

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111253.D
 Acq On : 10 Dec 2018 20:19
 Operator : JU/SJ
 Sample : J6282-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-7-120618

Quant Time: Dec 11 05:49:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

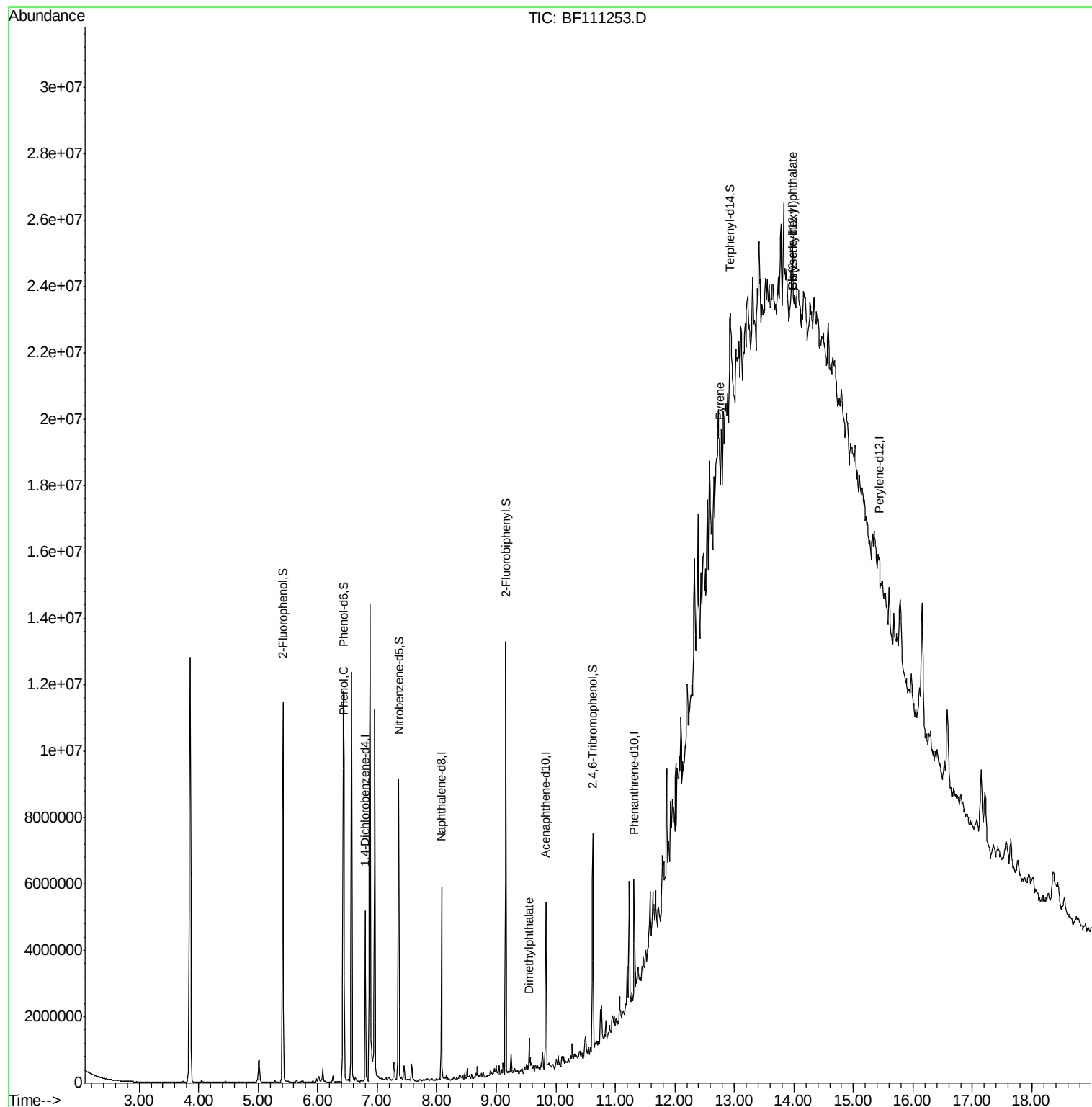
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	629001	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	2285504	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	914237	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1312516	20.00	ng	0.00
76) Chrysene-d12	13.98	240	539005	20.00	ng	0.02
87) Perylene-d12	15.43	264	627613	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	3848650	96.62	ng	0.01
7) Phenol-d6	6.43	99	4897141	98.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	3031886	74.41	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	748123	92.38	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4066981	74.45	ng	0.00
79) Terphenyl-d14	12.92	244	2095573	93.26	ng	0.02
Target Compounds						
10) Phenol	6.45	94	476118	8.225	ng	90
50) Dimethylphthalate	9.55	163	314714	4.665	ng	# 95
78) Pyrene	12.76	202	102461	2.660	ng	# 84
84) Bis(2-ethylhexyl)phthalate	13.97	149	1085453	45.405	ng	97

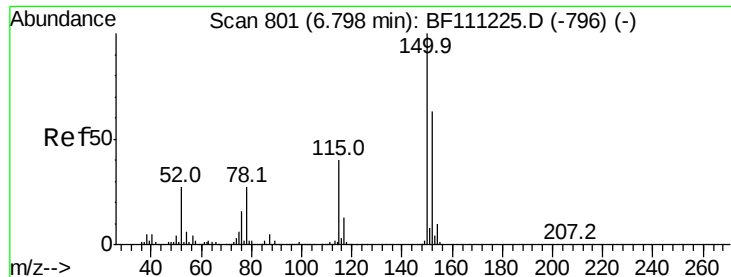
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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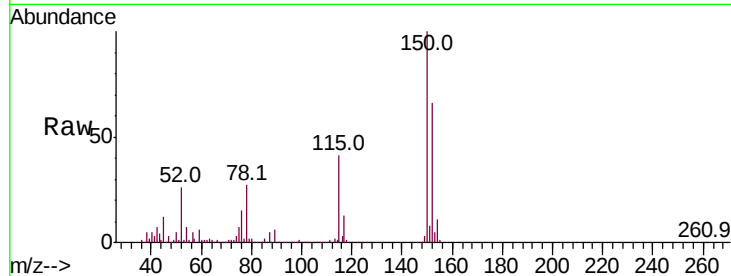


