

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099195.D
 Acq On : 7 Oct 2017 15:38
 Operator : SJ/JU
 Sample : I5586-17 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G56A-0-3

Manual Integrations
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Quant Time: Oct 08 04:28:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	141481	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	557110	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	223634	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	335341	20.00	ng	0.00
75) Chrysene-d12	14.03	240	249901	20.00	ng	0.00
86) Perylene-d12	15.50	264	211395	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	322263	36.26	ng	0.00
7) Phenol-d6	6.49	99	561275	51.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	337854	38.89	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	2414	1.32	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	644951	48.15	ng	0.00
78) Terphenyl-d14	12.97	244	417991	38.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	88395	5.237	ng	99
70) Phenanthrene	11.41	178	89511	4.987	ng	96
74) Fluoranthene	12.60	202	107583	5.919	ng	98
77) Pyrene	12.83	202	97271	5.105	ng	98
80) Benzo(a)anthracene	14.02	228	42297	2.795	ng	94
82) Chrysene	14.05	228	41475	2.879	ng	97
87) Benzo(b)fluoranthene	15.07	252	48537m	3.734	ng	
89) Benzo(a)pyrene	15.44	252	29351	2.460	ng	# 80

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

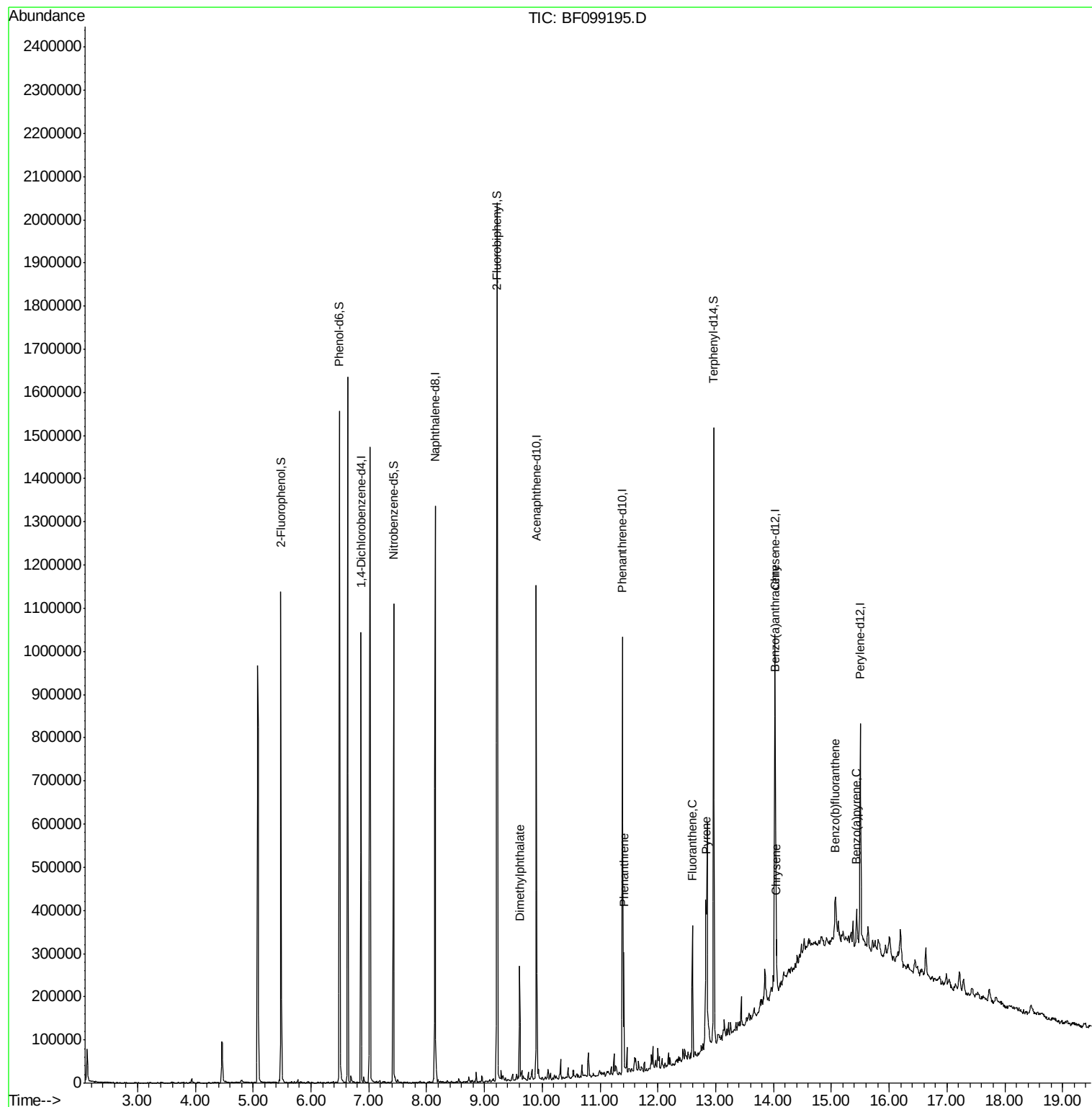
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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ALS Vial : 12 Sample Multiplier: 1

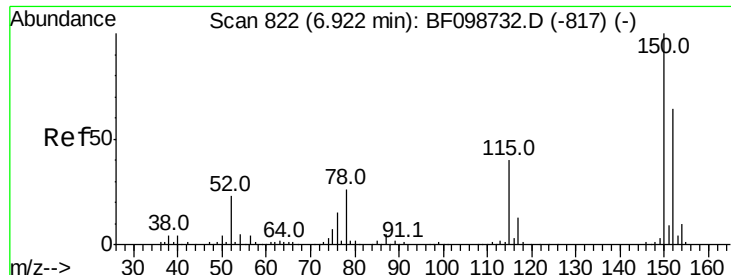
Instrument :
BNA_F
ClientSampleId :
G56A-0-3

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#1

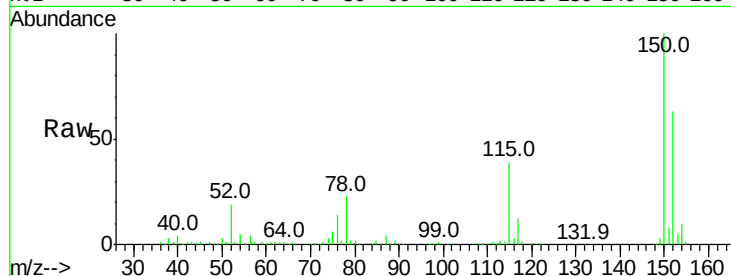
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Instrument :
BNA_F
ClientSampled :
G56A-0-3

