

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112300.D
 Acq On : 29 Jan 2019 17:33
 Operator : JU/SJ
 Sample : K1266-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-S

Quant Time: Jan 30 00:52:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	153625	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	544022	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	238886	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	403793	20.00	ng	0.00
76) Chrysene-d12	14.00	240	359776	20.00	ng	0.00
87) Perylene-d12	15.47	264	325329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	317731	43.93	ng	0.00
7) Phenol-d6	6.49	99	230448	22.93	ng	0.00
23) Nitrobenzene-d5	7.40	82	873099	92.47	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	227672	81.88	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1592252	94.27	ng	0.00
79) Terphenyl-d14	12.95	244	1239268	64.88	ng	0.00

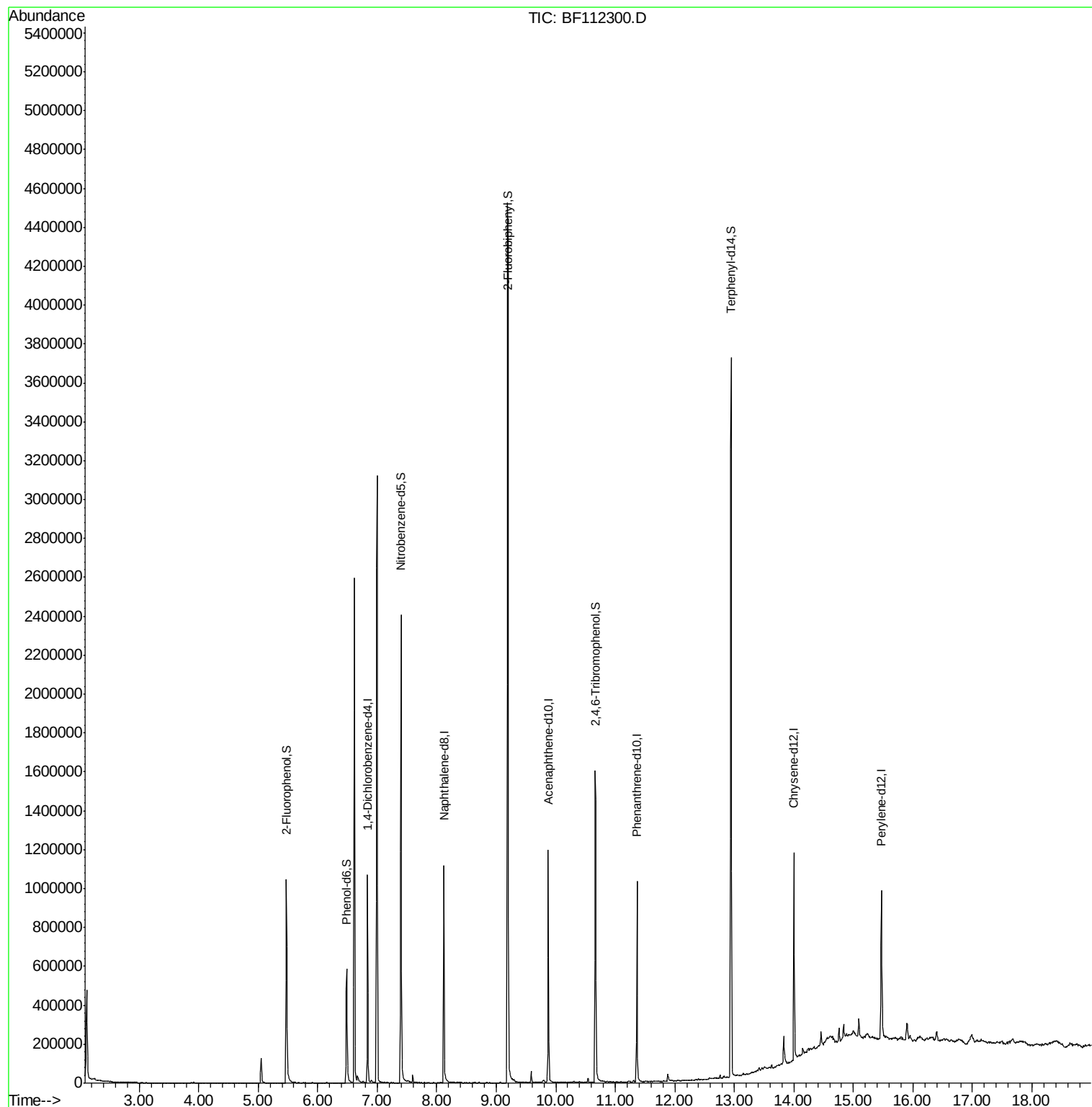
Target Compounds Qvalue

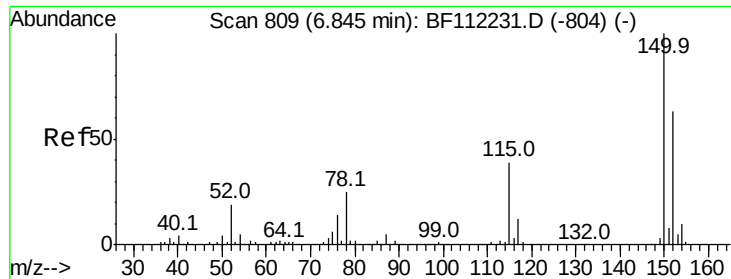
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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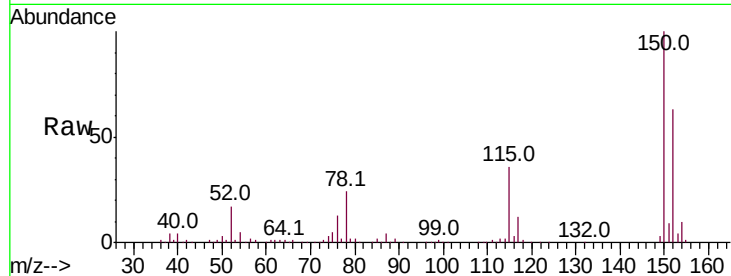


#1

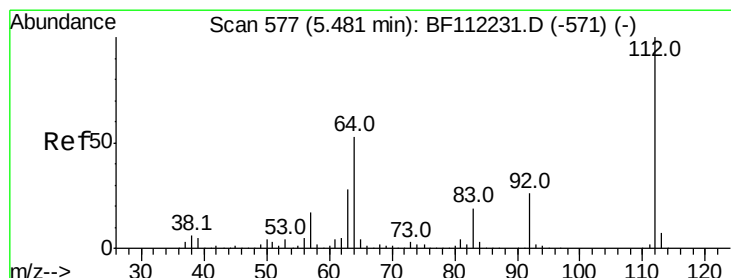
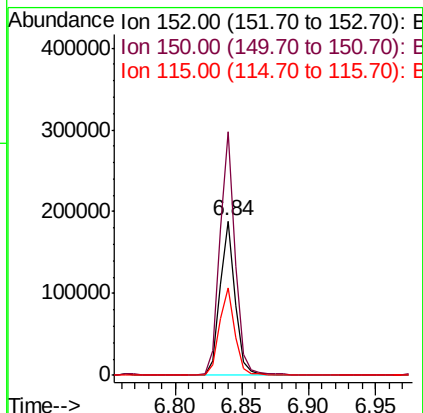
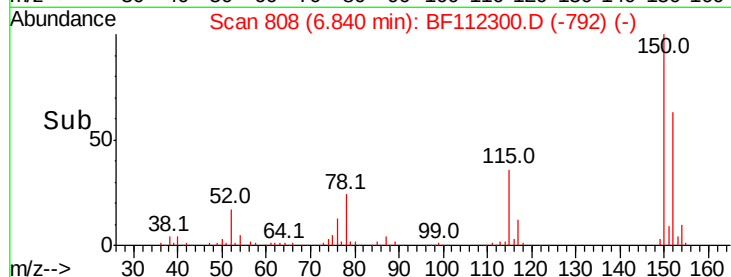
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112300.D
Acq: 29 Jan 2019 17:33

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-S

Tot Ion:152 Resp: 153625
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 56.4 45.5 68.3



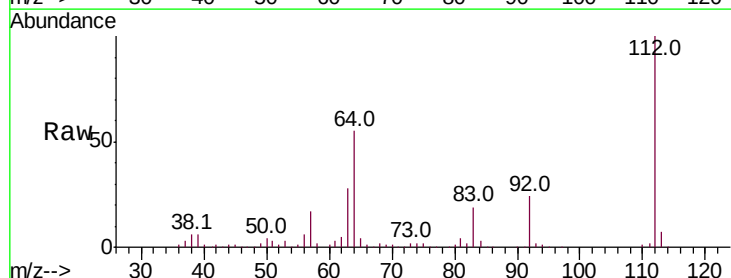
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



