

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114599.D
 Acq On : 25 May 2019 5:44
 Operator : JU/SJ
 Sample : K2994-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Quant Time: May 27 03:45:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162557	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	610790	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289747	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	598441	20.00	ng	0.00
76) Chrysene-d12	13.98	240	431191	20.00	ng	0.00
87) Perylene-d12	15.44	264	438905	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1027340	101.70	ng	0.01
7) Phenol-d6	6.46	99	1212197	101.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	920176	84.55	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	366507	122.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1624008	84.78	ng	0.00
79) Terphenyl-d14	12.92	244	1826840	87.34	ng	0.00

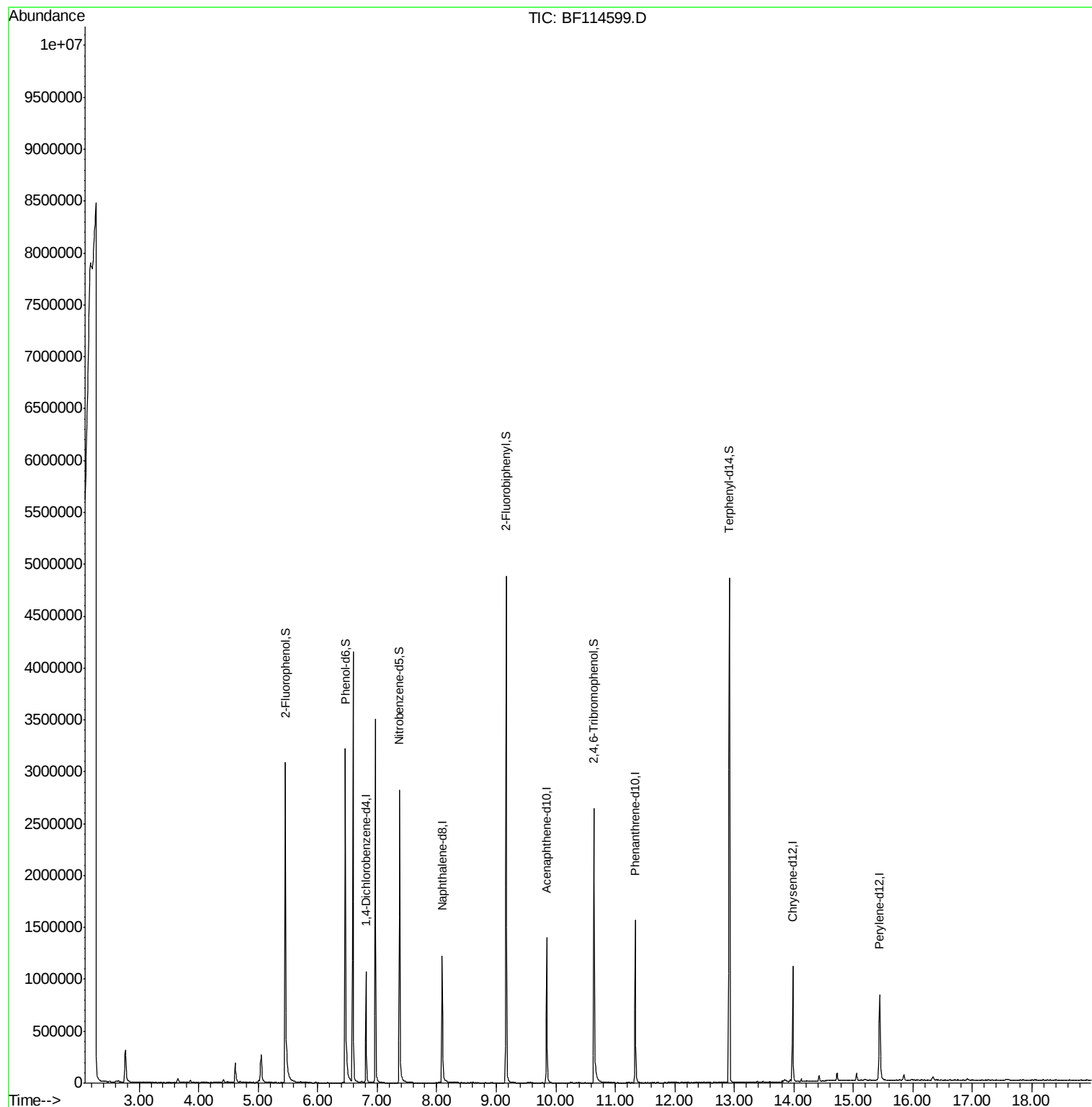
Target Compounds Qvalue

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

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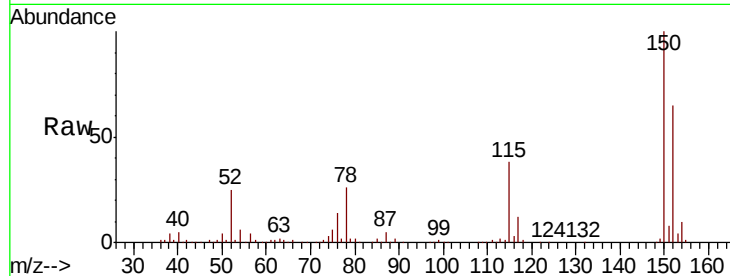