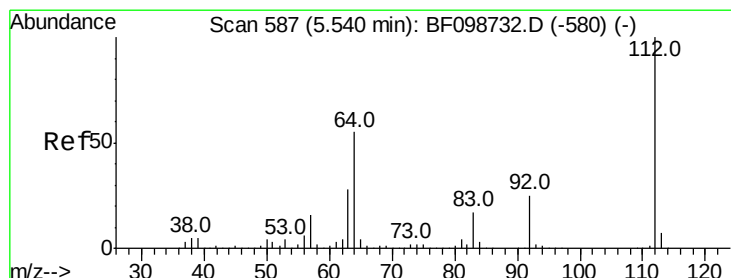
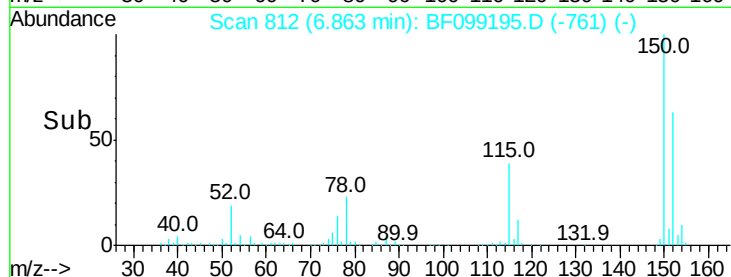
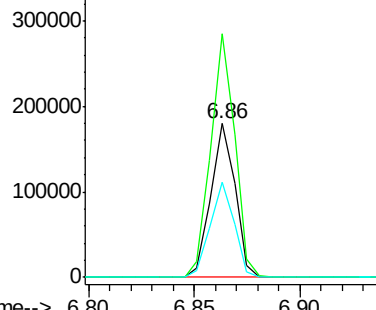
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	62.0	50.1	75.1

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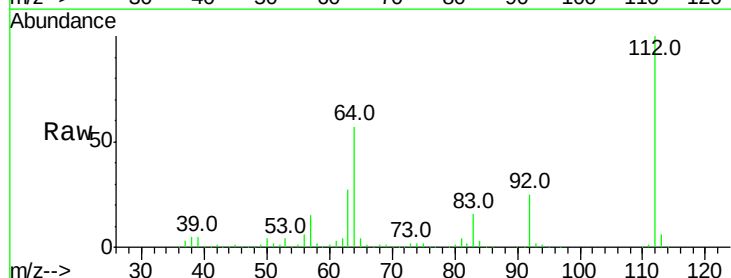
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



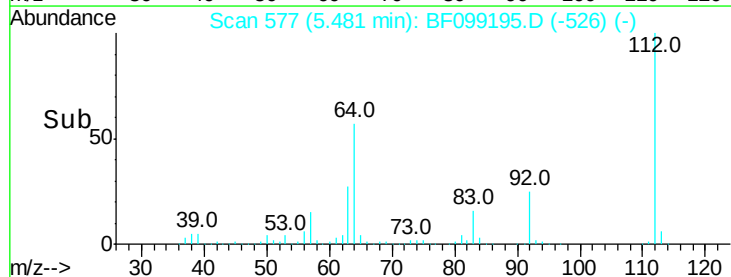
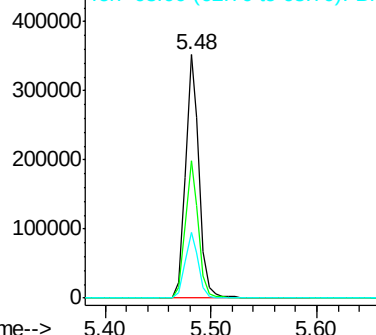
#5

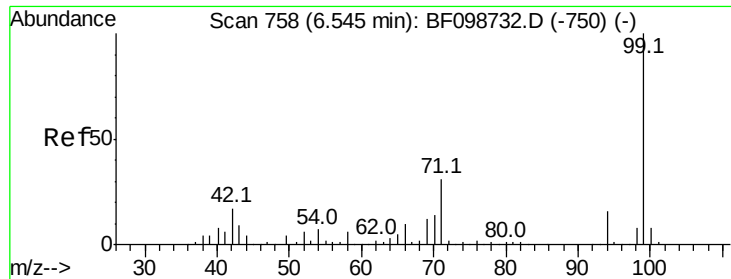
2-Fluorophenol
Concen: 36.260 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	27.1	23.7	35.5



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: 51.193 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

Instrument :

BNA_F

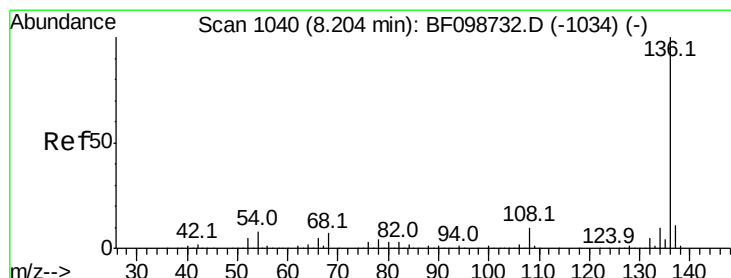
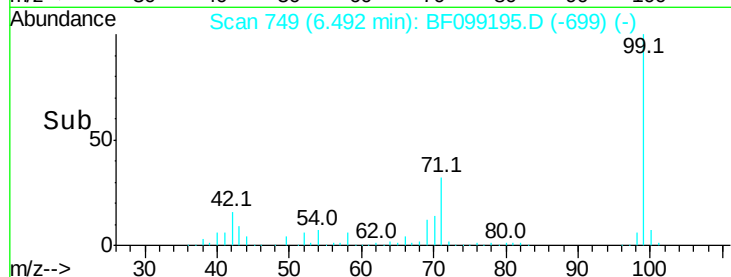
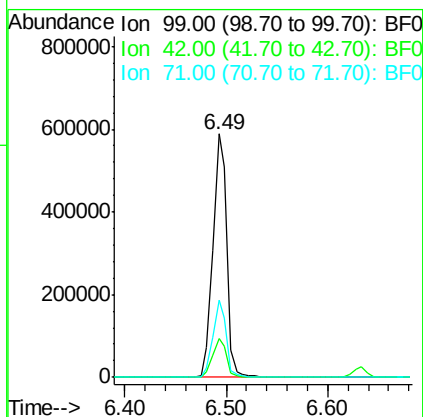
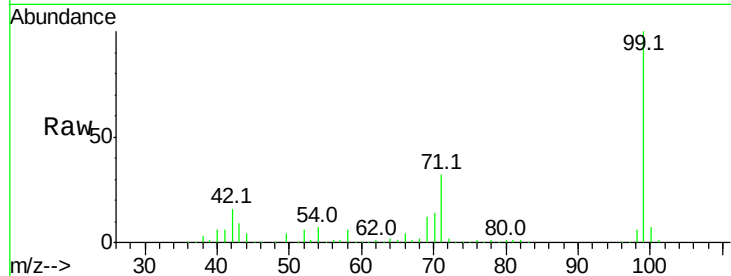
ClientSampleId :