#1

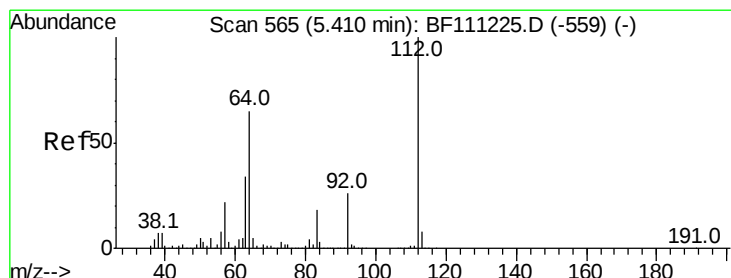
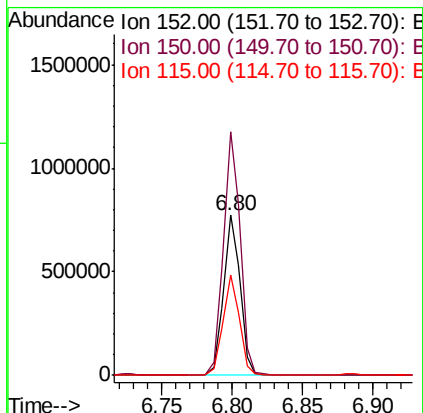
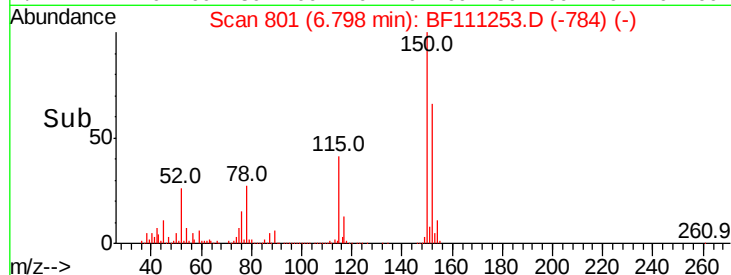
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tot Ion:152 Resp: 629001
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 62.7 50.7 76.1



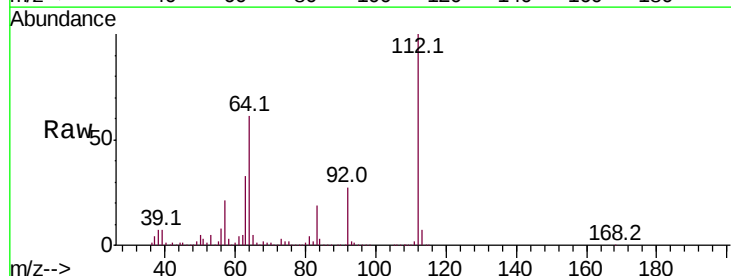
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



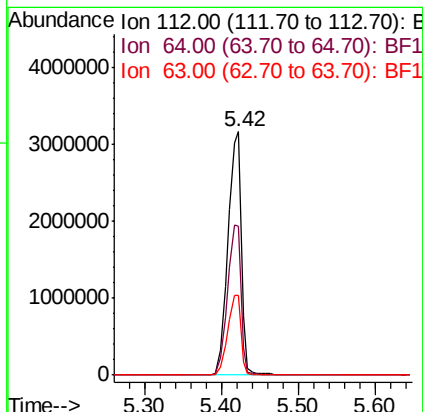
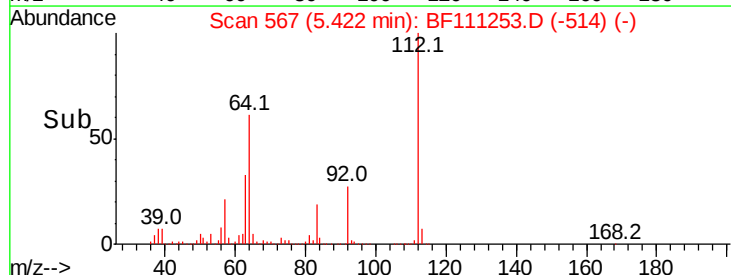
#5

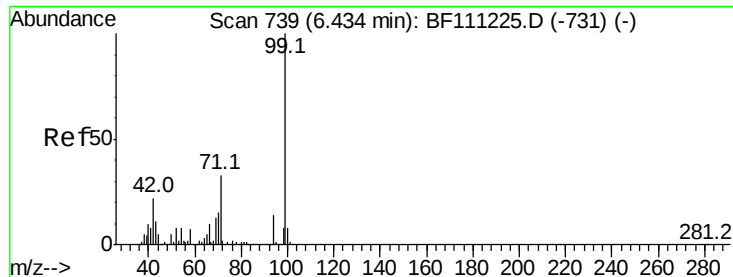
2-Fluorophenol
Concen: 96.618 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:112 Resp: 3848650
Ion Ratio Lower Upper
112 100
64 61.3 51.8 77.6
63 32.5 26.8 40.2



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: 98.926 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

Instrument :

BNA_F

ClientSampleId :