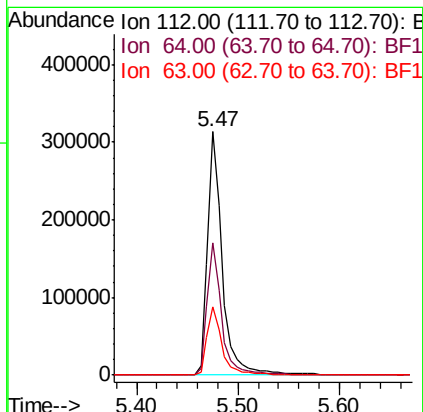
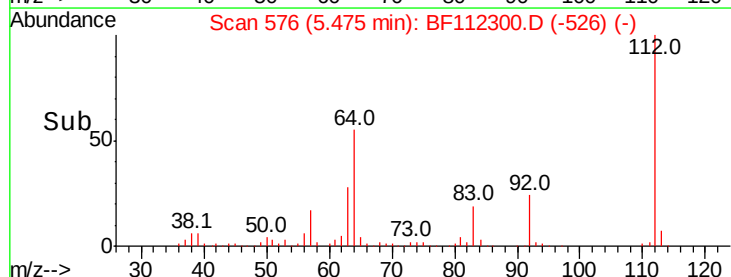
#5

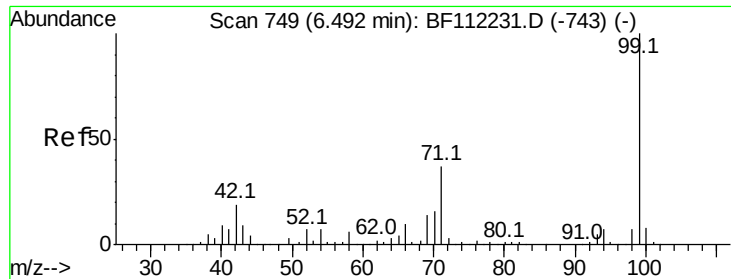
2-Fluorophenol
Concen: 43.930 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112300.D
Acq: 29 Jan 2019 17:33

Tgt Ion:112 Resp: 317731
Ion Ratio Lower Upper
112 100
64 54.6 45.7 68.5
63 28.1 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.930 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112300.D

Acq: 29 Jan 2019 17:33

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-S

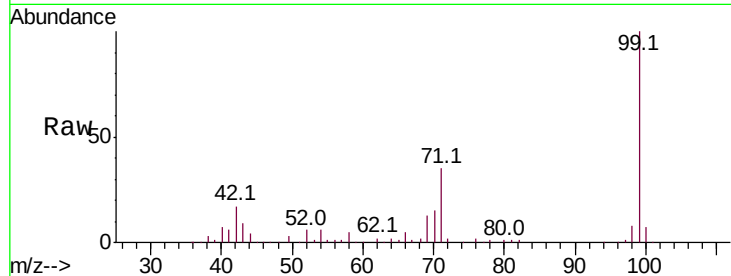
Tot Ion: 99 Resp: 230448

Ion Ratio Lower Upper

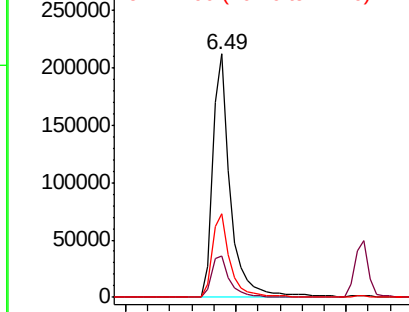
99 100

42 17.1 15.1 22.7

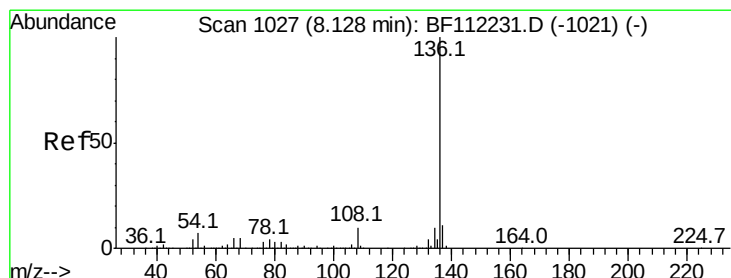
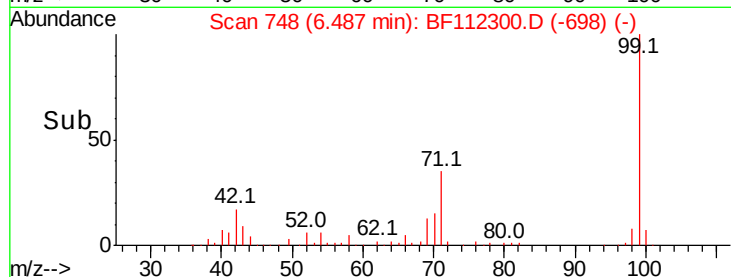
71 34.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112300.D