G56A-0-3

Tot Ion:	99	Resp:	561275
Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

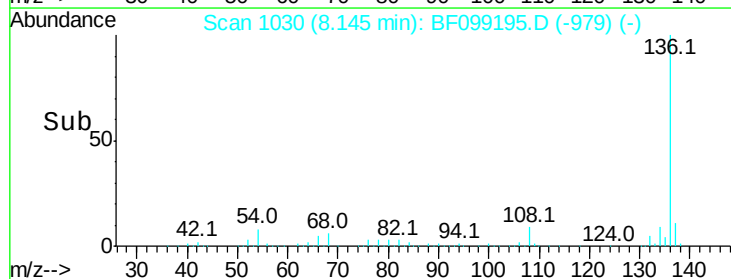
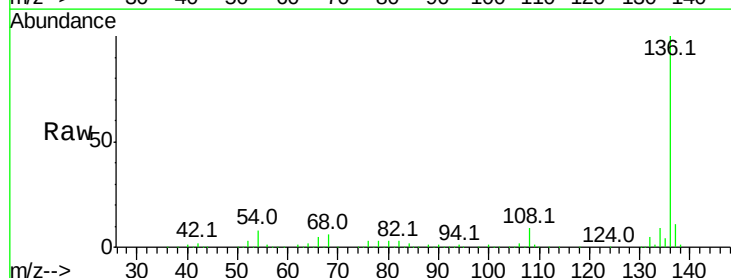
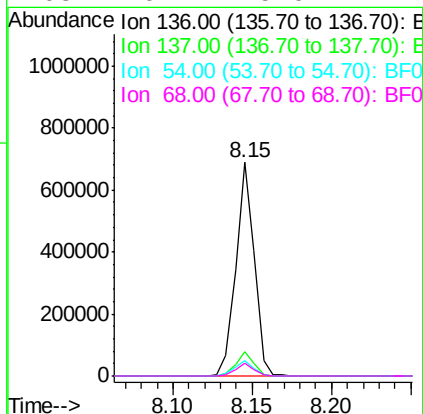
RT: 8.15 min Scan# 1030

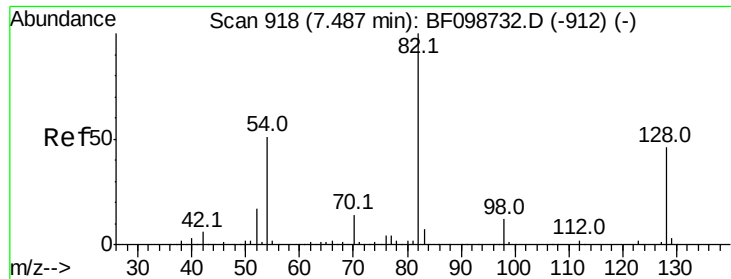
Delta R.T. -0.00 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

Tgt Ion:	136	Resp:	557110
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.1	5.0	7.4





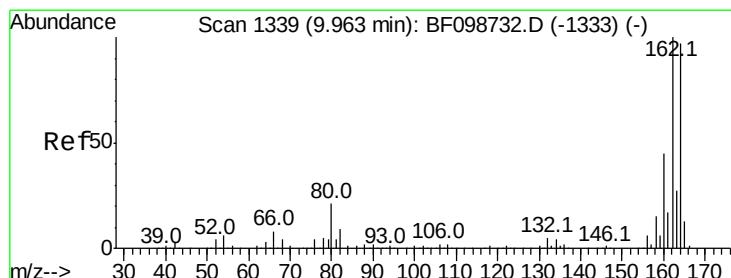
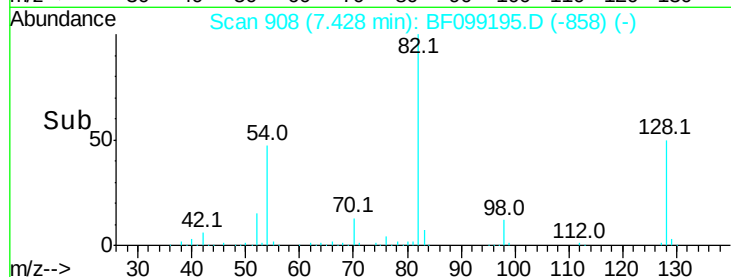
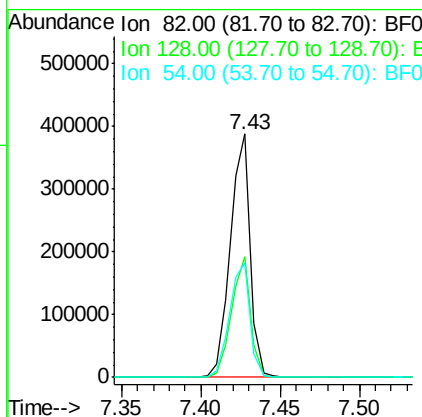
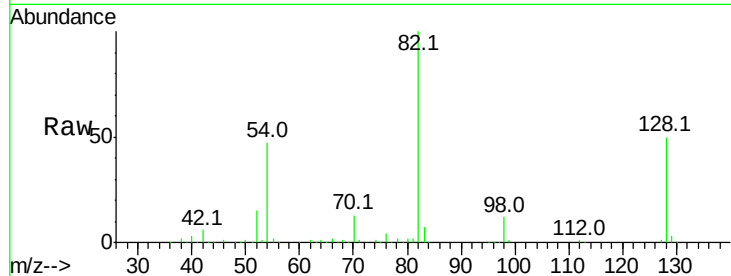
#23
 Nitrobenzene-d5
 Concen: 38.891 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099195.D
 Acq: 7 Oct 2017 15:38

Instrument :
 BNA_F
 ClientSampleID :
 G56A-0-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	47.1	41.4	62.2

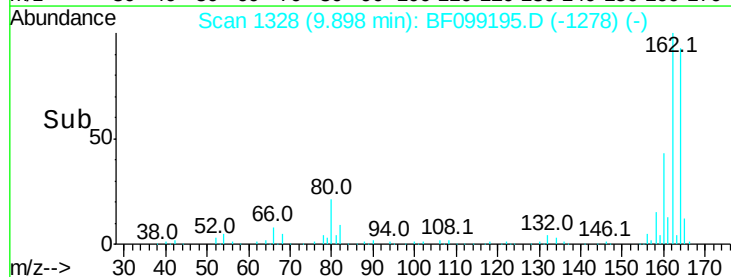
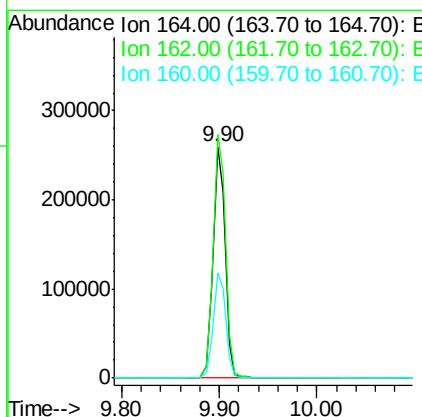
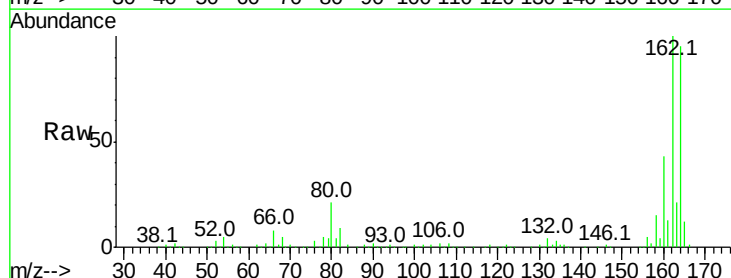
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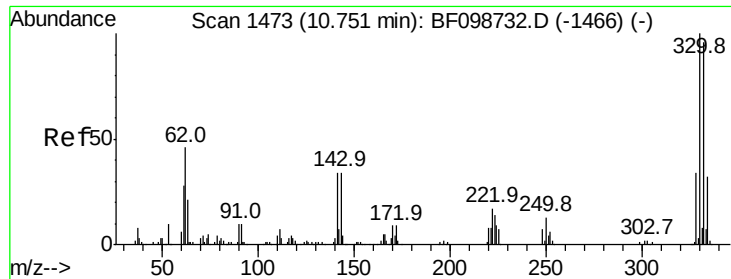
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099195.D
 Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 1.319 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

