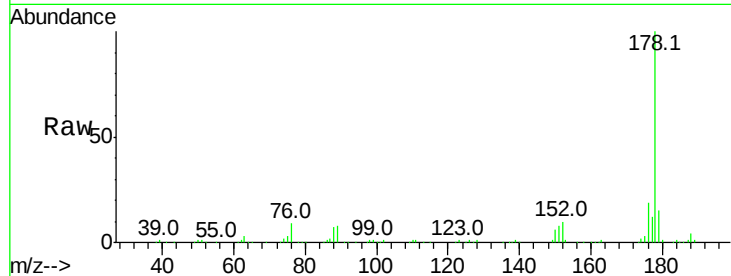
#70
Phenanthrene
Concen: 13.57 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

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

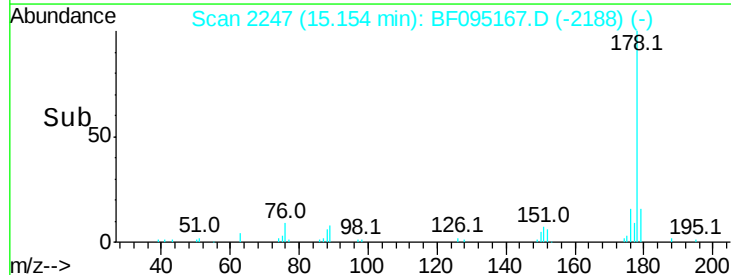
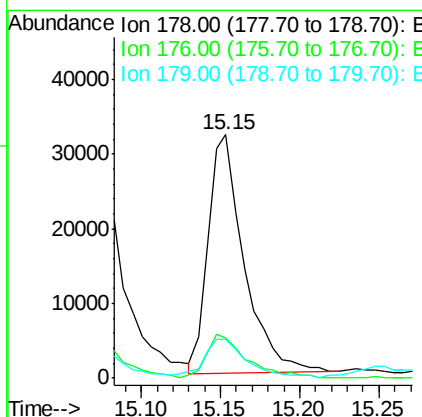
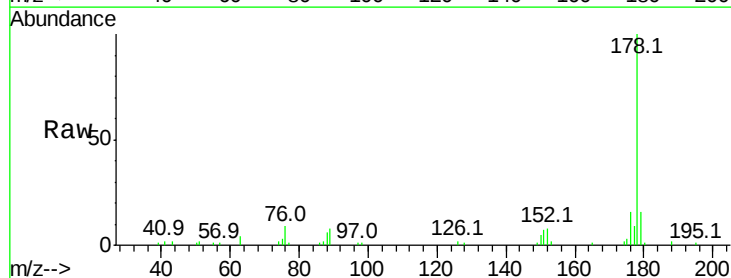
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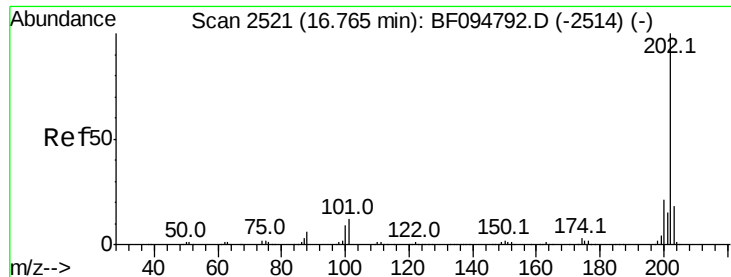
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#71
Anthracene
Concen: 2.82 ng
RT: 15.15 min Scan# 2247
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.2	15.8	23.8
179	16.1	12.7	19.1





