

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
 Data File : BF095576.D
 Acq On : 31 May 2017 21:44
 Operator : SJ/MA
 Sample : I3341-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM11-COMP-6-18

Manual Integrations
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Quant Time: Jun 01 06:46:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 04:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	112727	20.00	ng	0.00
21) Naphthalene-d8	9.58	136	454043	20.00	ng	0.00
38) Acenaphthene-d10	12.41	164	178231	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	256146	20.00	ng	0.00
75) Chrysene-d12	18.51	240	224071	20.00	ng	0.00
86) Perylene-d12	20.18	264	163510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	746333	110.38	ng	0.00
7) Phenol-d6	7.11	99	871023	107.37	ng	0.00
23) Nitrobenzene-d5	8.47	82	448367	62.27	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	150854	103.35	ng	0.00
44) 2-Fluorobiphenyl	11.36	172	951857	76.87	ng	0.00
78) Terphenyl-d14	17.15	244	569698	56.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.05	163	181454	12.40	ng	99
70) Phenanthrene	14.85	178	115887	7.87	ng	97
71) Anthracene	14.94	178	32014	2.13	ng	94
74) Fluoranthene	16.61	202	205024	13.58	ng	99
77) Pyrene	16.91	202	202012	12.05	ng	96
80) Benzo(a)anthracene	18.49	228	107707	8.26	ng	94
82) Chrysene	18.54	228	107316	8.51	ng	99
85) Indeno(1,2,3-cd)pyrene	21.43	276	49525	4.84	ng	94
87) Benzo(b)fluoranthene	19.77	252	140645m	13.92	ng	
88) Benzo(k)fluoranthene	19.80	252	36569m	3.75	ng	
89) Benzo(a)pyrene	20.12	252	81761	8.77	ng	95
91) Benzo(a,h,i)perylene	21.79	276	48593	6.43	ng	97

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

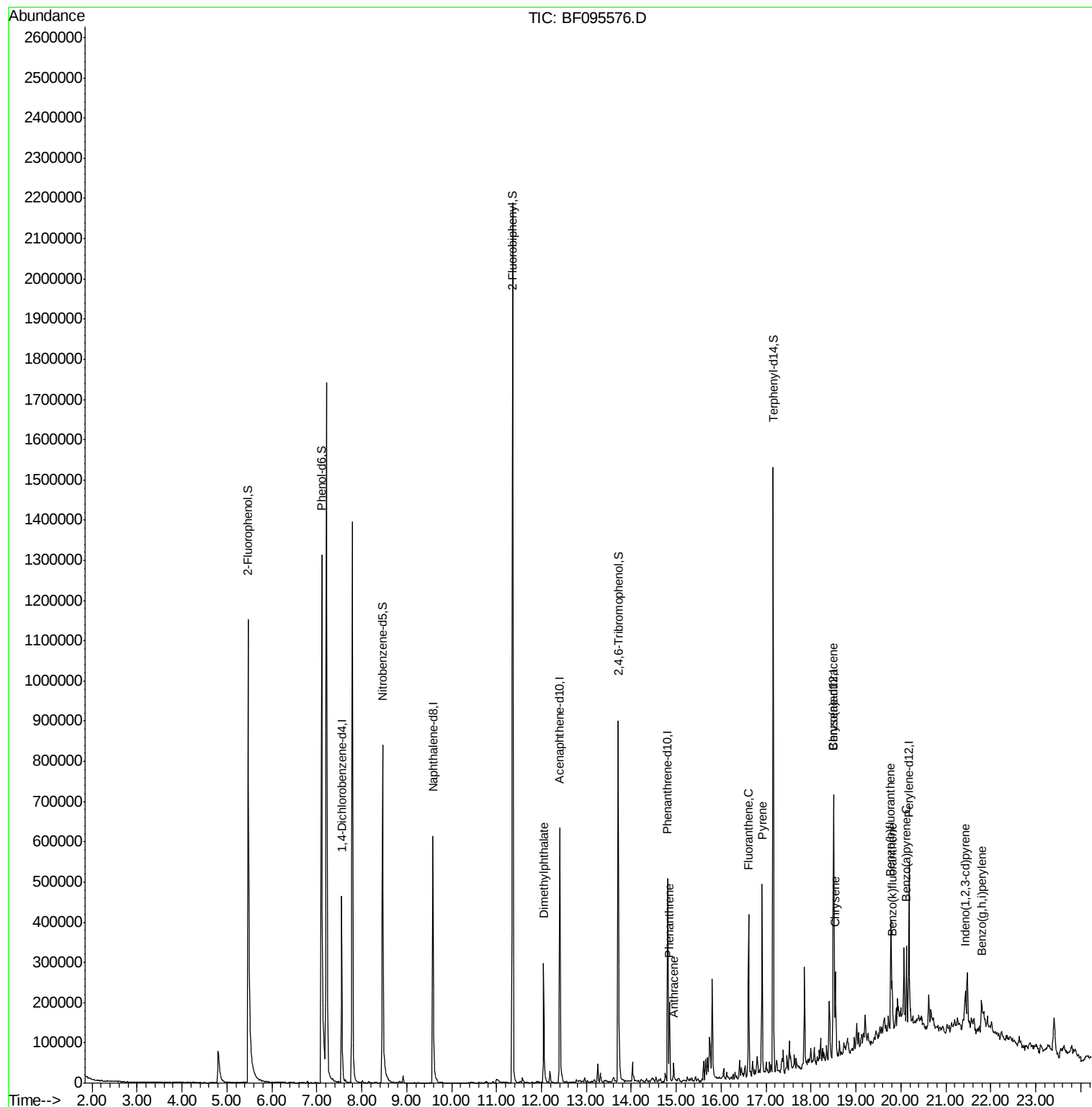
Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095576.D
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ALS Vial : 16 Sample Multiplier: 1

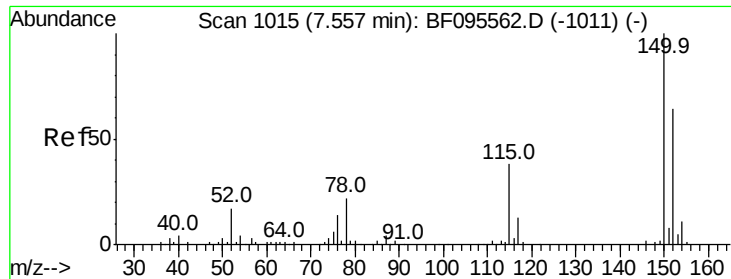
Instrument :
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#1

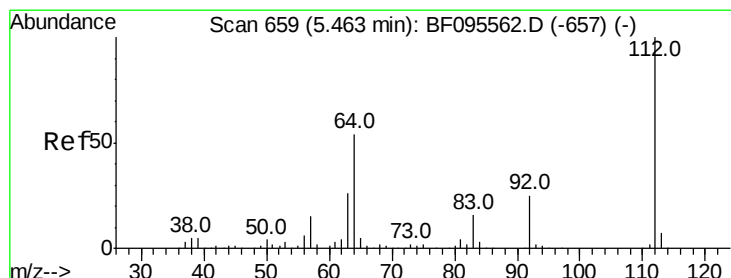
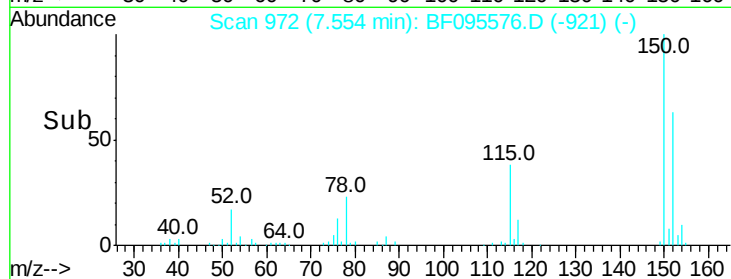
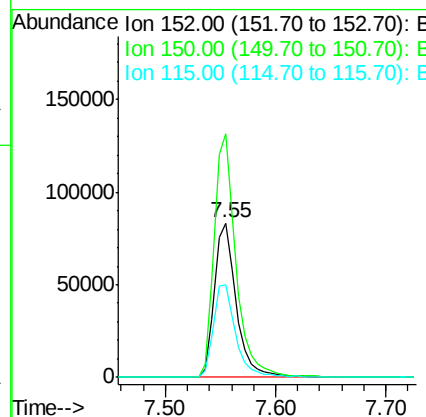
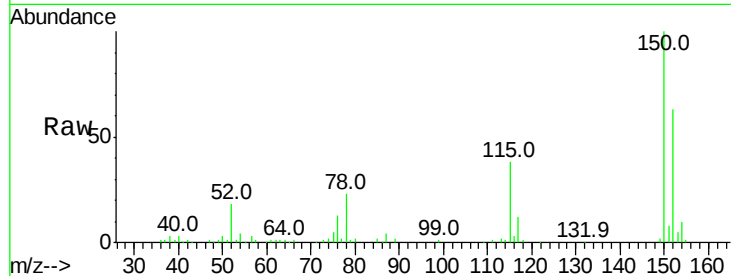
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	59.9	52.2	78.2

