

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112305.D
 Acq On : 29 Jan 2019 19:54
 Operator : JU/SJ
 Sample : K1266-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jan 30 00:57:30 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	181187	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	661311	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	296454	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	517393	20.00	ng	0.00
76) Chrysene-d12	14.00	240	404904	20.00	ng	0.00
87) Perylene-d12	15.47	264	378340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	342972	40.21	ng	0.00
7) Phenol-d6	6.49	99	252026	21.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	1013347	88.29	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	295044	85.50	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1828389	87.23	ng	0.00
79) Terphenyl-d14	12.94	244	1550402	72.12	ng	0.00

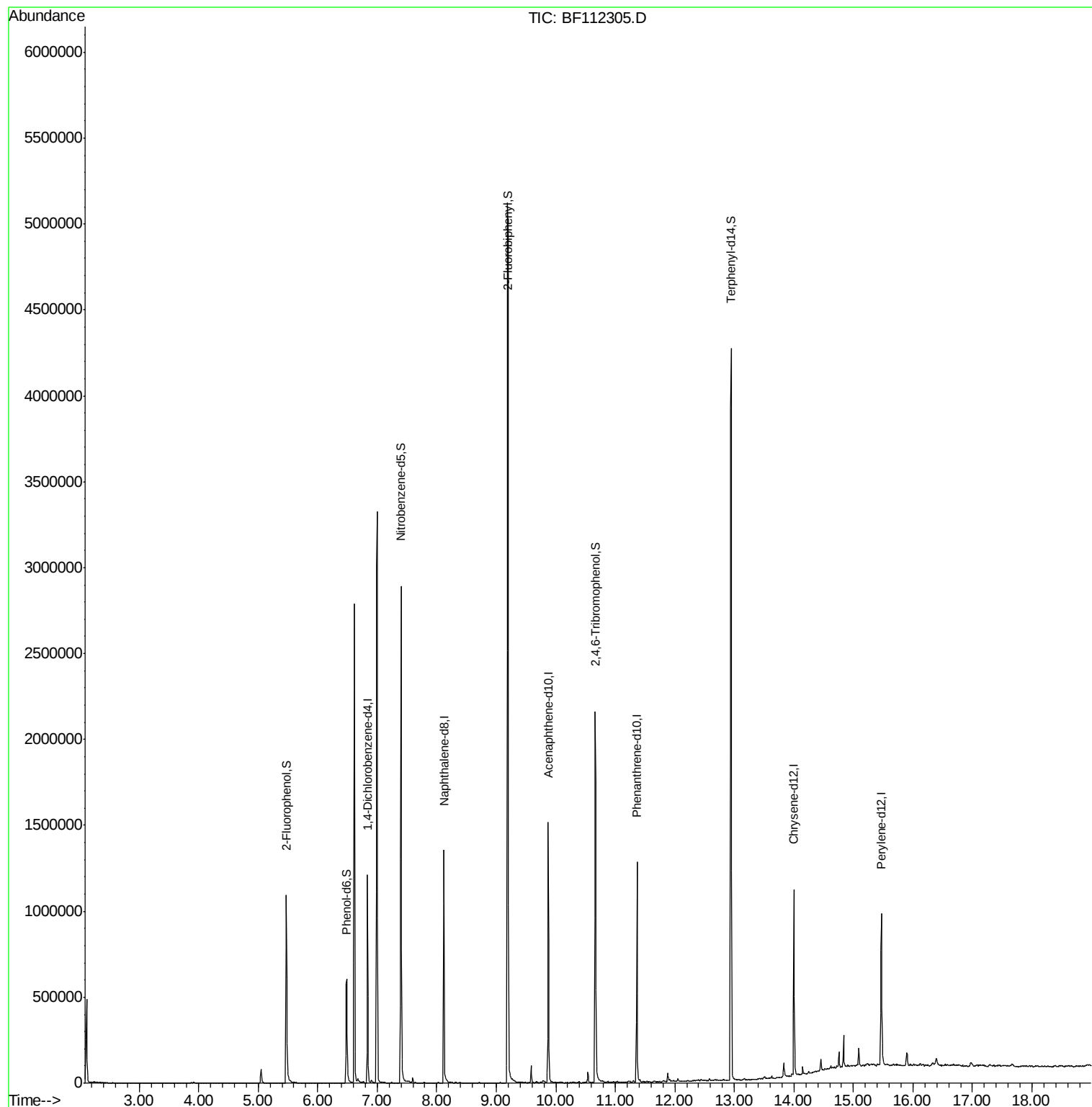
Target Compounds Qvalue

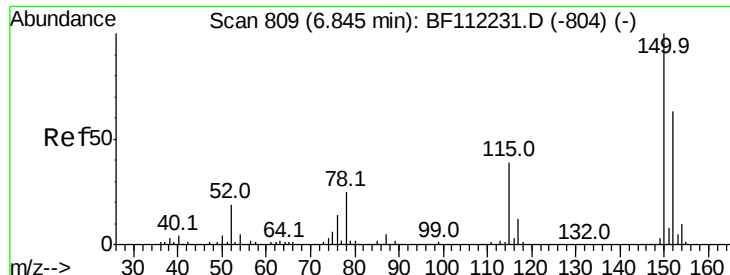
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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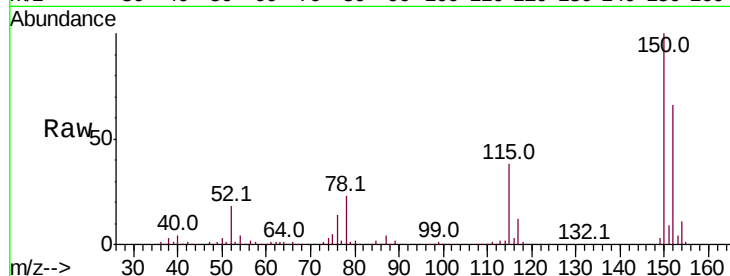


#1

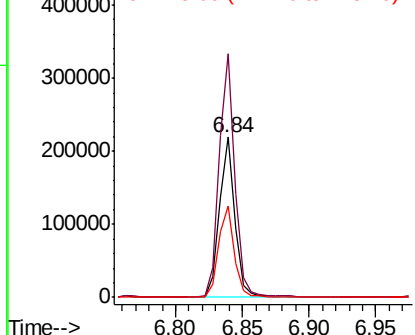
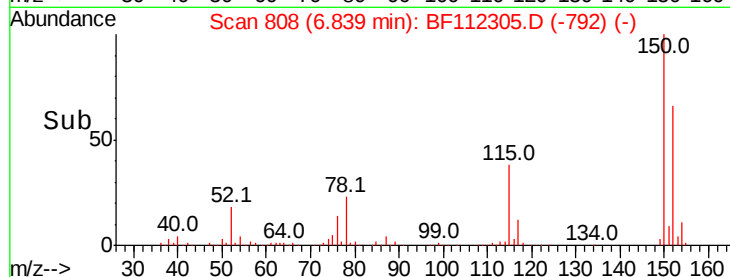
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

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

Tot Ion:152 Resp: 181187
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.4 191.0
 115 57.2 45.5 68.3



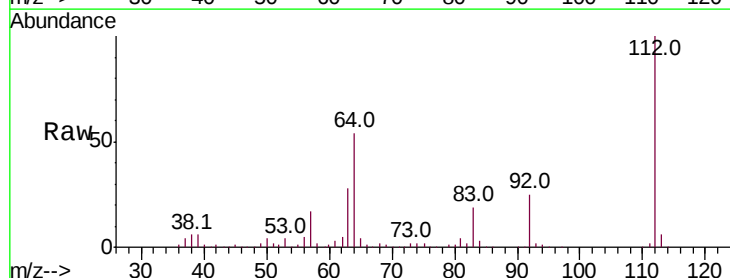
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



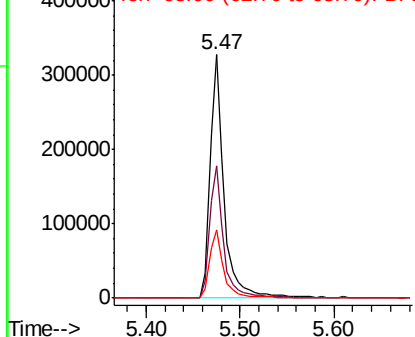
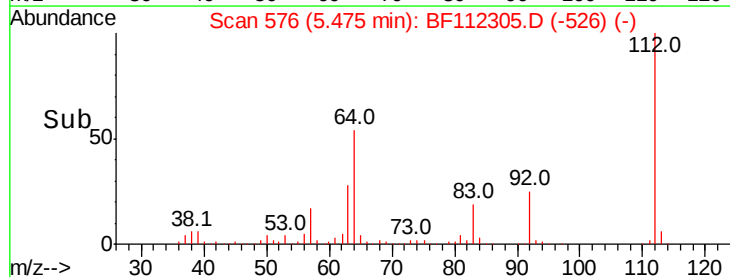
#5