AU-7-120618

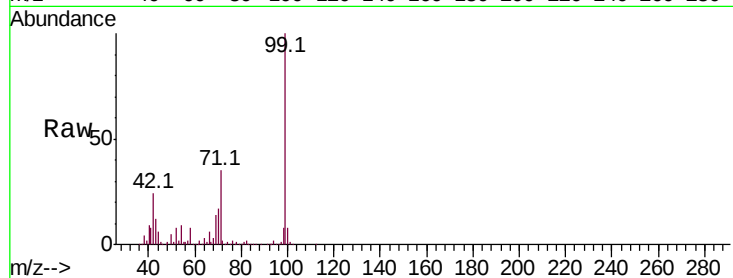
Tot Ion: 99 Resp: 4897141

Ion Ratio Lower Upper

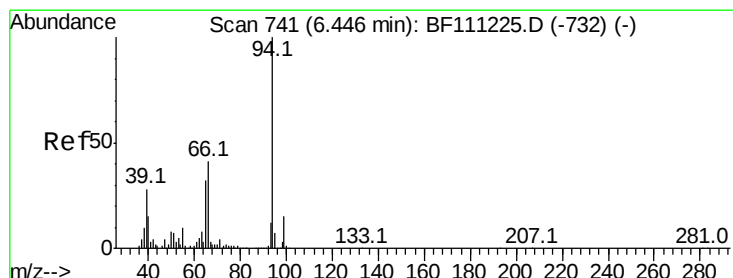
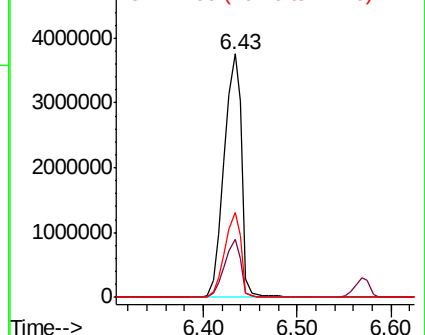
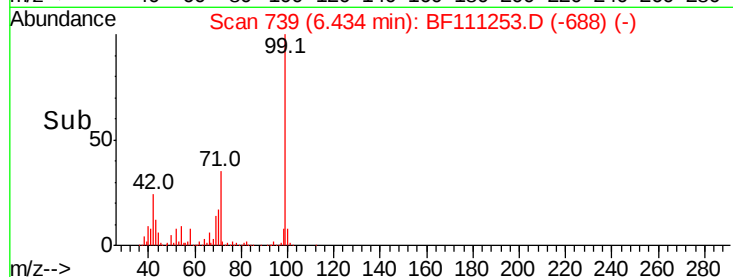
99 100

42 23.8 17.4 26.0

71 35.1 26.1 39.1



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



#10

Phenol

Concen: 8.225 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

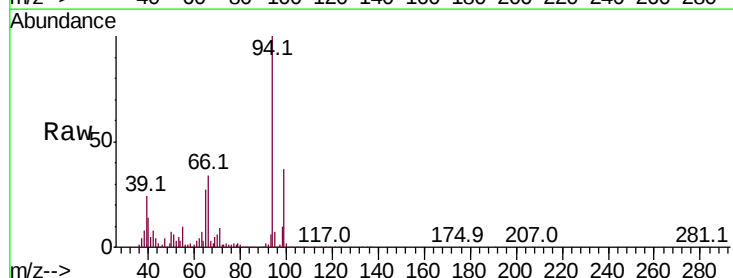
Tgt Ion: 94 Resp: 476118

Ion Ratio Lower Upper

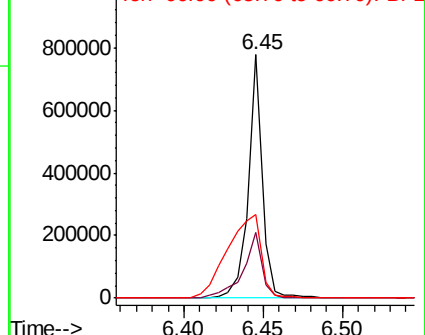
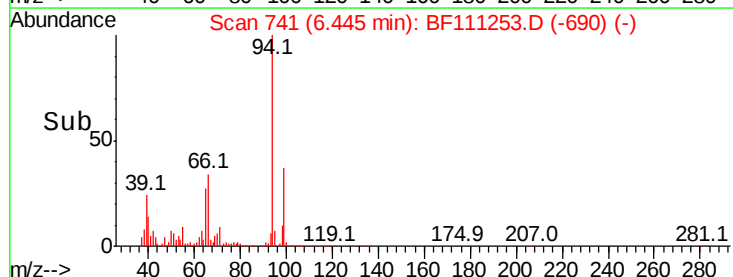
94 100