Instrument :

BNA_F

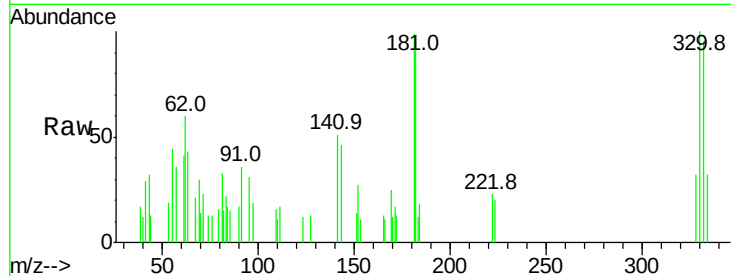
ClientSampled :

G56A-0-3

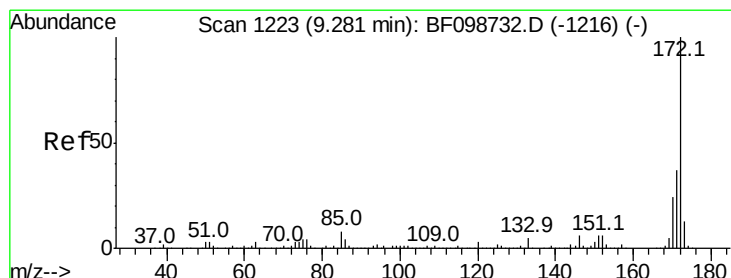
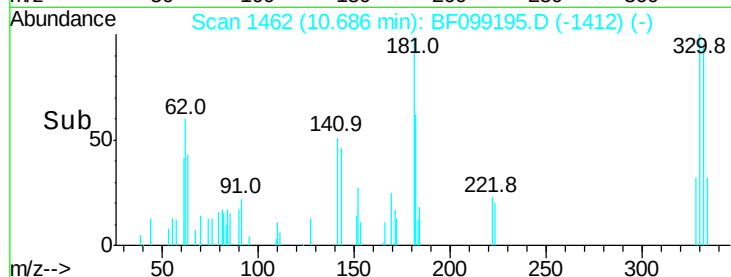
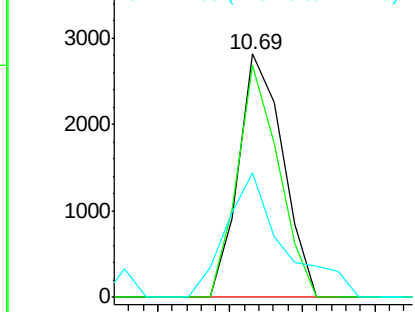
Tot Ion:	330	Resp:	2414
Ion Ratio	Lower	Upper	
330	100		
332	89.4	77.0	115.6
141	66.6	29.9	44.9#

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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: 48.145 ng

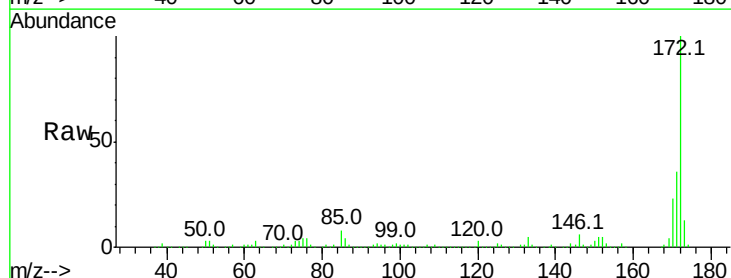
RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

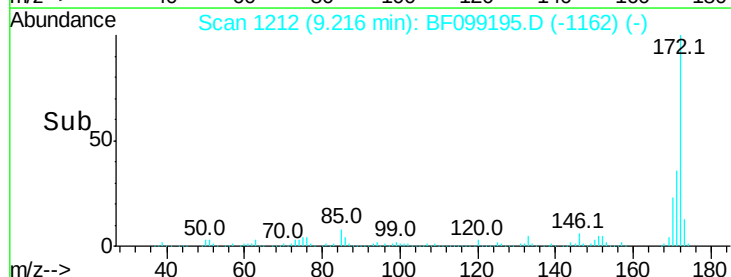
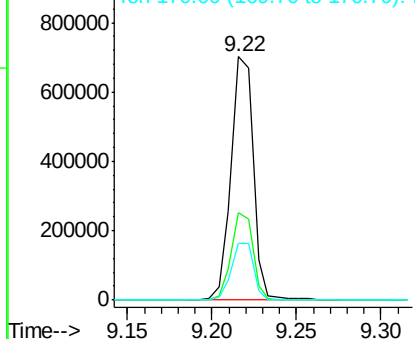
Lab File: BF099195.D