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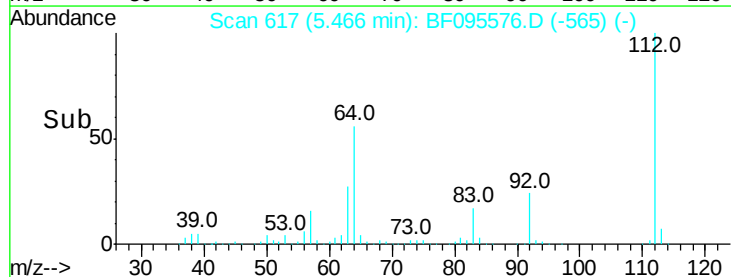
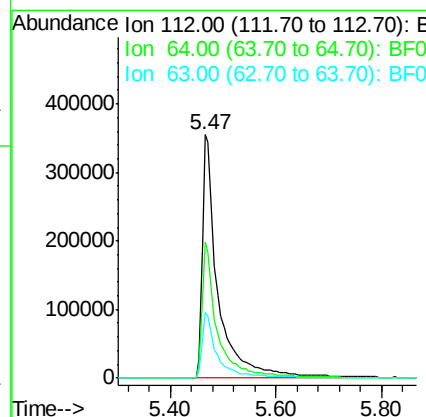
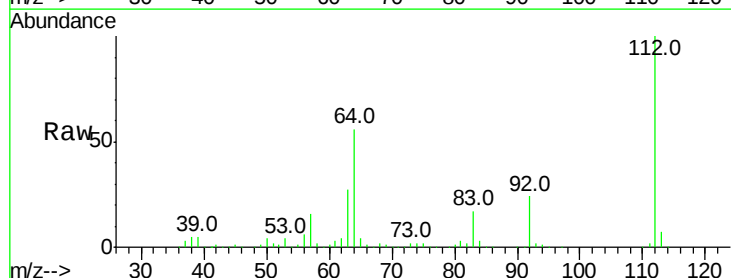
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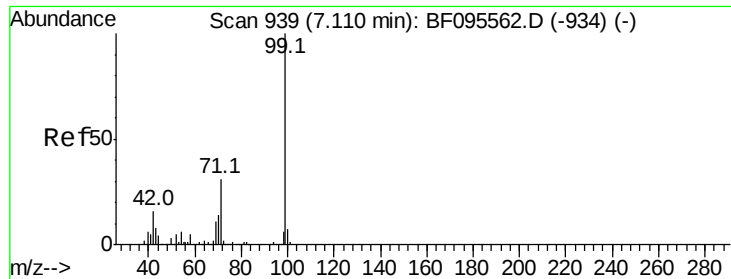


#5

2-Fluorophenol
Concen: 110.38 ng
RT: 5.47 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.0	69.0
63	26.9	23.4	35.0





#7

Phenol-d6

Concen: 107.37 ng

RT: 7.11 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Instrument :

BNA_F

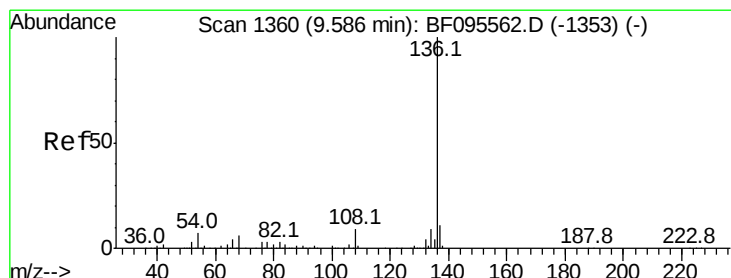
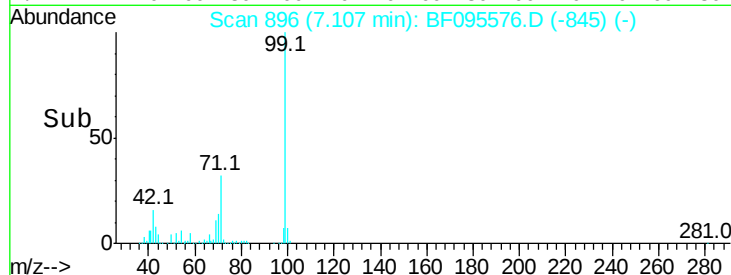
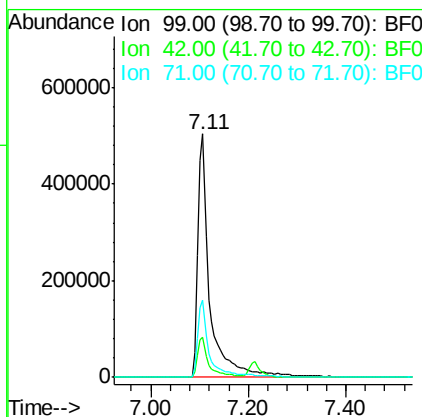
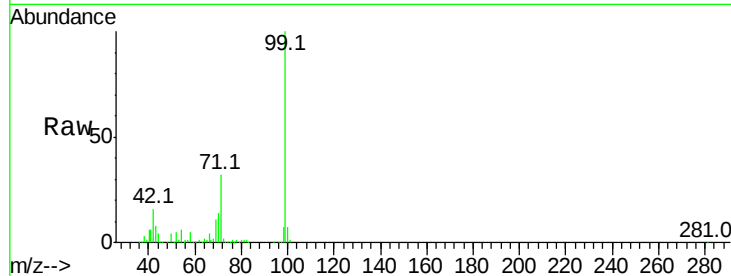
ClientSampleId :

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Tot Ion:	99	Resp:	871023
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

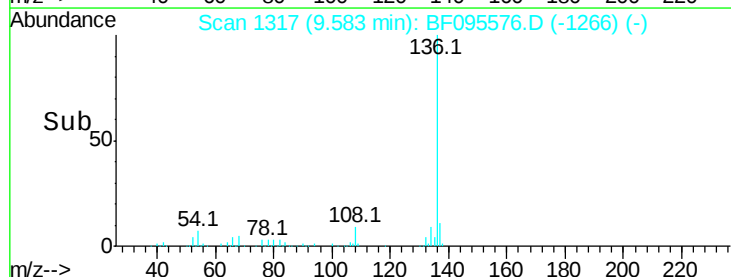
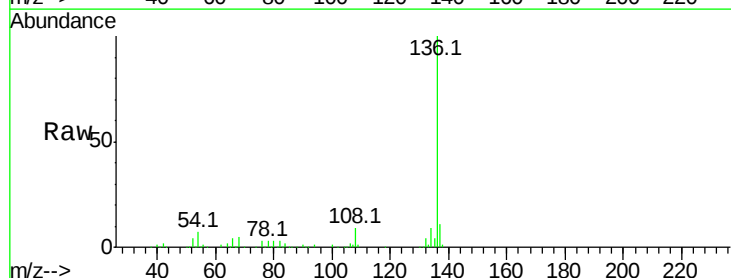
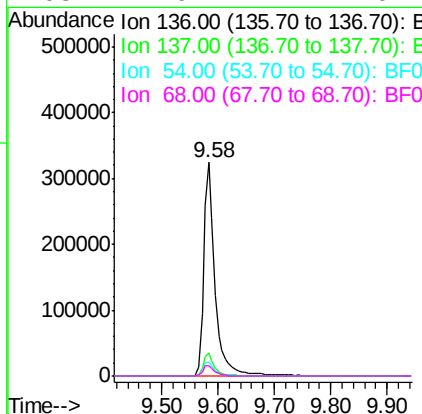
RT: 9.58 min Scan# 1317

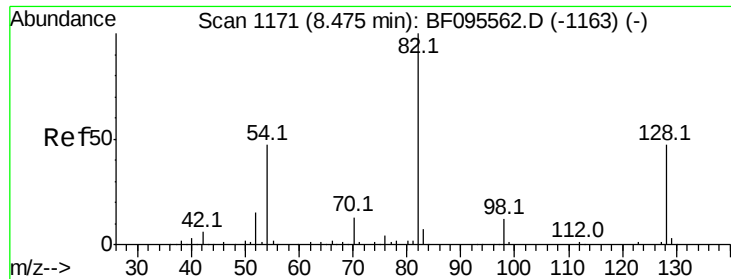
Delta R.T. -0.00 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Tgt Ion:	136	Resp:	454043
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	6.9	4.9	7.3
68	4.9	4.1	6.1