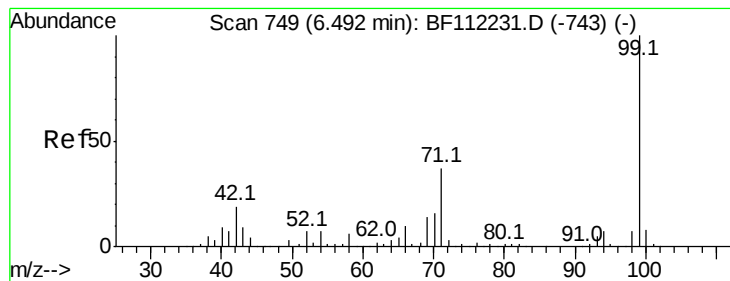
2-Fluorophenol
 Concen: 40.207 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

Tgt Ion:112 Resp: 342972
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.7 68.5
 63 28.2 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: 21.262 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112305.D

Acq: 29 Jan 2019 19:54

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-B

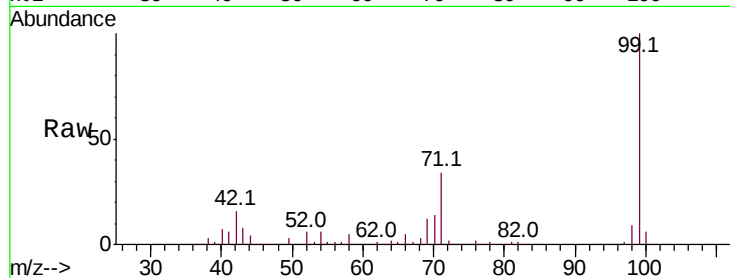
Tot Ion: 99 Resp: 252026

Ion Ratio Lower Upper

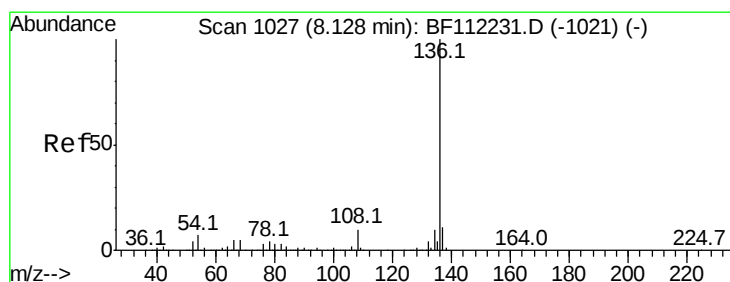
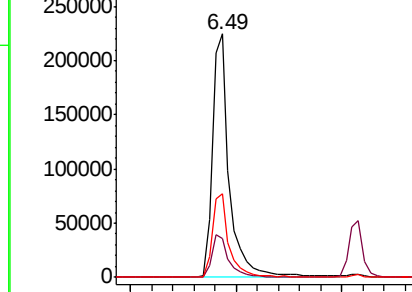
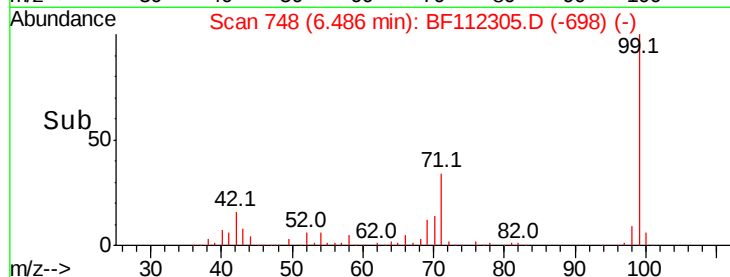
99 100

