

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110011.D
 Acq On : 19 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5593-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-SIDI-E-D-M

Quant Time: Oct 20 01:33:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	207950	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	865106	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	412034	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	763049	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	526806	20.00	ng	-0.02
87) Perylene-d12	15.66	264	382034	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	544383	41.50	ng	-0.01
7) Phenol-d6	6.58	99	428839	26.33	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1275526	99.32	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	330516	92.65	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2219736	85.96	ng	-0.01
79) Terphenyl-d14	13.09	244	2046614	81.58	ng	-0.01

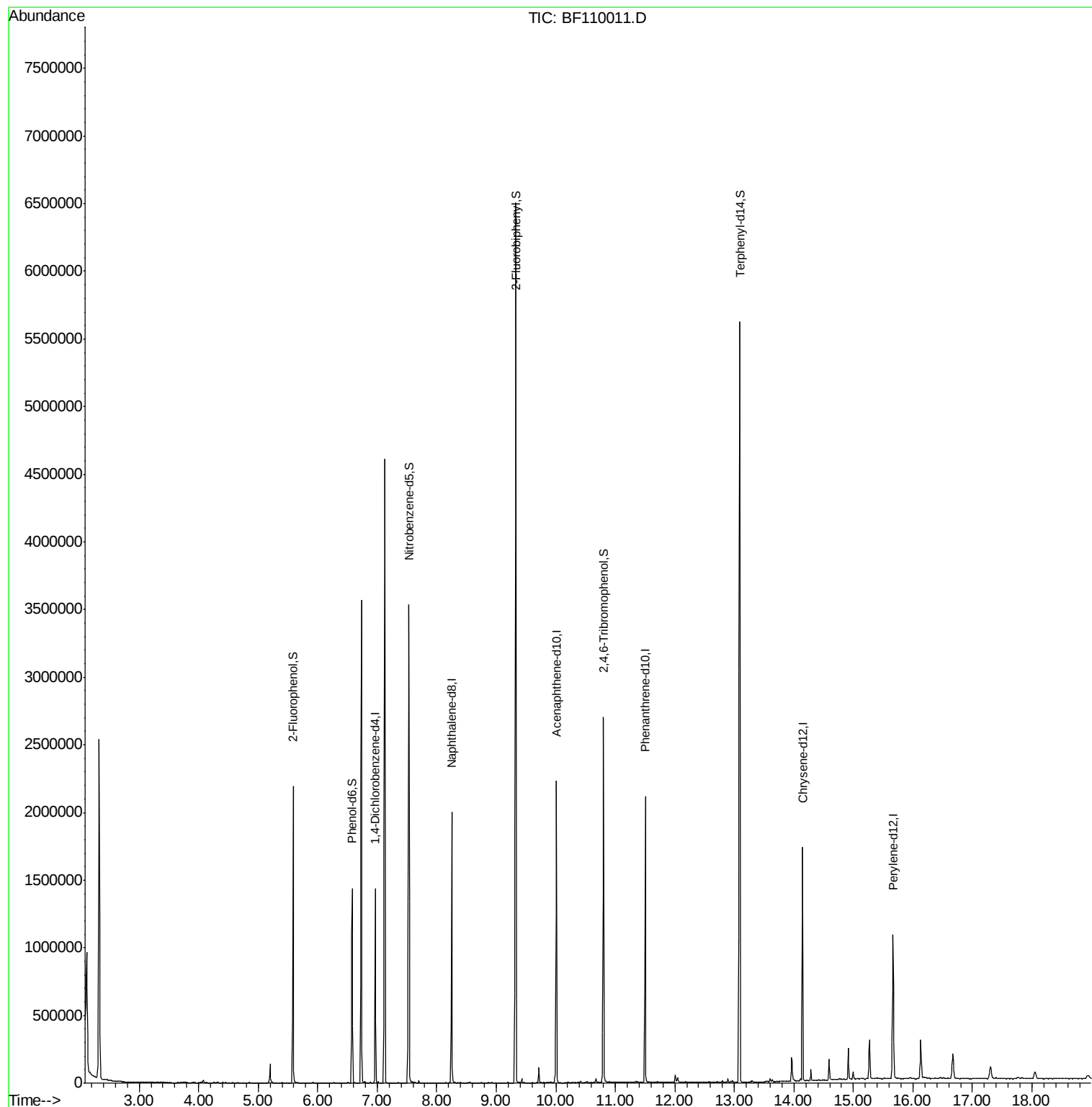
Target Compounds	Qvalue
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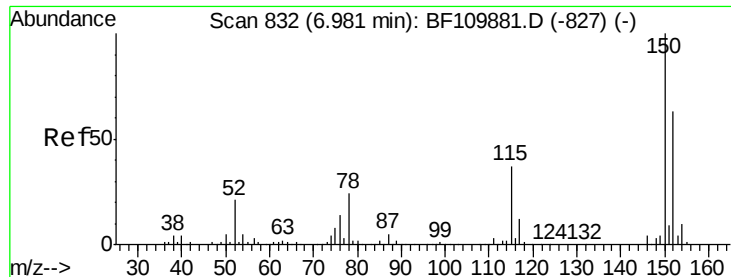
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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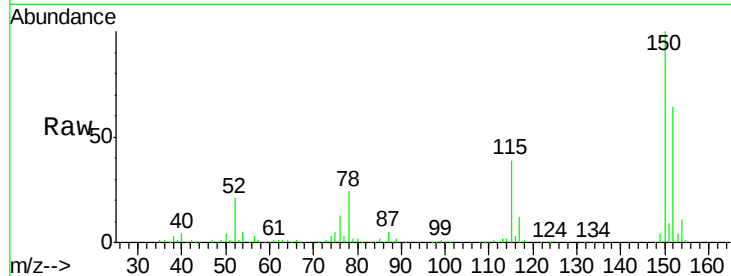