Acq: 29 Jan 2019 17:33

Tgt Ion: 136 Resp: 544022

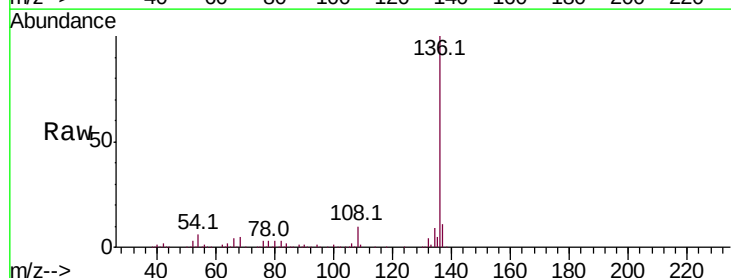
Ion Ratio Lower Upper

136 100

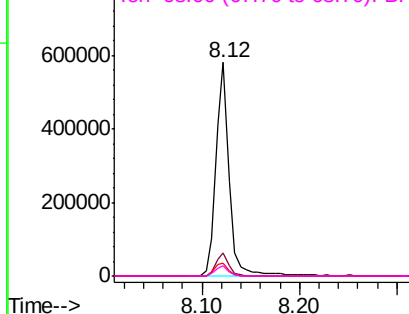
137 10.9 9.1 13.7

54 6.0 5.9 8.9

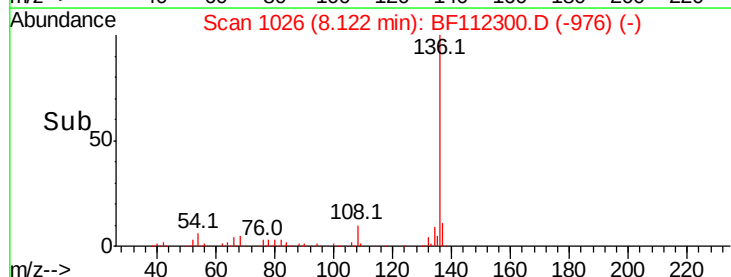
68 4.6 5.1 7.7#

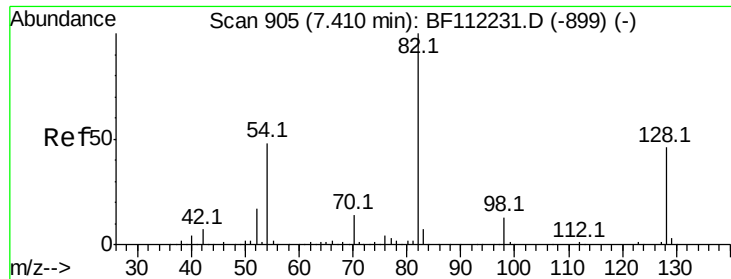


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

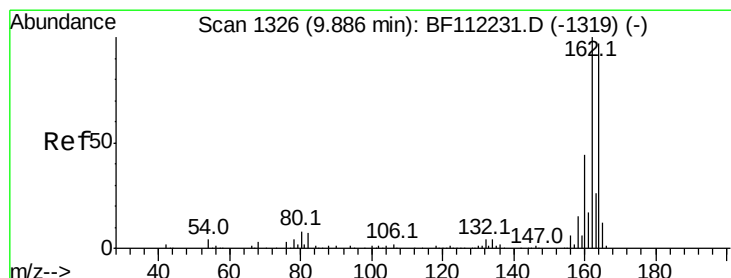
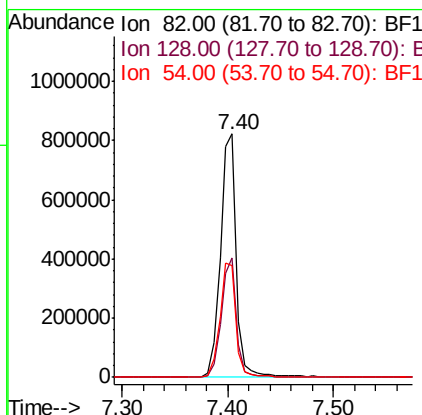
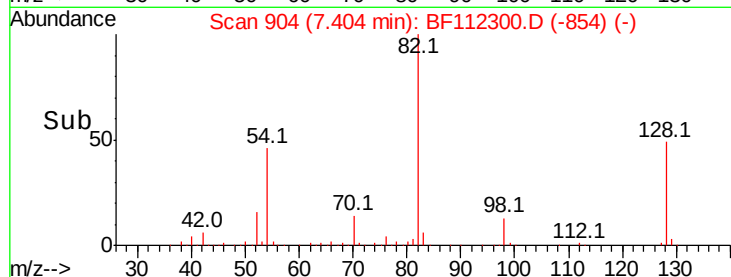
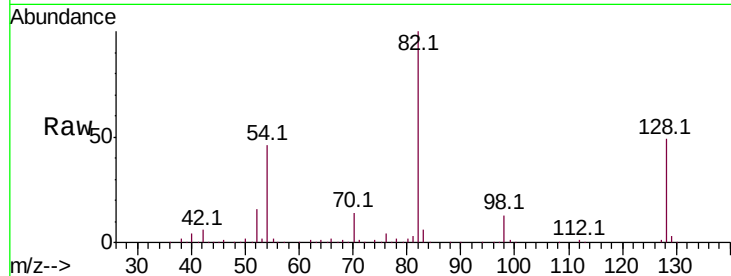