42 15.8 15.1 22.7

71 34.2 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: BF112305.D

Acq: 29 Jan 2019 19:54

Tgt Ion: 136 Resp: 661311

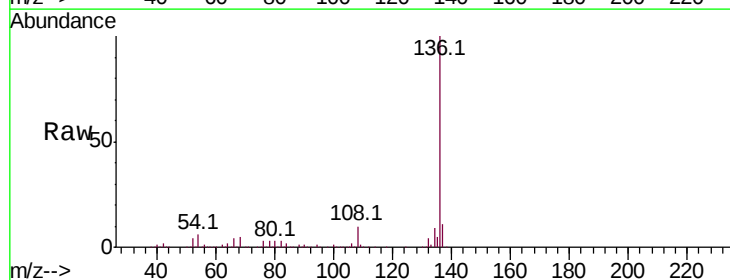
Ion Ratio Lower Upper

136 100

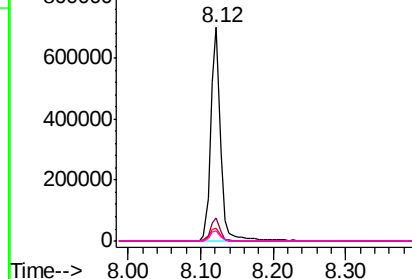
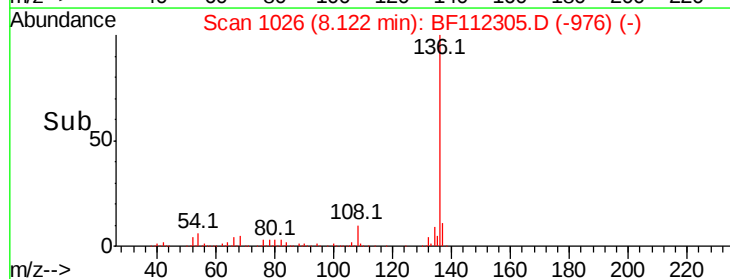
137 11.1 9.1 13.7

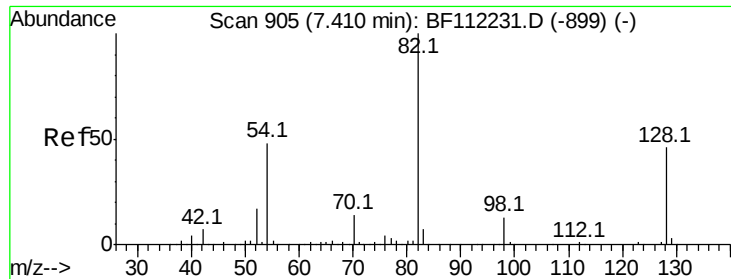
54 6.0 5.9 8.9

68 4.9 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: 88.293 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112305.D

