

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104267.D
 Acq On : 5 Apr 2018 10:40
 Operator : JU/SJ
 Sample : J2179-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032918-SIDI-E-D-S

Manual Integrations
 APPROVED

Sohil
 4/5/2018 4:39:40 PM

Quant Time: Apr 05 11:48:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102217	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	460570	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	201802	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	313496	20.00	ng	0.00
75) Chrysene-d12	14.14	240	226365	20.00	ng	0.00
86) Perylene-d12	15.67	264	194048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	252090m	39.33	ng	0.01
7) Phenol-d6	6.61	99	272353m	34.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	716215	95.10	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	54501	24.25	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1368142	106.91	ng	0.00
78) Terphenyl-d14	13.06	244	974748	99.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	38409	2.411	ng	Qvalue 96

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

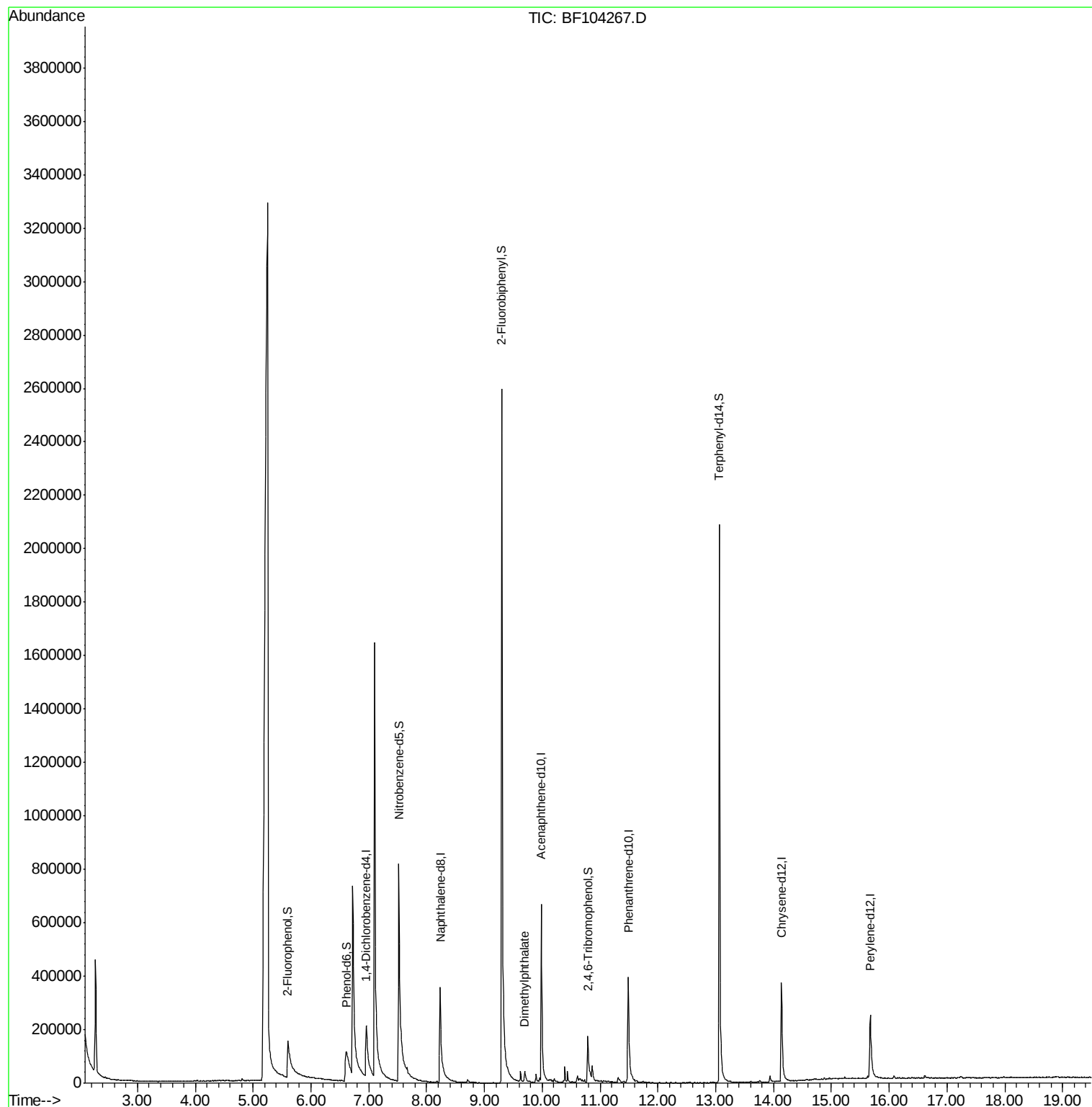
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104267.D
Acq On : 5 Apr 2018 10:40
Operator : JU/SJ
Sample : J2179-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