#23
 Nitrobenzene-d5
 Concen: 92.474 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112300.D
 Acq: 29 Jan 2019 17:33

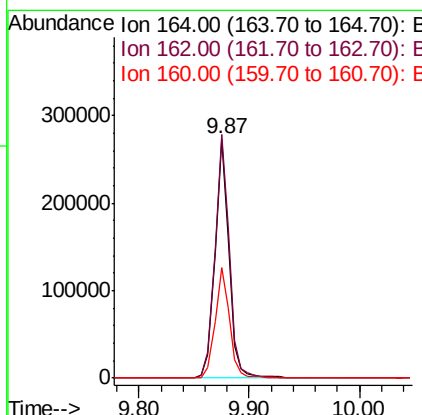
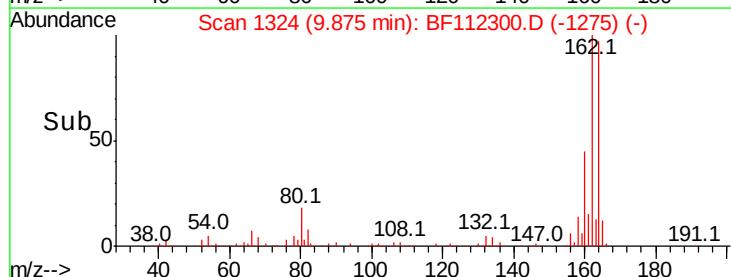
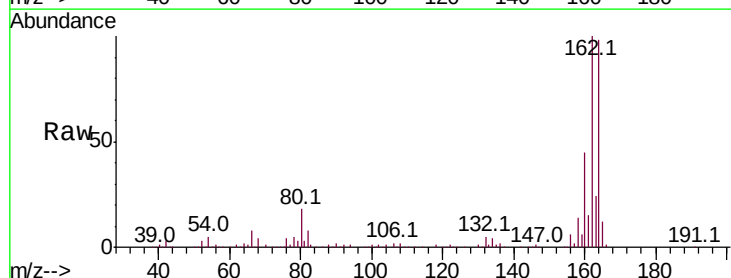
Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-S

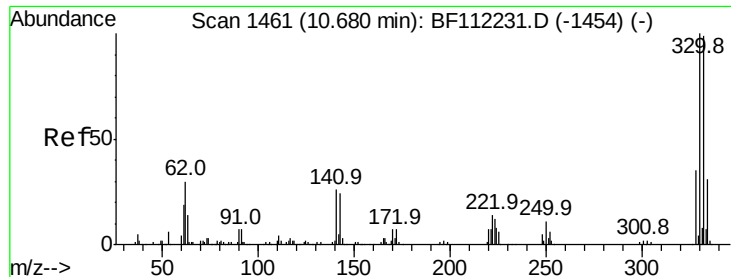
Tot Ion	82	Resp	873099
Ion Ratio	100		
Lower	37.8		
Upper	56.8		
54	46.1		59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112300.D
 Acq: 29 Jan 2019 17:33

Tgt Ion	164	Resp	238886
Ion Ratio	100		
Lower	82.2		
Upper	123.4		
162	101.9		54.4
160	46.0		

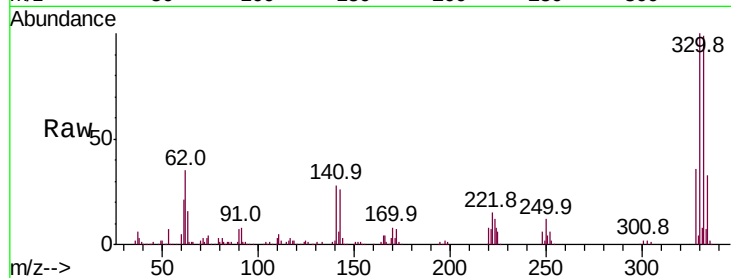




#42
 2,4,6-Tribromophenol
 Concen: 81.880 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112300.D
 Acq: 29 Jan 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	32.4	24.3	36.5