Acq: 29 Jan 2019 19:54

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-D-B

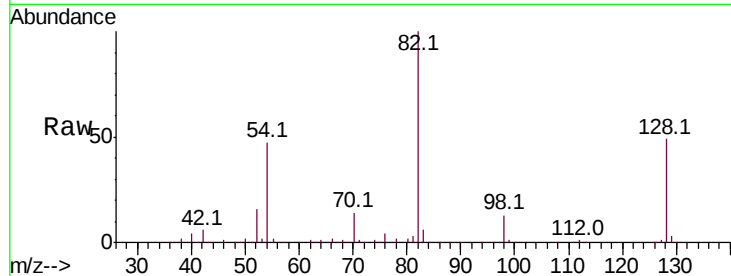
Tot Ion: 82 Resp: 1013347

Ion Ratio Lower Upper

82 100

128 48.6 37.8 56.8

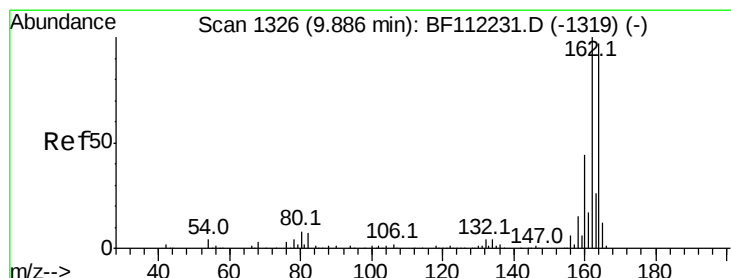
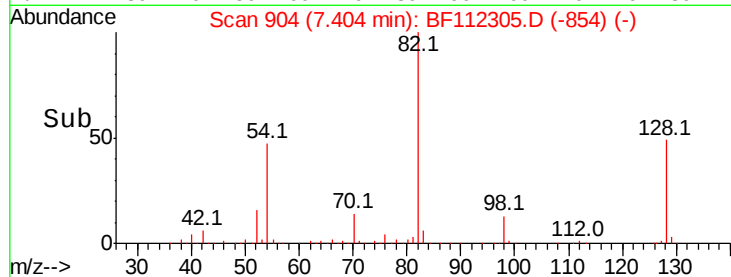
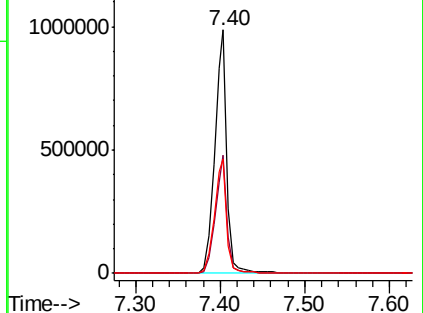
54 46.9 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112305.D

Acq: 29 Jan 2019 19:54

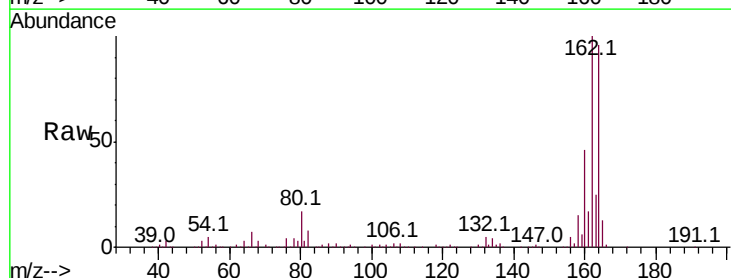
Tgt Ion:164 Resp: 296454

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.4

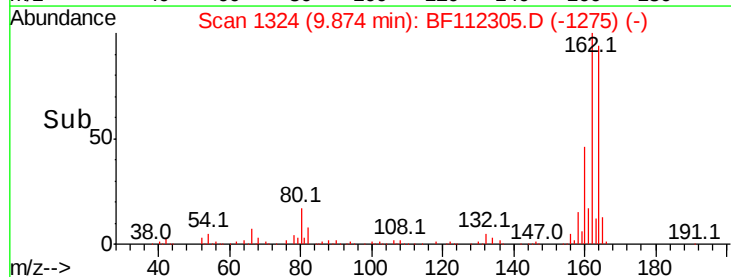
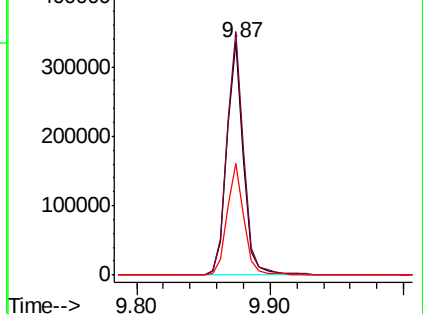
160 48.1 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