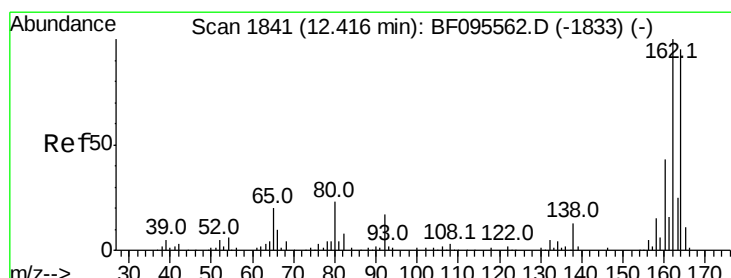
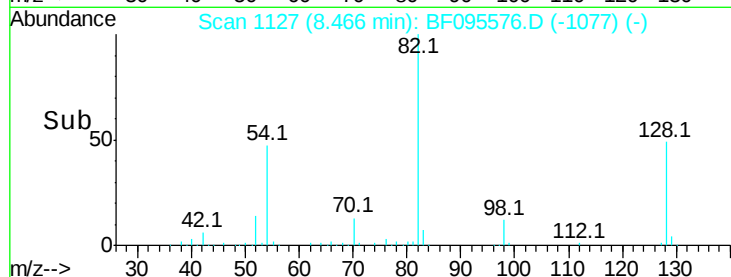
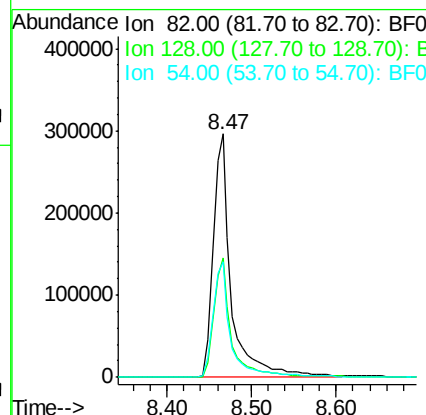
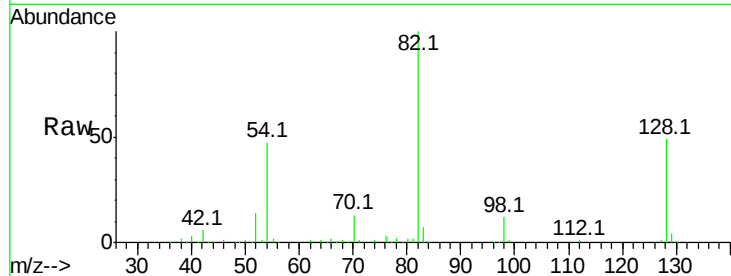
#23
 Nitrobenzene-d5
 Concen: 62.27 ng
 RT: 8.47 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF095576.D
 Acq: 31 May 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 NM11-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	34.0	51.0	
54	47.3	42.2	63.2	

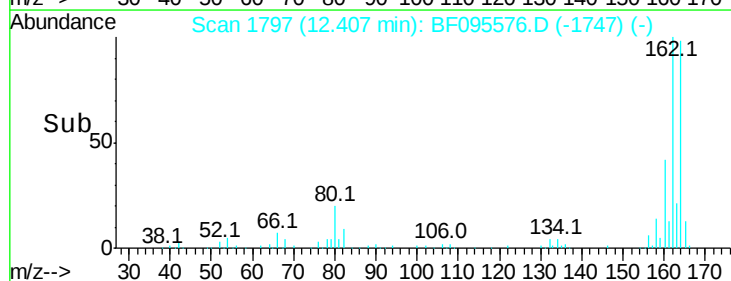
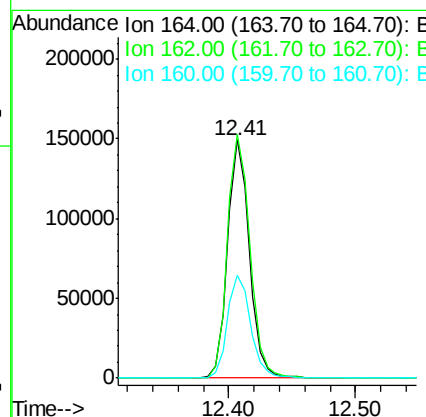
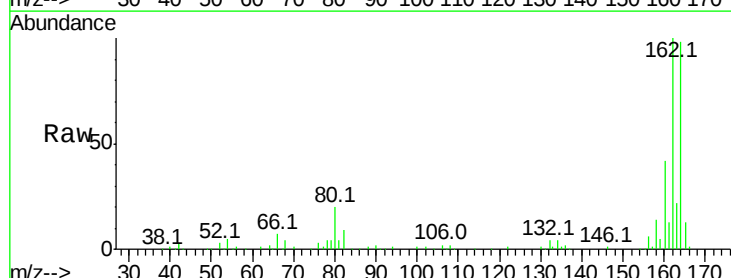
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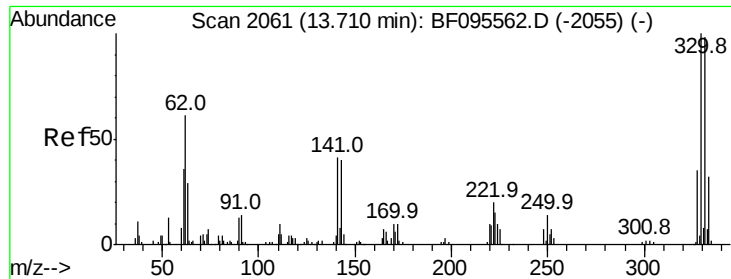
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BF095576.D
 Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.6	123.8	
160	43.2	36.2	54.2	





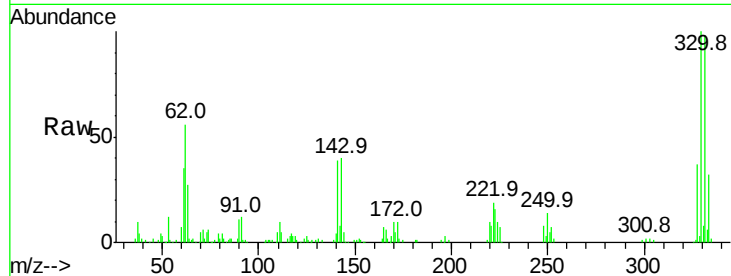
#41
 2,4,6-Tribromophenol
 Concen: 103.35 ng
 RT: 13.71 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF095576.D
 Acq: 31 May 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 NM11-COMP-6-18

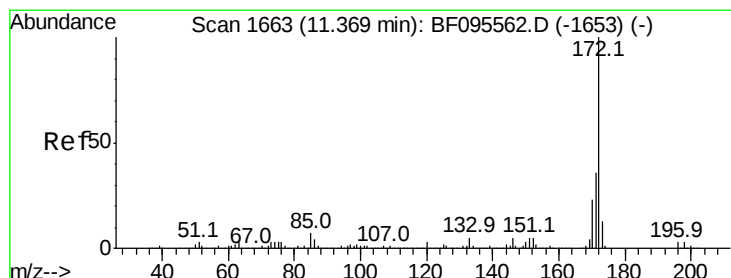
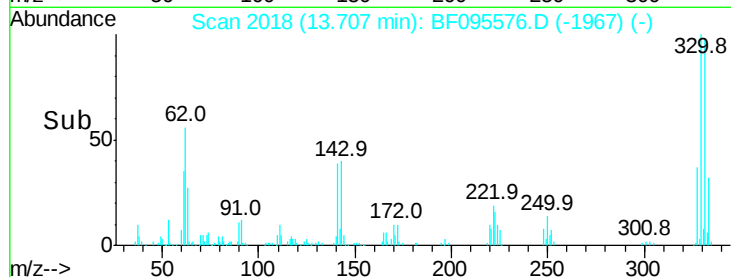
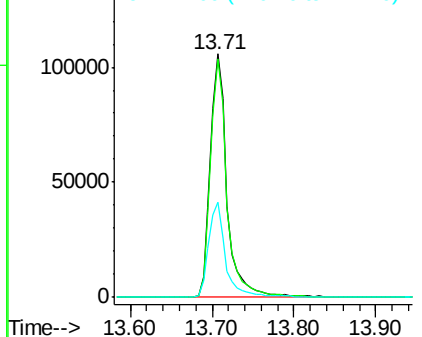
Tot Ion	Ratio	Resp	Lower	Upper
330	100	150854		
332	96.9	76.6	115.0	
141	39.7	31.4	47.2	

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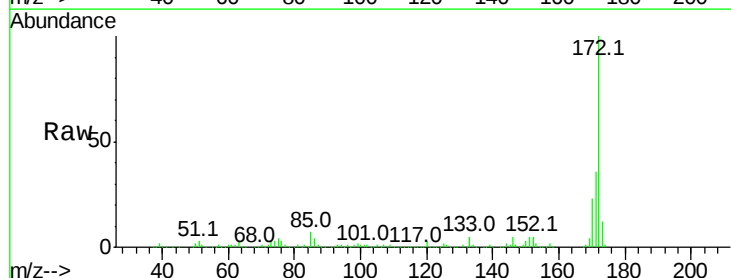