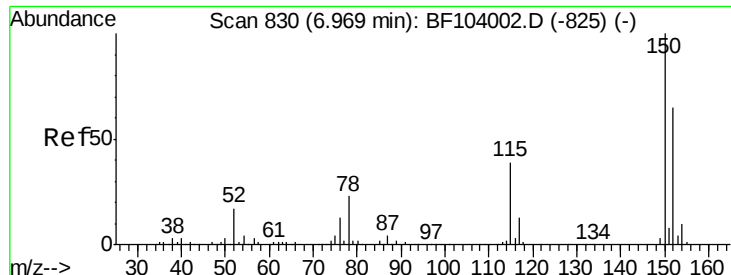
Instrument :
BNA_F
ClientSampleId :
032918-SIDI-E-D-S

Manual Integrations
APPROVED

Sohil
4/5/2018 4:39:40 PM

Quant Time: Apr 05 11:48:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration





#1

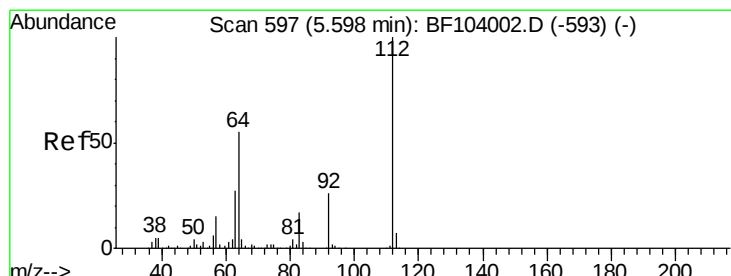
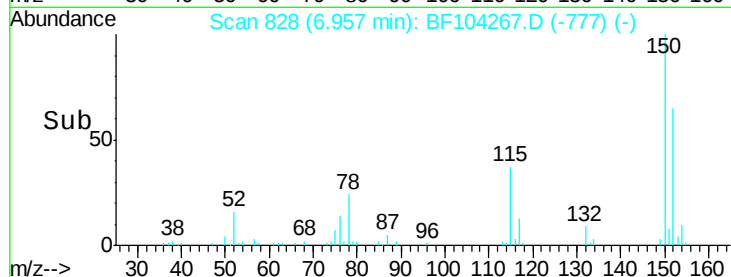
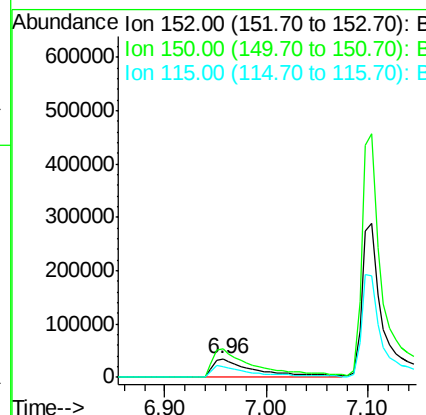
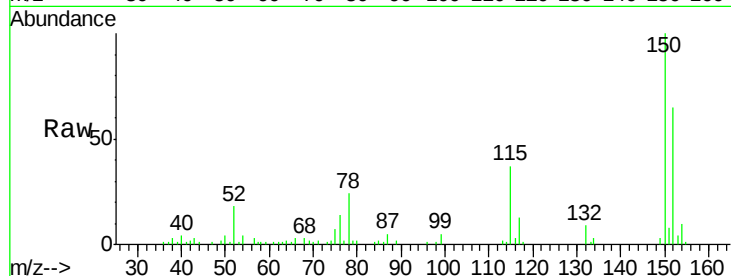
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
032918-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	57.2	50.1	75.1

Manual Integrations
APPROVED

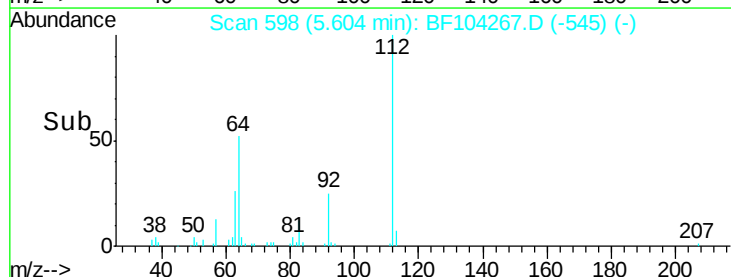
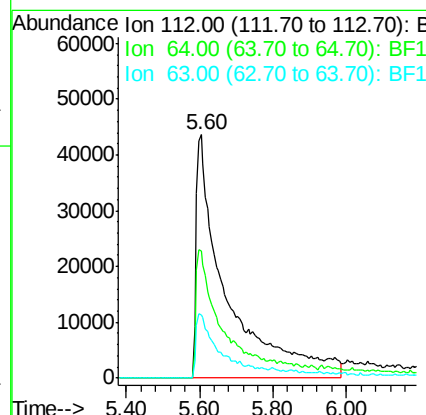
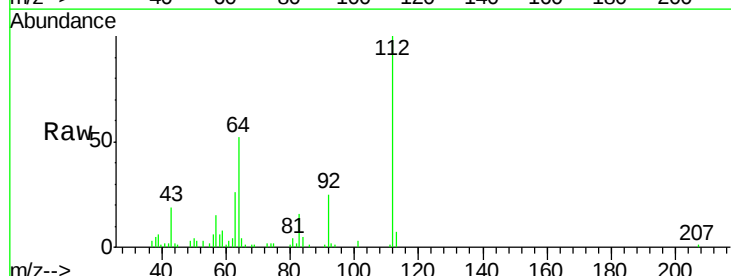
Sohil
4/5/2018 4:39:40 PM

