

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036573.D
 Acq On : 6 Sep 2018 17:30
 Operator : JU/SJ
 Sample : J4793-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCSA-303

Quant Time: Sep 06 19:05:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

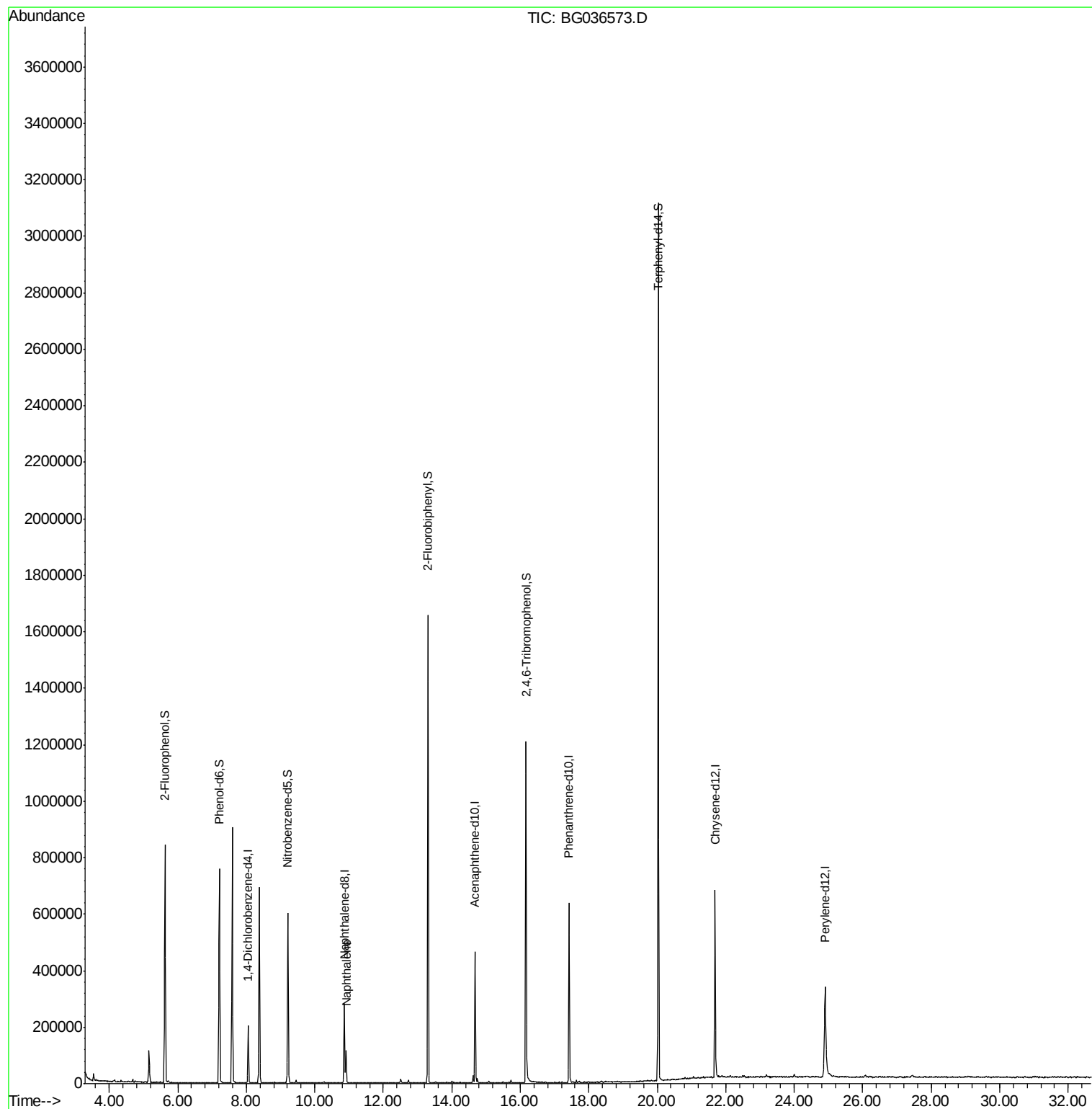
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55659	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	234669	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158204	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	404967	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434923	20.00	ng	0.00
86) Perylene-d12	24.90	264	410476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	351715	100.24	ng	0.00
7) Phenol-d6	7.21	99	433366	86.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	352986	81.61	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	230081	121.88	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	845981	76.35	ng	0.00
78) Terphenyl-d14	20.03	244	1479504	79.51	ng	0.00
Target Compounds						
31) Naphthalene	10.91	128	92057	7.847	ng	Qvalue 100