#1

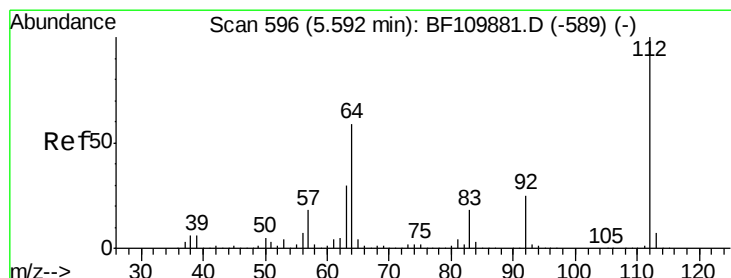
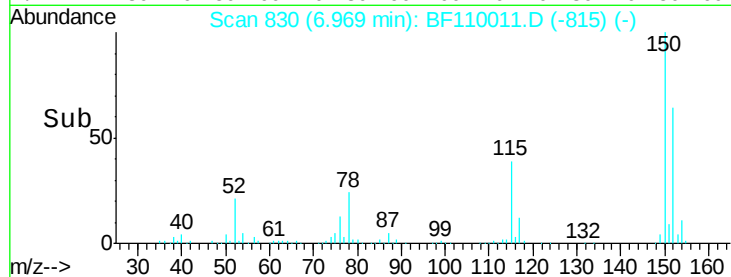
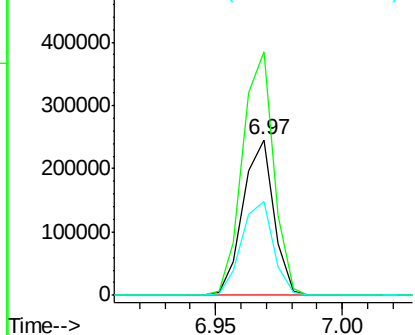
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110011.D
Acq: 19 Oct 2018 19:09

Instrument :
BNA_F
ClientSampleId :
101718-SIDI-E-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.7	184.1
115	60.5	49.1	73.7



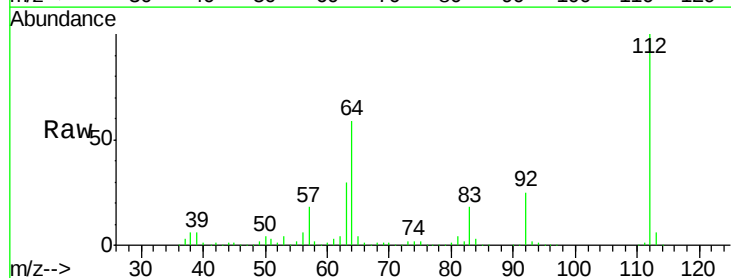
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



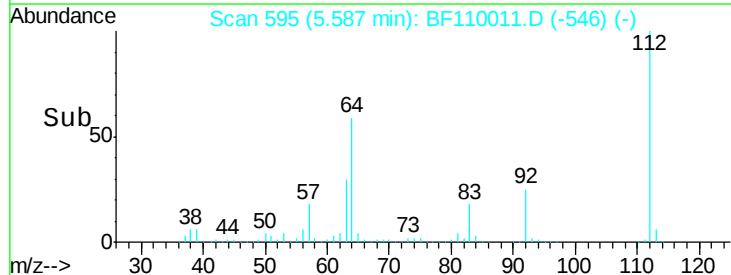
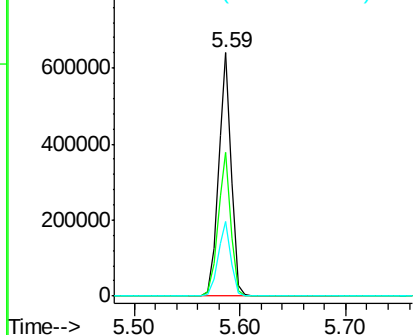
#5