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

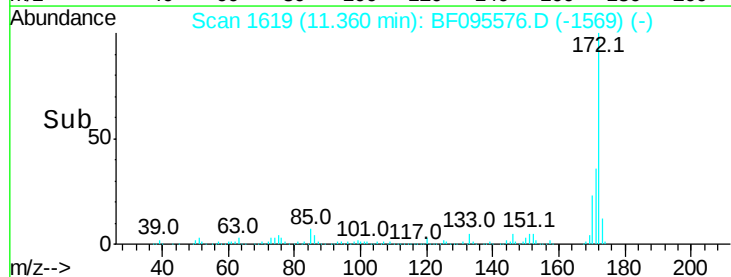
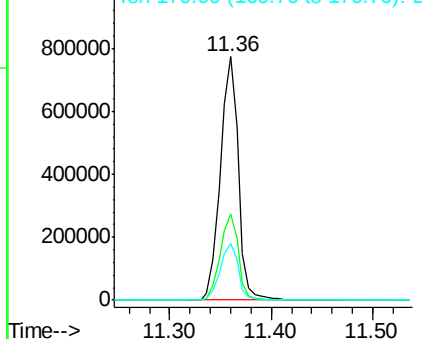


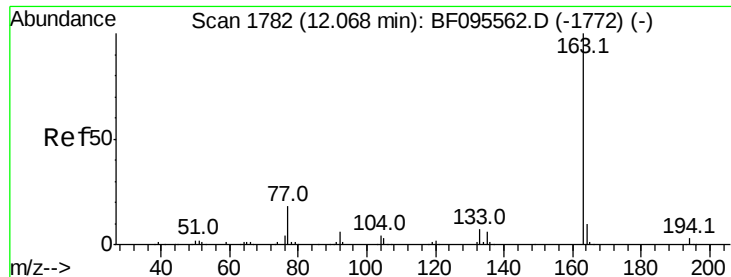
#44
 2-Fluorobiphenyl
 Concen: 76.87 ng
 RT: 11.36 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF095576.D
 Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	951857		
171	35.6	29.6	44.4	
170	23.1	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





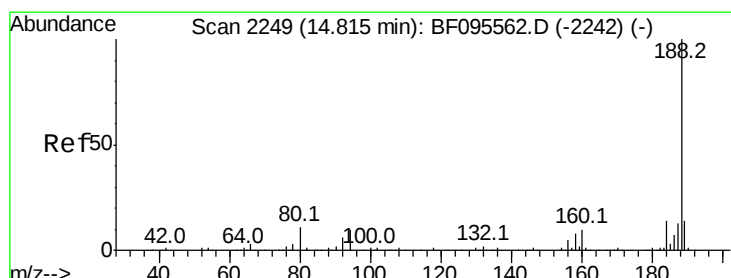
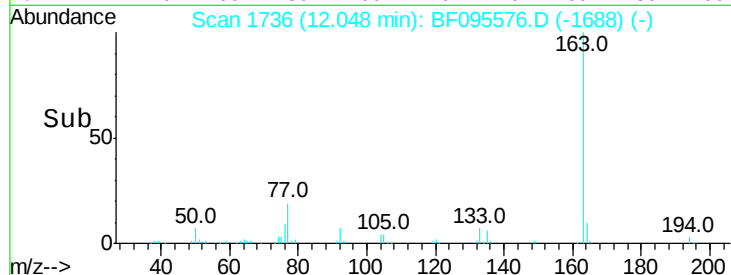
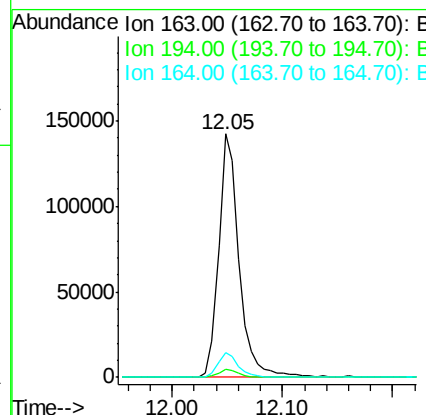
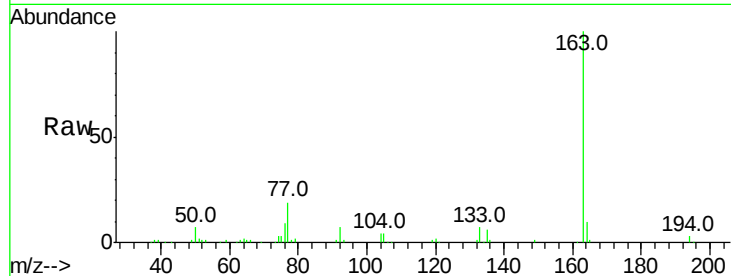
#49
Dimethylphthalate
Concen: 12.40 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
163	100	181454		
194	3.4	2.6	4.0	
164	10.1	8.4	12.6	

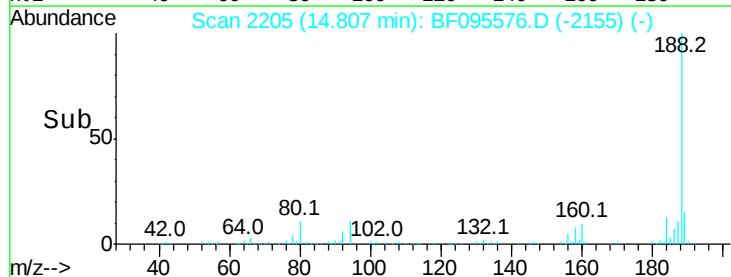
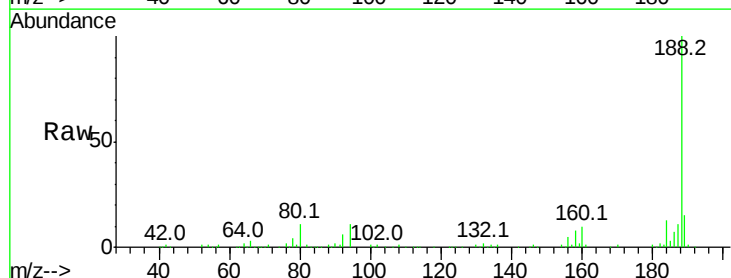
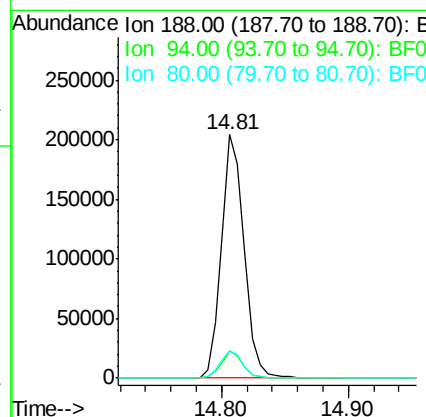
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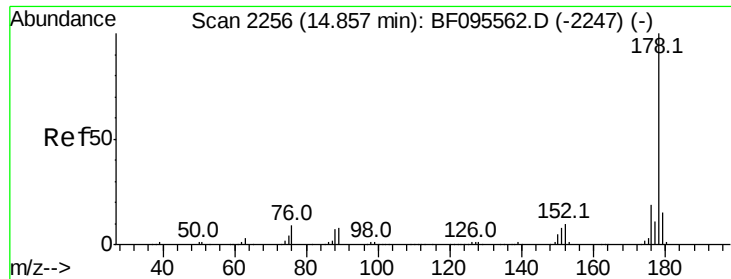
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256146		
94	11.0	9.4	14.2	
80	11.1	10.2	15.2	