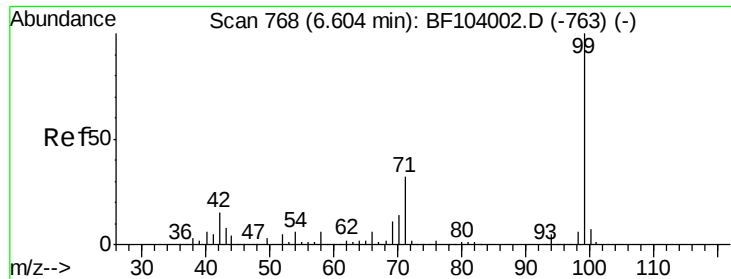


#5

2-Fluorophenol
Concen: 39.330 ng m
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	25.7	23.7	35.5





#7

Phenol-d6

Concen: 34.537 ng/mL

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

ClientSampleId :

032918-SIDI-E-D-S

Tot Ion: 99 Resp: 272353

Ion Ratio Lower Upper

99 100

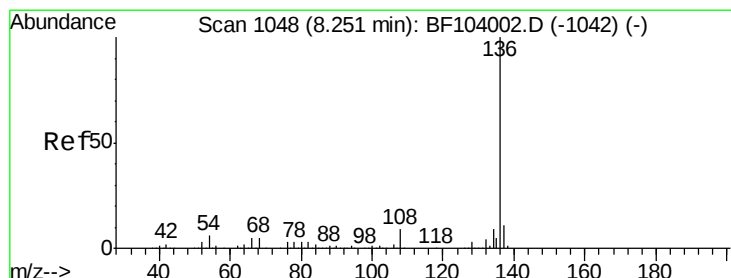
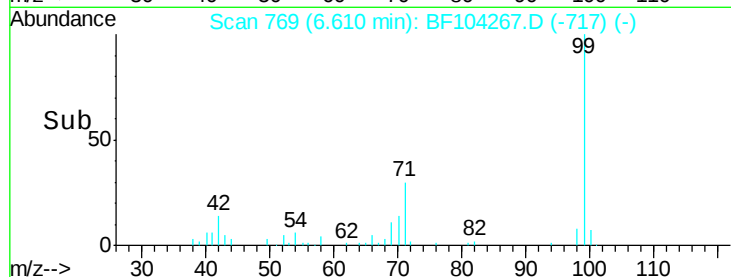
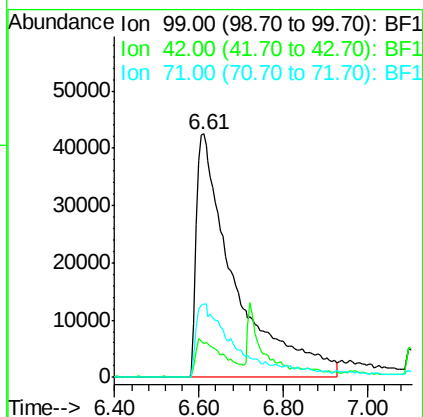
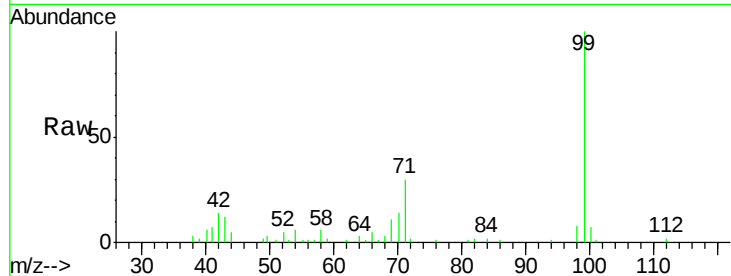
42 13.6 14.5 21.7#