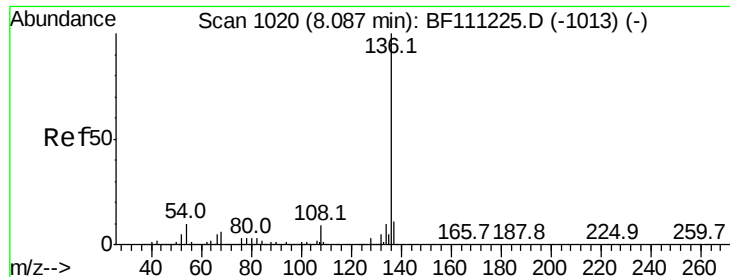
65 26.9 11.7 51.7

66 34.2 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

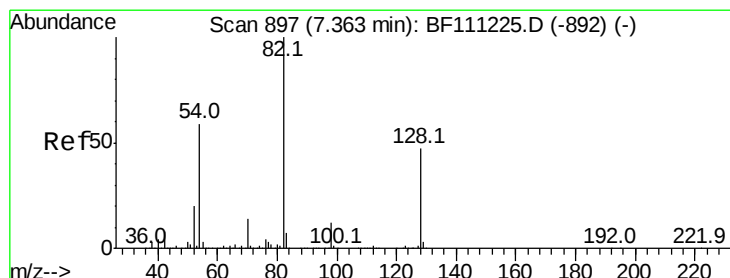
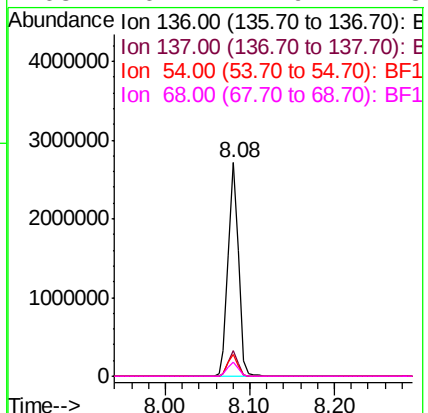
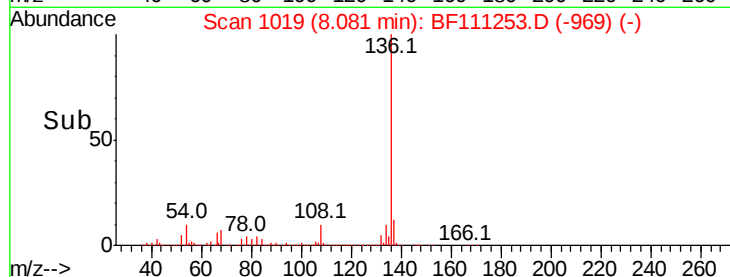
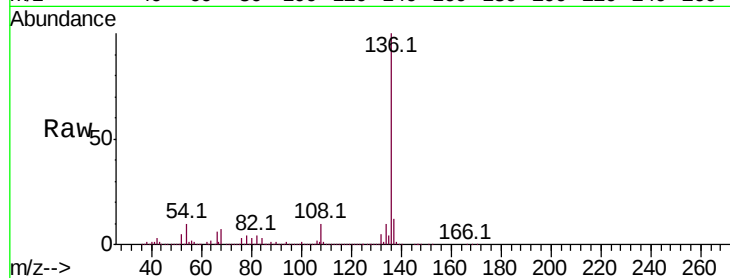




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

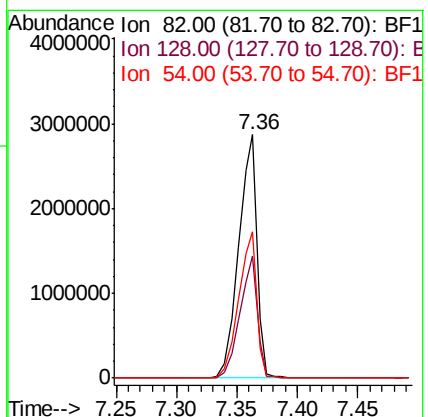
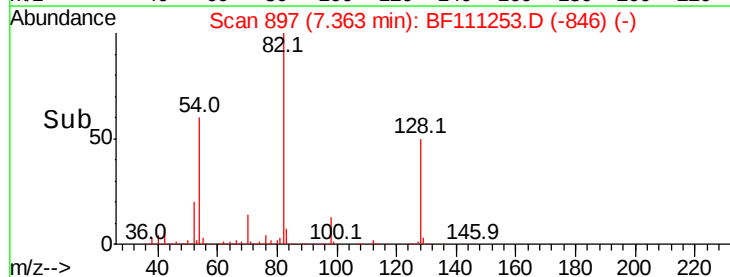
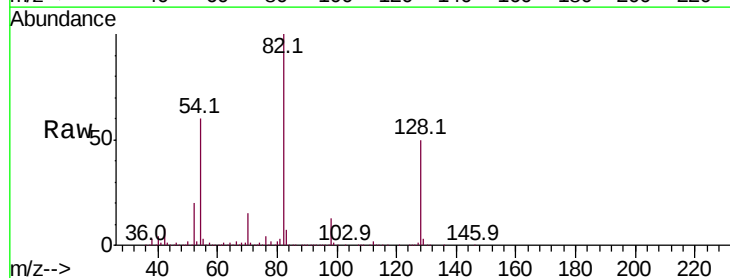
Instrument :
BNA_F
ClientSampleId :
AU-7-120618

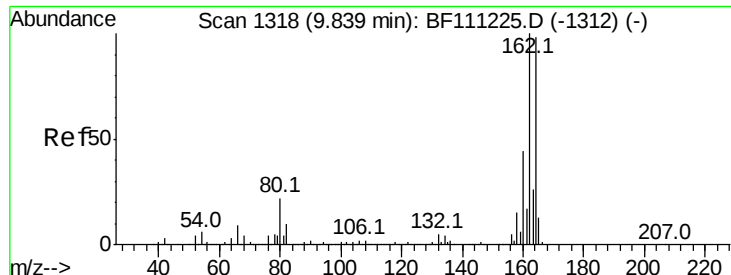
Tot Ion:	136	Resp:	2285504
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.5	7.7	11.5
68	6.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 74.406 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:	82	Resp:	3031886
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.4	56.2
54	60.0	47.6	71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

Instrument :

BNA_F

ClientSampleId :