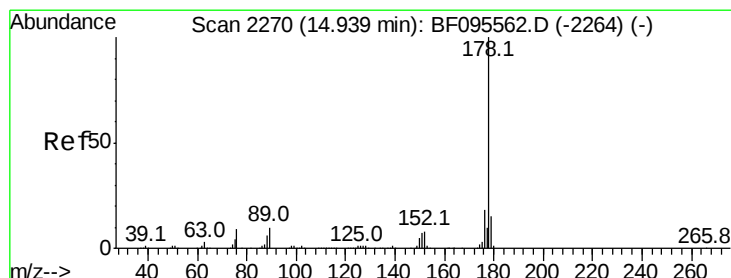
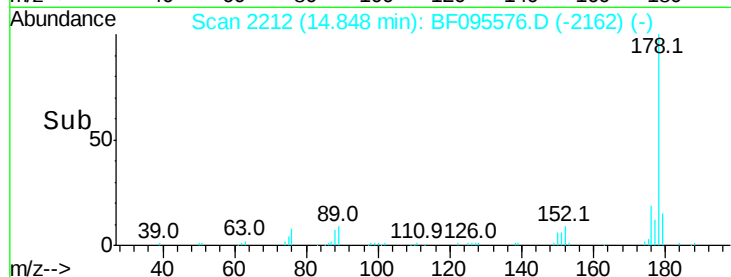
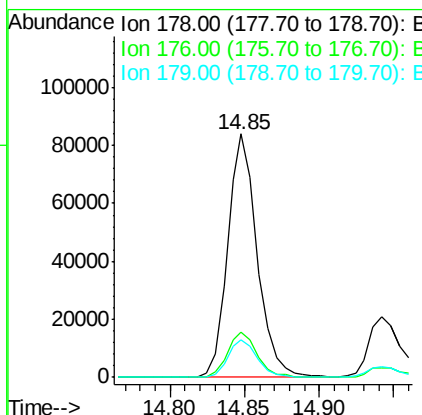
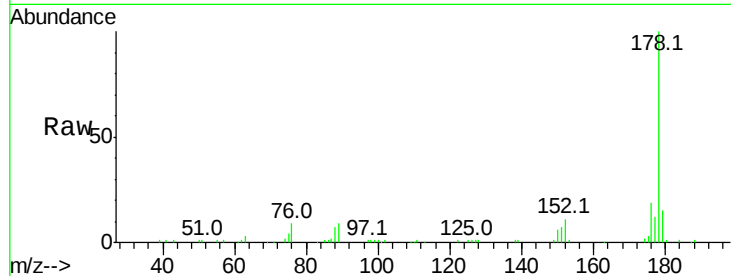
#70
Phenanthrene
Concen: 7.87 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.4	12.6	19.0

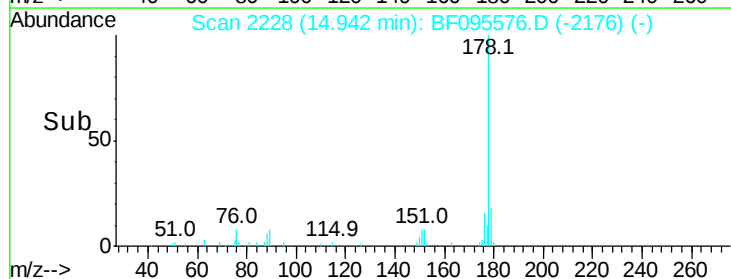
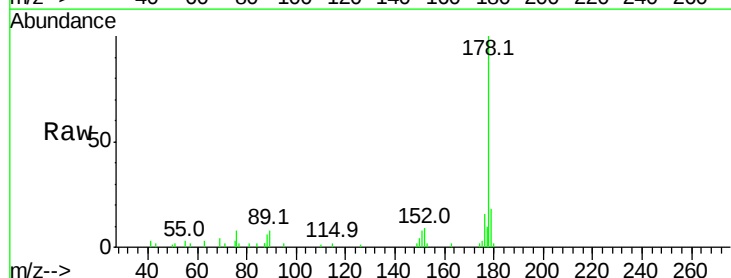
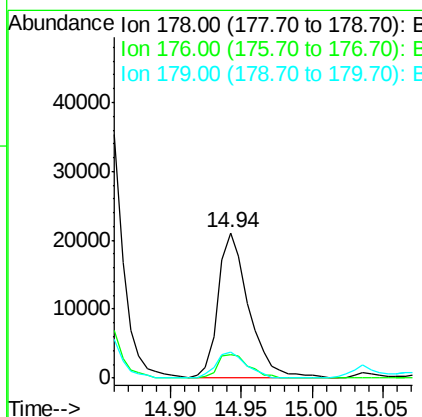
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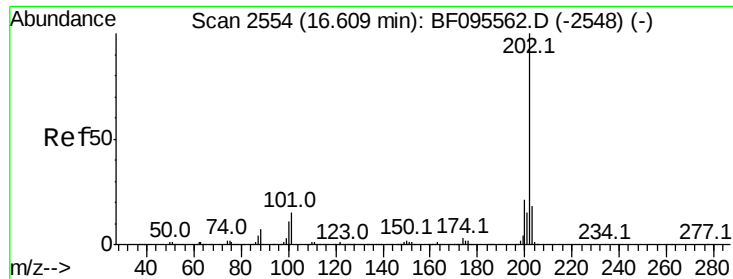
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#71
Anthracene
Concen: 2.13 ng
RT: 14.94 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.1	15.8	23.8
179	17.7	12.7	19.1





#74

Fluoranthene

Concen: 13.58 ng

RT: 16.61 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Instrument :

BNA_F

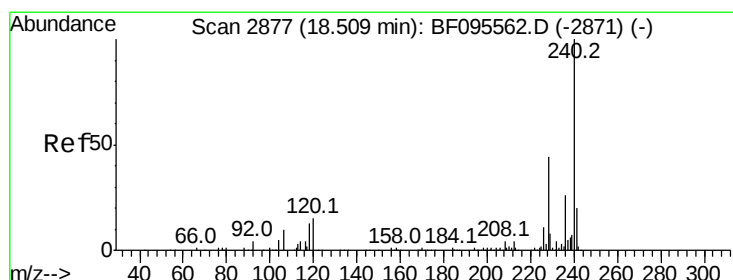
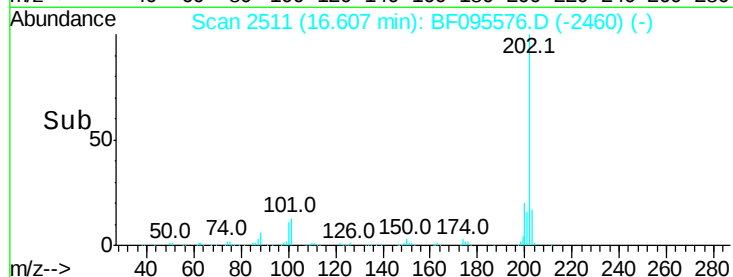
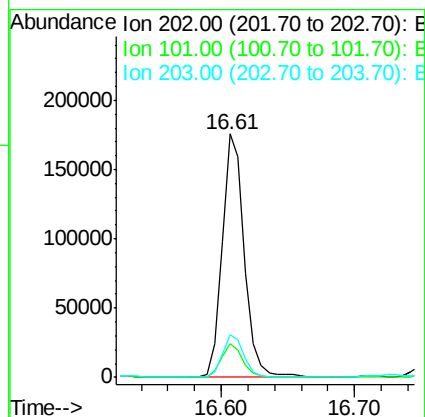
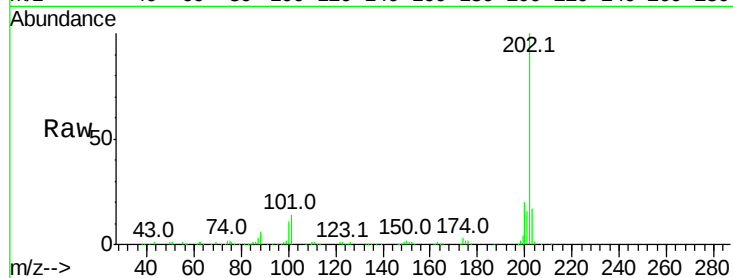
ClientSampleId :

NM11-COMP-6-18

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.4	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

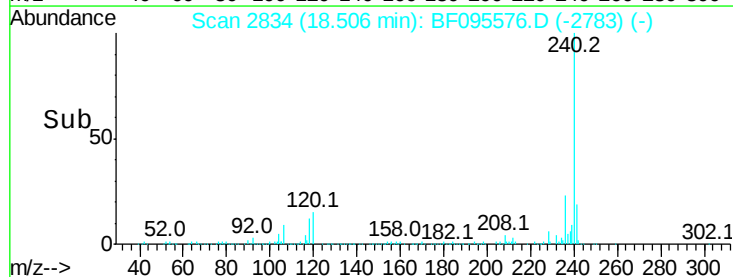
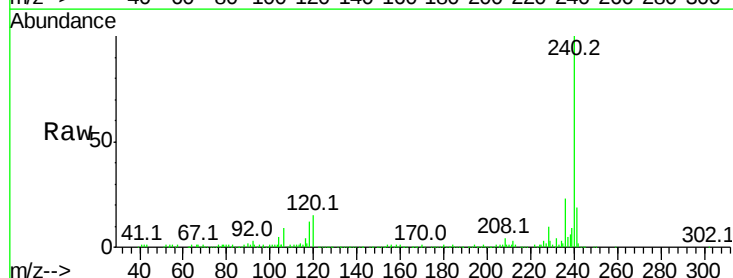
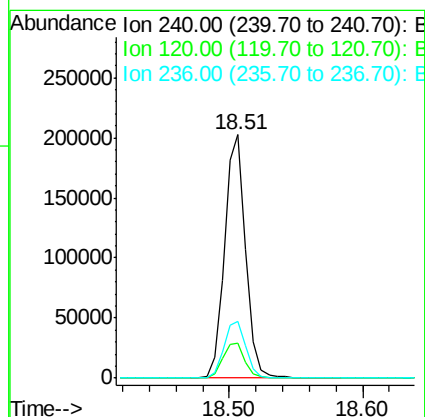
RT: 18.51 min Scan# 2834