#1

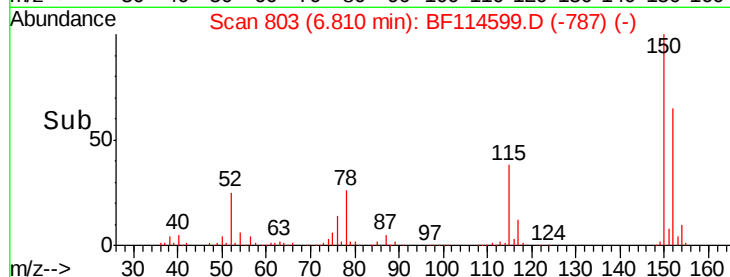
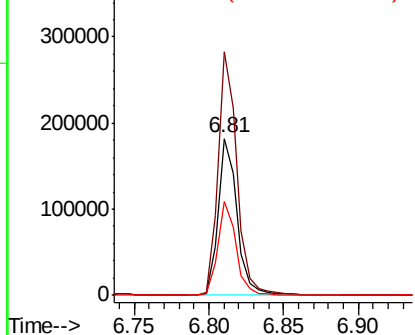
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Instrument :
BNA_F
ClientSampleId :
TP-8-D

Tot Ion:152 Resp: 162557
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 59.6 49.1 73.7



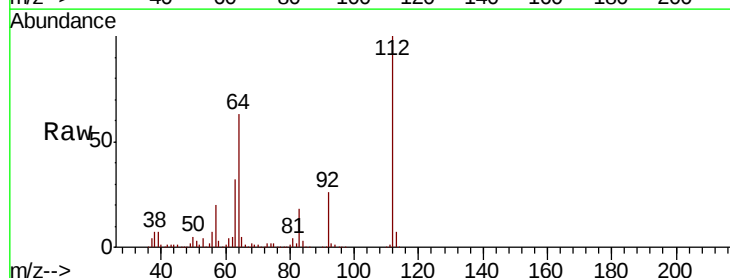
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



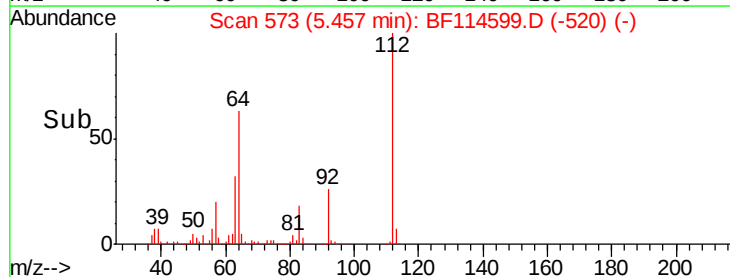
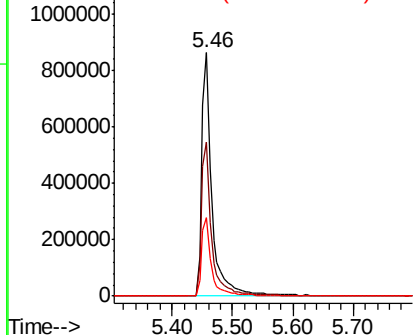
#5

2-Fluorophenol
Concen: 101.703 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Tgt Ion:112 Resp: 1027340
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.6
63 32.5 24.6 37.0



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: 101.463 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

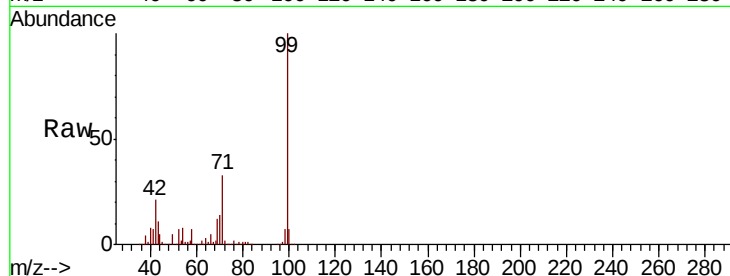
BNA_F

ClientSampleId :