AU-7-120618

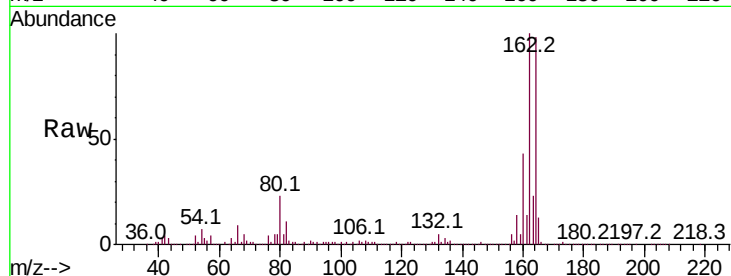
Tot Ion:164 Resp: 914237

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.0

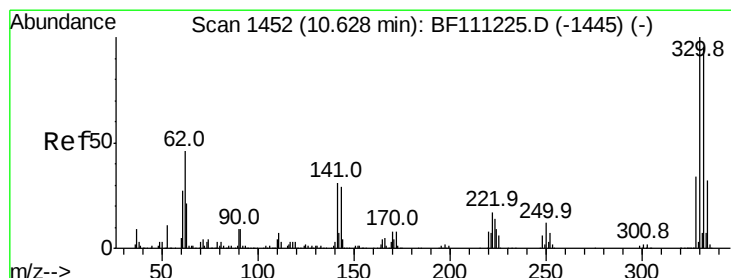
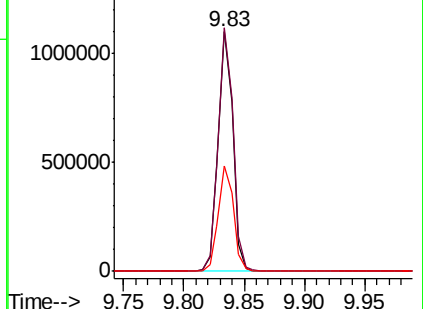
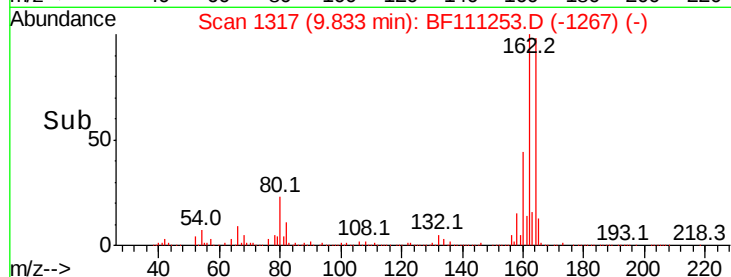
160 44.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 92.379 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

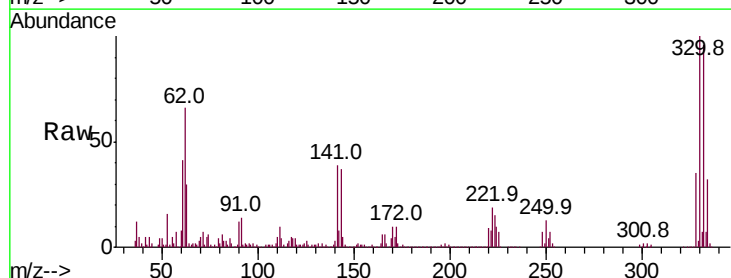
Tgt Ion:330 Resp: 748123

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

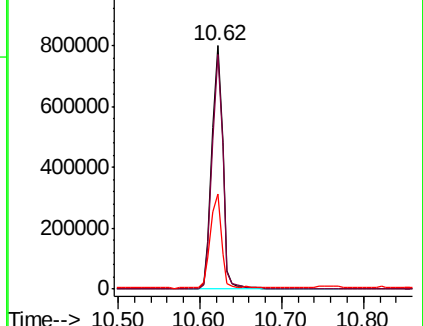
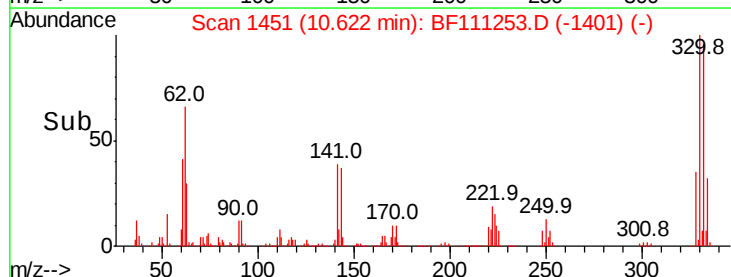
141 39.4 31.0 46.6

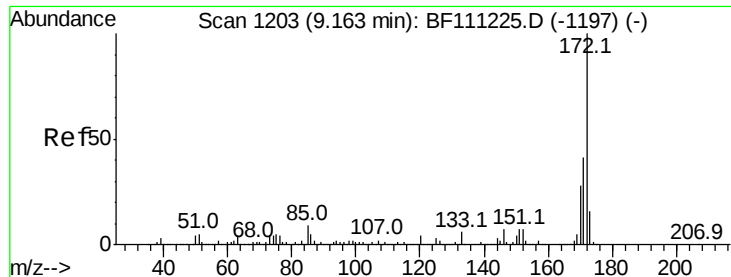


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

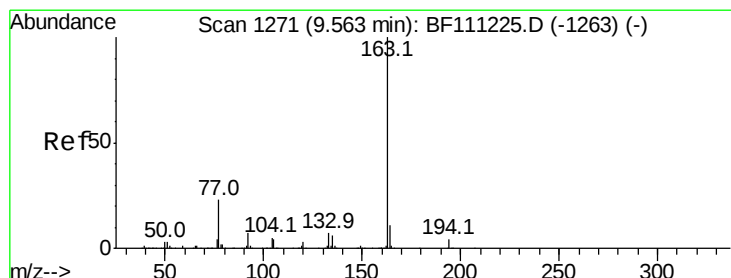
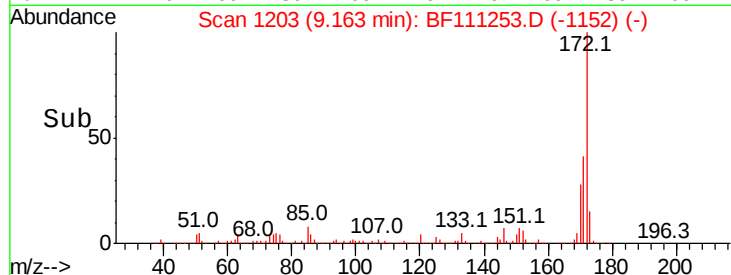
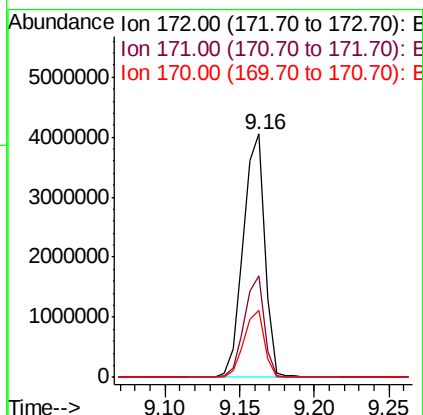
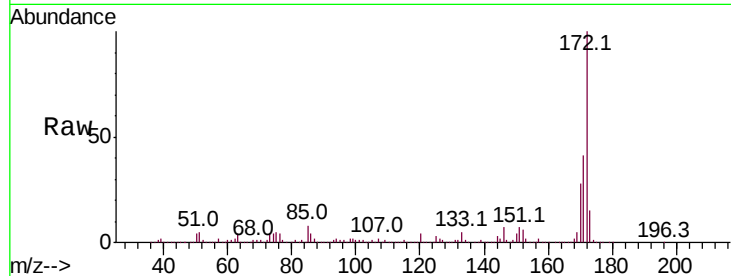