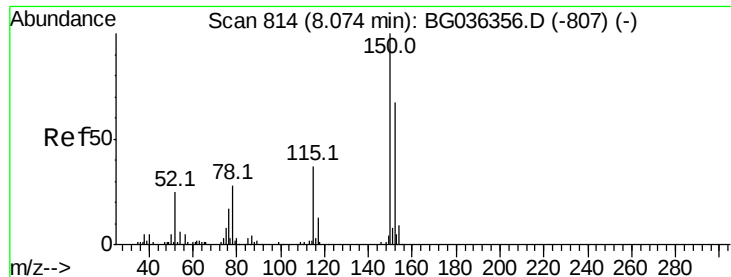
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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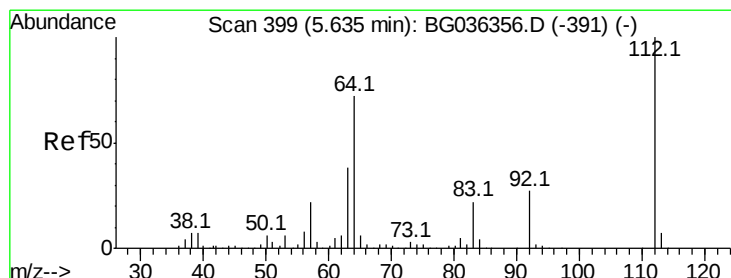
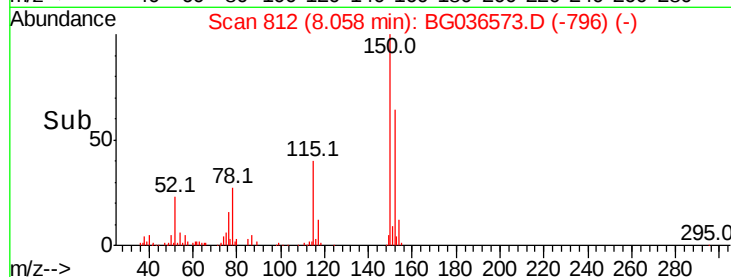
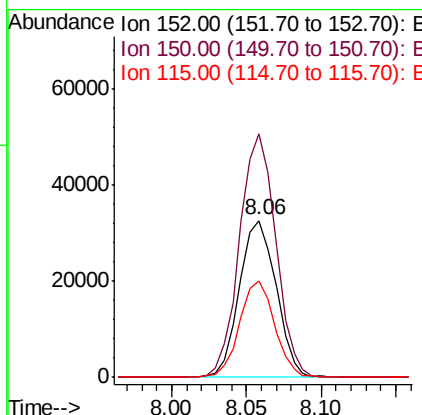
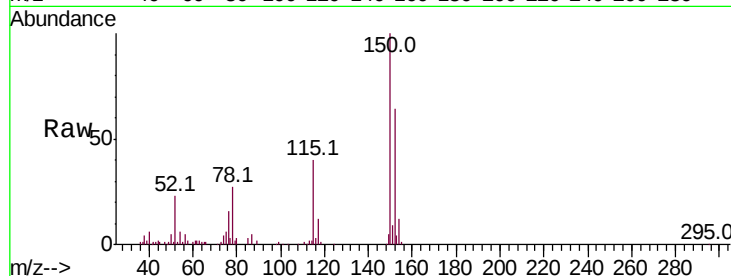


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036573.D
Acq: 6 Sep 2018 17:30

Instrument :
BNA_G
ClientSampleId :
JCSA-303

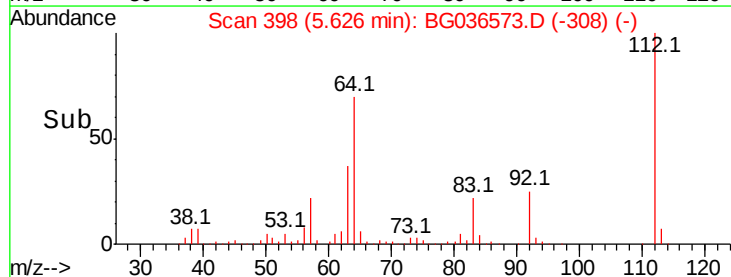
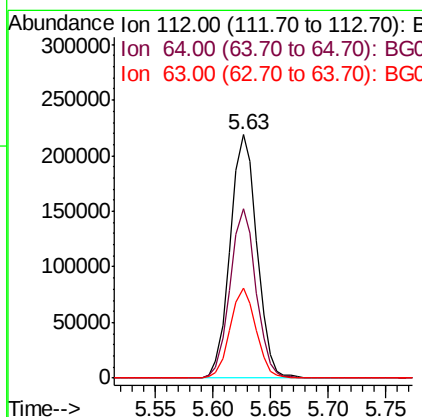
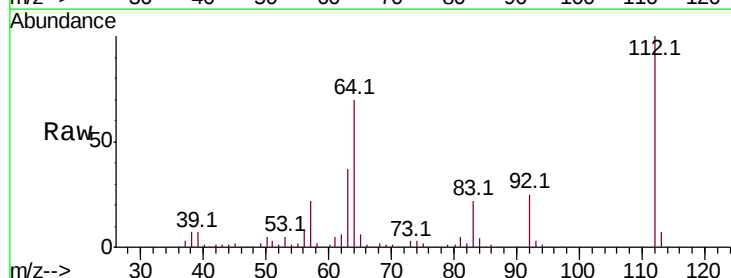
Tot Ion	152	Resp	55659
Ion Ratio	Lower	Upper	
152	100		
150	155.2	119.5	179.3
115	61.4	44.5	66.7