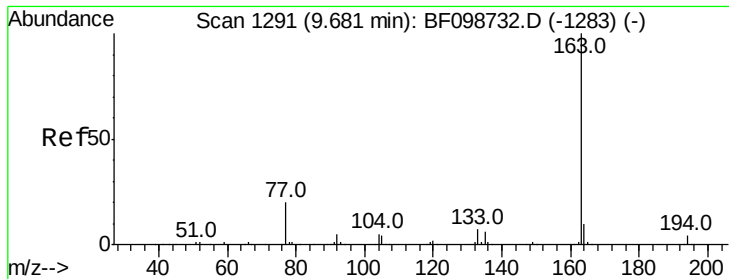
Acq: 7 Oct 2017 15:38

Tgt Ion:	172	Resp:	644951
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4



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





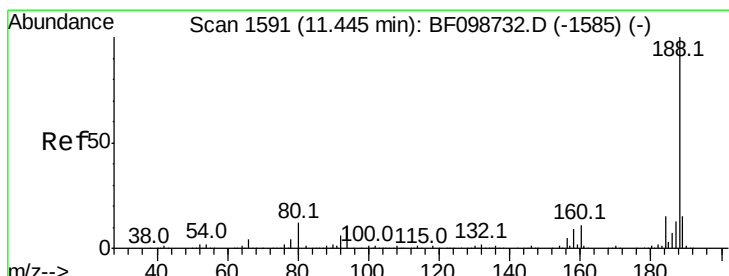
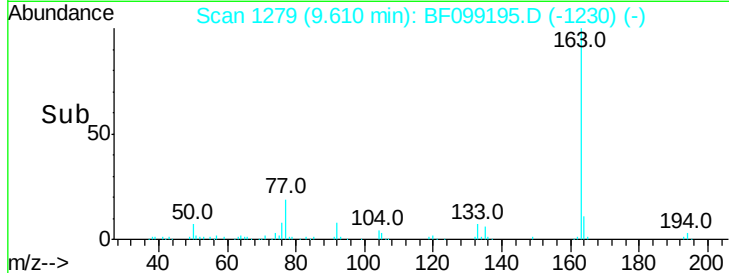
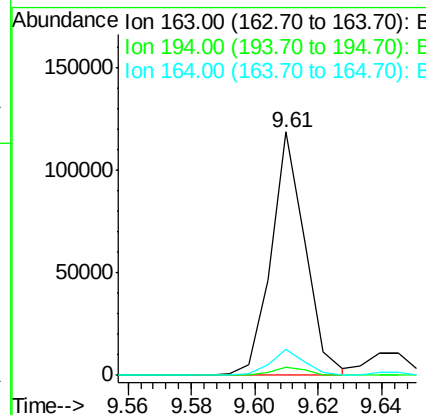
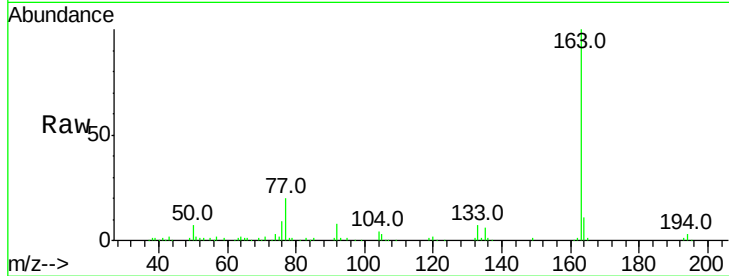
#49
Dimethylphthalate
Concen: 5.237 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :
G56A-0-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.7	8.2	12.2	

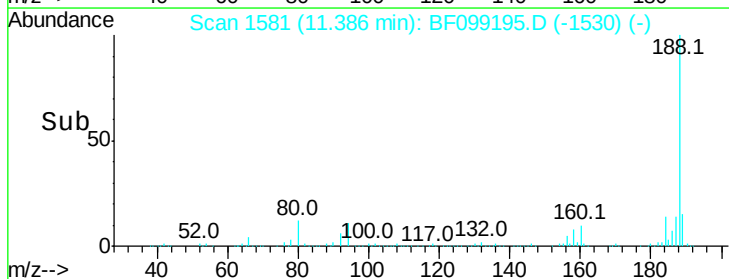
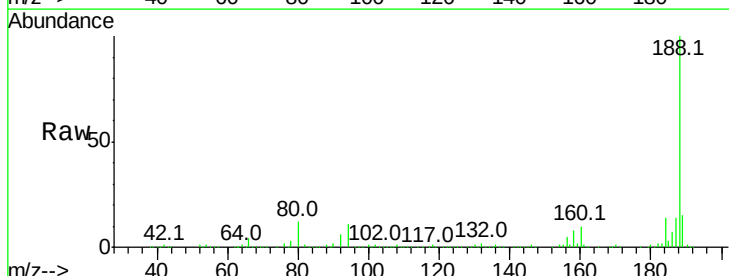
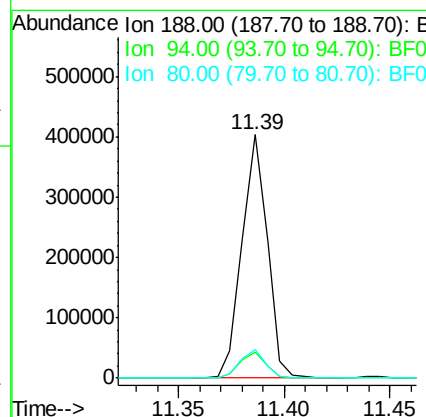
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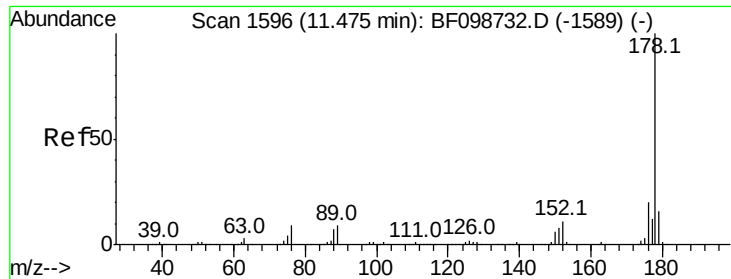
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	8.5	12.7	
80	11.7	9.2	13.8	





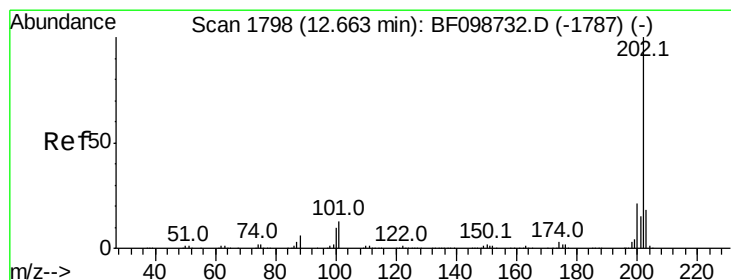
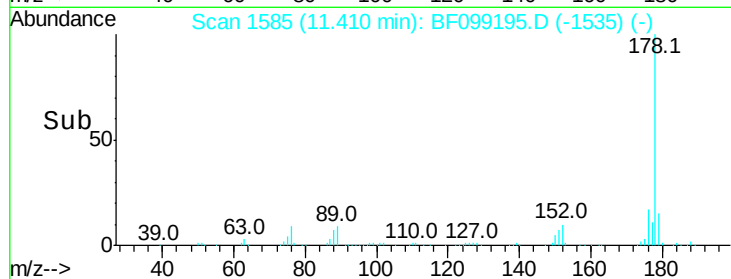
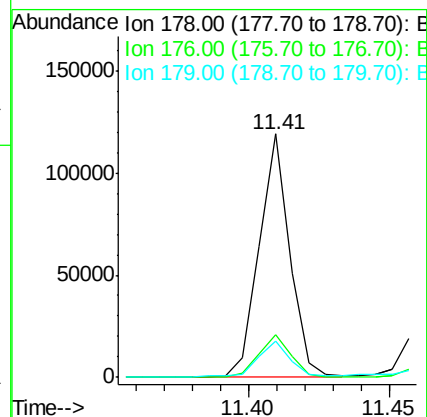
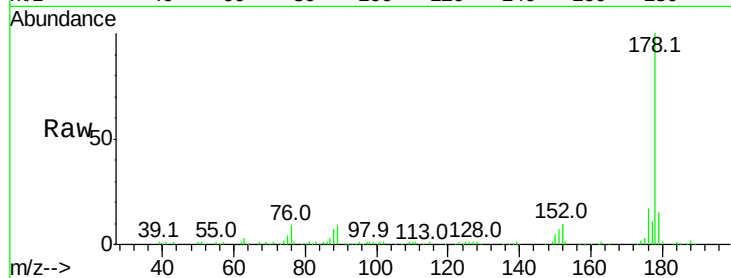
#70
Phenanthrene
Concen: 4.987 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :
G56A-0-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.8	23.8
179	14.9	13.0	19.6