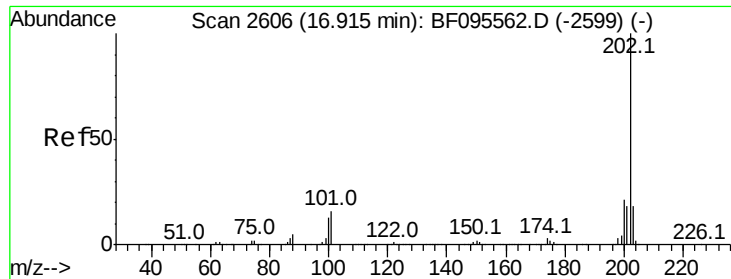
Delta R.T. -0.00 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	23.1	20.5	30.7





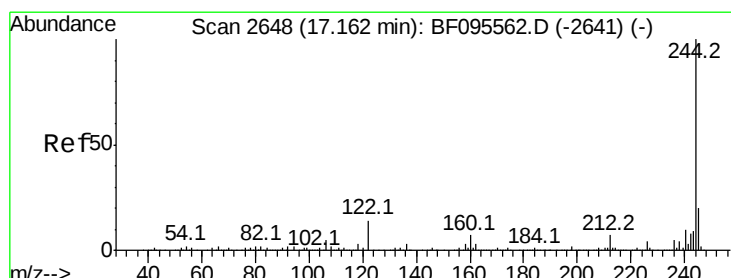
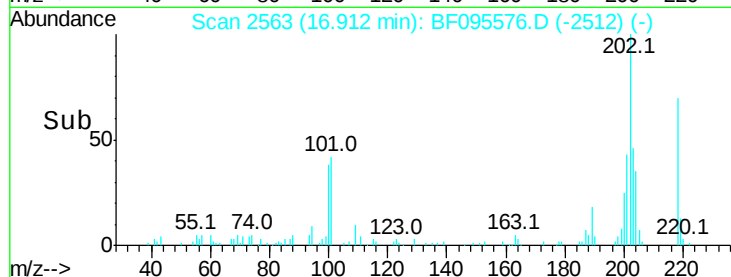
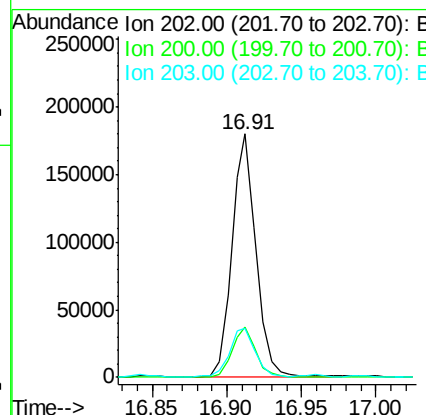
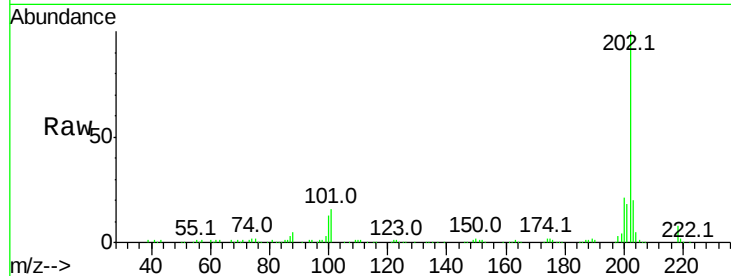
#77
Pvrene
Concen: 12.05 ng
RT: 16.91 min Scan# 2563
Delta R.T. -0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Resp	Lower	Upper
202	100	202012		
200	20.6		17.6	26.4
203	20.3		14.4	21.6

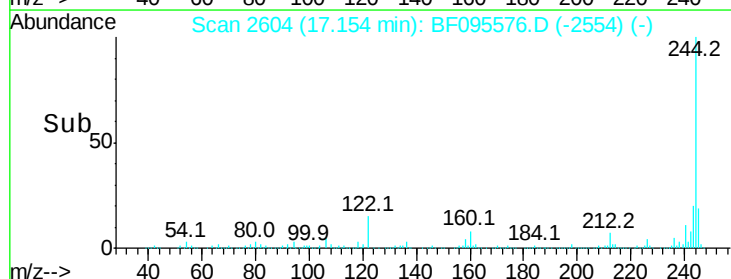
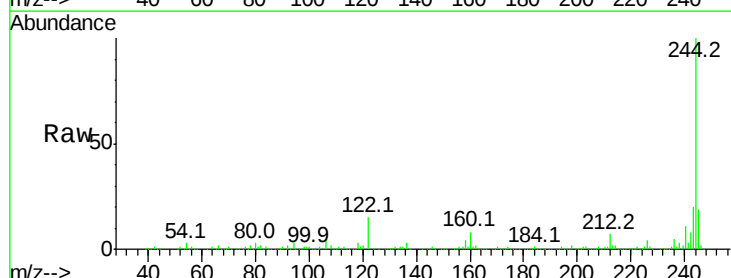
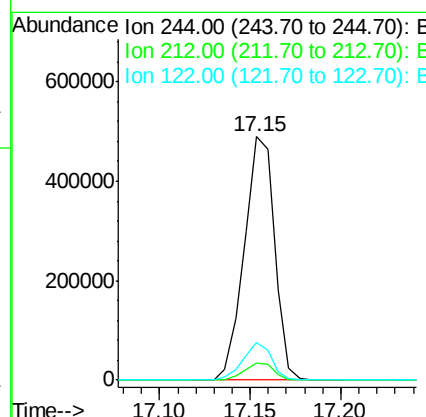
Manual Integrations
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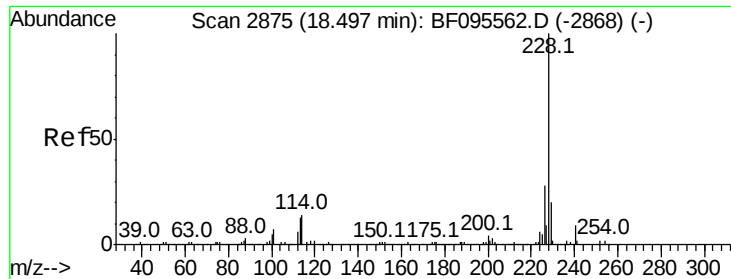
mohammad
6/1/2017 2:20:21 PM



#78
Terphenyl-d14
Concen: 56.00 ng
RT: 17.15 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	569698		
212	7.0		6.0	9.0
122	15.3		10.3	15.5





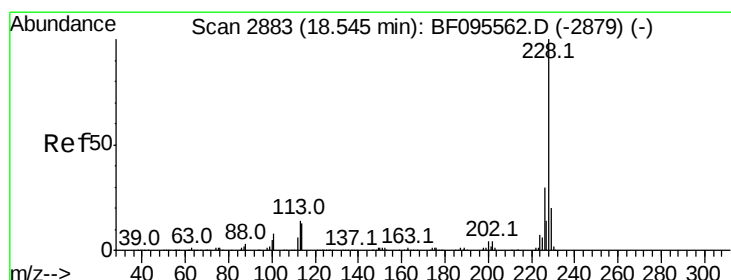
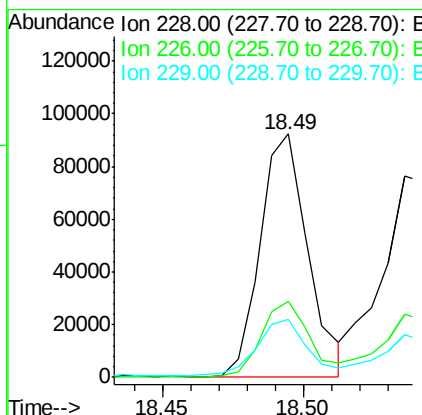
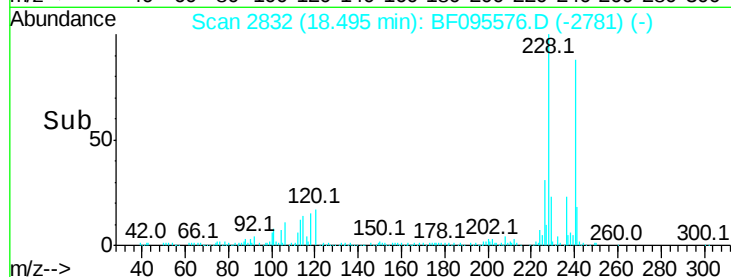
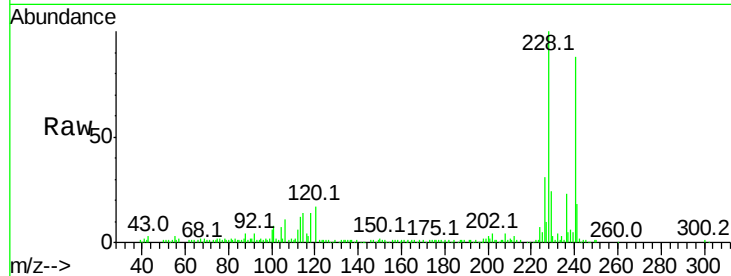
#80
Benzo(a)anthracene
Concen: 8.26 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	23.9	16.3	24.5