71 30.3 25.4 38.0

Manual Integrations
APPROVED

Sohil

4/5/2018 4:39:40 PM



#21

Naphthalene-d8

Concen: 20.000 ng/mL

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Tgt Ion: 136 Resp: 460570

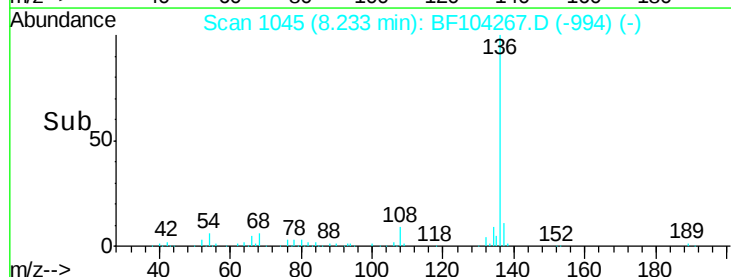
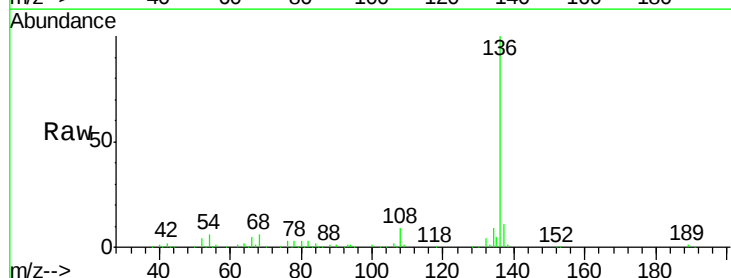
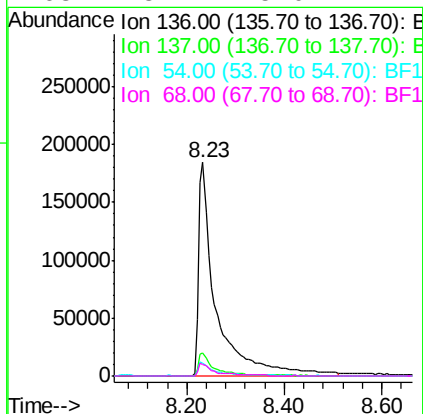
Ion Ratio Lower Upper

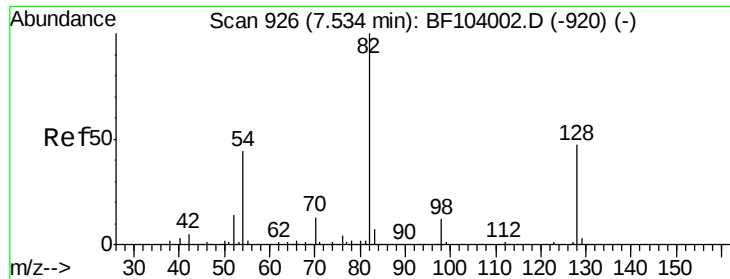
136 100

137 11.0 8.9 13.3

54 6.2 6.6 9.8#

68 5.7 5.0 7.4





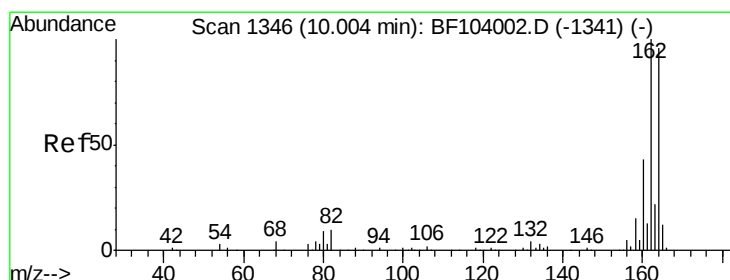
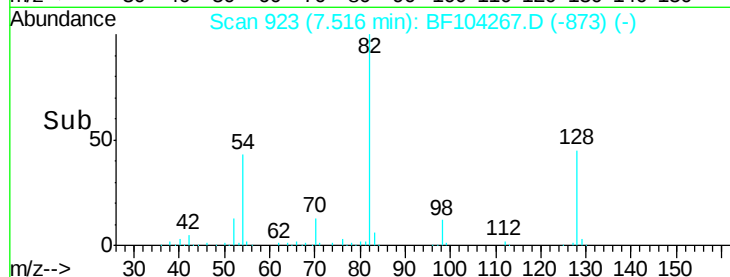
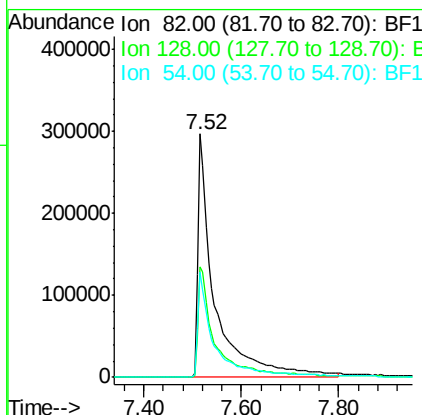
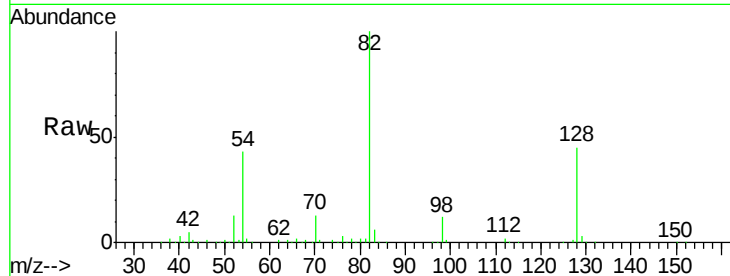
#23
Nitrobenzene-d5
Concen: 95.101 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
032918-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	43.0	41.4	62.2