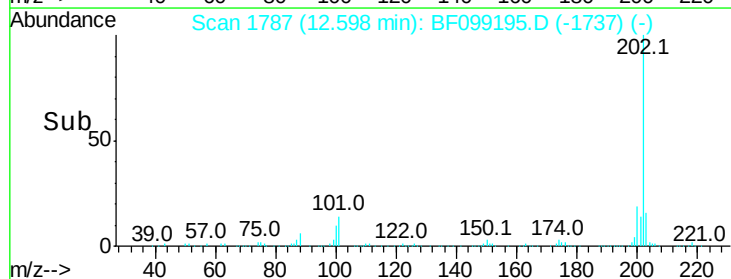
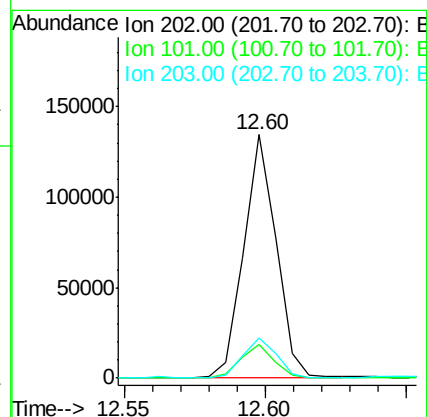
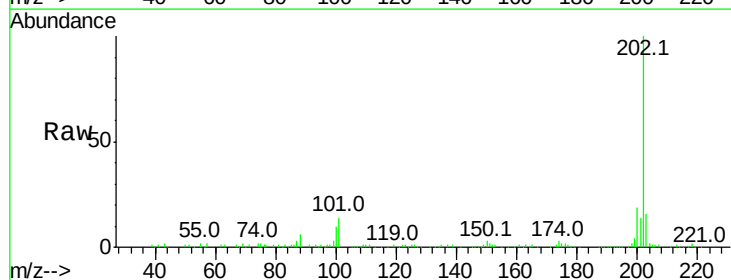
Manual Integrations
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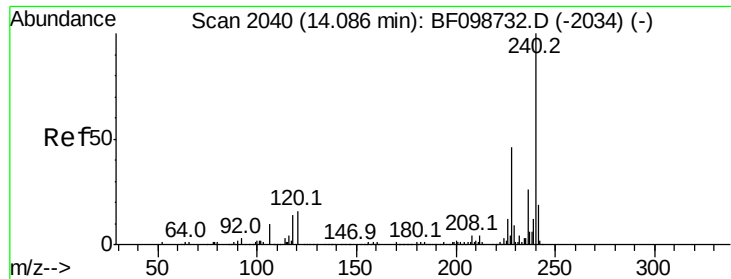
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#74
Fluoranthene
Concen: 5.919 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	16.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

Instrument :

BNA_F

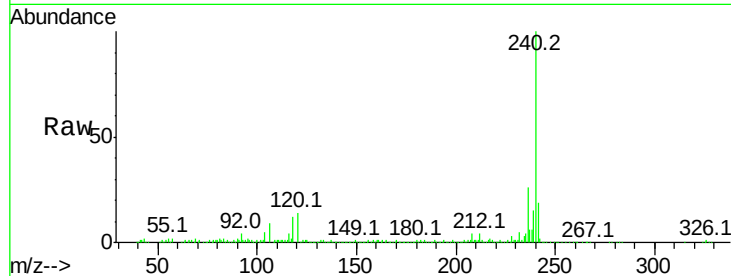
ClientSampleId :

G56A-0-3

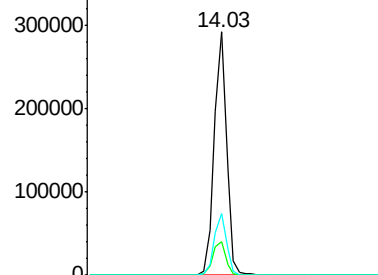
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
APPROVED

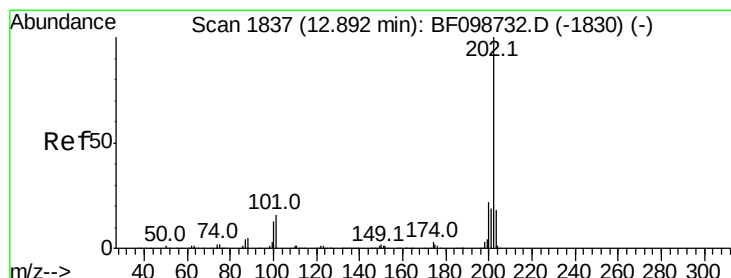
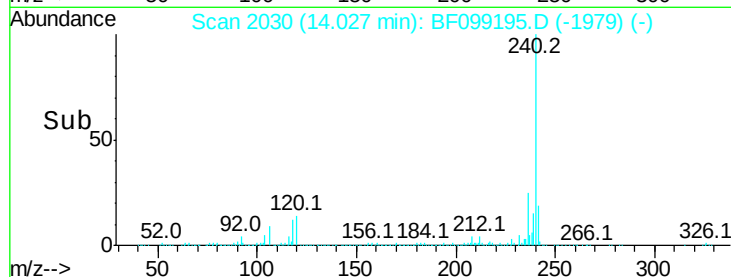
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 5.105 ng

RT: 12.83 min Scan# 1826

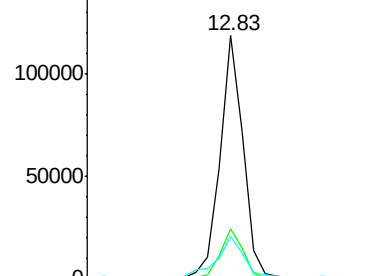
Delta R.T. -0.01 min

Lab File: BF099195.D

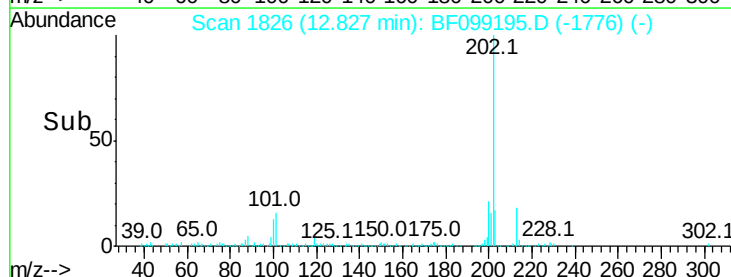
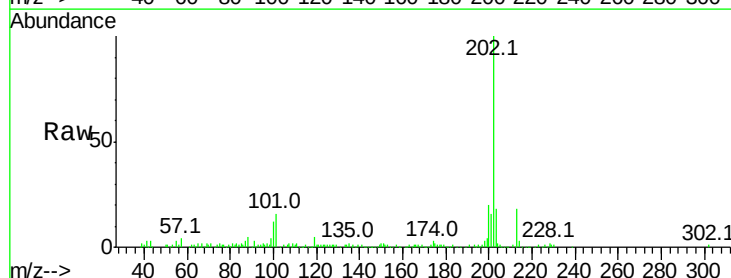
Acq: 7 Oct 2017 15:38

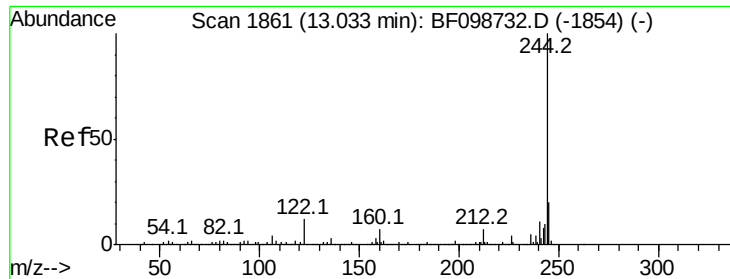
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.6	14.3	21.5