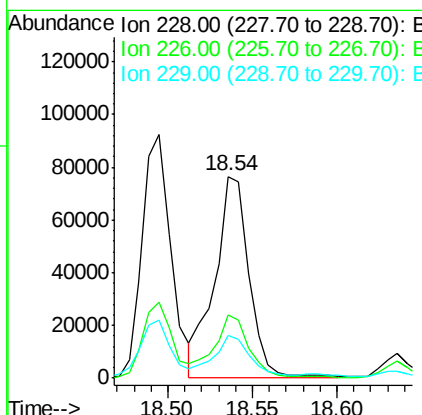
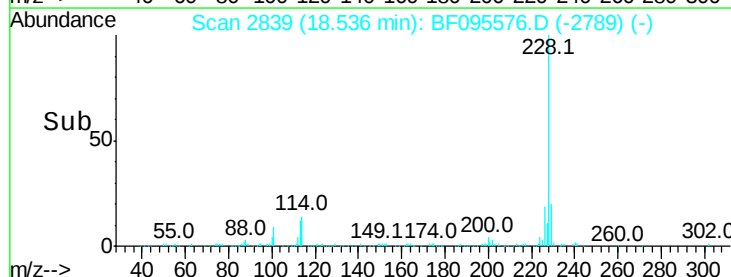
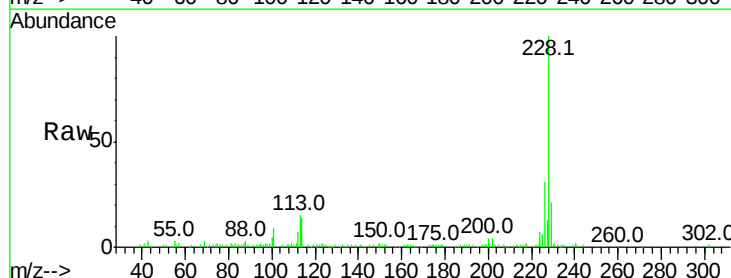
Manual Integrations
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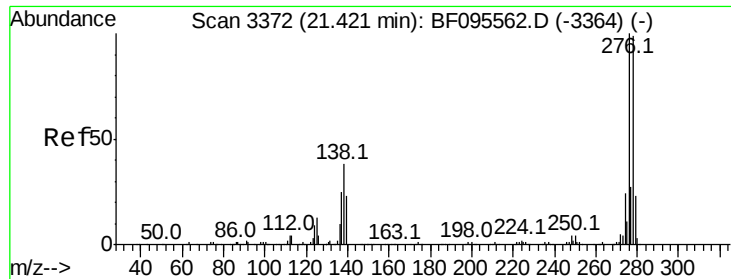
mohammad
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#82
Chrysene
Concen: 8.51 ng
RT: 18.54 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.0	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.84 ng

RT: 21.43 min Scan# 3331

Delta R.T. 0.01 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Instrument :

BNA_F

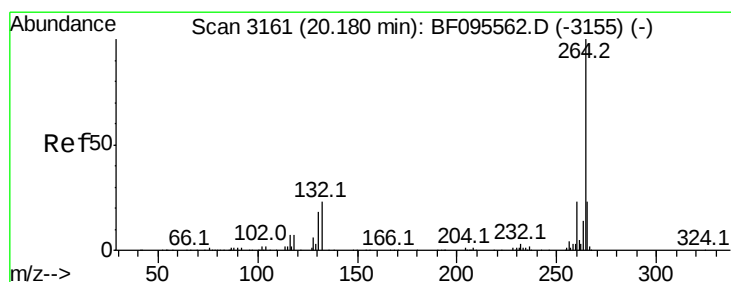
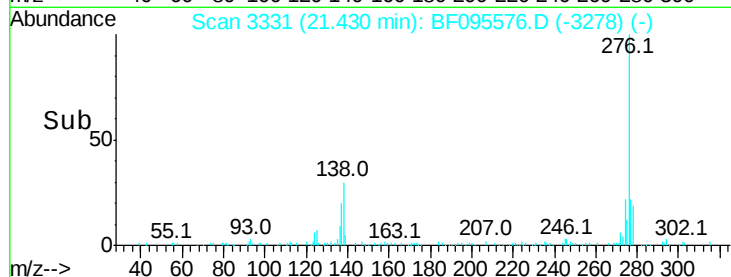
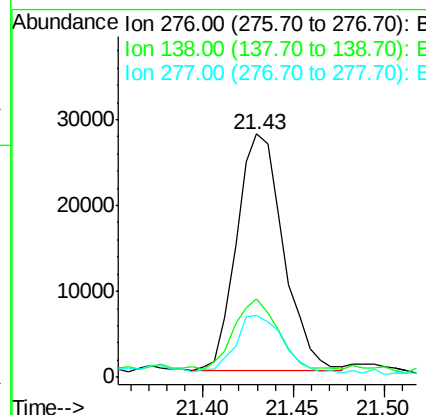
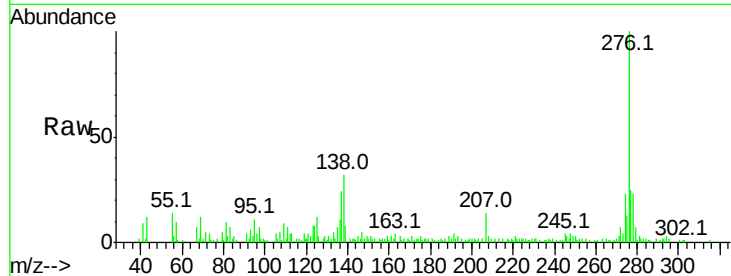
ClientSampleId :

NM11-COMP-6-18

Tot Ion:	276	Resp:	49525
Ion Ratio	Lower	Upper	
276	100		
138	29.0	27.8	41.6
277	25.0	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

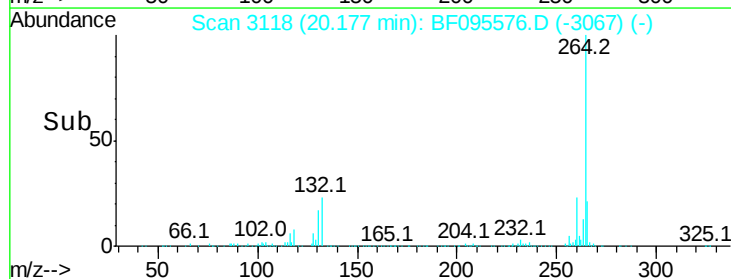
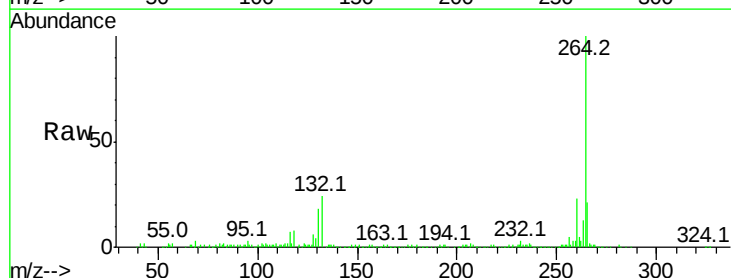
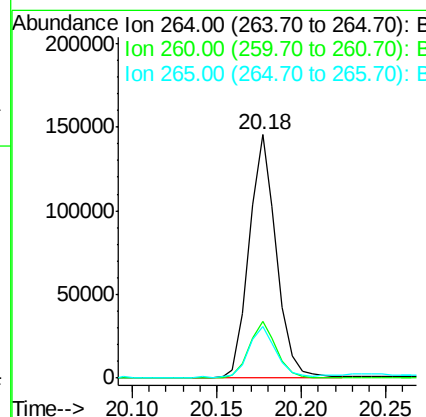
RT: 20.18 min Scan# 3118

