

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112306.D
 Acq On : 29 Jan 2019 20:22
 Operator : JU/SJ
 Sample : K1266-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-M

Quant Time: Jan 30 00:58:17 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	162961	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	601593	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	279862	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	478868	20.00	ng	0.00
76) Chrysene-d12	14.00	240	353962	20.00	ng	0.00
87) Perylene-d12	15.47	264	329832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	348473	45.42	ng	0.00
7) Phenol-d6	6.48	99	259141	24.31	ng	-0.01
23) Nitrobenzene-d5	7.40	82	964408	92.37	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	273561	83.98	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1810896	91.52	ng	-0.01
79) Terphenyl-d14	12.95	244	1427146	75.94	ng	0.00

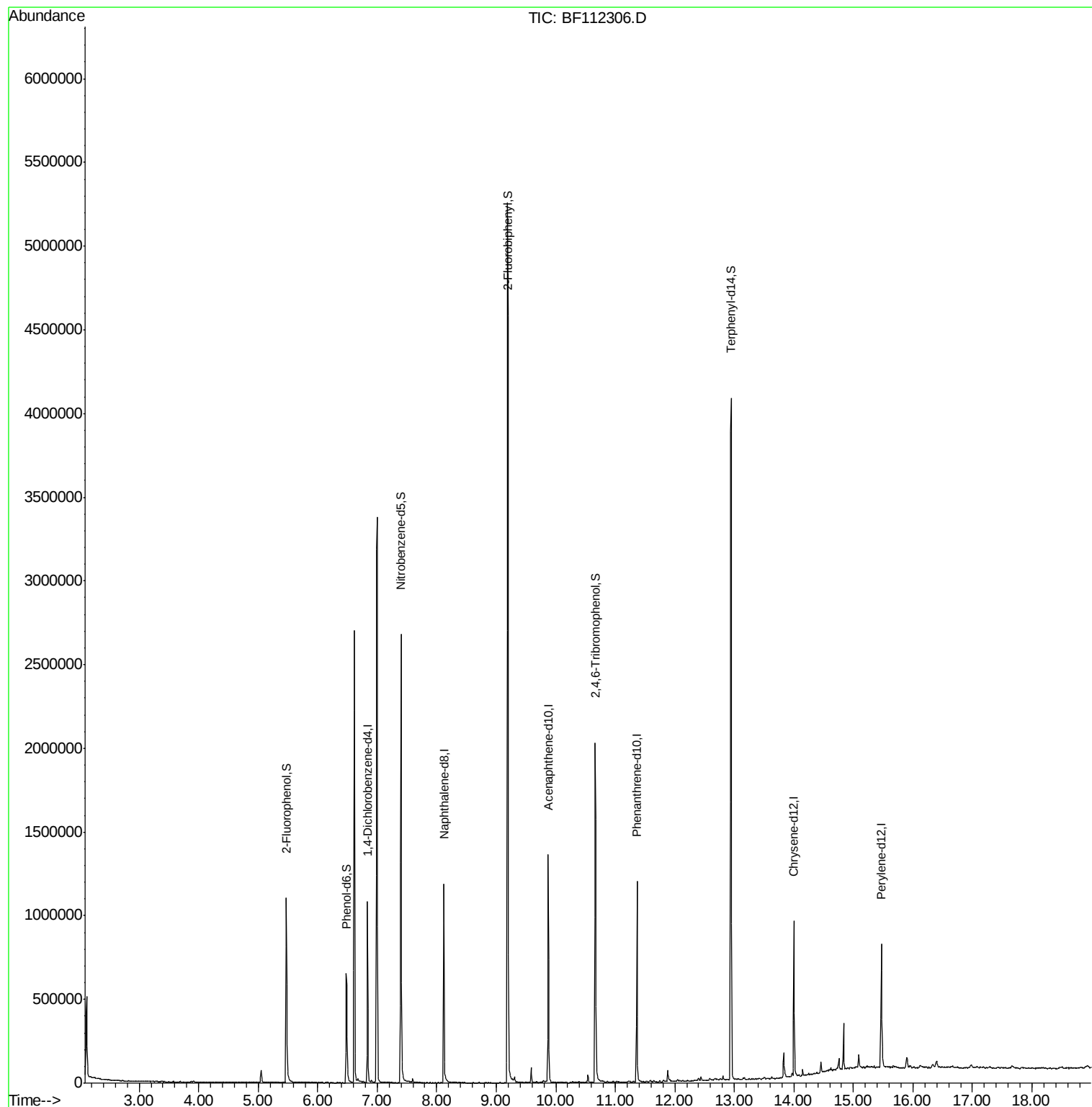
Target Compounds Qvalue

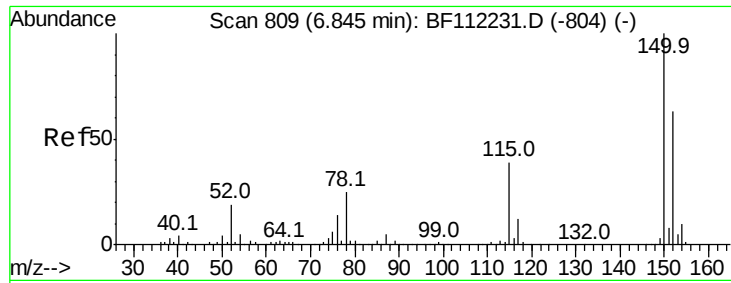
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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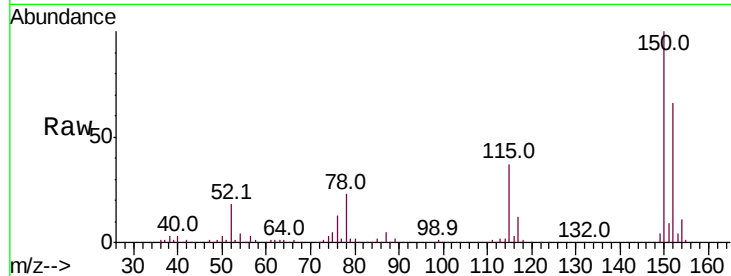


#1

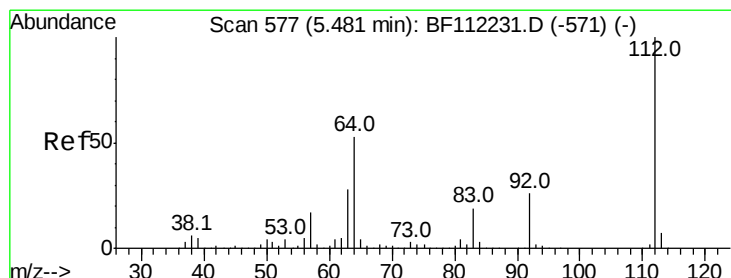
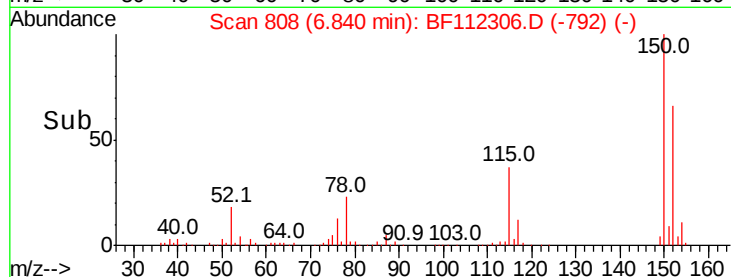
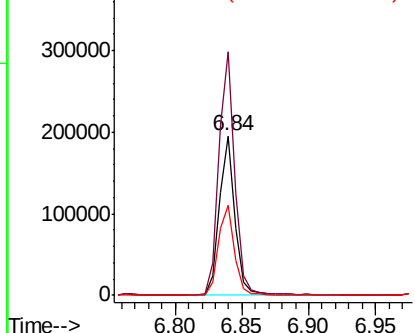
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-D-M

Tot Ion:152 Resp: 162961
Ion Ratio Lower Upper
152 100
150 152.5 127.4 191.0
115 56.7 45.5 68.3



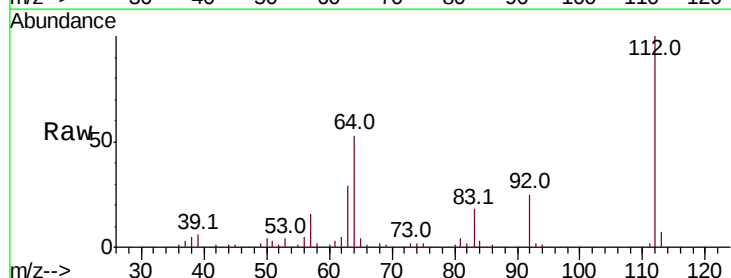
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