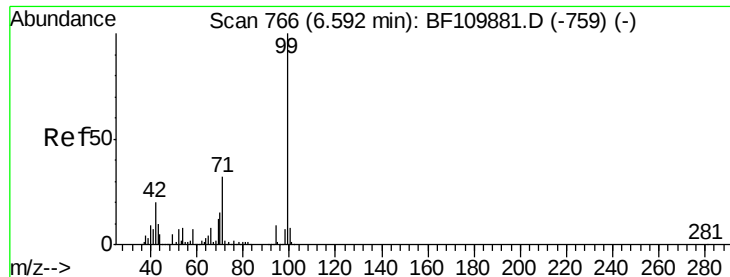
2-Fluorophenol
Concen: 41.497 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110011.D
Acq: 19 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	30.4	23.7	35.5



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: 26.325 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110011.D

Acq: 19 Oct 2018 19:09

Instrument :

BNA_F

ClientSampleId :

101718-SIDI-E-D-M

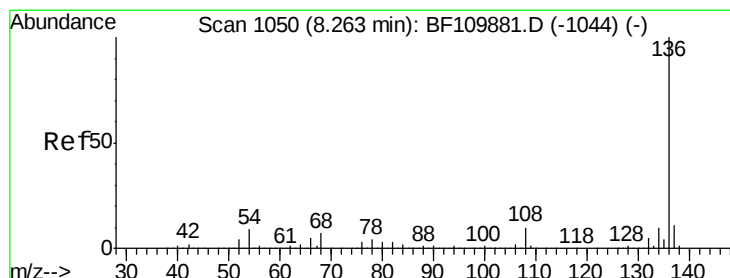
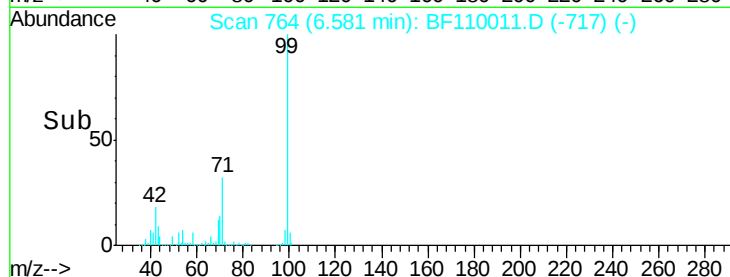
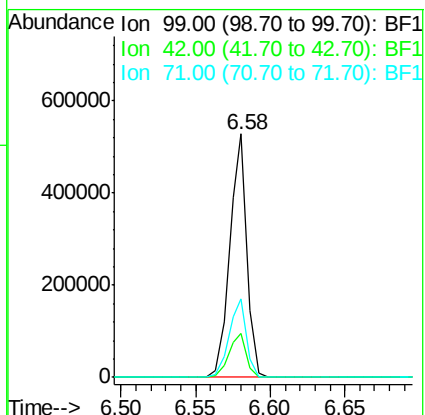
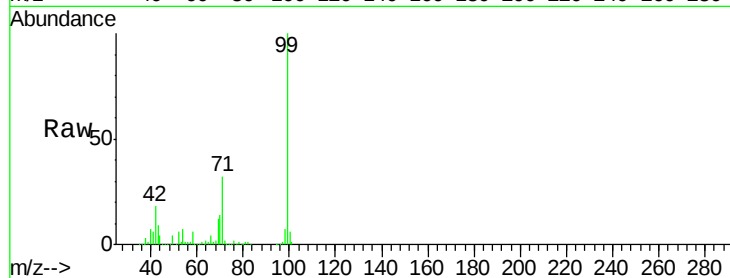
Tgt Ion: 99 Resp: 428839