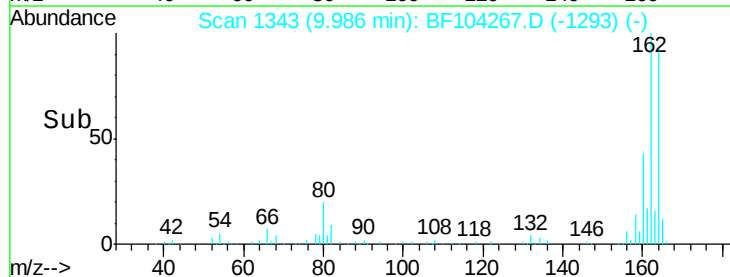
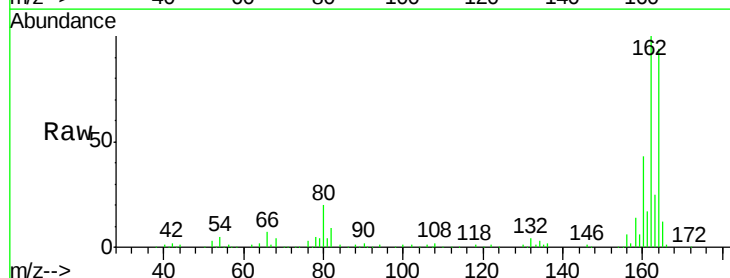
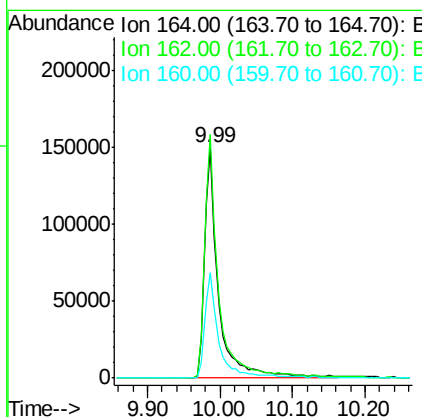
Manual Integrations
APPROVED

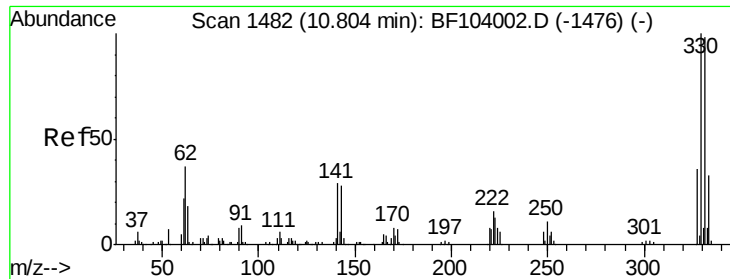
Sohil
4/5/2018 4:39:40 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.1	38.3	57.5





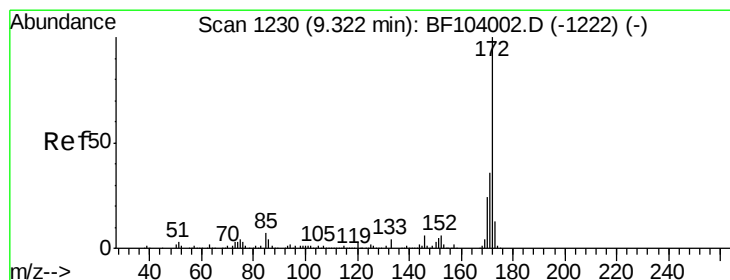
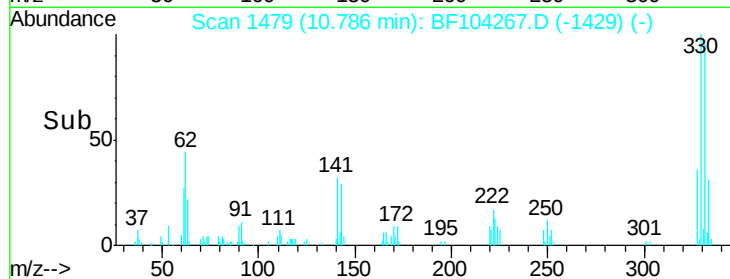
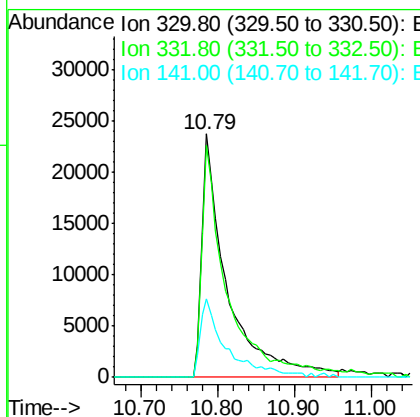
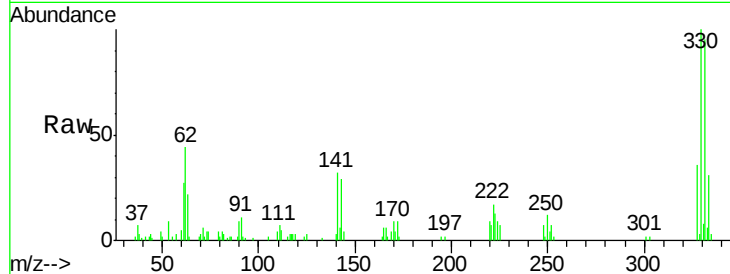
#41
 2,4,6-Tribromophenol
 Concen: 24.254 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :
 032918-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	31.9	29.9	44.9