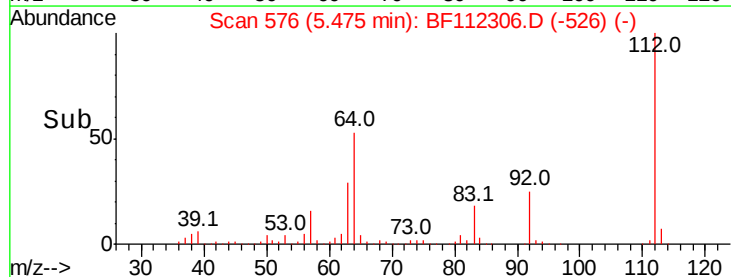
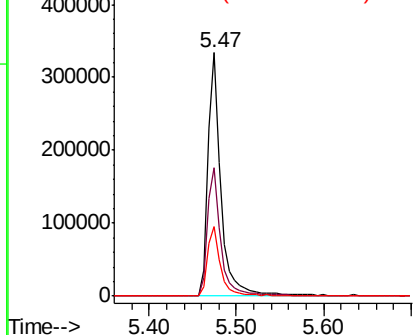
#5

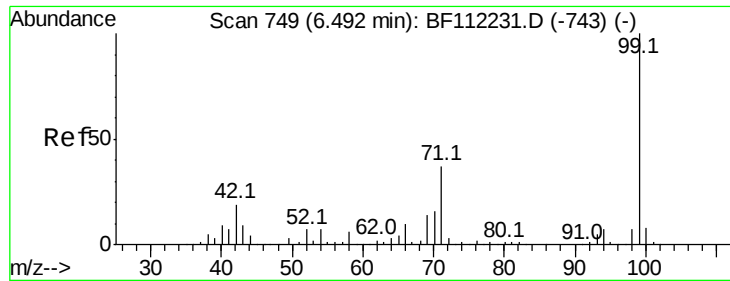
2-Fluorophenol
Concen: 45.421 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

Tgt Ion:112 Resp: 348473
Ion Ratio Lower Upper
112 100
64 53.0 45.7 68.5
63 28.7 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: 24.308 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-M

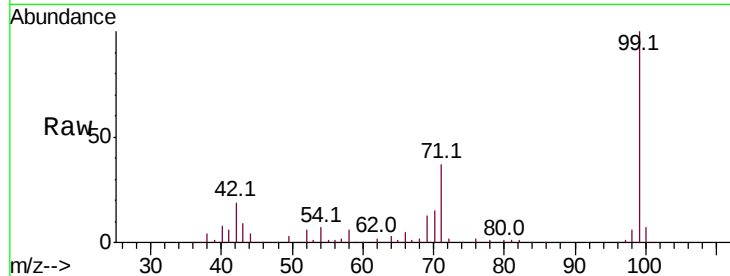
Tot Ion: 99 Resp: 259141

Ion Ratio Lower Upper

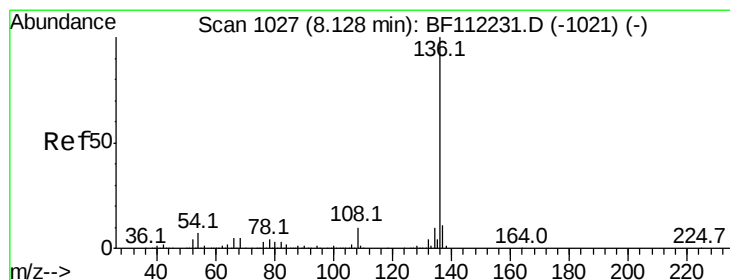
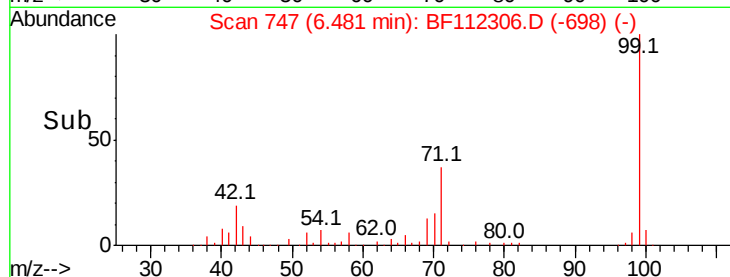
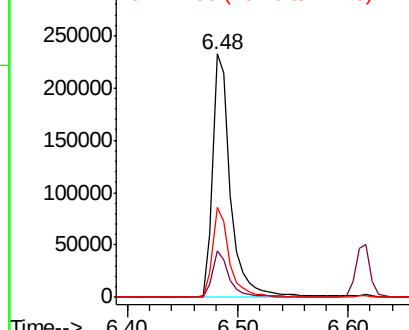
99 100