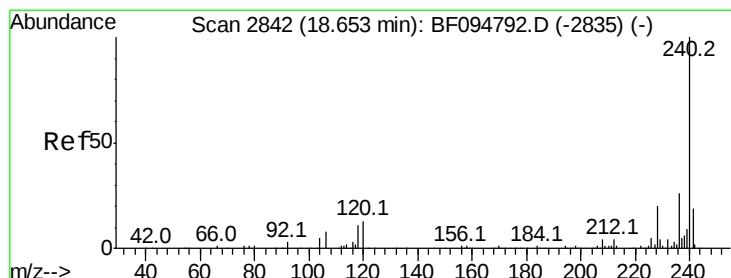
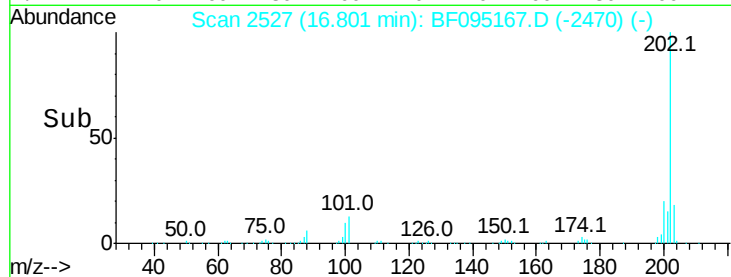
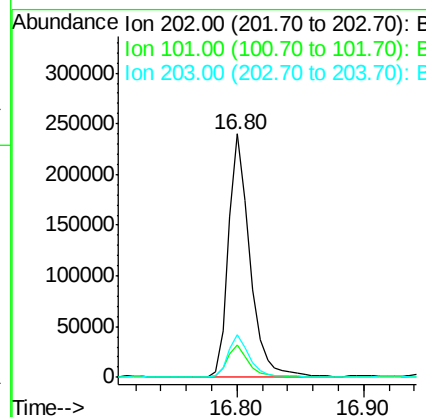
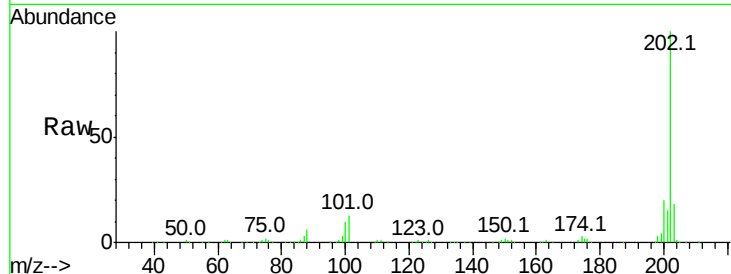
#74
 Fluoranthene
 Concen: 15.70 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.04 min
 Lab File: BF095167.D
 Acq: 16 May 2017 21:02

Instrument :
 BNA_F
 ClientSampleId :
 NM10-COMP-6-18

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.6	0.0	38.1

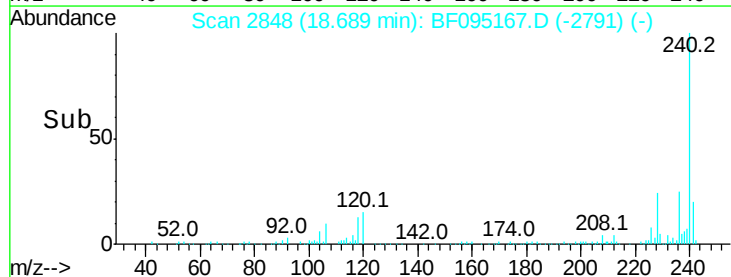
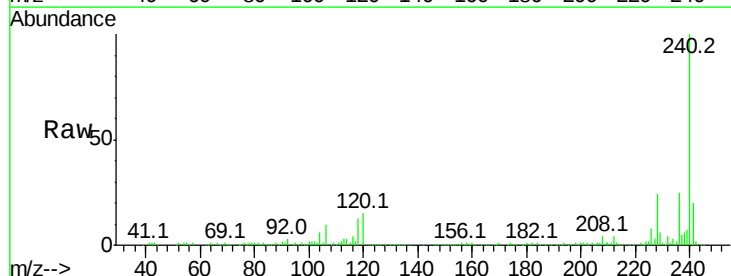
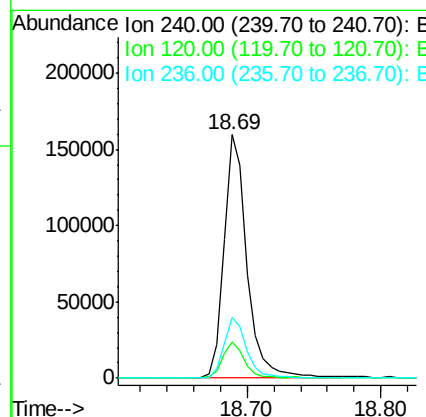
Manual Integrations
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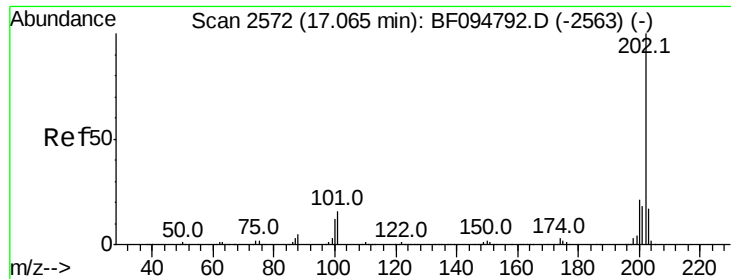
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.04 min
 Lab File: BF095167.D
 Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.1	20.5	30.7