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

71 32.1 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110011.D

Acq: 19 Oct 2018 19:09

Tgt Ion: 136 Resp: 865106

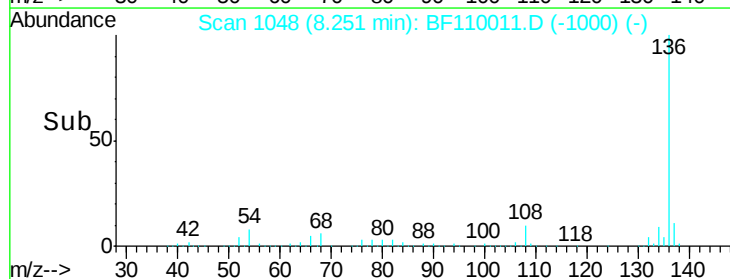
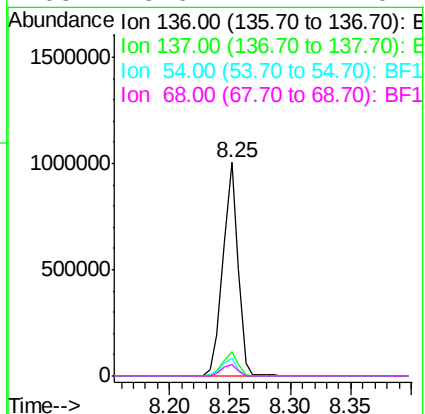
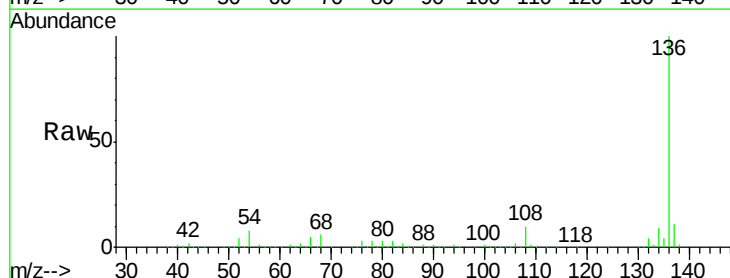
Ion Ratio Lower Upper

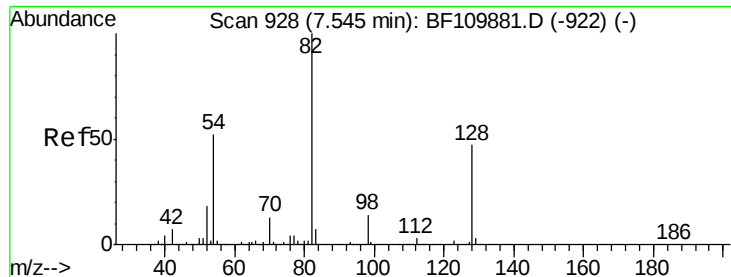
136 100

137 11.1 8.8 13.2

54 8.2 5.4 8.2

68 5.6 4.2 6.2

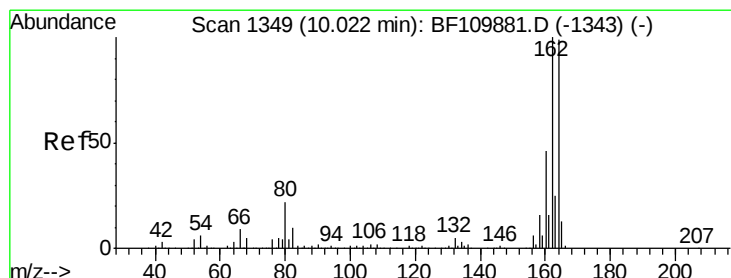
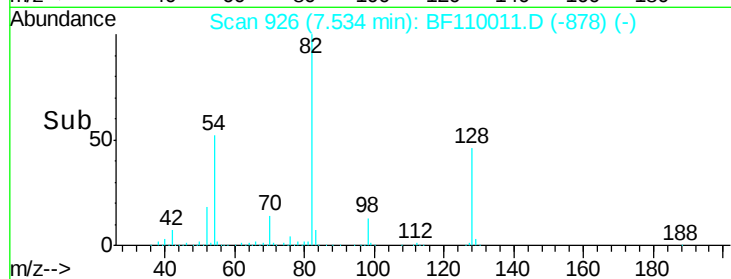
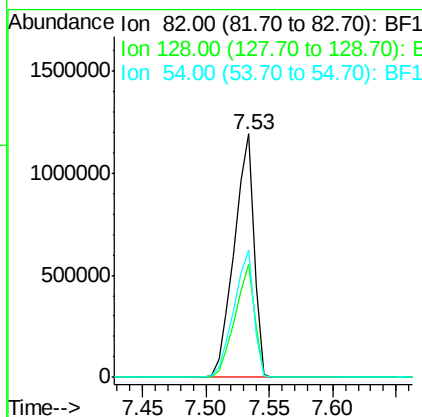
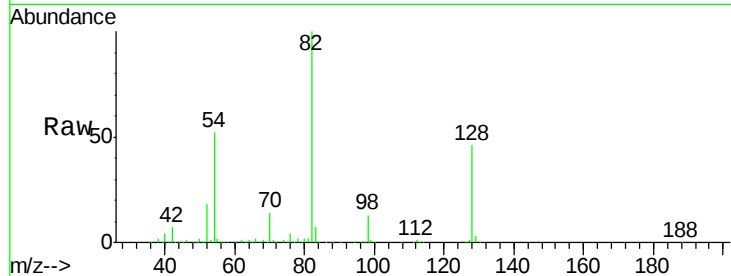