TP-8-D

Tot Ion: 99 Resp: 1212197

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	32.9	26.2	39.2

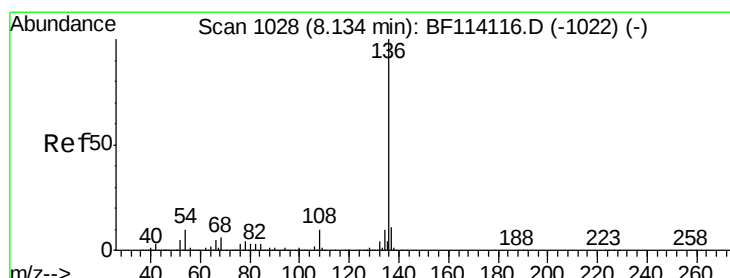
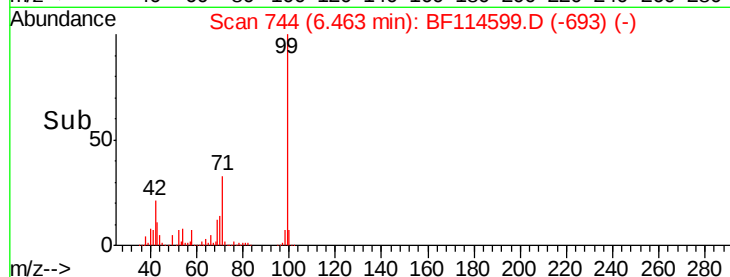


Abundance

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: 8.09 min Scan# 1021

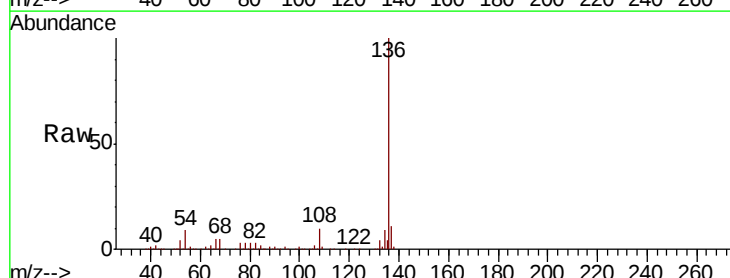
Delta R.T. -0.01 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Tgt Ion: 136 Resp: 610790

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	7.8	11.8
68	5.3	5.1	7.7



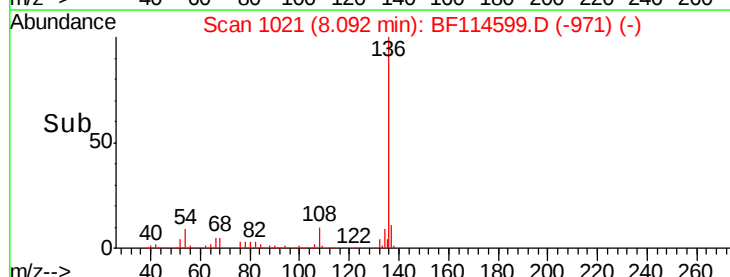
Abundance

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

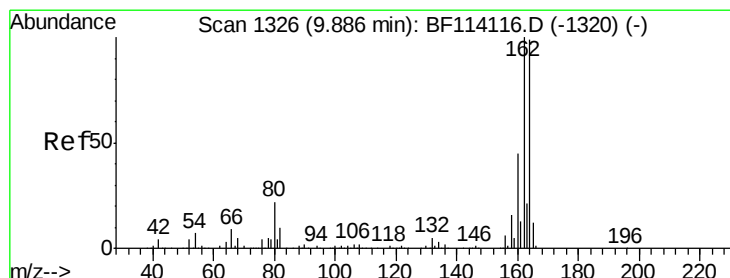
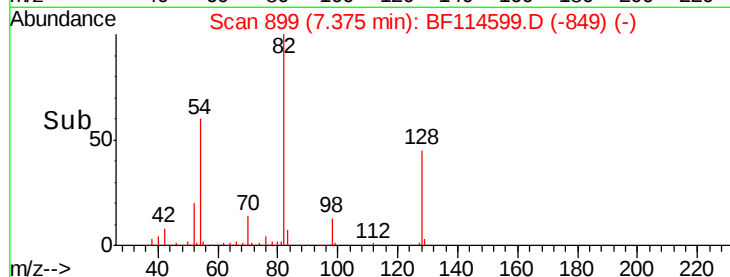
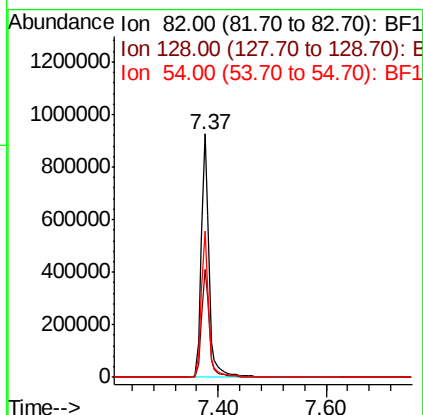
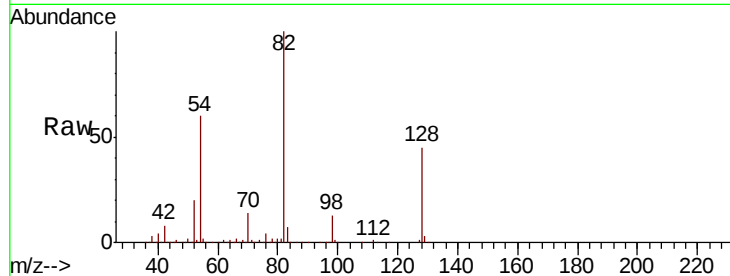