#77

Pvrene

Concen: 19.39 ng

RT: 17.10 min Scan# 2578

Delta R.T. 0.04 min

Lab File: BF095167.D

Acq: 16 May 2017 21:02

Instrument :

BNA_F

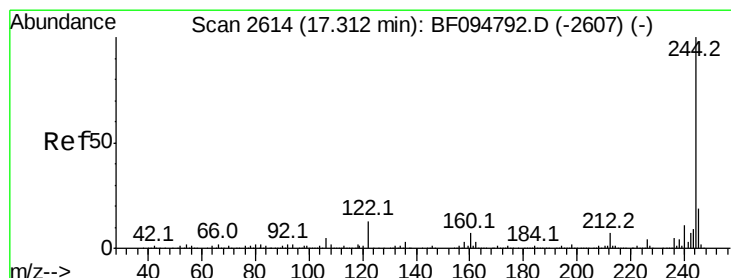
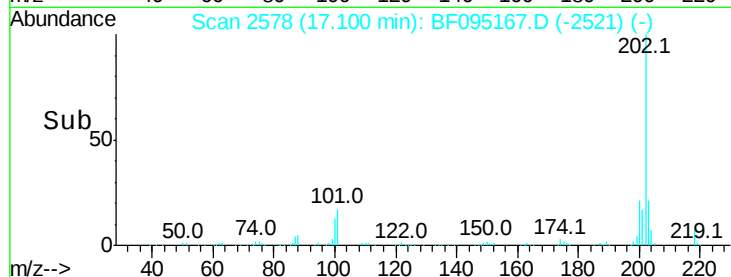
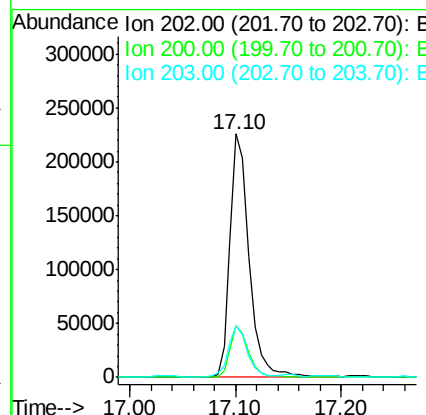
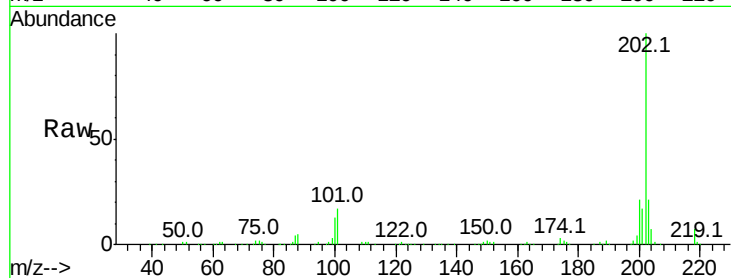
ClientSampleId :

NM10-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.6	26.4	
203	21.3	14.4	21.6	