#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

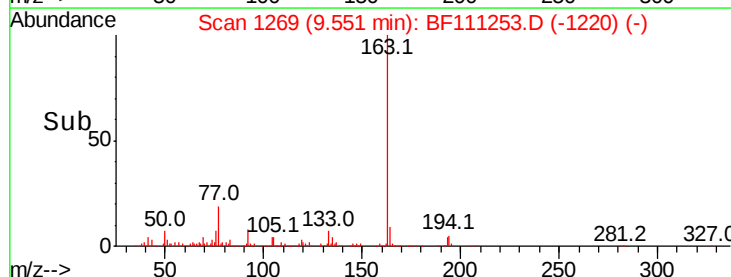
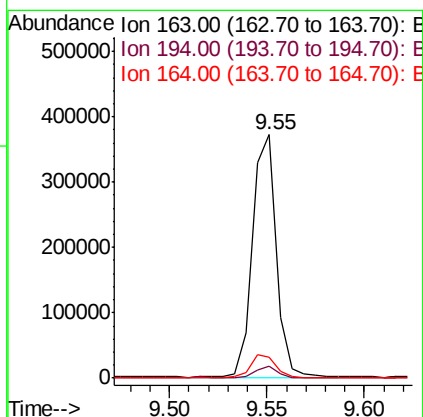
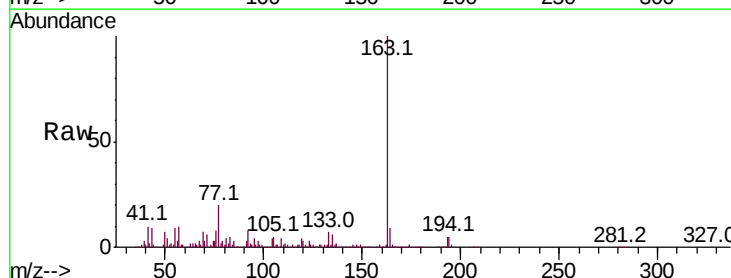
Instrument :
BNA_F
ClientSampled :
AU-7-120618

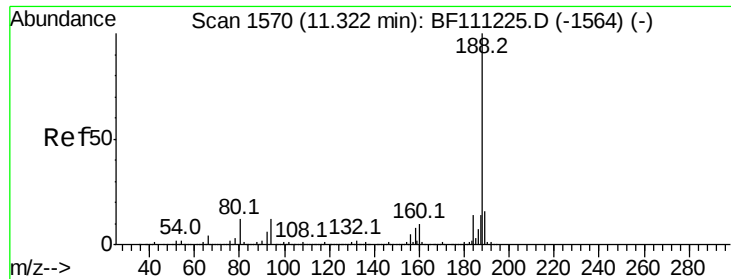
Tot Ion:172 Resp: 4066981
Ion Ratio Lower Upper
172 100
171 41.5 33.0 49.4
170 27.6 22.3 33.5



#50
Dimethylphthalate
Concen: 4.665 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:163 Resp: 314714
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 8.8 8.9 13.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

Instrument :

BNA_F

ClientSampleId :

AU-7-120618

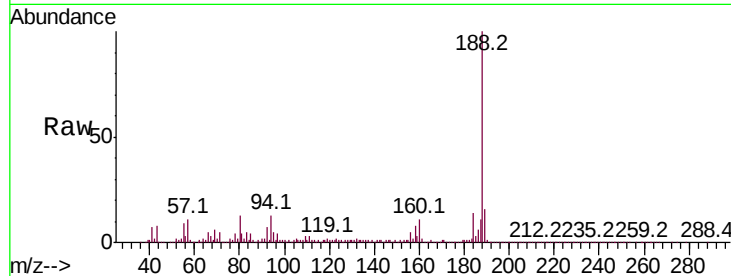
Tot Ion:188 Resp: 1312516

Ion Ratio Lower Upper

188 100

94 12.6 9.6 14.4

80 13.4 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E

2000000 Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

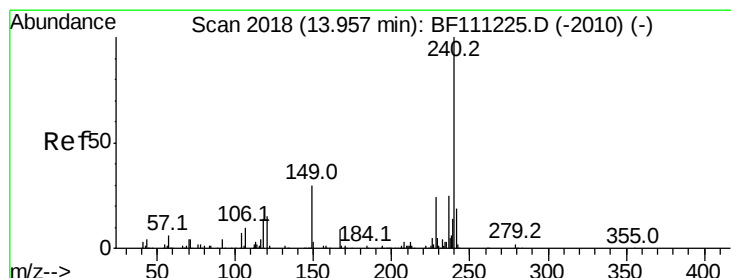
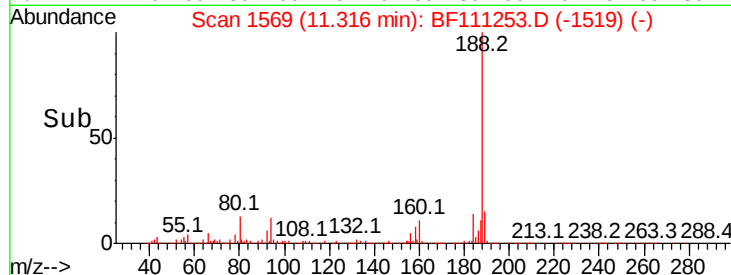
1500000