#5

2-Fluorophenol
Concen: 100.240 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036573.D
Acq: 6 Sep 2018 17:30

Tgt Ion	112	Resp	351715
Ion Ratio	Lower	Upper	
112	100		
64	69.8	57.2	85.8
63	37.1	30.8	46.2





#7

Phenol-d6

Concen: 86.265 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036573.D

Acq: 6 Sep 2018 17:30

Instrument :

BNA_G

ClientSampleId :

JCSA-303

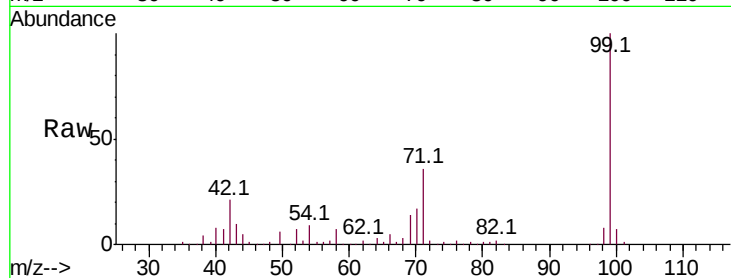
Tot Ion: 99 Resp: 433366

Ion Ratio Lower Upper

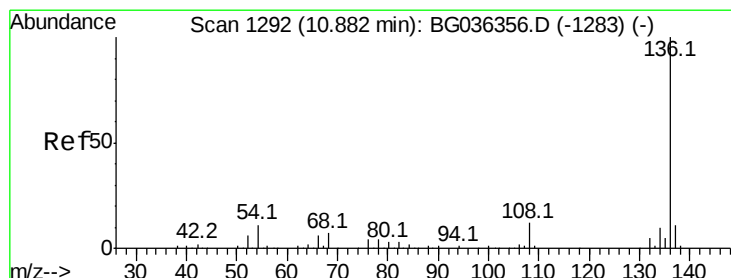
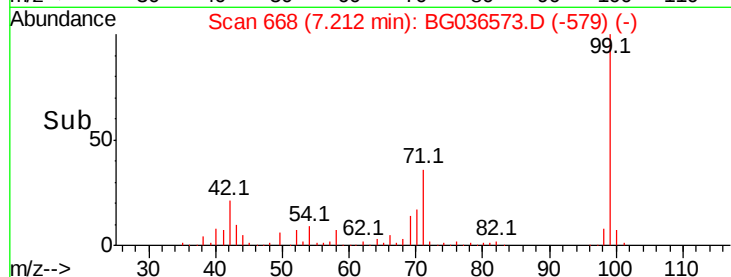
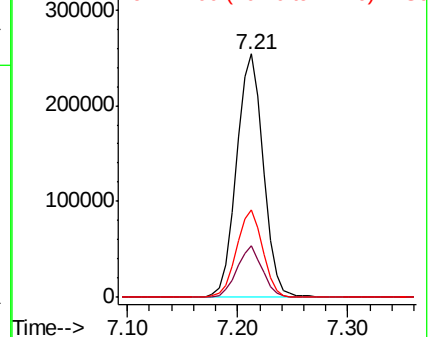
99 100