42 19.1 15.1 22.7

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112306.D

Acq: 29 Jan 2019 20:22

Tgt Ion: 136 Resp: 601593

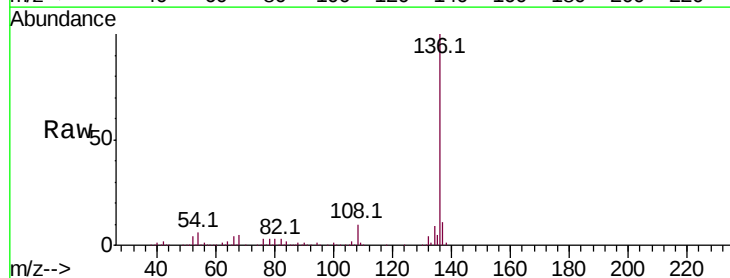
Ion Ratio Lower Upper

136 100

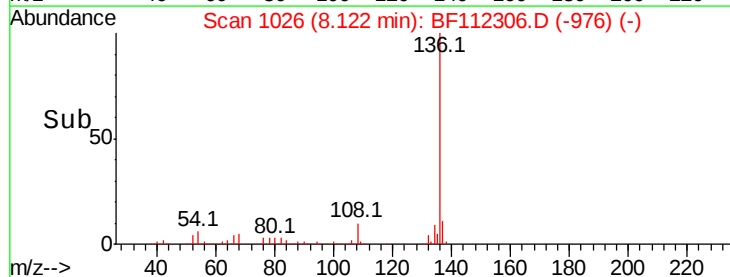
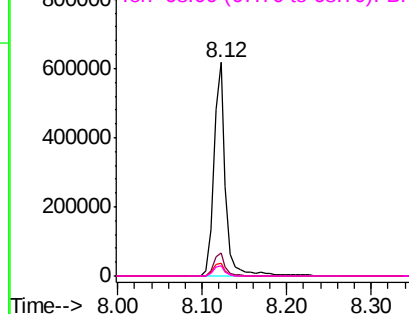
137 11.0 9.1 13.7