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#78

Terphenyl-d14

Concen: 66.20 ng

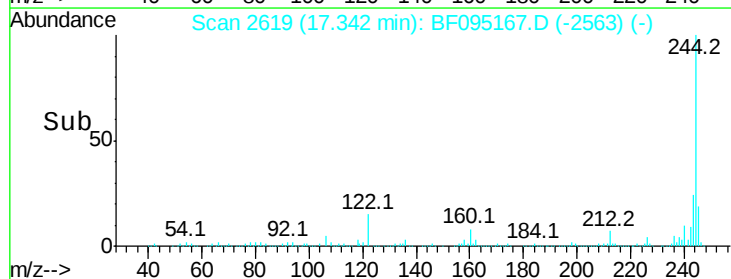
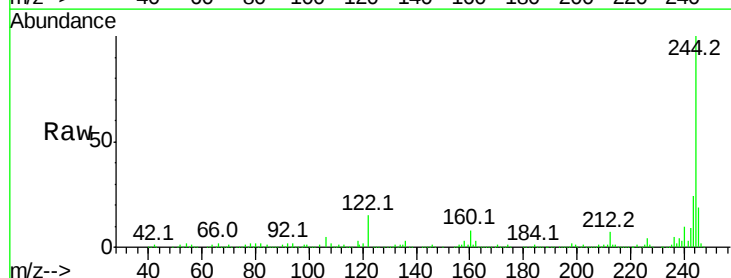
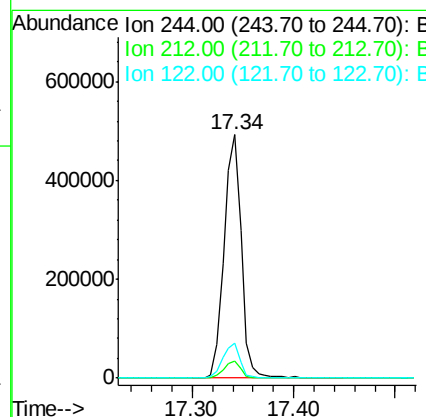
RT: 17.34 min Scan# 2619

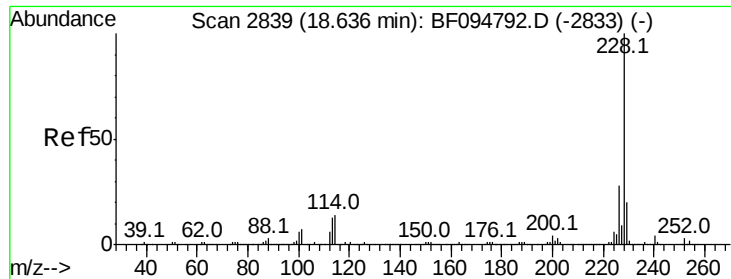
Delta R.T. 0.03 min

Lab File: BF095167.D

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Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.0	9.0	
122	14.5	10.3	15.5	





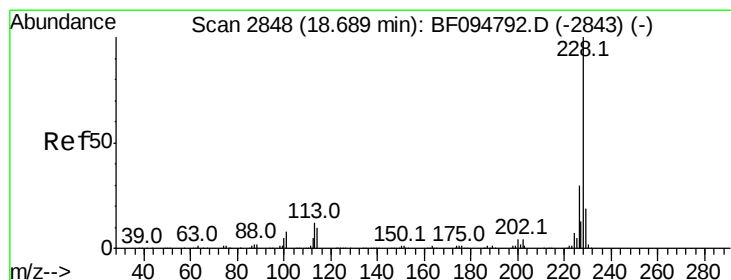
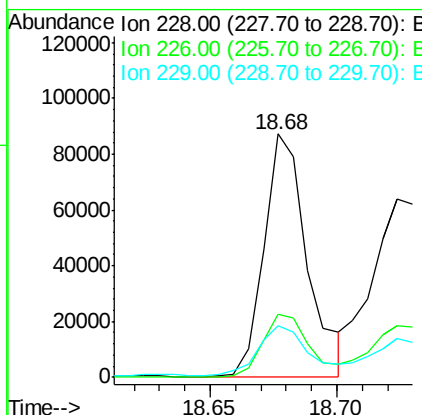
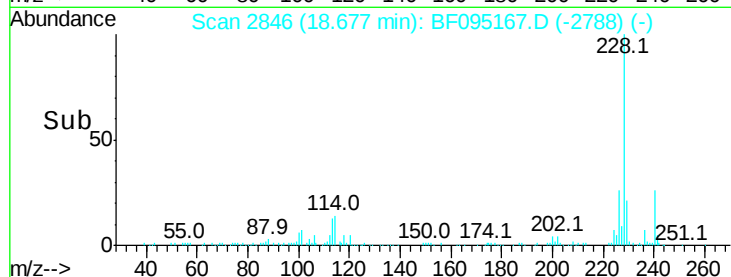
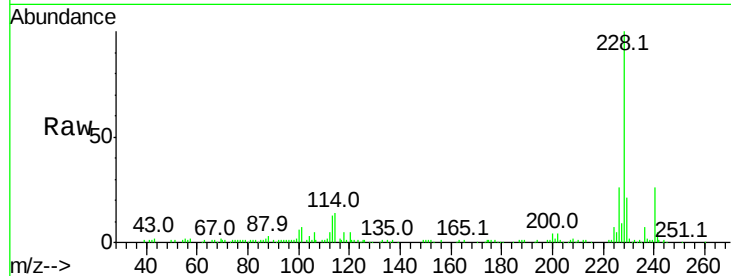
#80
Benzo(a)anthracene
Concen: 9.30 ng
RT: 18.68 min Scan# 2846
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	21.4	16.3	24.5