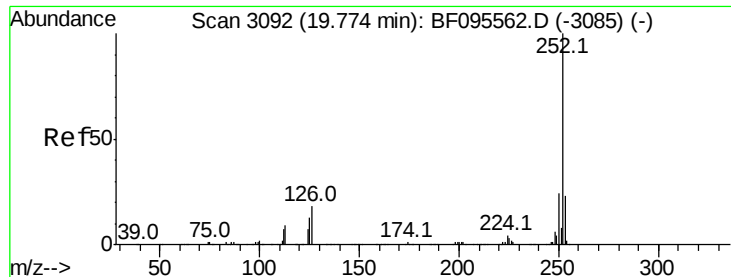
Delta R.T. -0.00 min

Lab File: BF095576.D

Acq: 31 May 2017 21:44

Tgt Ion:	264	Resp:	163510
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8





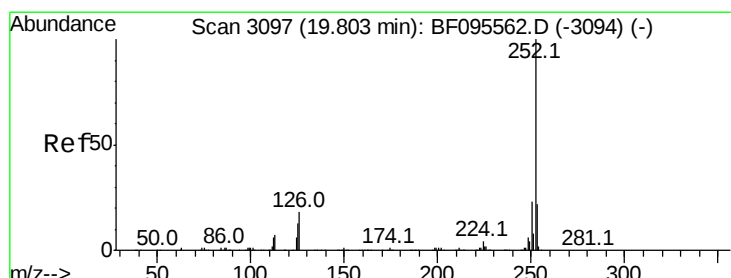
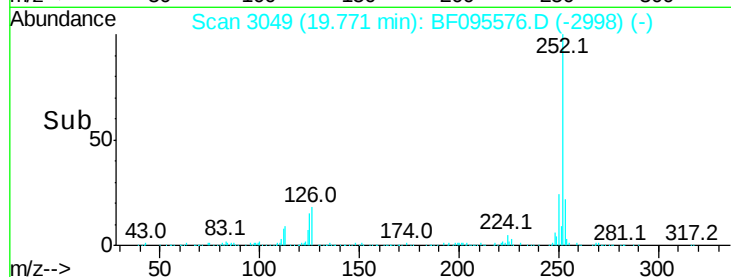
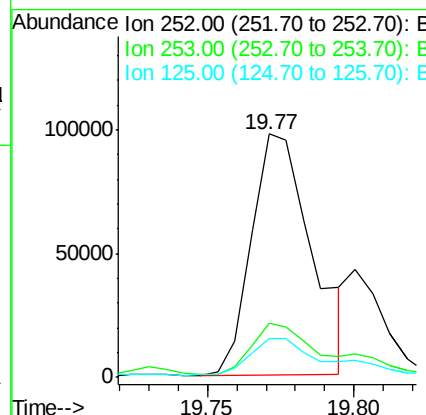
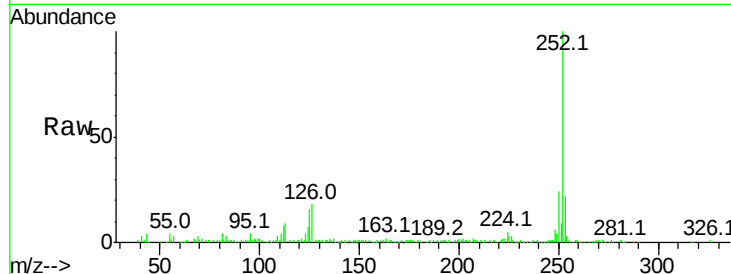
#87
Benzo(b)fluoranthene
Concen: 13.92 ng m
RT: 19.77 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	15.9	9.8	14.8

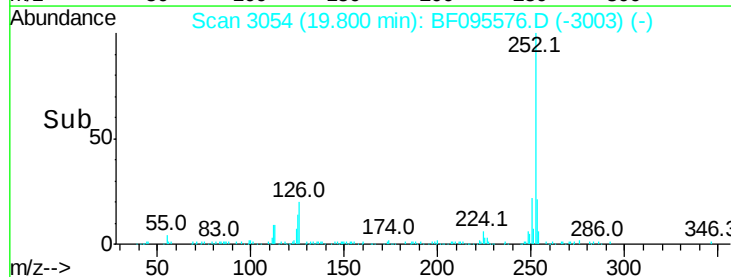
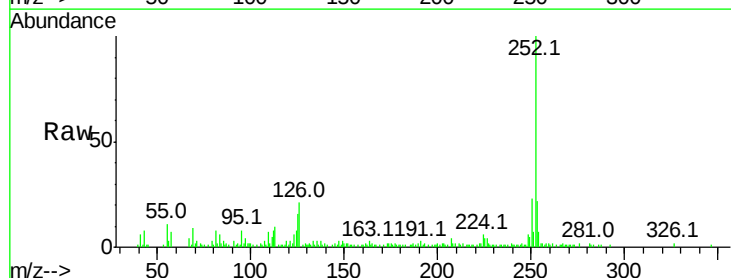
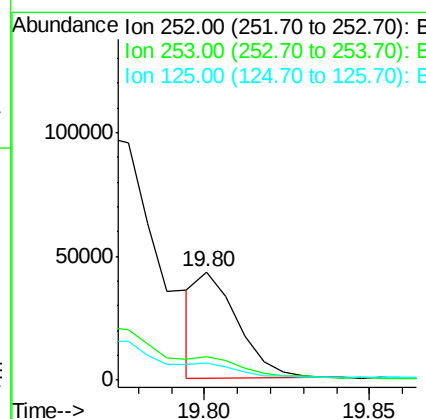
Manual Integrations
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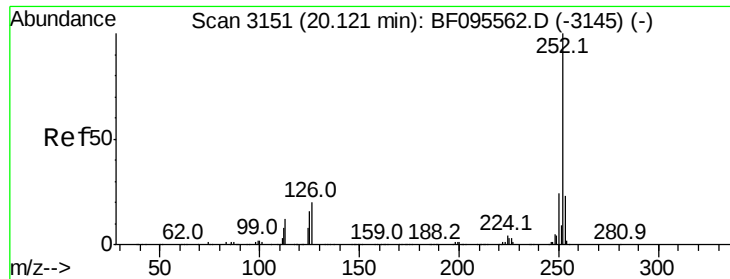
mohammad
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#88
Benzo(k)fluoranthene
Concen: 3.75 ng m
RT: 19.80 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	16.3	13.1	19.7





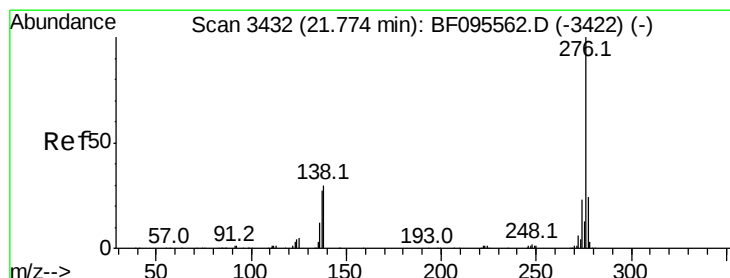
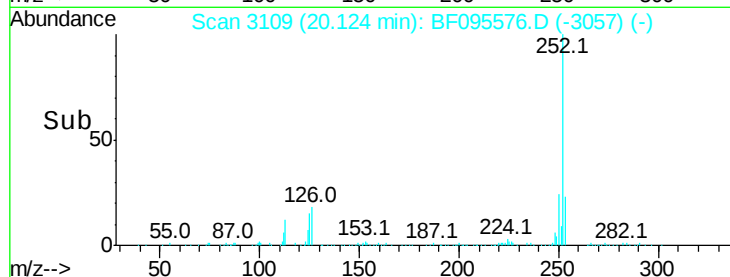
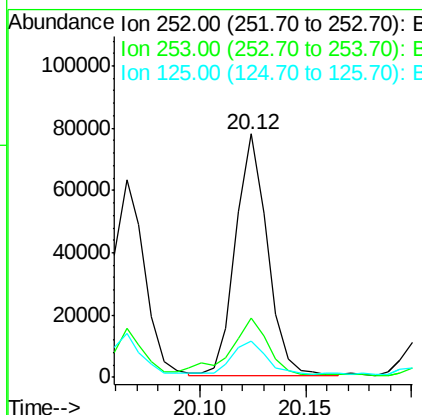
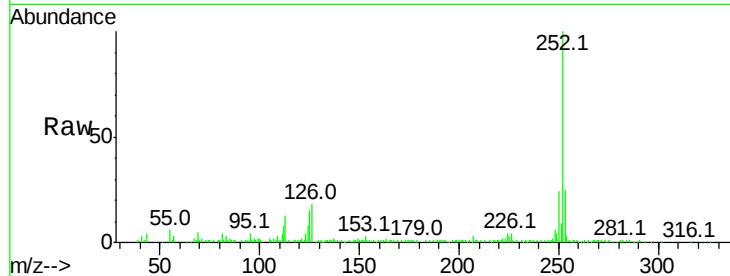
#89
Benzo(a)pyrene
Concen: 8.77 ng
RT: 20.12 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Instrument :
BNA_F
ClientSampleId :
NM11-COMP-6-18

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	15.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.43 ng
RT: 21.79 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF095576.D
Acq: 31 May 2017 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	33.5	25.4	38.0