42 21.2 16.5 24.7

71 35.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036573.D

Acq: 6 Sep 2018 17:30

Tgt Ion: 136 Resp: 234669

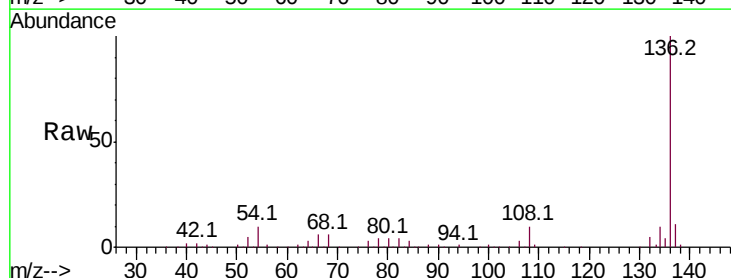
Ion Ratio Lower Upper

136 100

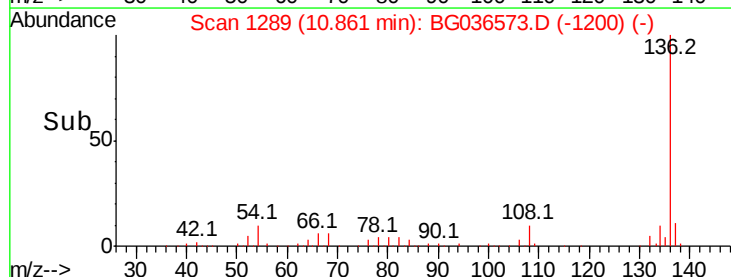
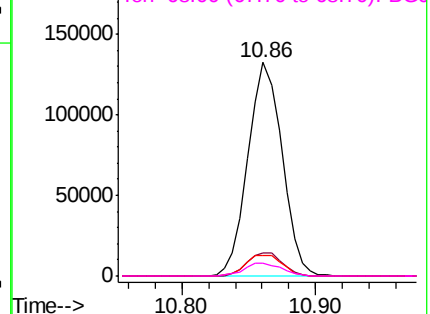
137 11.0 8.8 13.2

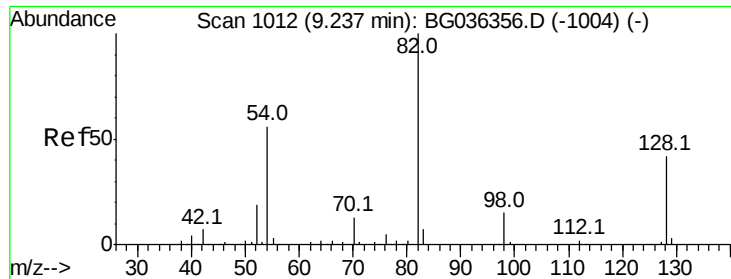
54 9.8 9.2 13.8

68 6.3 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

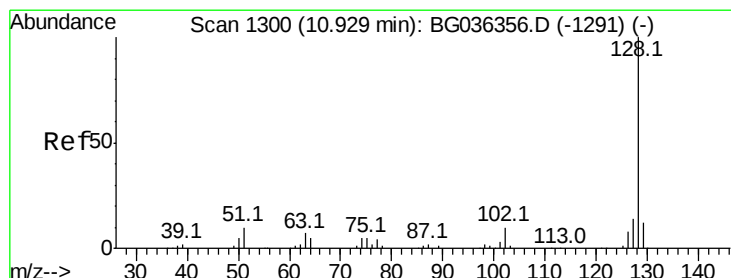
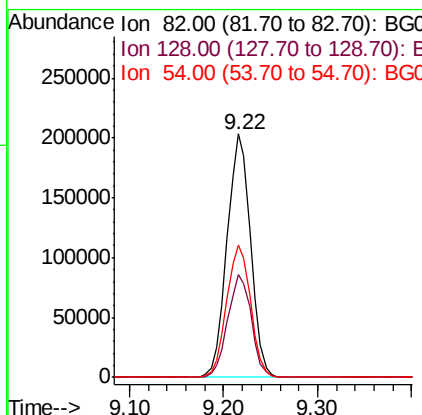
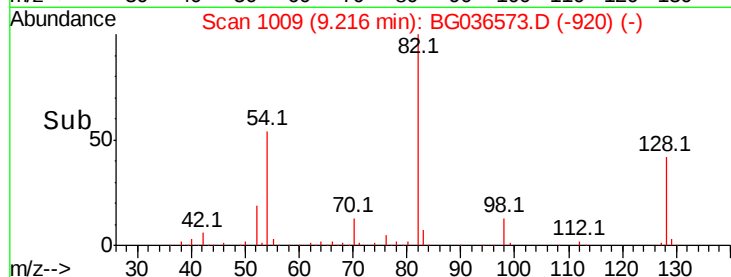
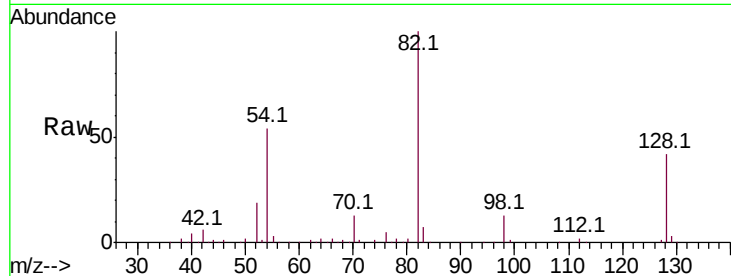




#23
 Nitrobenzene-d5
 Concen: 81.612 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