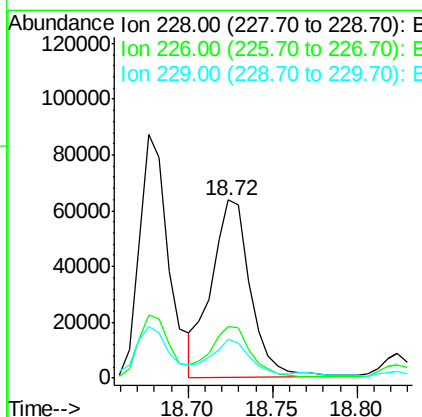
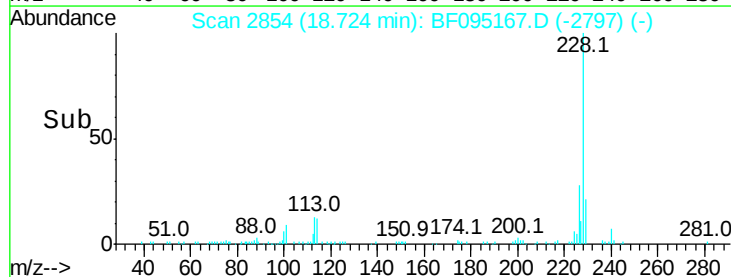
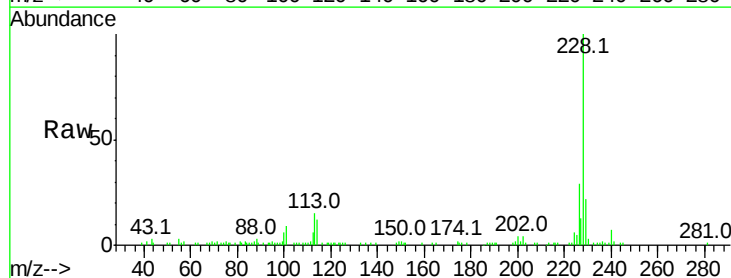
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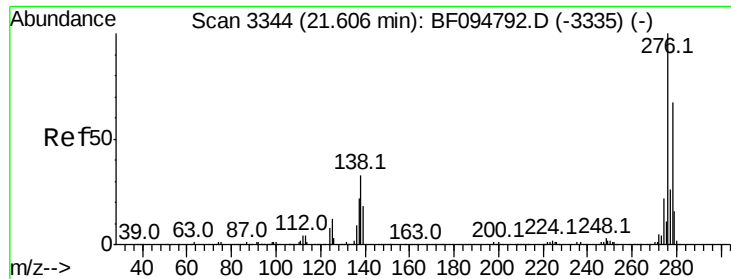
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#82
Chrysene
Concen: 9.46 ng
RT: 18.72 min Scan# 2854
Delta R.T. 0.04 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.7	15.8	23.6





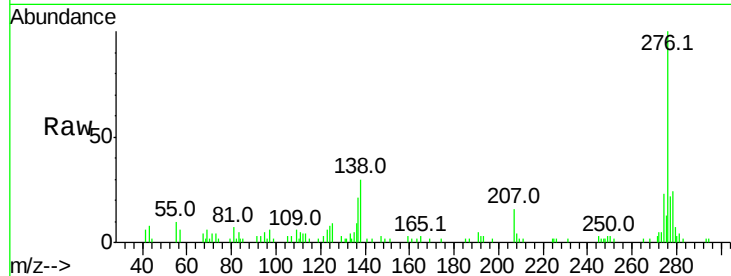
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.10 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