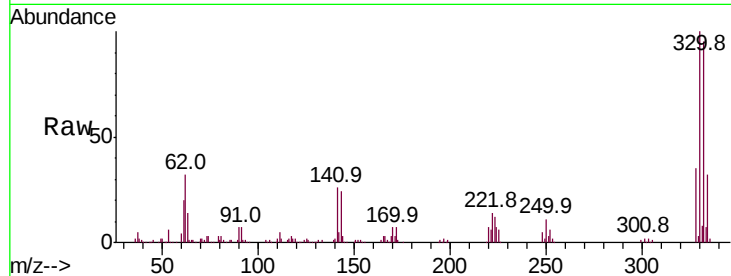




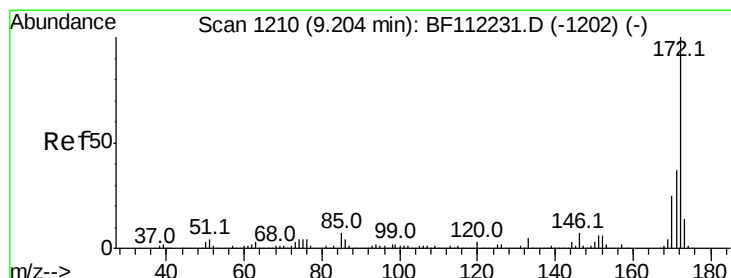
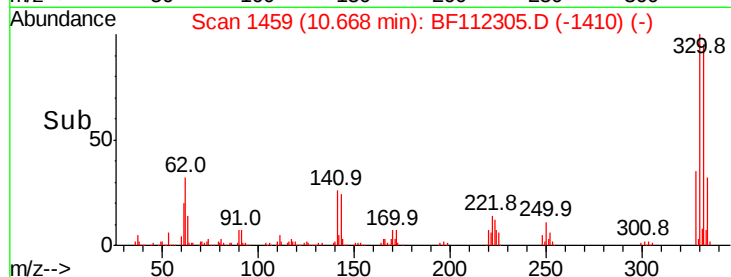
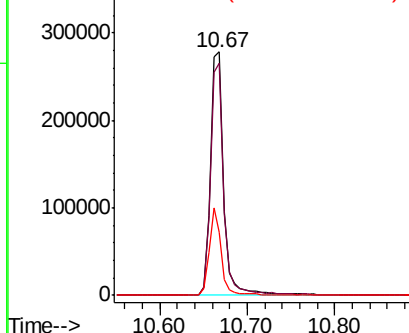
#42
 2,4,6-Tribromophenol
 Concen: 85.504 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	32.6	24.3	36.5

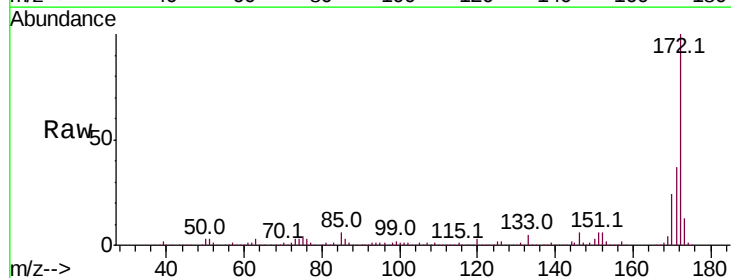


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

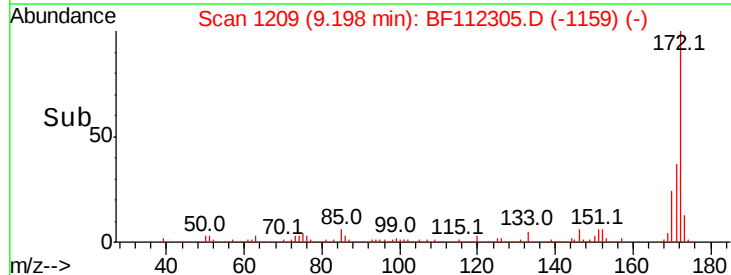
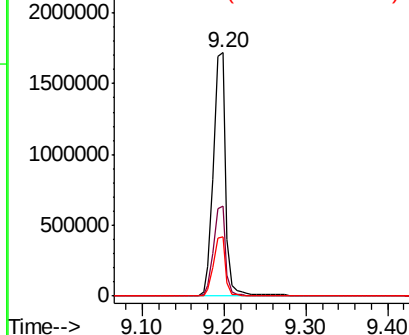


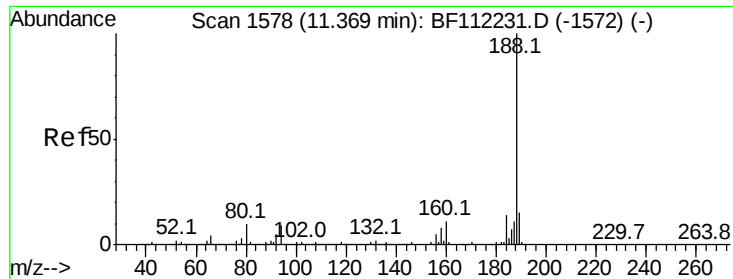
#45
 2-Fluorobiphenyl
 Concen: 87.230 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.4	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