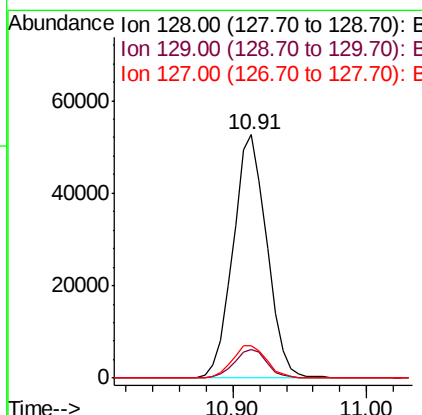
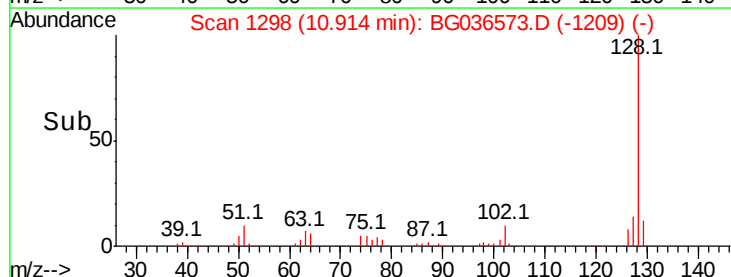
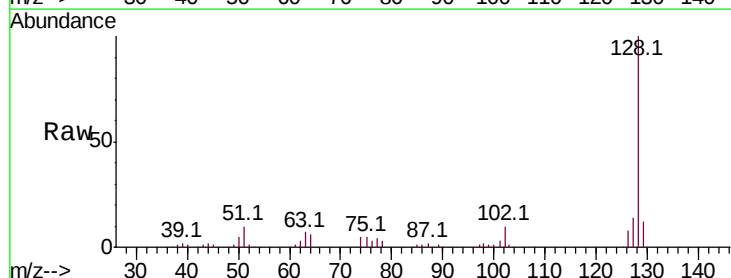
Instrument :
 BNA_G
 ClientSampleId :
 JCSA-303

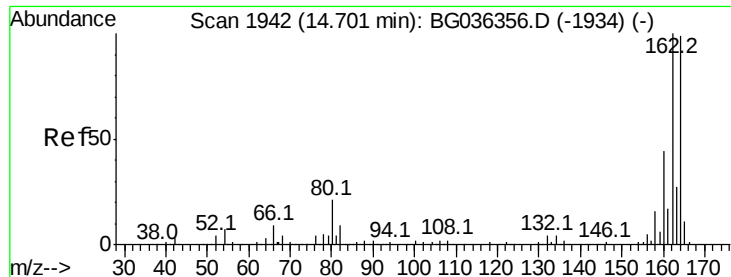
Tot Ion: 82 Resp: 352986
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.3 49.9
 54 54.4 45.1 67.7



#31
 Naphthalene
 Concen: 7.847 ng
 RT: 10.91 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

Tgt Ion: 128 Resp: 92057
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.4 14.2
 127 13.5 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036573.D

Acq: 6 Sep 2018 17:30

Instrument :

BNA_G

ClientSampleId :

JCSA-303

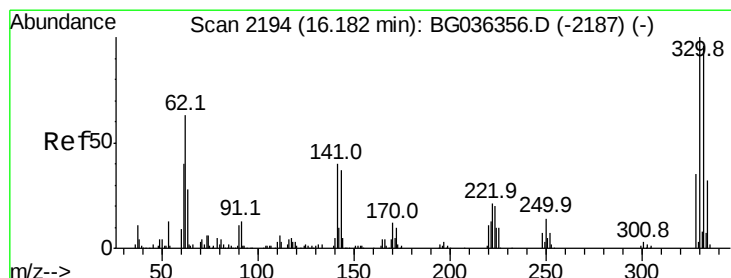
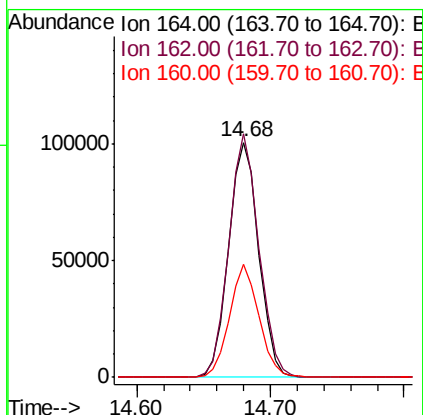
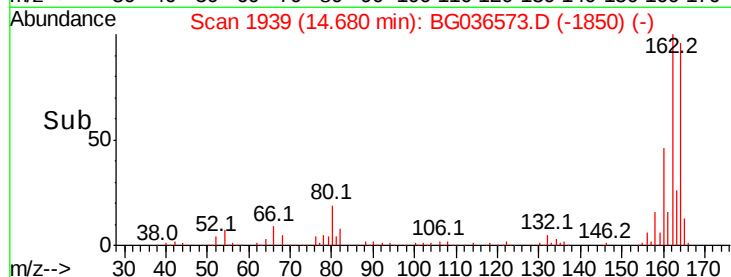
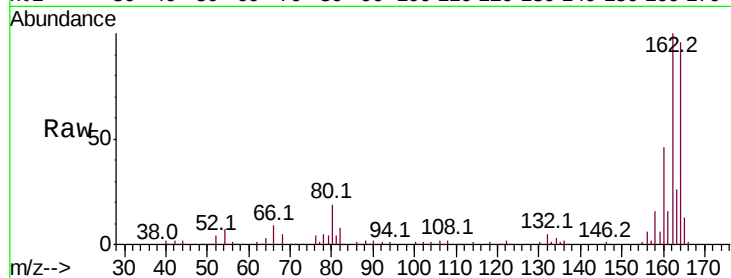
Tot Ion:164 Resp: 158204