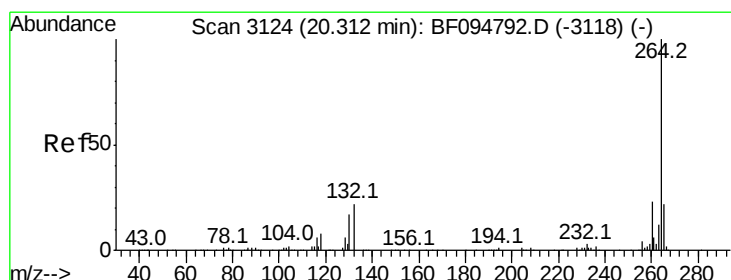
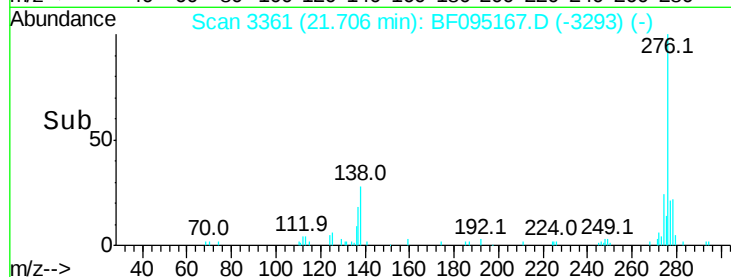
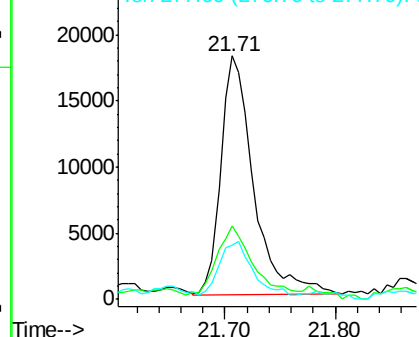
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	22.1	20.2	30.4

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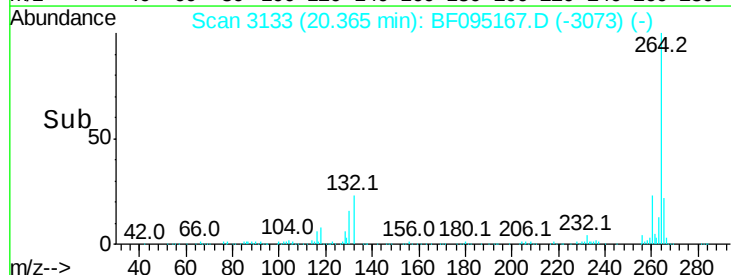
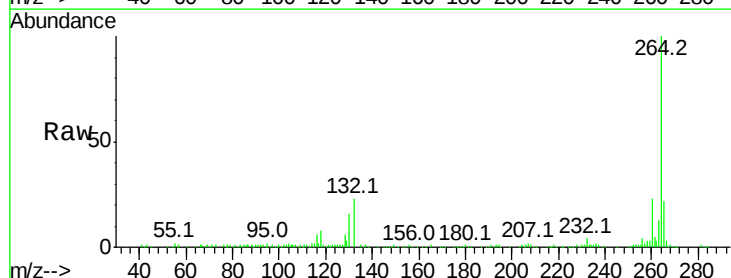
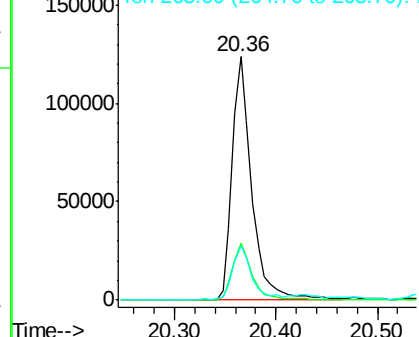
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

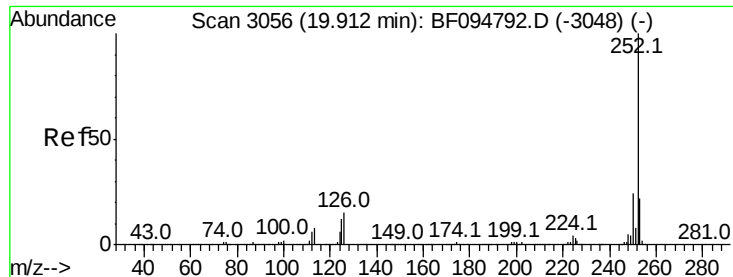


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.0	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