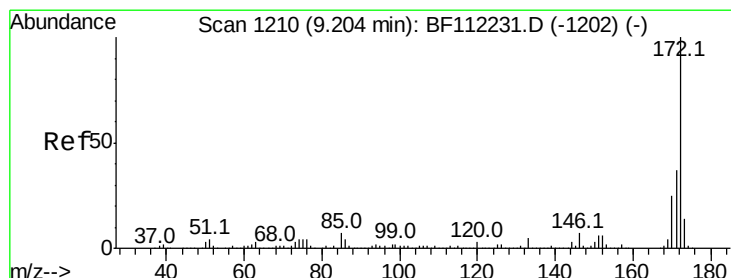
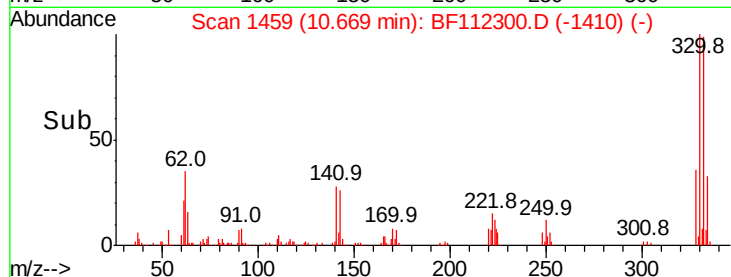
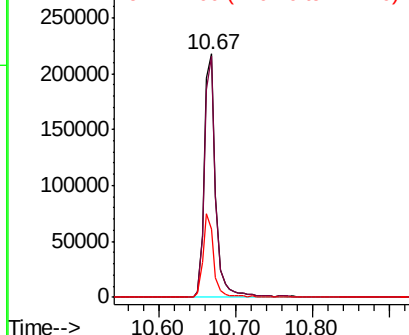


Abundance

Ion 329.80 (329.50 to 330.50): E

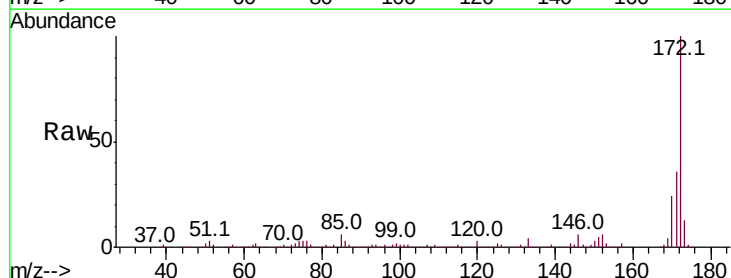
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.270 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112300.D
 Acq: 29 Jan 2019 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	23.7	20.2	30.4

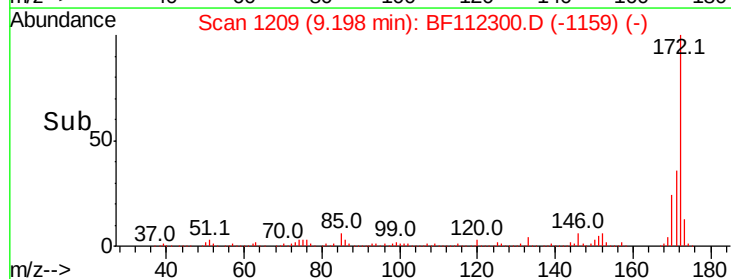
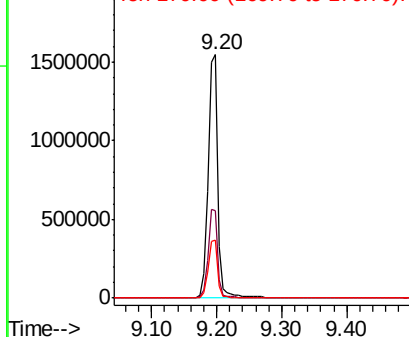