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

160 48.0 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 121.883 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036573.D

Acq: 6 Sep 2018 17:30

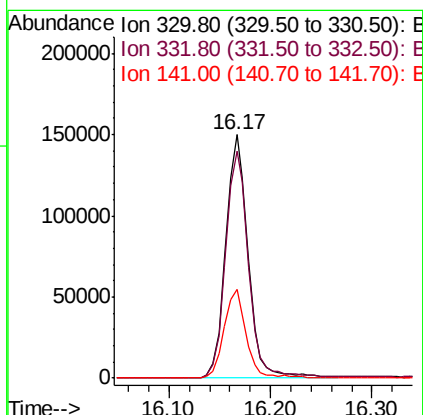
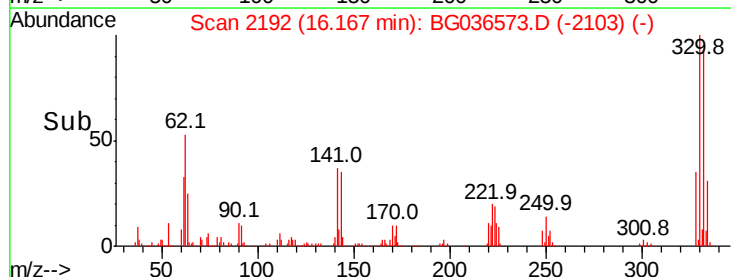
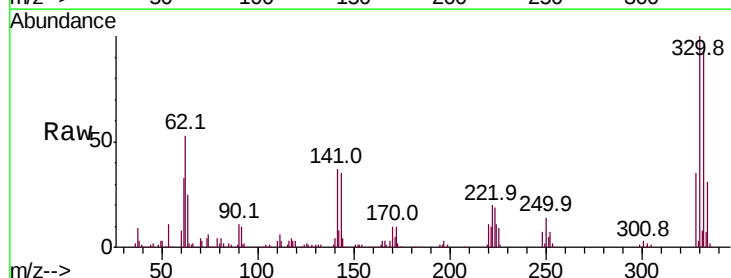
Tgt Ion:330 Resp: 230081

Ion Ratio Lower Upper

330 100

332 97.7 75.4 113.2

141 36.3 30.7 46.1

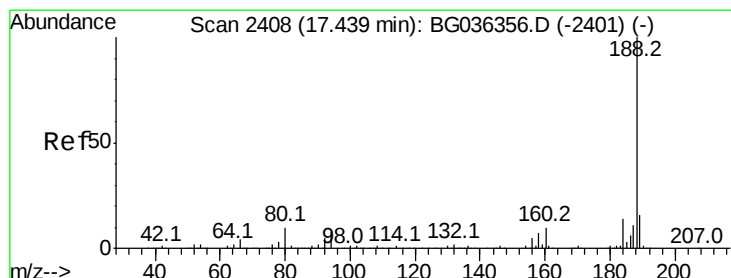
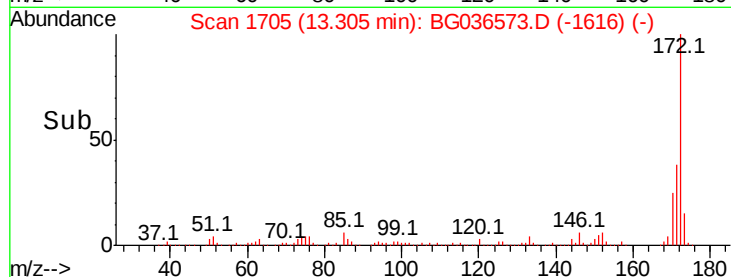
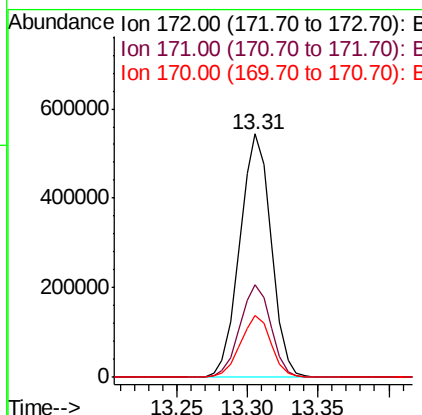
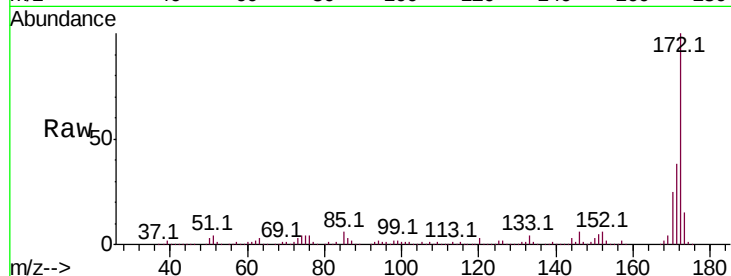