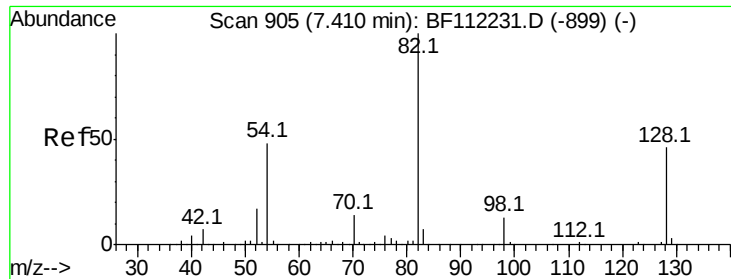
54 6.2 5.9 8.9

68 4.7 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

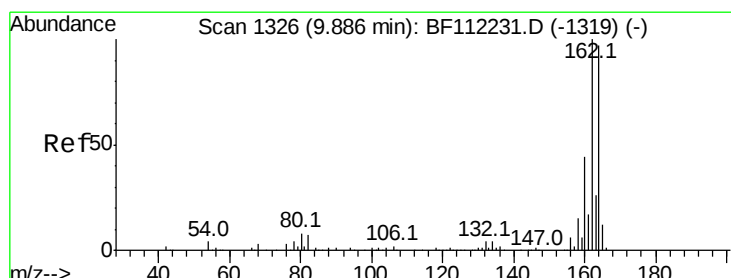
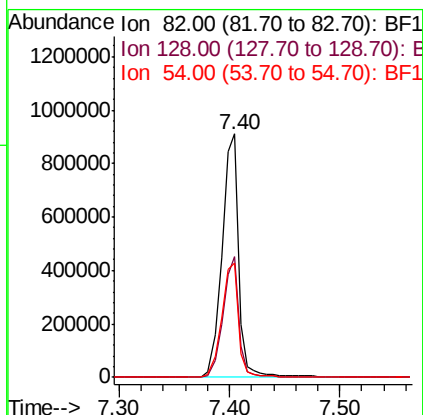
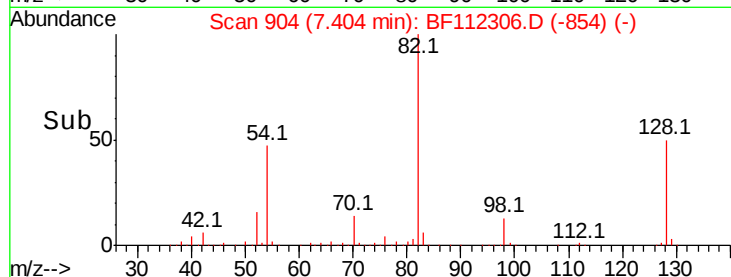
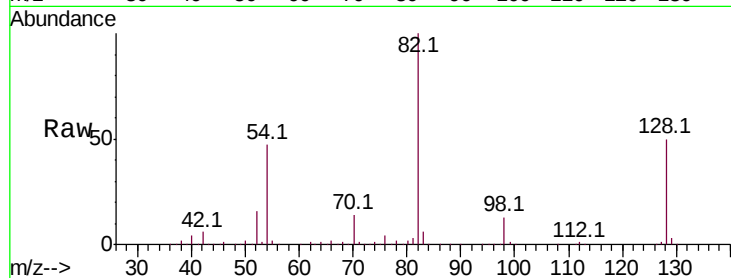




#23
 Nitrobenzene-d5
 Concen: 92.370 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

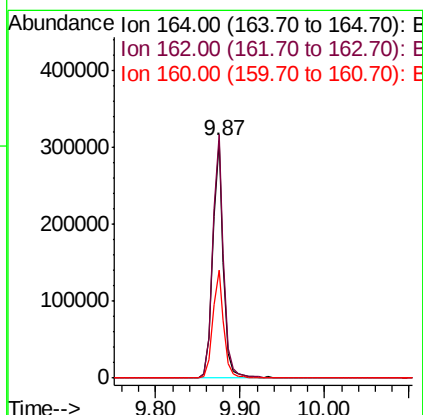
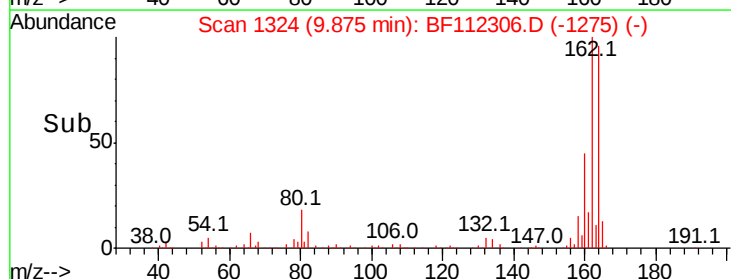
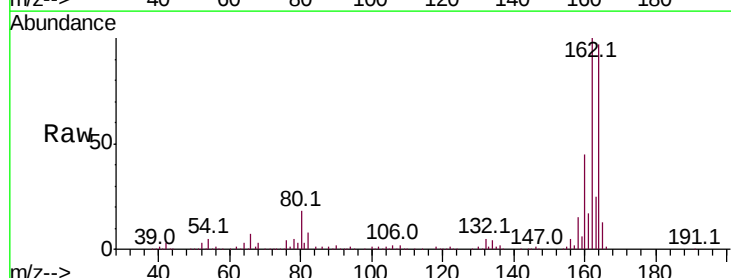
Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-M

Tot Ion: 82 Resp: 964408
 Ion Ratio Lower Upper
 82 100
 128 49.5 37.8 56.8
 54 46.8 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion: 164 Resp: 279862
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.2 123.4
 160 45.7 36.2 54.4