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



Time-->





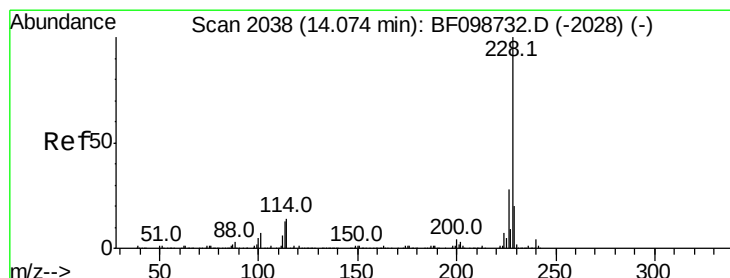
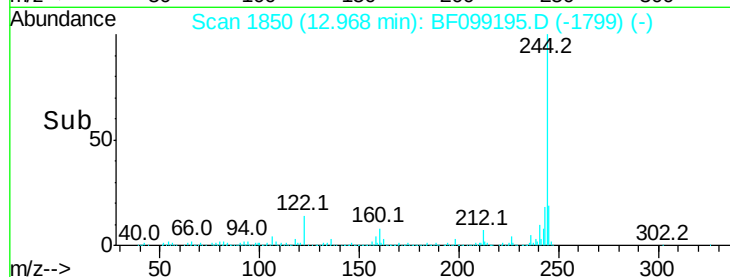
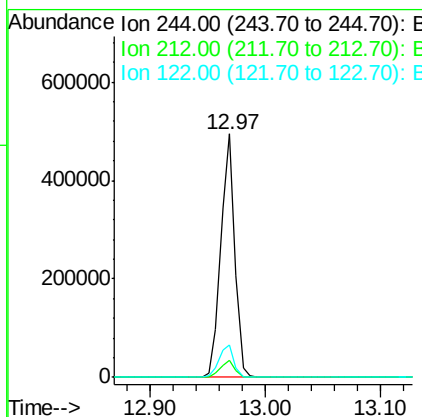
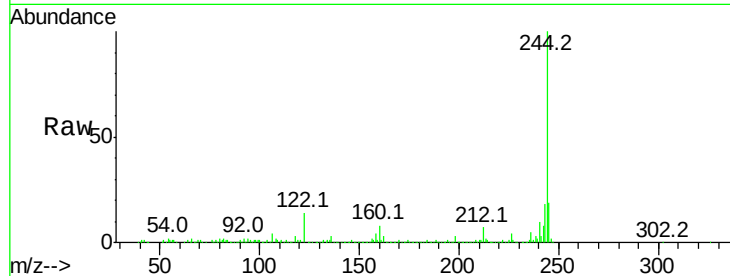
#78
 Terphenyl-d14
 Concen: 38.039 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF099195.D
 Acq: 7 Oct 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 G56A-0-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4

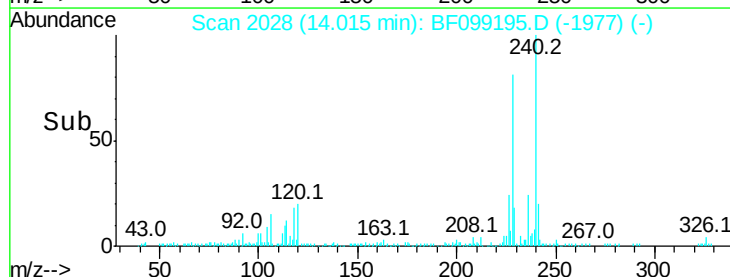
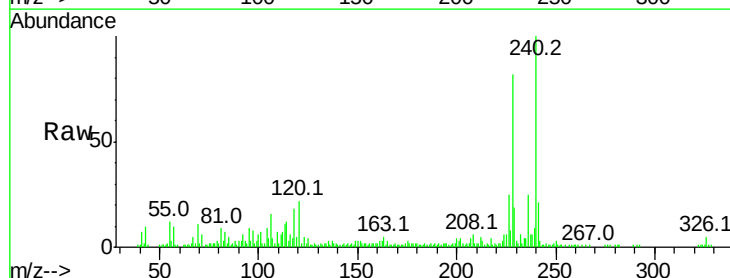
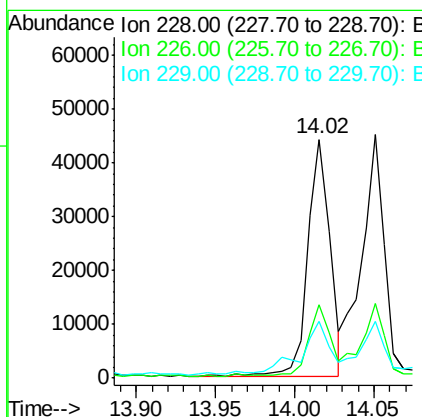
Manual Integrations
 APPROVED

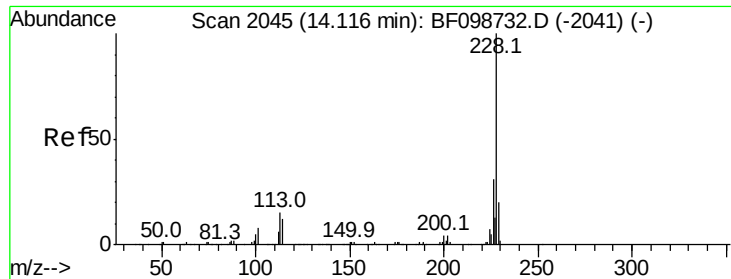
Sohil
 10/9/2017 6:34:06 PM



#80
 Benzo(a)anthracene
 Concen: 2.795 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099195.D
 Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	23.6	15.8	23.6