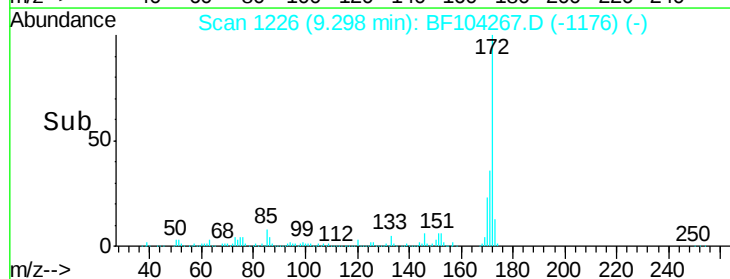
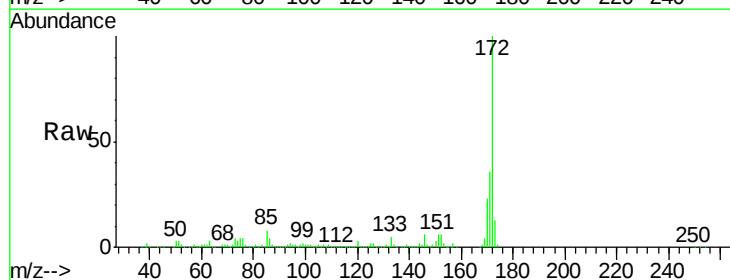
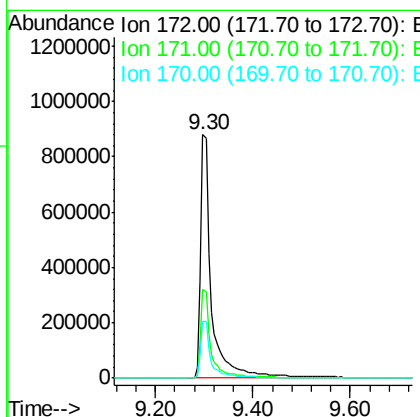
Manual Integrations
 APPROVED

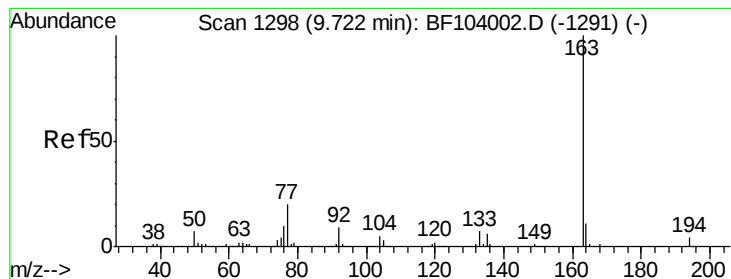
Sohil
 4/5/2018 4:39:40 PM



#44
 2-Fluorobiphenyl
 Concen: 106.909 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF104267.D
 Acq: 5 Apr 2018 10:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.5	19.6	29.4





#49

Dimethylphthalate

Concen: 2.411 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

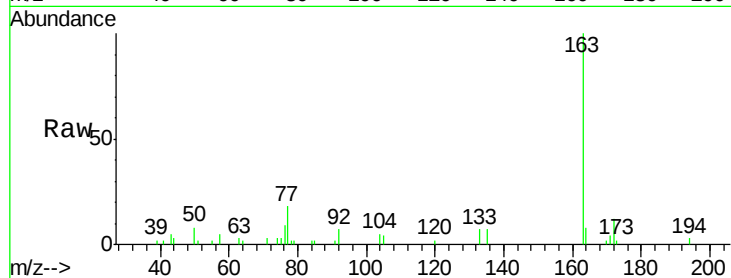
ClientSampleId :