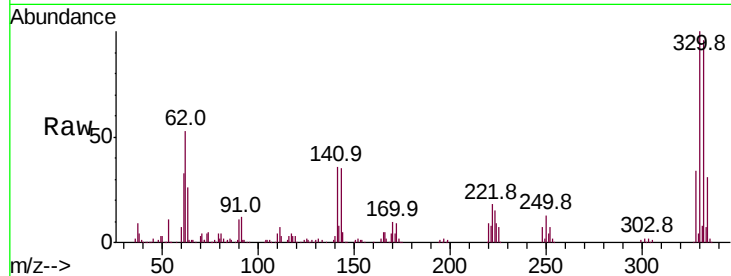




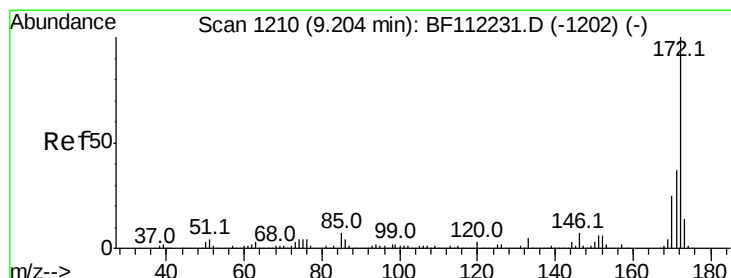
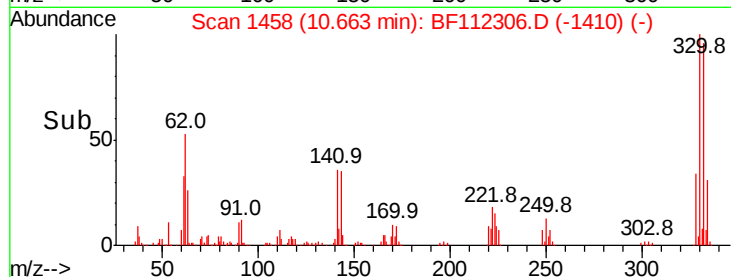
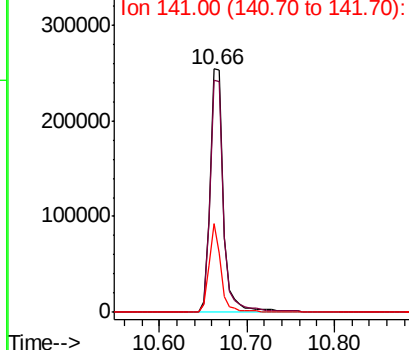
#42
 2,4,6-Tribromophenol
 Concen: 83.978 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.4	24.3	36.5

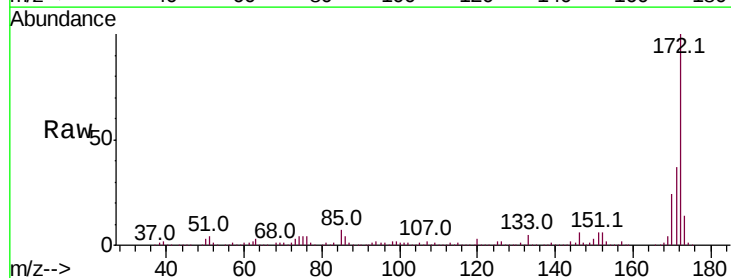


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

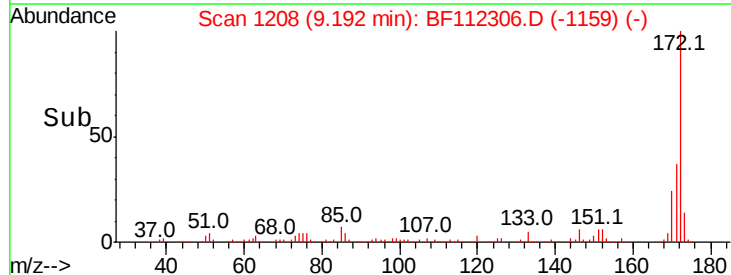
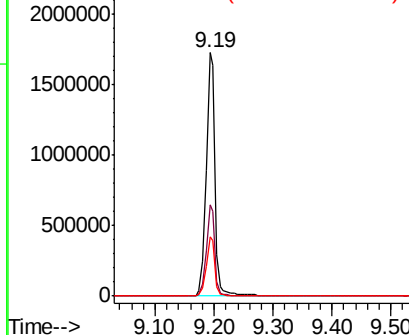


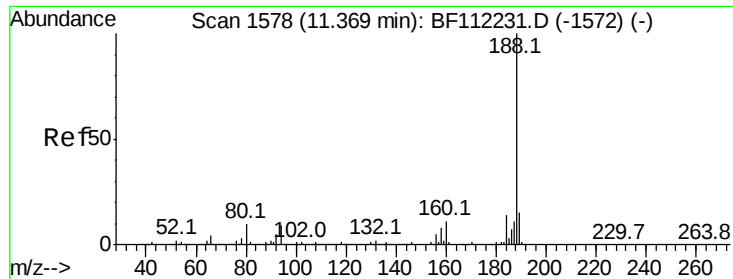
#45
 2-Fluorobiphenyl
 Concen: 91.517 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.5	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