#23
 Nitrobenzene-d5
 Concen: 99.322 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110011.D
 Acq: 19 Oct 2018 19:09

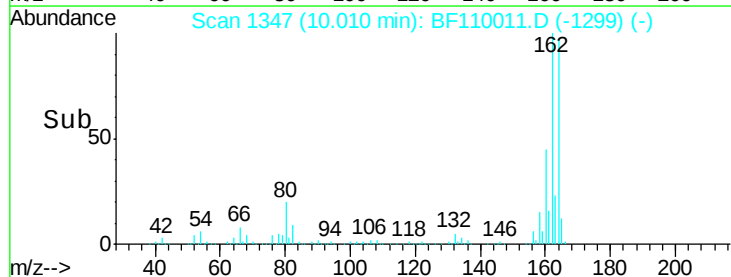
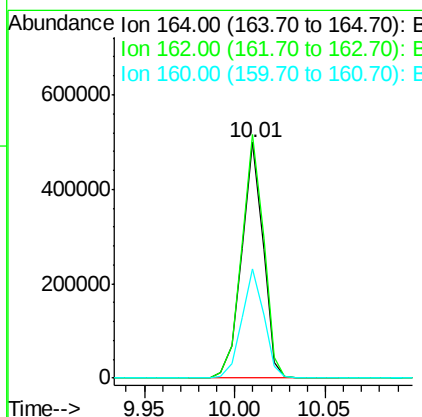
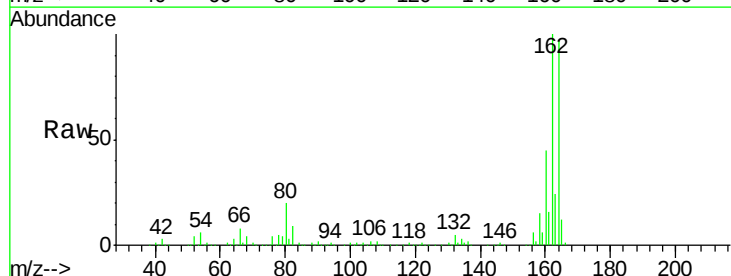
Instrument :
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 101718-SIDI-E-D-M

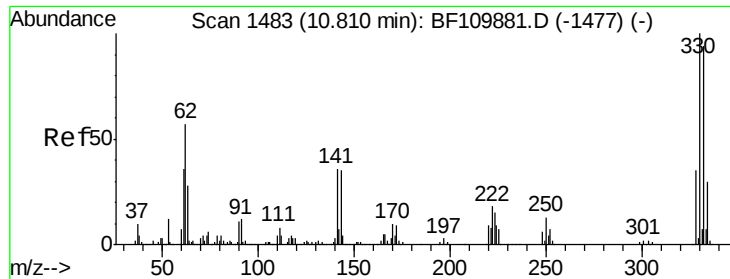
Tgt Ion: 82 Resp: 1275526
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.2 51.2
 54 52.2 38.6 58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110011.D
 Acq: 19 Oct 2018 19:09

Tgt Ion: 164 Resp: 412034
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.0 124.6
 160 46.3 37.0 55.6