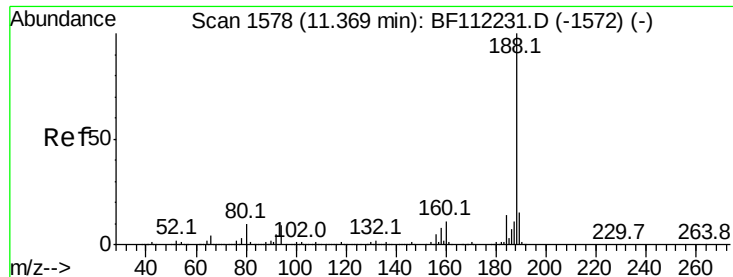
Abundance

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

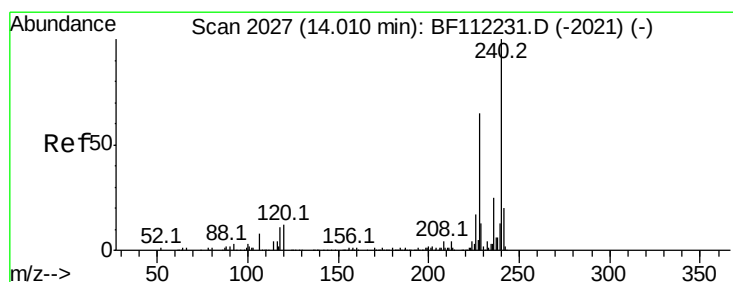
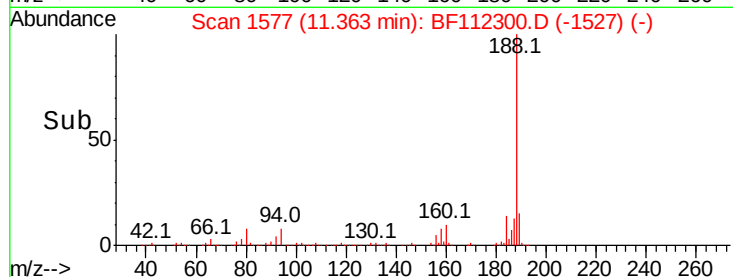
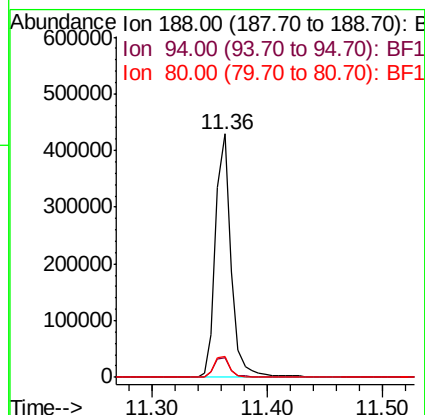
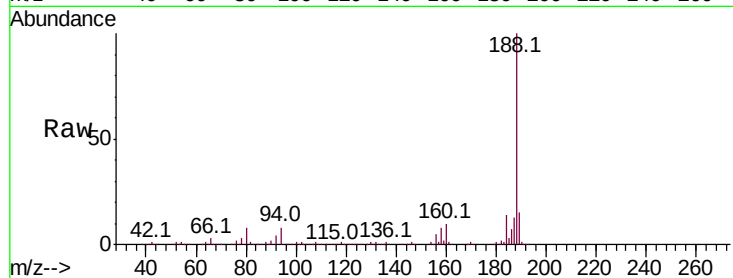




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112300.D
Acq: 29 Jan 2019 17:33

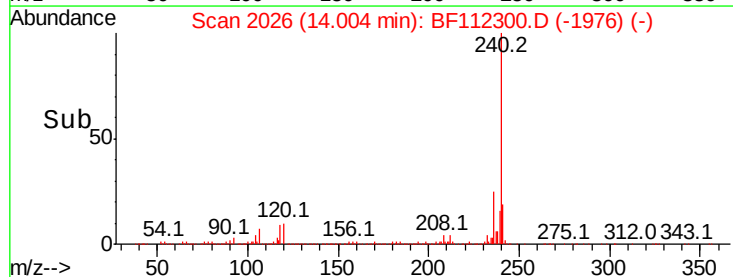
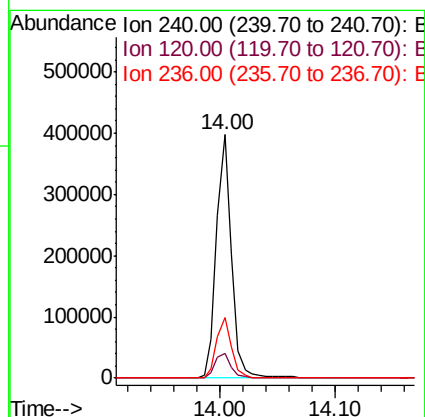
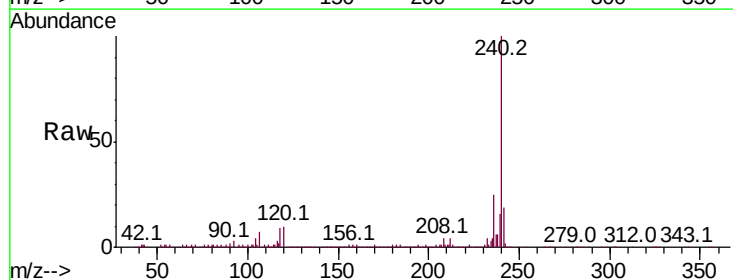
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-S