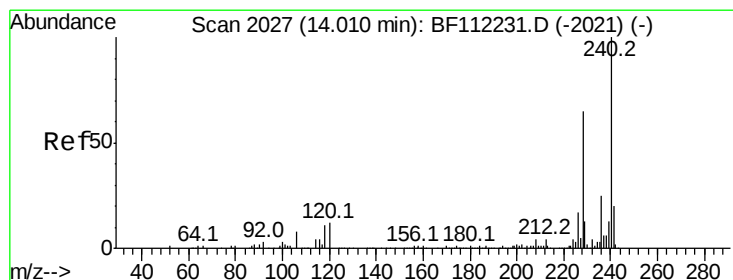
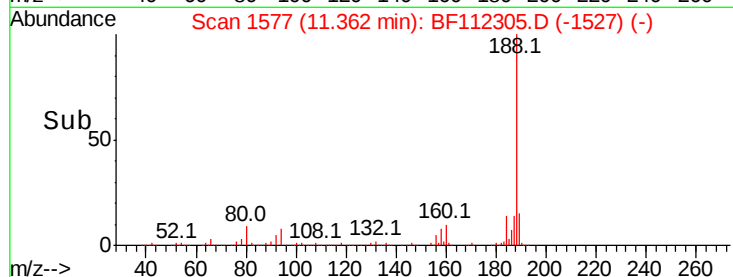
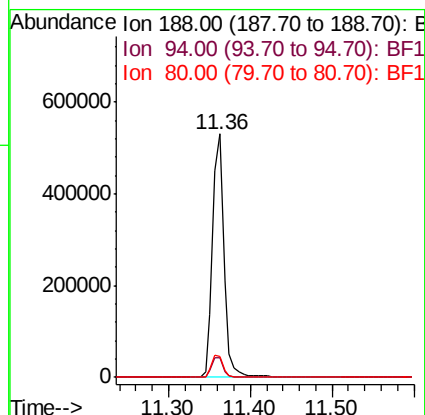
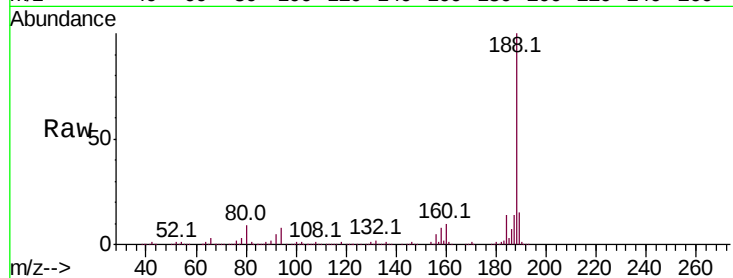




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112305.D
Acq: 29 Jan 2019 19:54

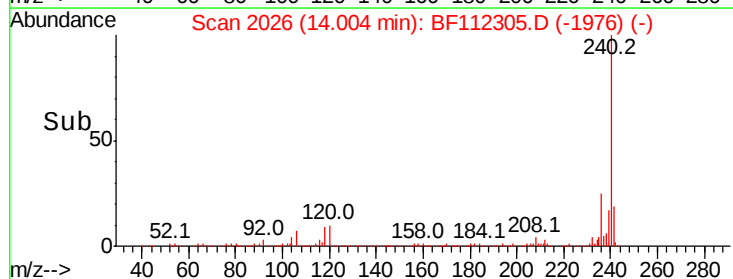
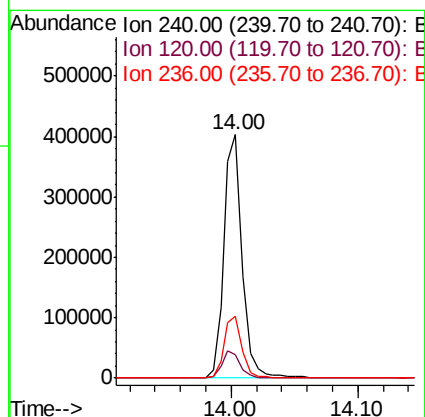
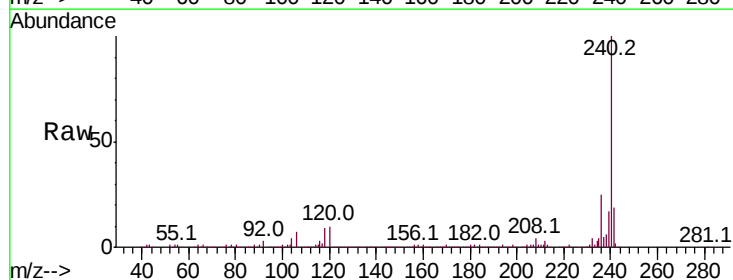
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BNA_F
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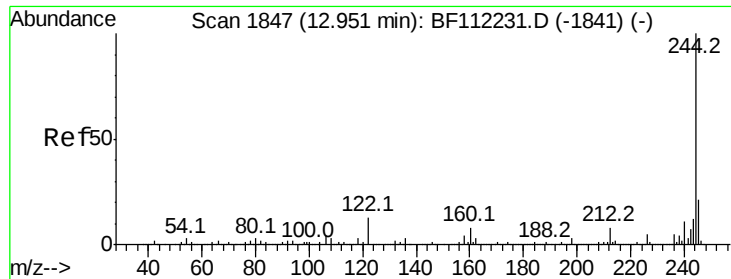
Tot Ion:188 Resp: 517393
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.2#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112305.D
Acq: 29 Jan 2019 19:54