#44
 2-Fluorobiphenyl
 Concen: 76.351 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

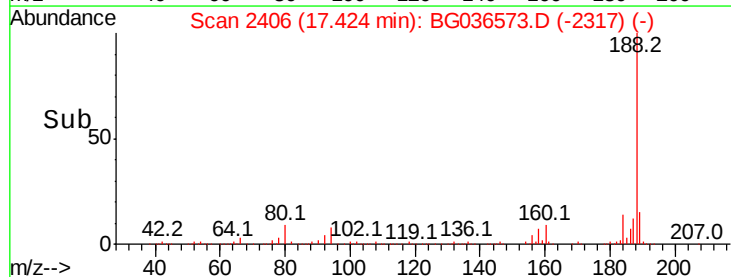
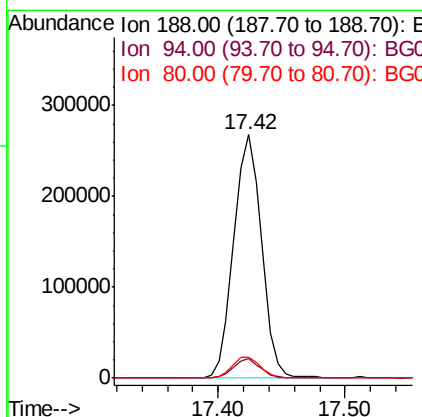
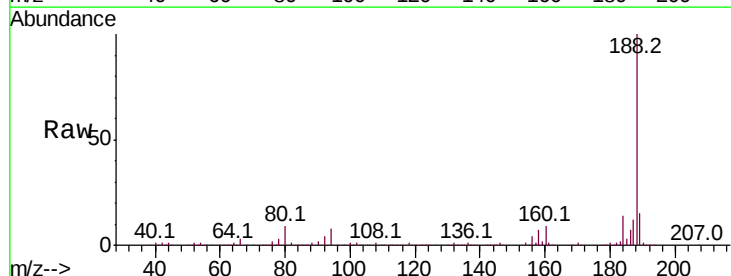
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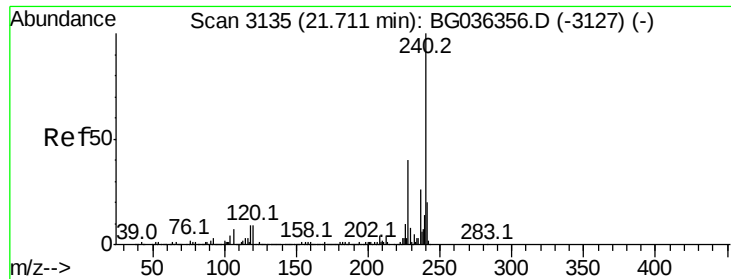
Tot Ion:172 Resp: 845981
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.3 21.0 31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

Tgt Ion:188 Resp: 404967
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.7 10.1
 80 8.6 8.1 12.1

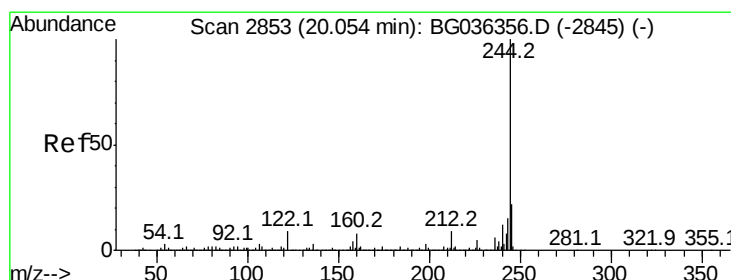
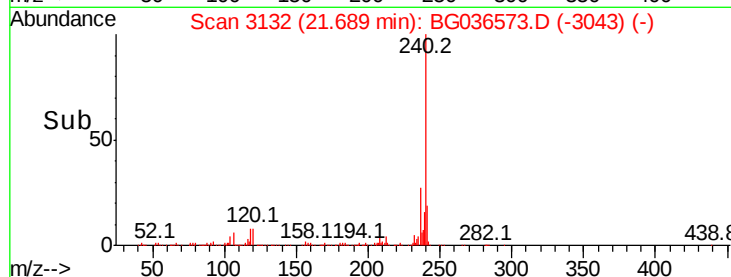
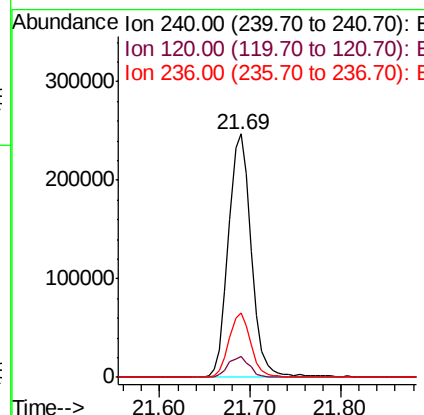
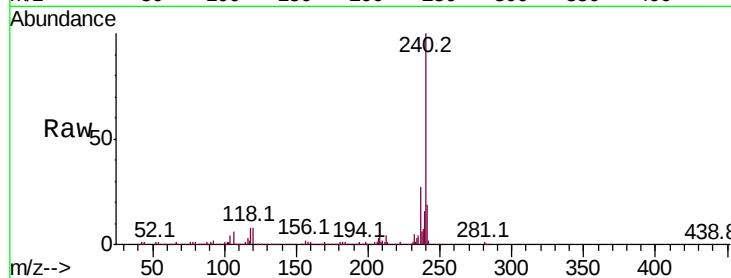