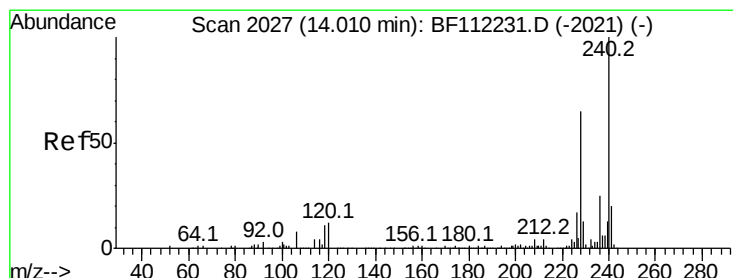
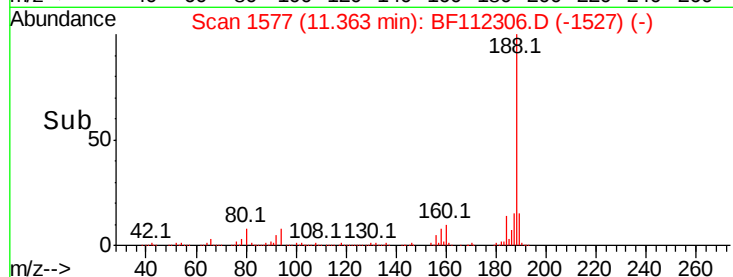
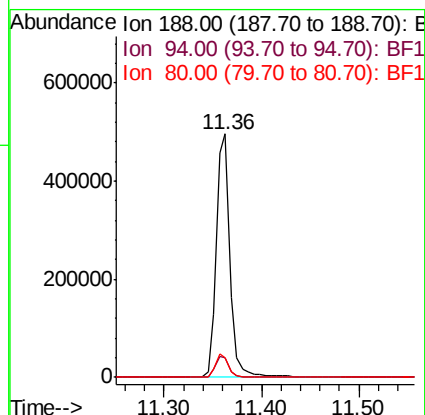
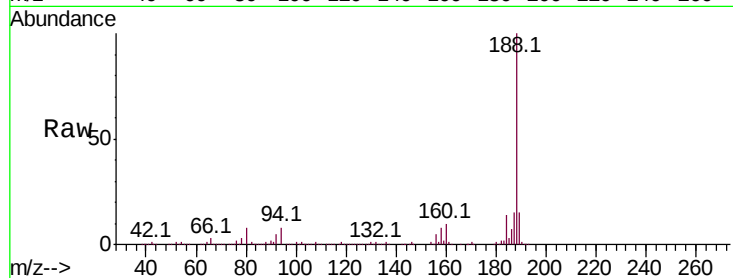




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

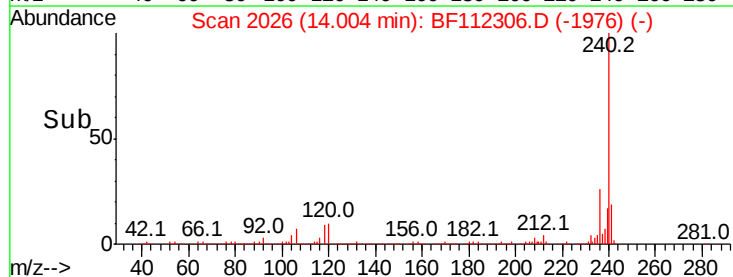
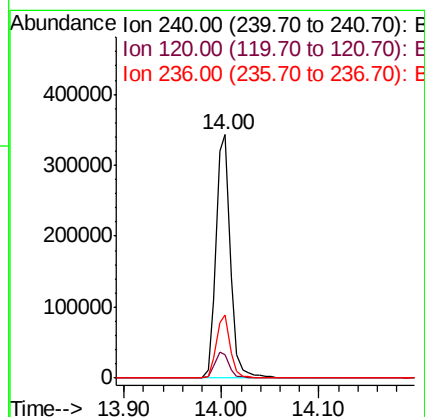
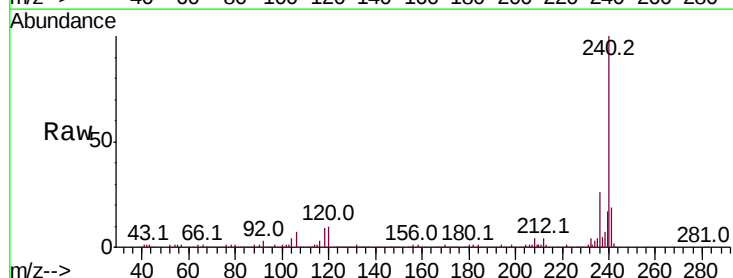
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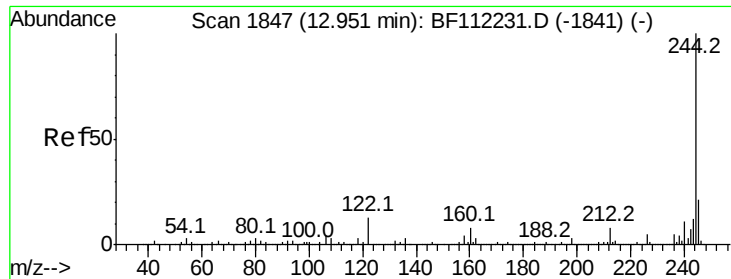
Tot Ion:188 Resp: 478868
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 8.1 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112306.D
Acq: 29 Jan 2019 20:22