1000000

500000

0

Time--> 11.25 11.30 11.35



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

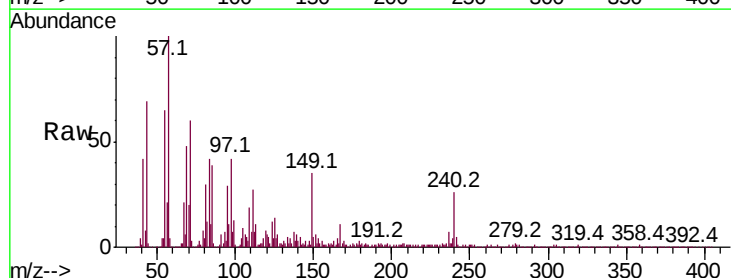
Tgt Ion:240 Resp: 539005

Ion Ratio Lower Upper

240 100

120 24.6 12.2 18.2#

236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

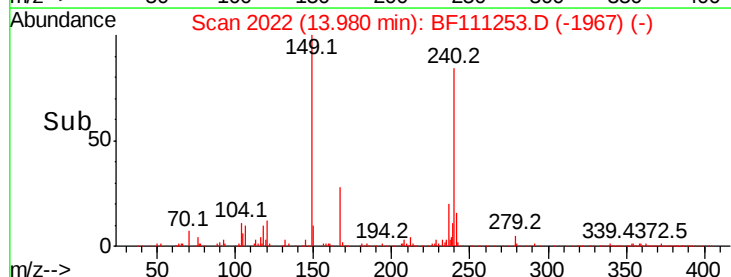
600000

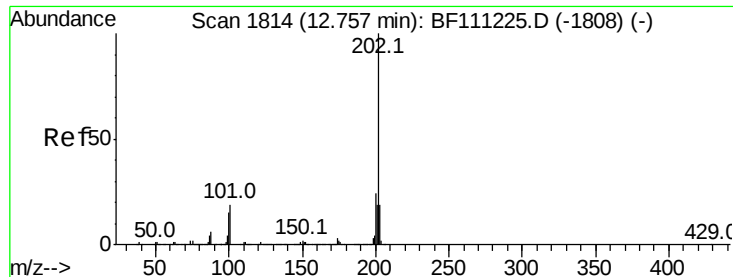
400000

200000

0

Time--> 13.95 14.00 14.05

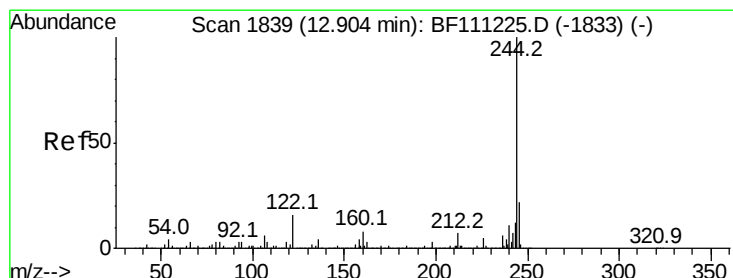
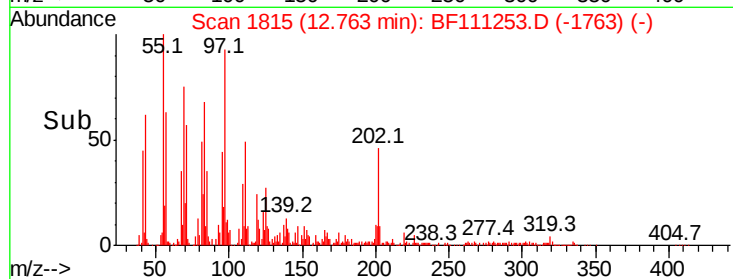
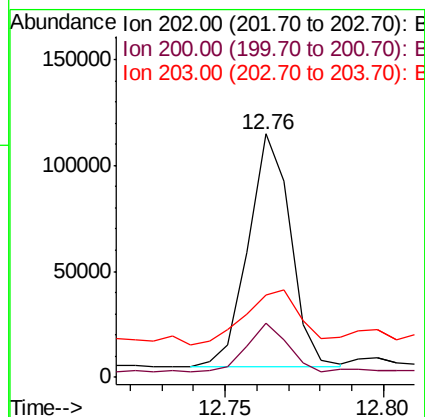
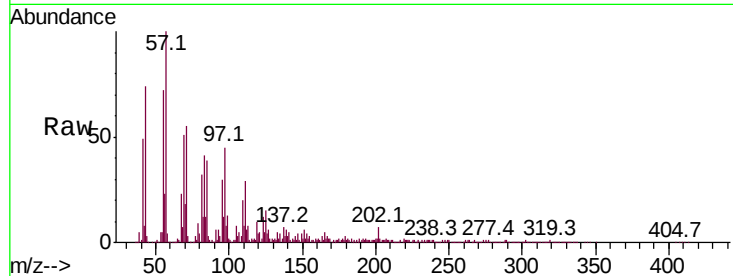