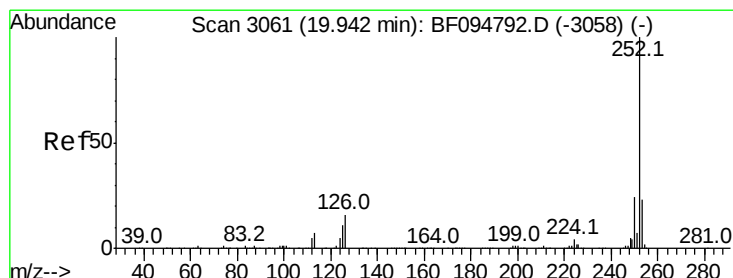
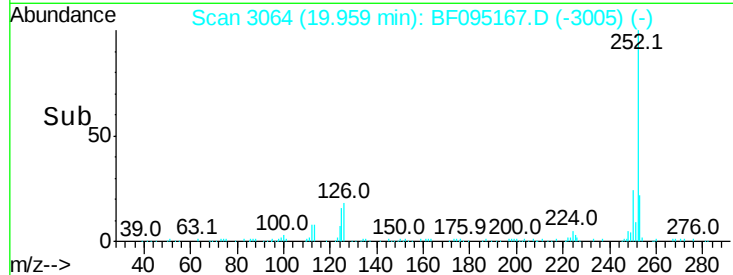
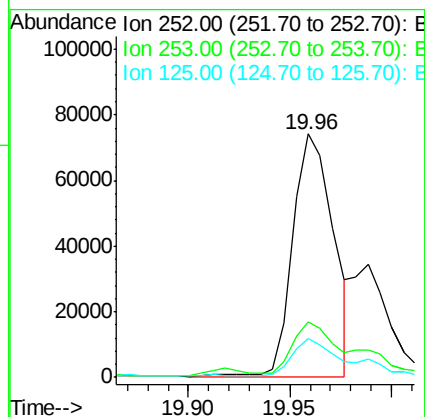
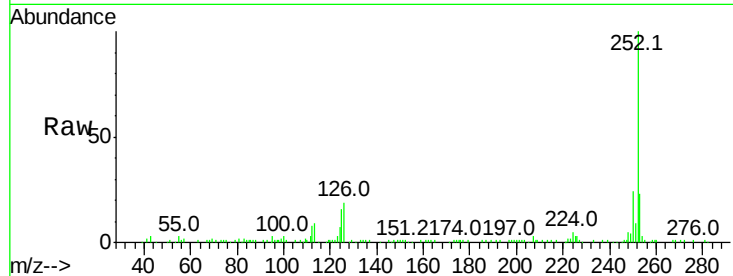
#87
Benzo(b)fluoranthene
Concen: 10.10 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	15.8	9.8	14.8

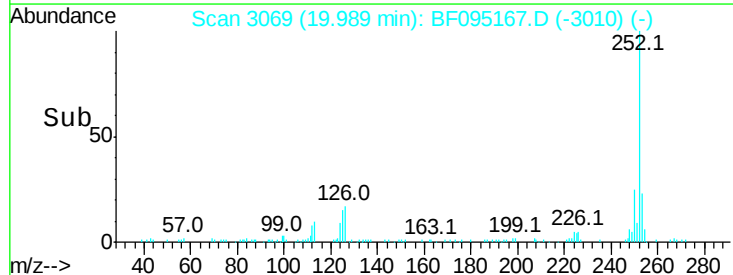
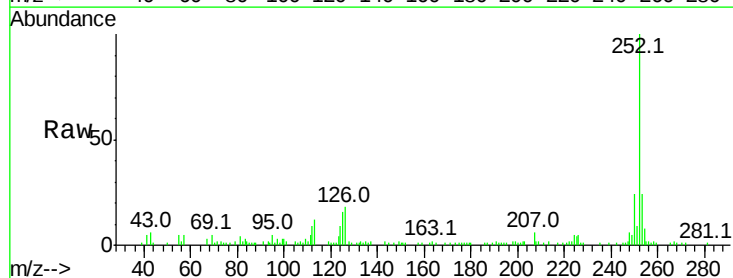
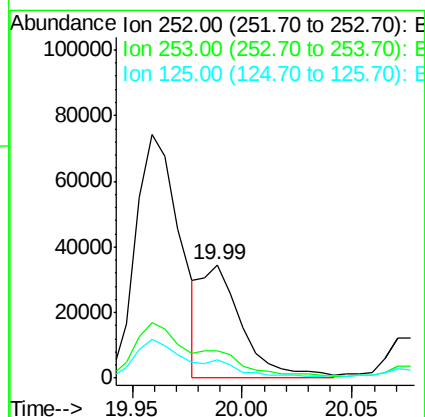
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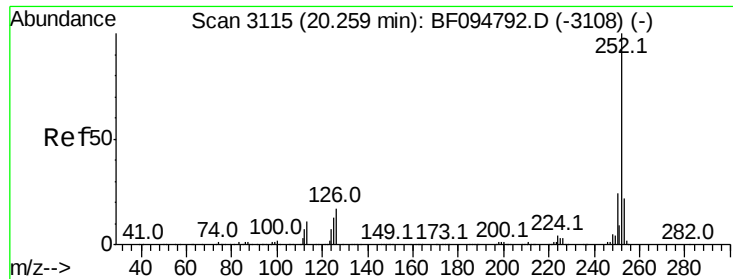
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#88
Benzo(k)fluoranthene
Concen: 4.52 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	16.0	13.1	19.7