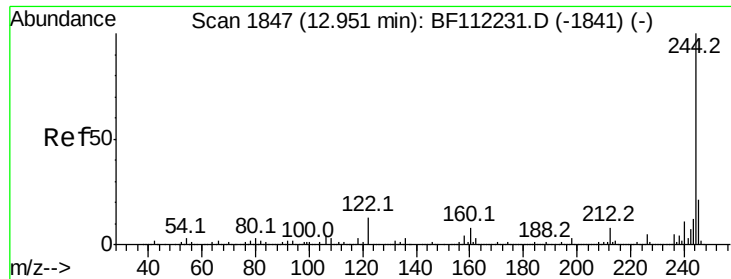
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.4	8.9	13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112300.D
Acq: 29 Jan 2019 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.6
236	24.7	20.7	31.1





#79

Terphenyl-d14

Concen: 64.876 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112300.D

Acq: 29 Jan 2019 17:33

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-S

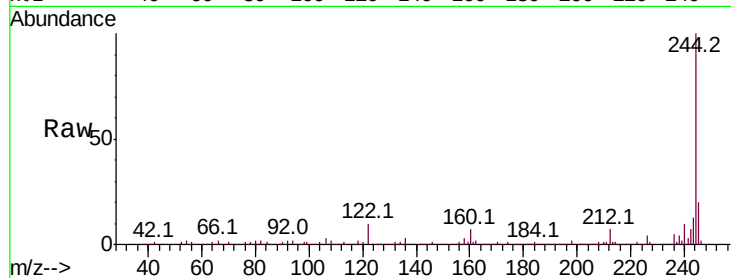
Tot Ion:244 Resp: 1239268

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

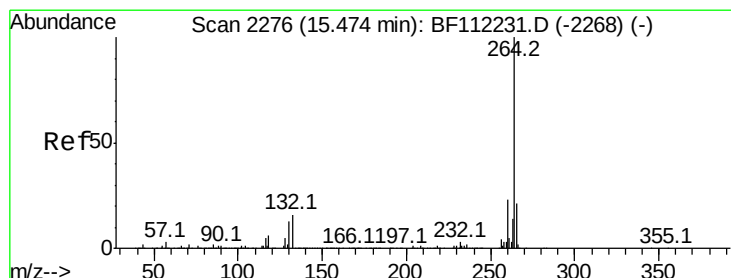
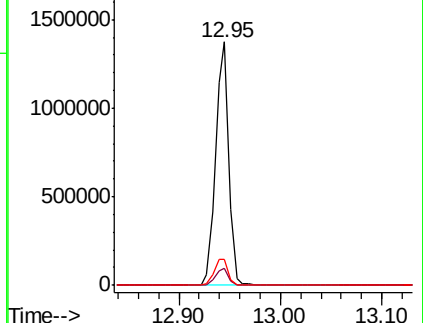
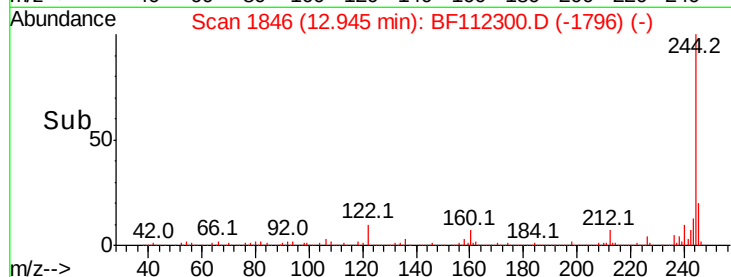
122 10.4 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112300.D

Acq: 29 Jan 2019 17:33

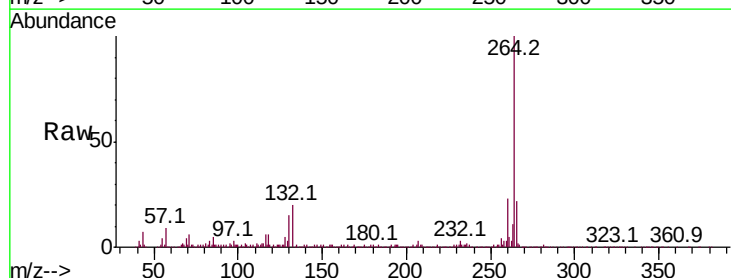
Tgt Ion:264 Resp: 325329

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 22.1 17.0 25.4



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