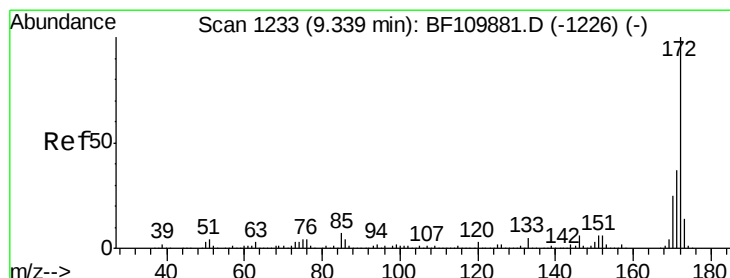
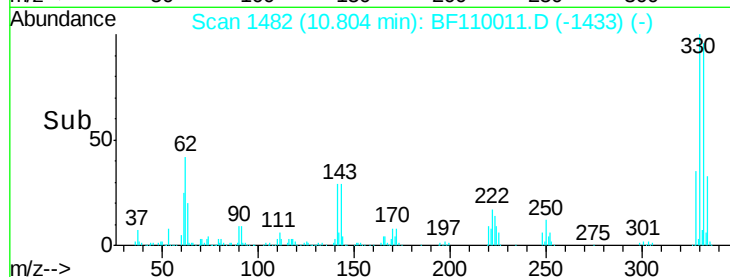
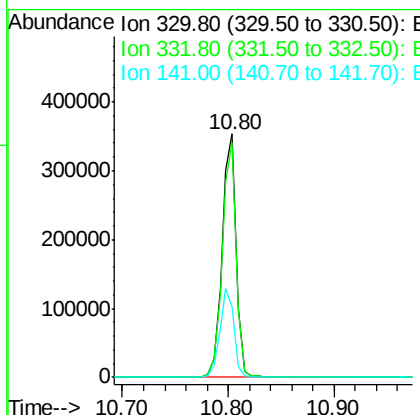
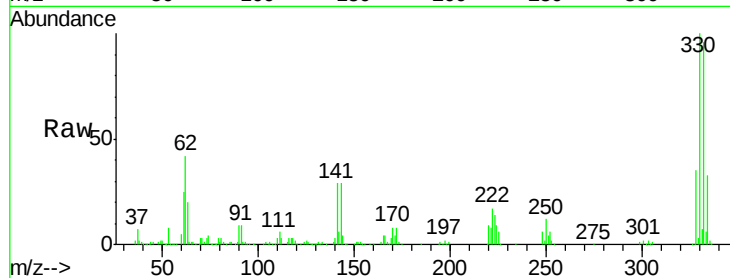




#42
 2,4,6-Tribromophenol
 Concen: 92.652 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110011.D
 Acq: 19 Oct 2018 19:09

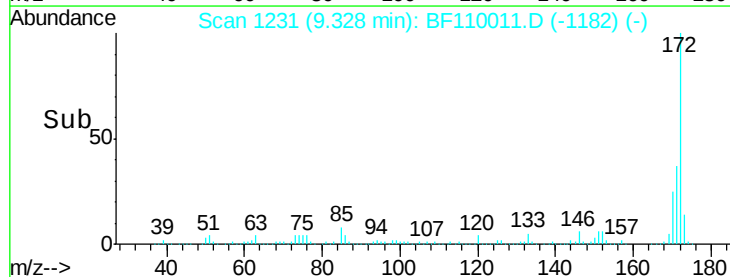
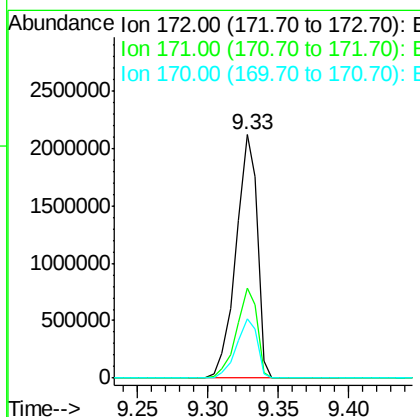
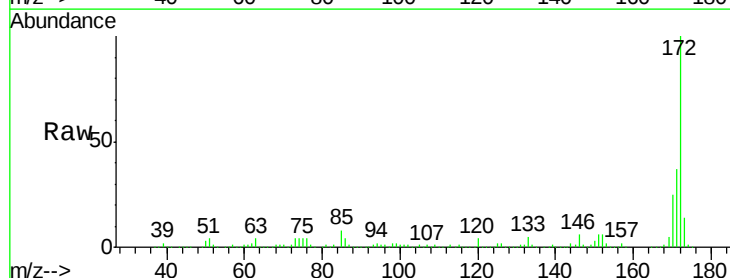
Instrument :
 BNA_F
 ClientSampleId :
 101718-SIDI-E-D-M

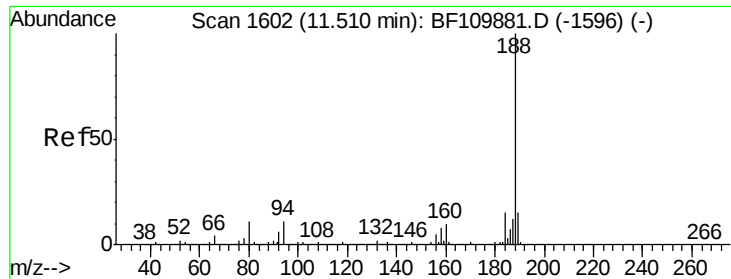
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	36.9	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 85.962 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110011.D
 Acq: 19 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	24.6	19.7	29.5