#78
Pvrene
Concen: 2.660 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

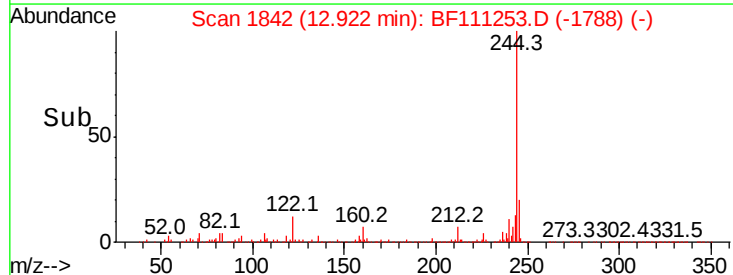
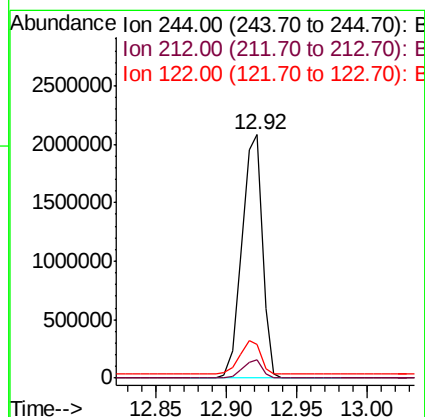
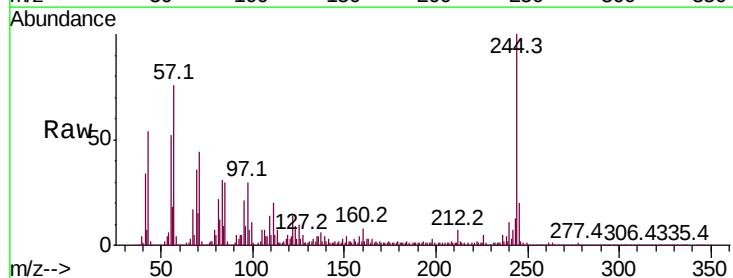
Instrument :
BNA_F
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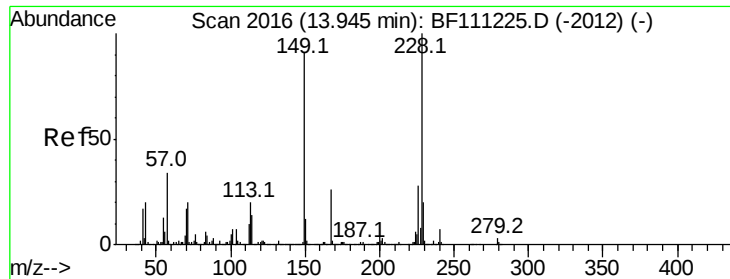
Tot Ion:202 Resp: 102461
Ion Ratio Lower Upper
202 100
200 22.3 19.0 28.4
203 33.9 15.2 22.8#



#79
Terphenyl-d14
Concen: 93.256 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.02 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:244 Resp: 2095573
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 13.7 13.1 19.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.405 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.03 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

Instrument :

BNA_F

ClientSampleId :

AU-7-120618

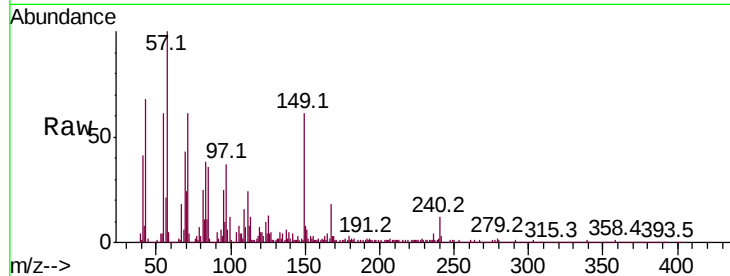
Tot Ion:149 Resp: 1085453

Ion Ratio Lower Upper

149 100

167 29.6 22.5 33.7

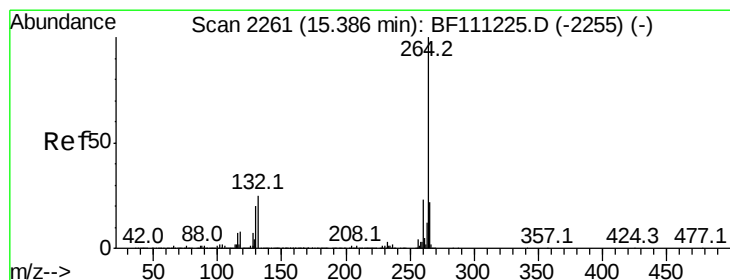
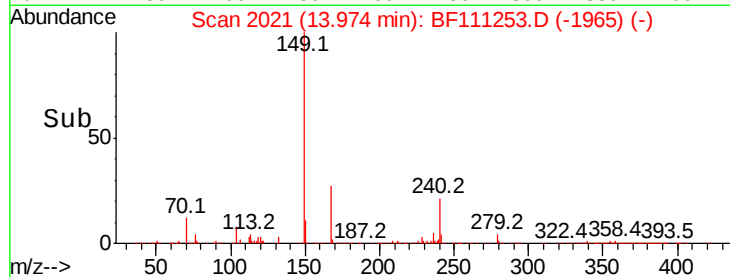
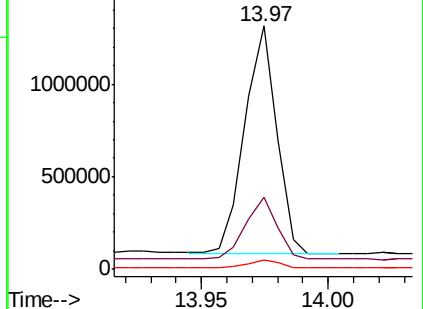
279 3.9 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.05 min

Lab File: BF111253.D

Acq: 10 Dec 2018 20:19

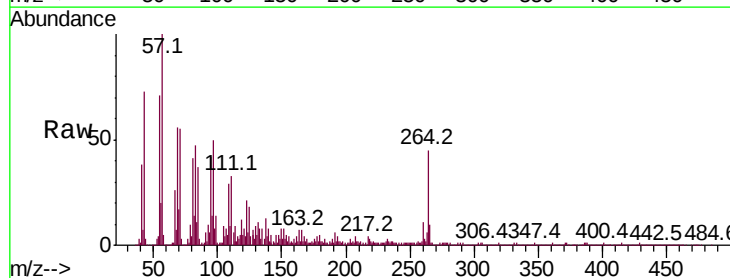
Tgt Ion:264 Resp: 627613

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.7 17.7 26.5



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