Tgt Ion:240 Resp: 353962
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.6
236 25.9 20.7 31.1



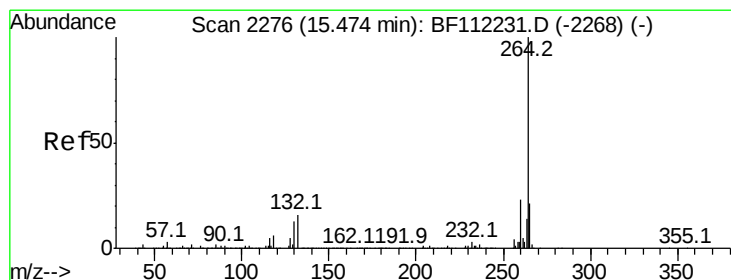
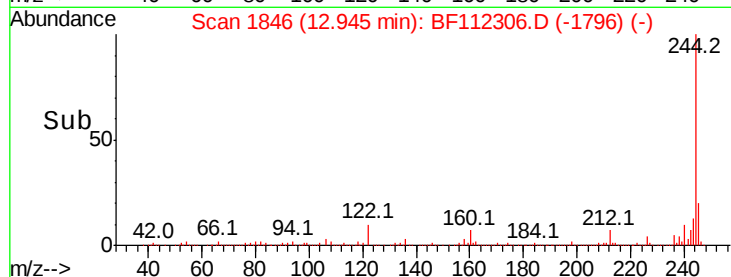
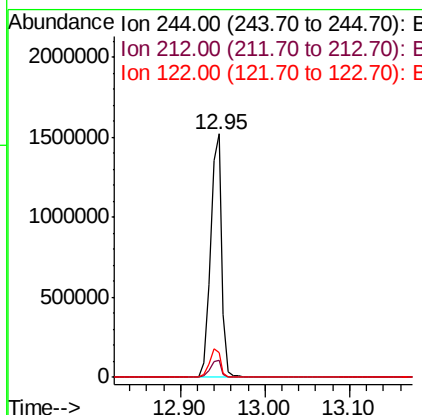
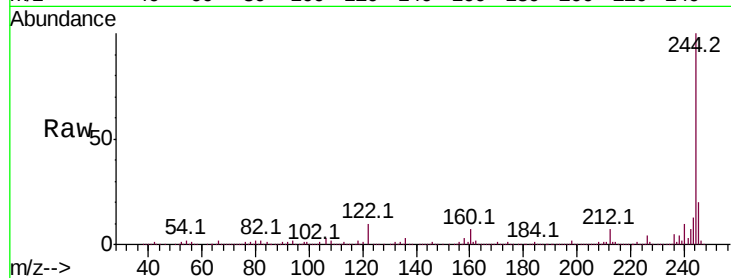


#79
 Terphenyl-d14
 Concen: 75.939 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-M

Tot Ion:244 Resp: 1427146

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.1	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112306.D
 Acq: 29 Jan 2019 20:22

Tgt Ion:264 Resp: 329832

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.6	17.0	25.4