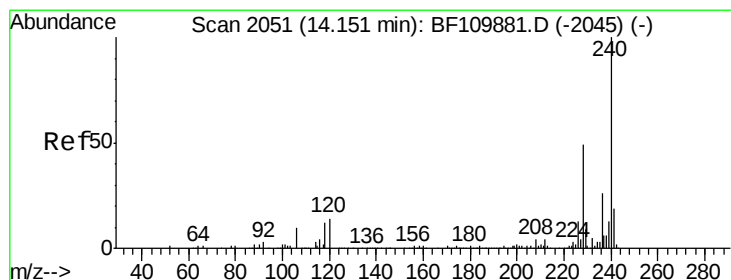
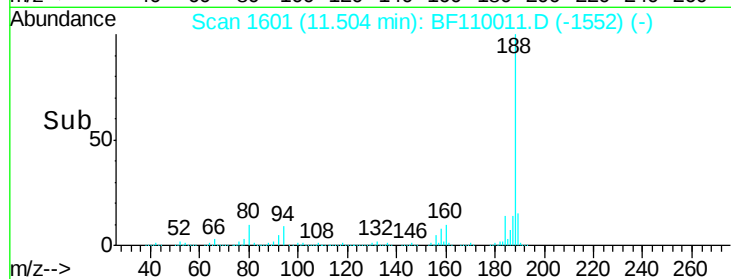
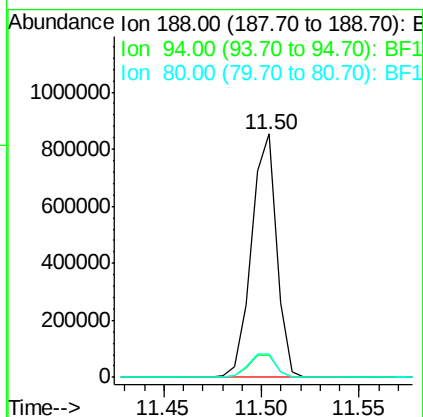
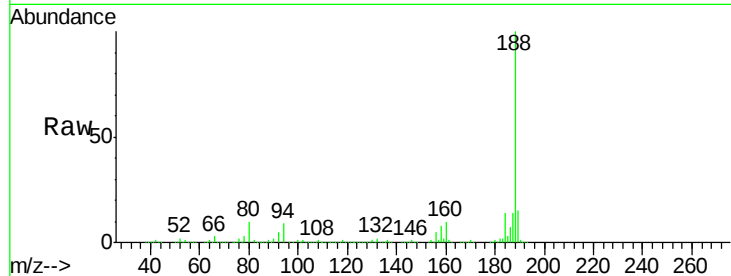




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110011.D
Acq: 19 Oct 2018 19:09

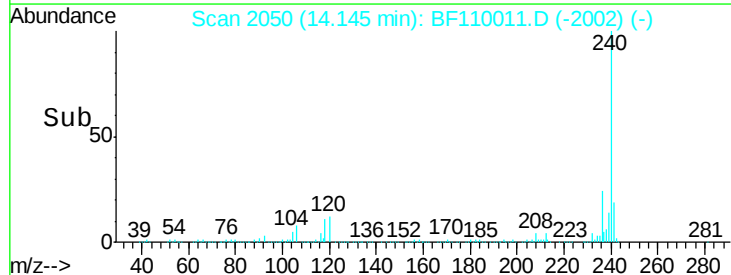
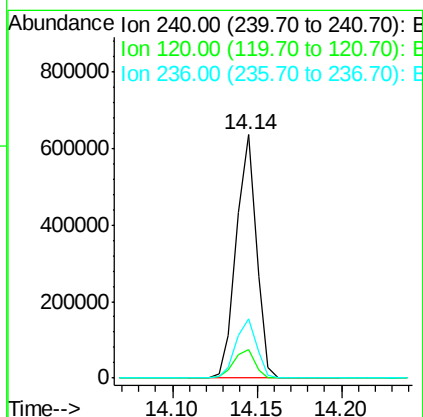
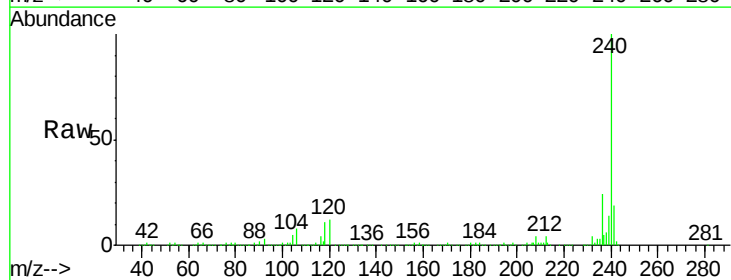
Instrument :
BNA_F
ClientSampleId :
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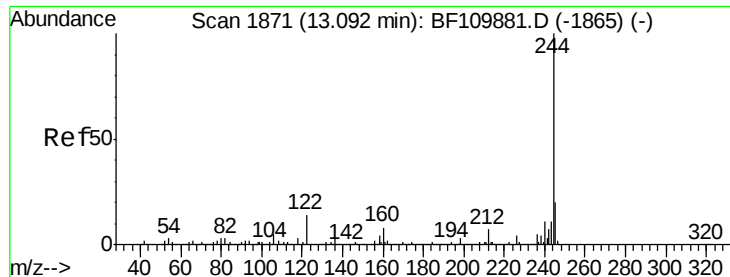
Tgt Ion:188 Resp: 763049
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110011.D
Acq: 19 Oct 2018 19:09