032918-SIDI-E-D-S

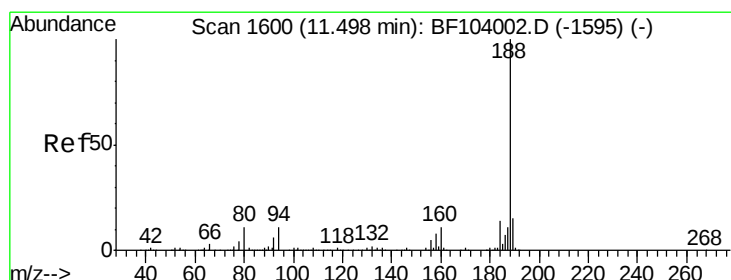
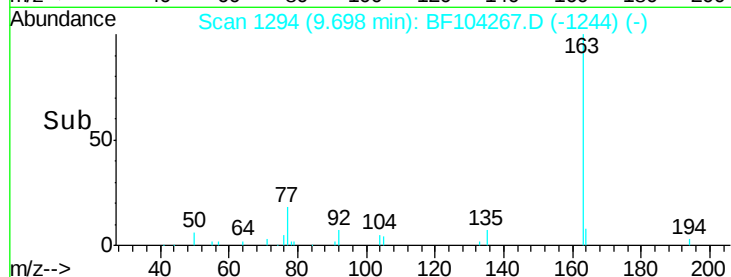
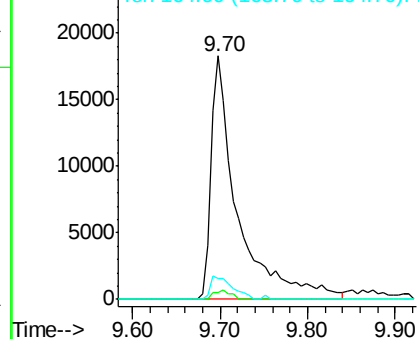
Tot Ion:	163	Resp:	38409
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.7	4.1
164	8.3	8.2	12.2

Manual Integrations
APPROVED

Sohil
4/5/2018 4:39:40 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

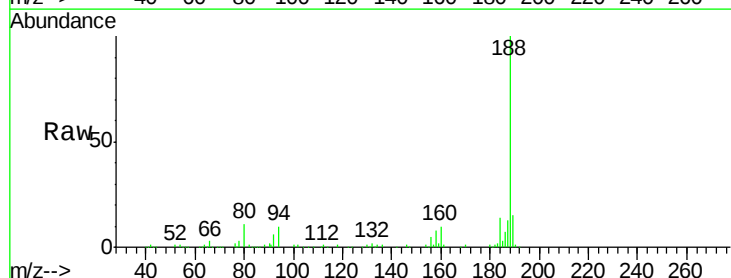
RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

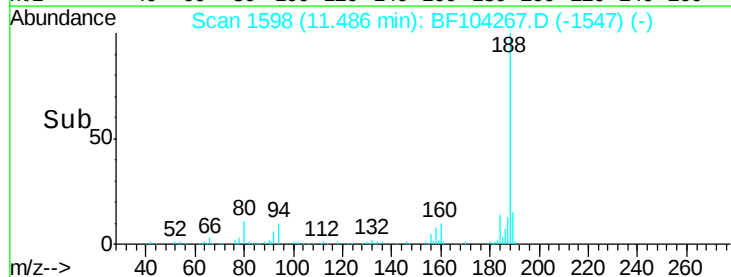
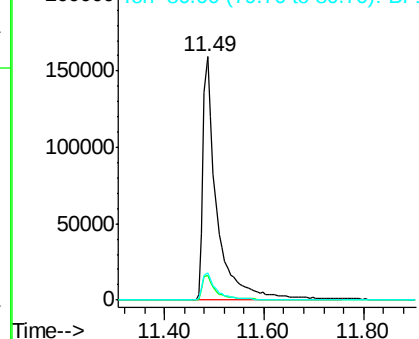
Lab File: BF104267.D

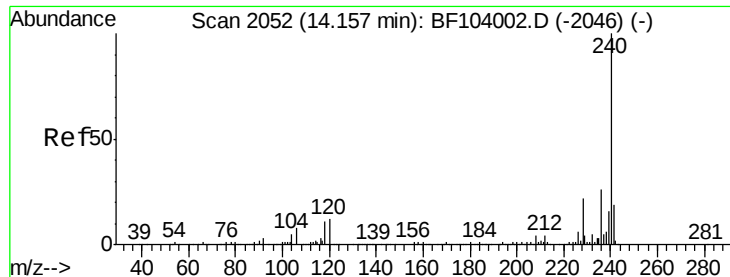
Acq: 5 Apr 2018 10:40

Tgt Ion:	188	Resp:	313496
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104267.D

Acq: 5 Apr 2018 10:40

Instrument :

BNA_F

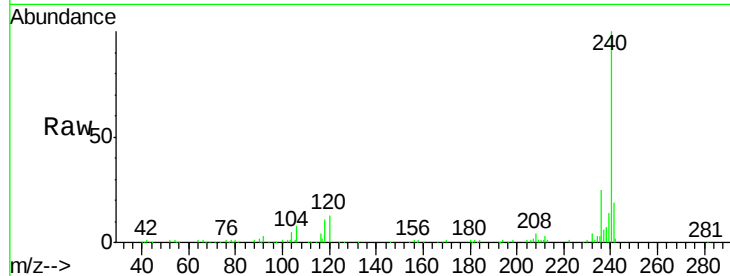
ClientSampleId :