Tgt Ion:240 Resp: 404904
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.2 20.7 31.1



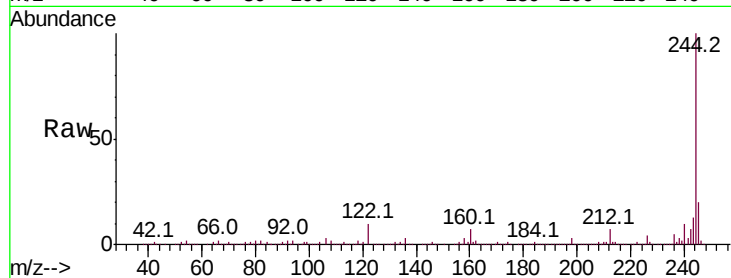


#79
 Terphenyl-d14
 Concen: 72.118 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

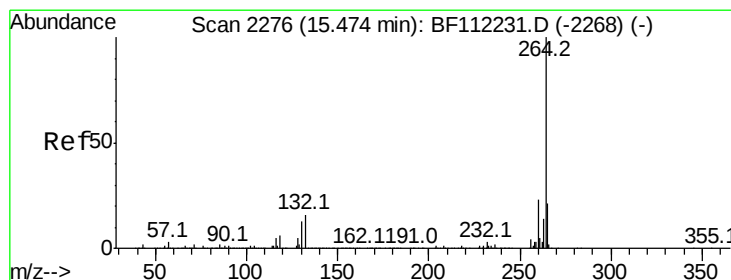
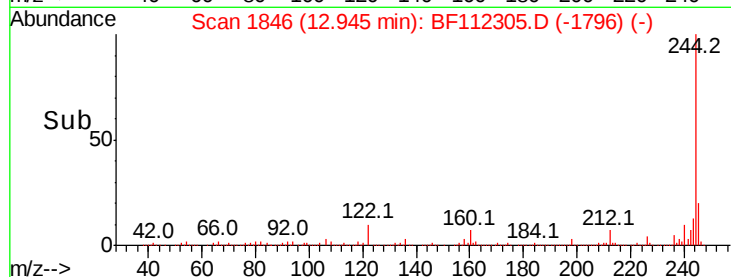
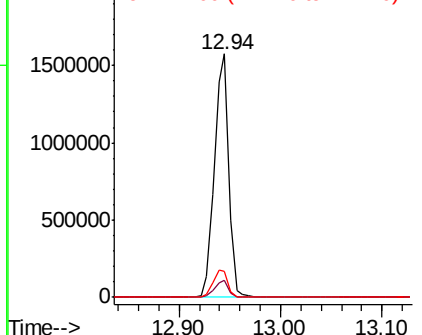
Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-D-B

Tot Ion:244 Resp: 1550402

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.5	9.8	14.6



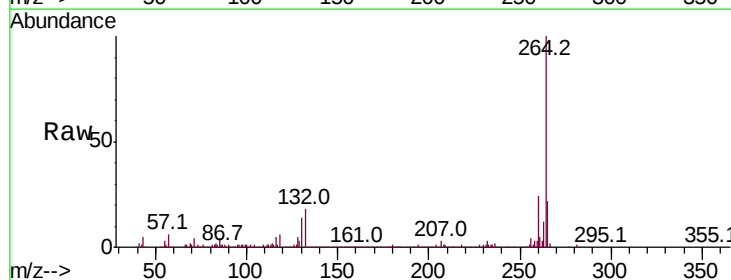
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112305.D
 Acq: 29 Jan 2019 19:54

Tgt Ion:264 Resp: 378340

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.9	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