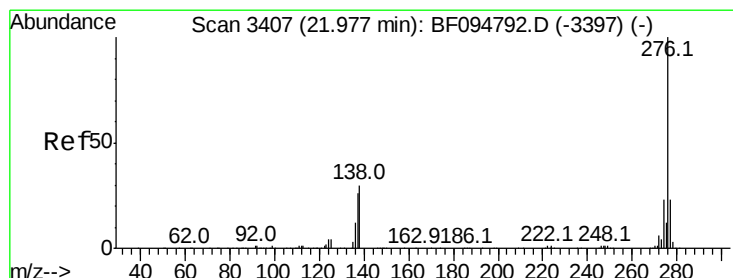
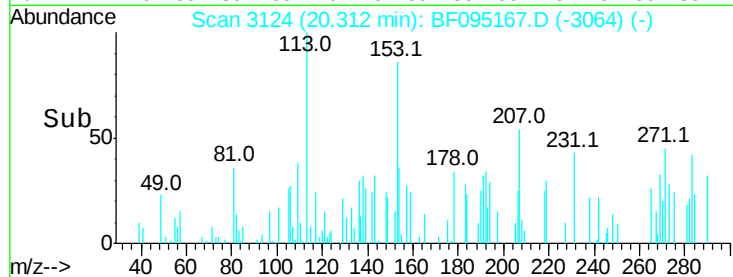
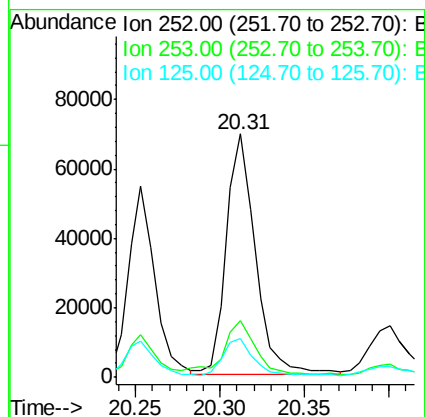
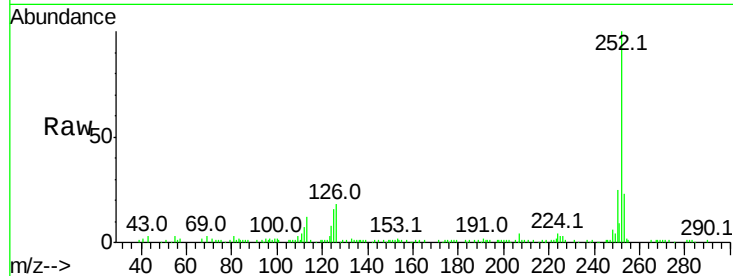
#89
Benzo(a)pyrene
Concen: 8.73 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Instrument :
BNA_F
ClientSampleId :
NM10-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	15.9	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 5.11 ng
RT: 22.09 min Scan# 3427
Delta R.T. 0.12 min
Lab File: BF095167.D
Acq: 16 May 2017 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.6	28.0
138	33.0	25.4	38.0