032918-SIDI-E-D-S

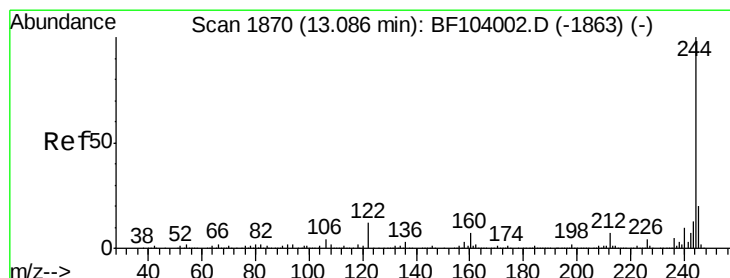
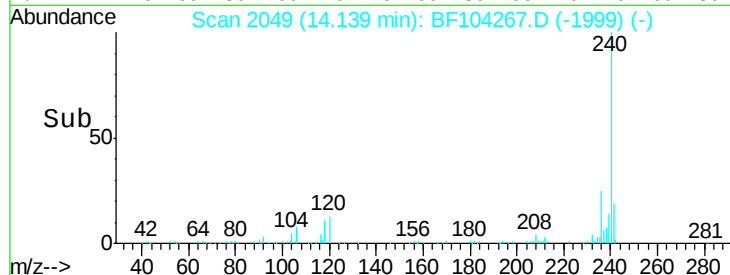
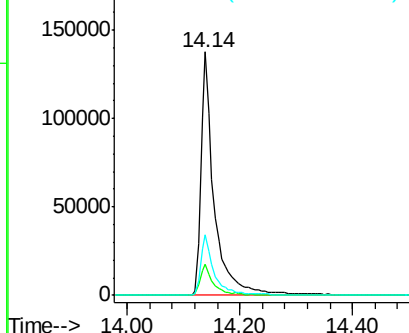
Tot Ion:	240	Resp:	226365
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	24.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
4/5/2018 4:39:40 PM



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



#78

Terphenyl-d14

Concen: 99.426 ng

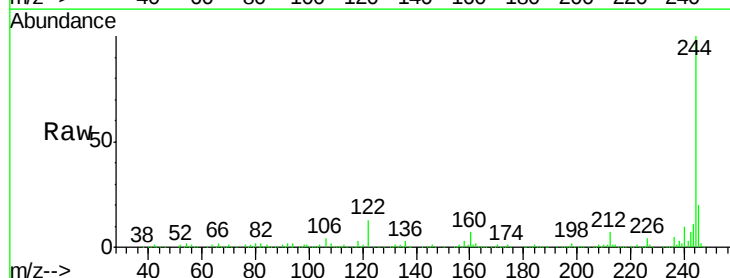
RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

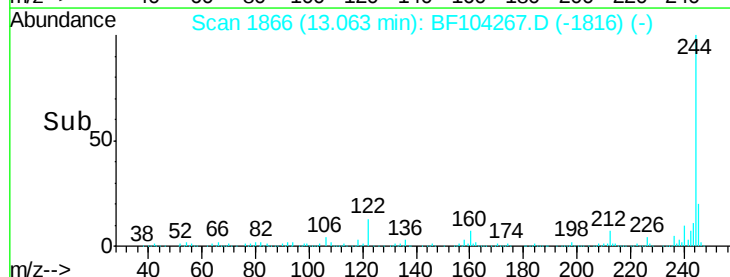
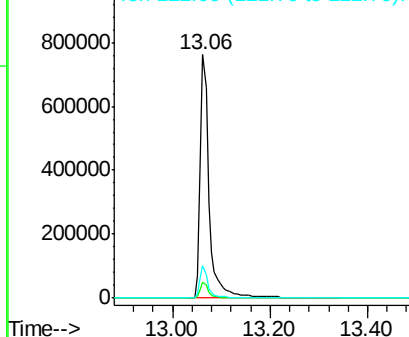
Lab File: BF104267.D

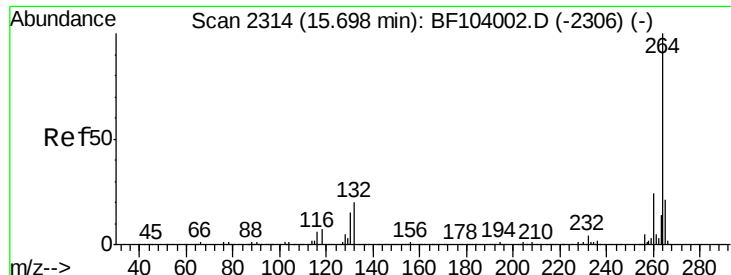
Acq: 5 Apr 2018 10:40

Tgt Ion:	244	Resp:	974748
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	13.2	11.0	16.4



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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104267.D
Acq: 5 Apr 2018 10:40

Instrument :
BNA_F
ClientSampleId :
032918-SIDI-E-D-S

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.7	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/5/2018 4:39:40 PM