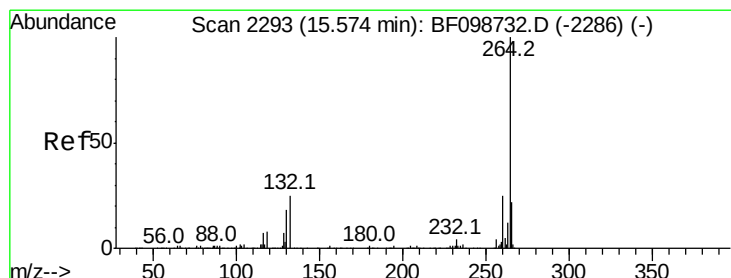
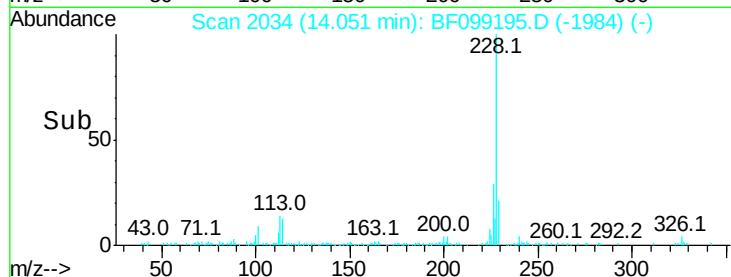
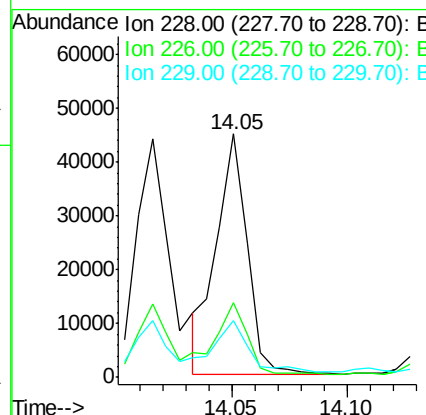
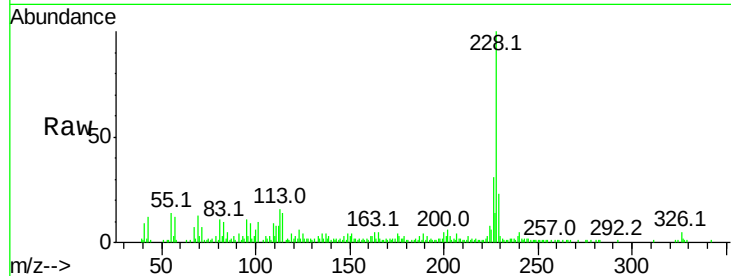
#82
Chrysene
Concen: 2.879 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Instrument :
BNA_F
ClientSampleId :
G56A-0-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.1	16.2	24.4

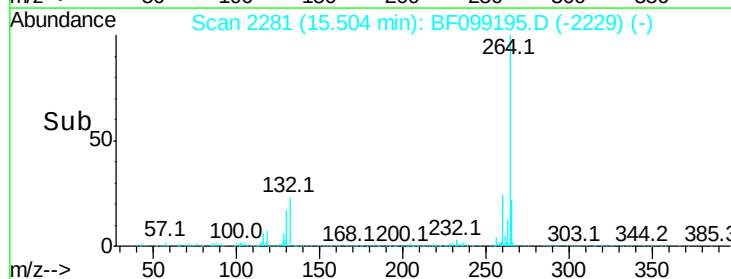
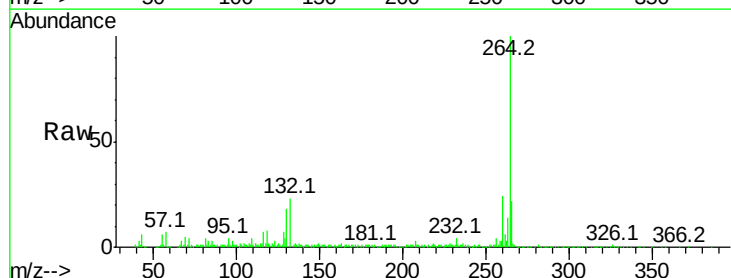
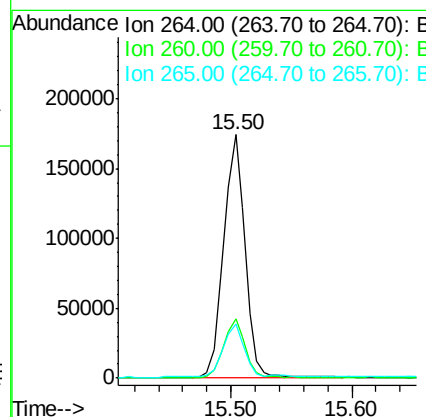
Manual Integrations
APPROVED

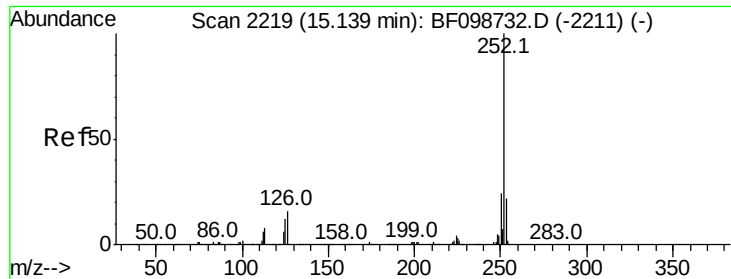
Sohil
10/9/2017 6:34:06 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF099195.D
Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.734 ng/mL

RT: 15.07 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

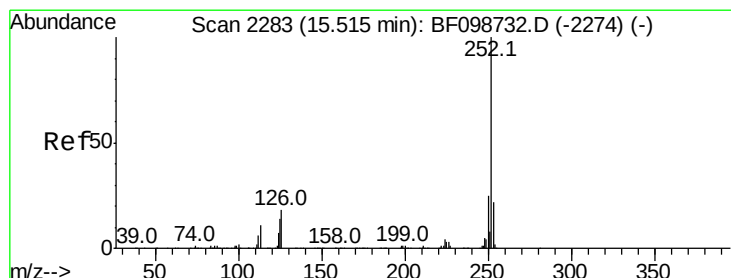
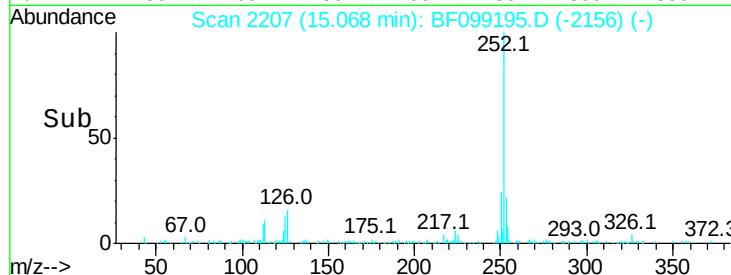
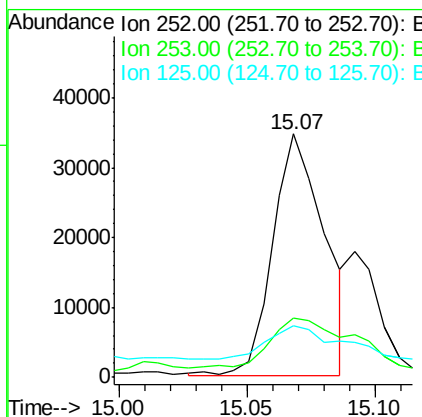
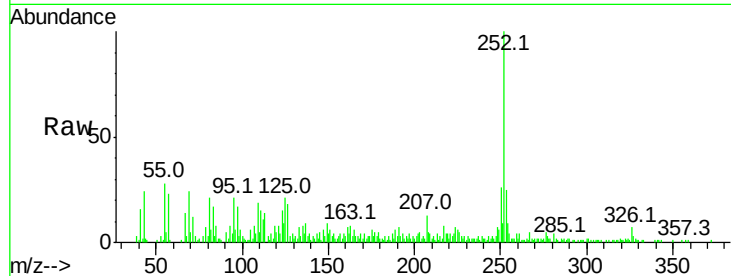
Instrument :
BNA_F

ClientSampleId :
G56A-0-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	21.0	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/9/2017 6:34:06 PM



#89

Benzo(a)pyrene

Concen: 2.460 ng/mL

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099195.D

Acq: 7 Oct 2017 15:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.1	25.7
125	24.8	9.8	14.6