Tgt Ion:240 Resp: 526806
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.5 21.2 31.8





#79

Terphenyl-d14

Concen: 81.581 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110011.D

Acq: 19 Oct 2018 19:09

Instrument :

BNA_F

ClientSampleId :

101718-SIDI-E-D-M

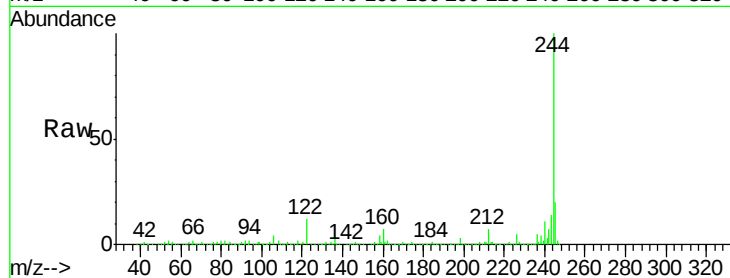
Tgt Ion:244 Resp: 2046614

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

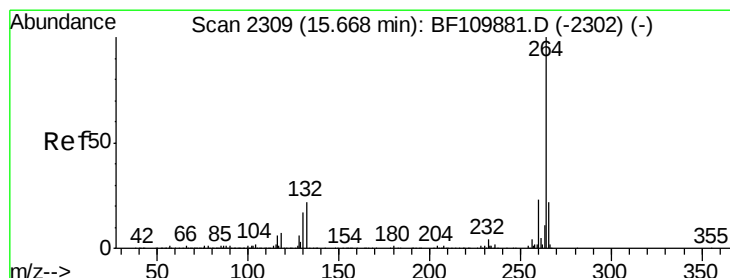
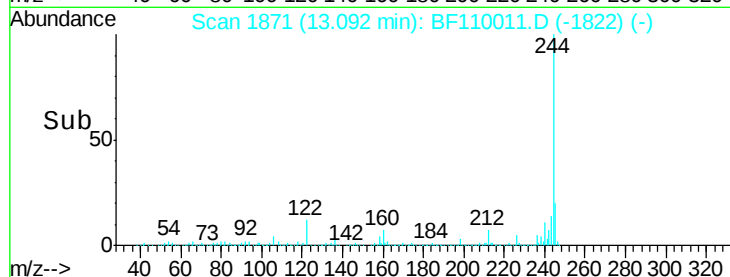
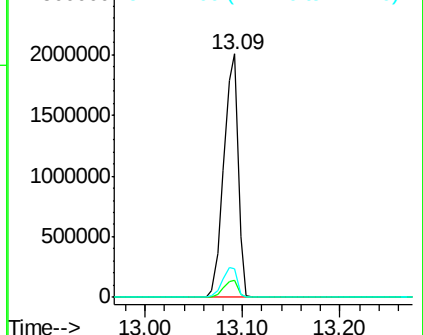
122 12.0 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF110011.D

Acq: 19 Oct 2018 19:09

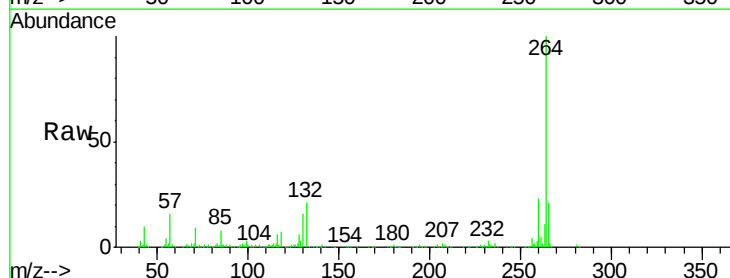
Tgt Ion:264 Resp: 382034

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.5 16.7 25.1



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