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

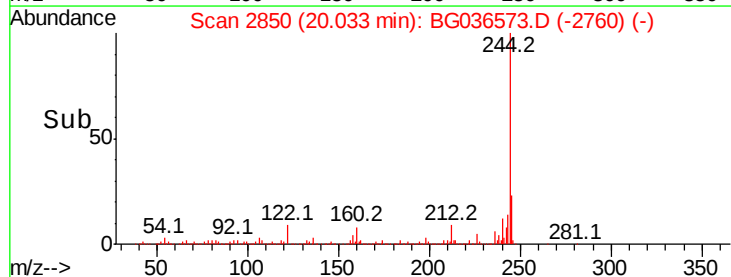
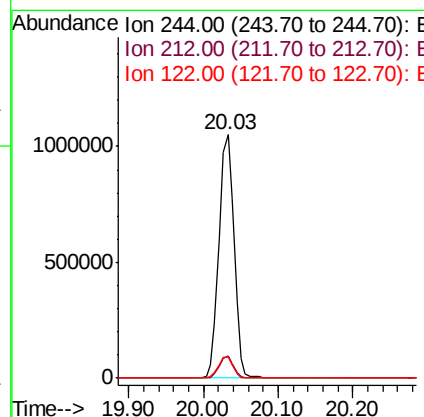
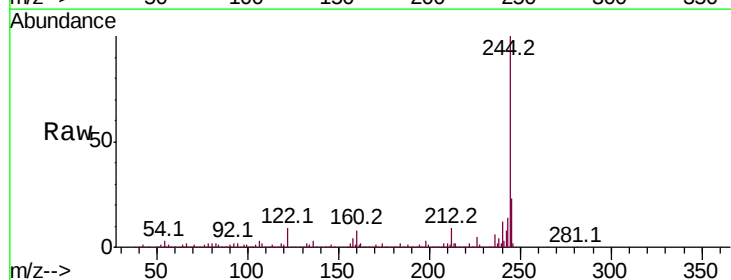
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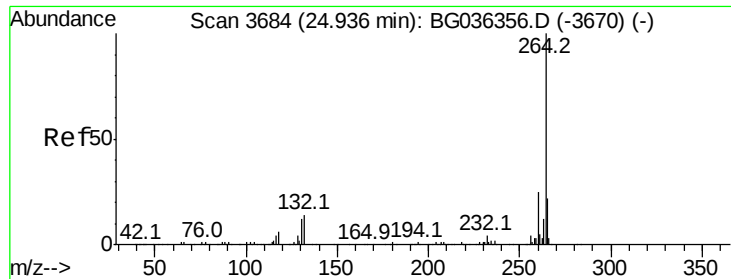
Tot Ion:240 Resp: 434923
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.7 21.2 31.8



#78
 Terphenyl-d14
 Concen: 79.511 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036573.D
 Acq: 6 Sep 2018 17:30

Tgt Ion:244 Resp: 1479504
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 8.8 7.1 10.7

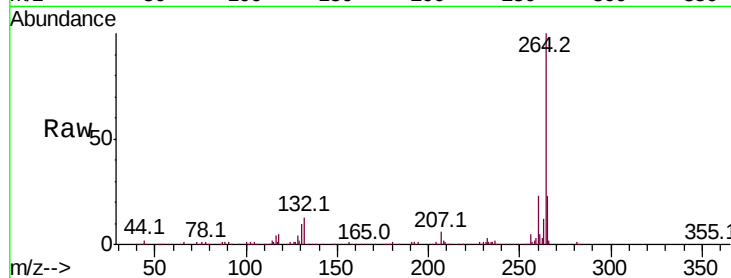




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG036573.D
Acq: 6 Sep 2018 17:30

Instrument :
BNA_G
ClientSampleId :
JCSA-303

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	23.1	17.4	26.0



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