#23
 Nitrobenzene-d5
 Concen: 84.547 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

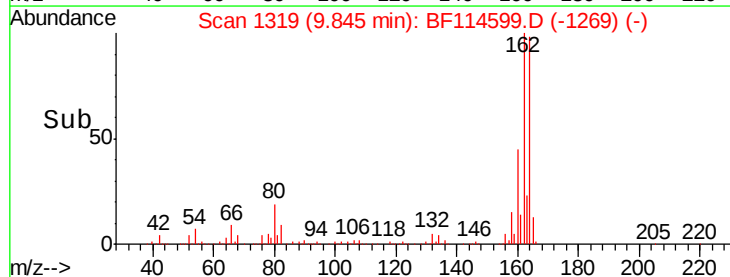
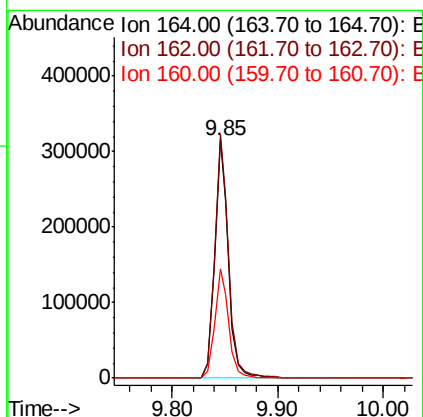
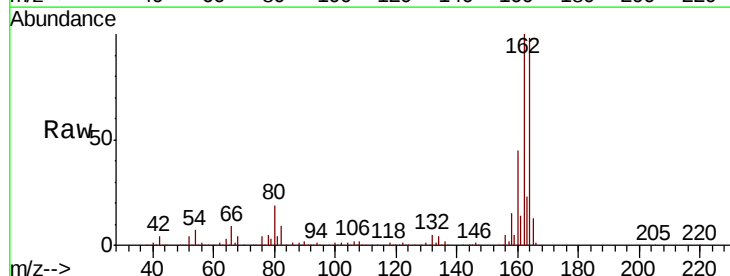
Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

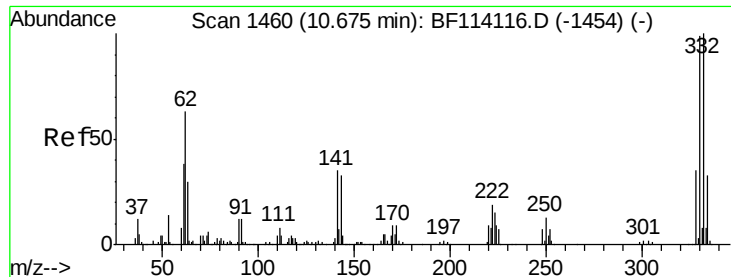
Tot Ion: 82 Resp: 920176
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.5 53.3
 54 59.9 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Tgt Ion: 164 Resp: 289747
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 120.8
 160 45.7 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 122.353 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

Instrument :

BNA_F

ClientSampleId :

TP-8-D

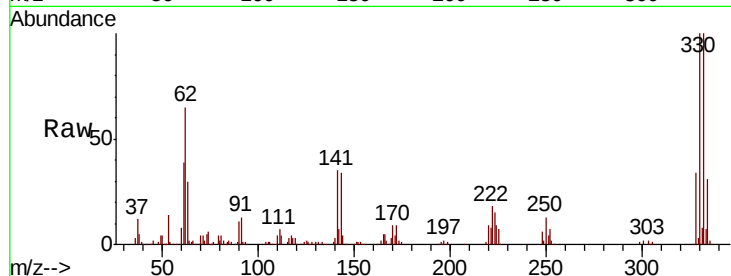
Tot Ion:330 Resp: 366507

Ion Ratio Lower Upper

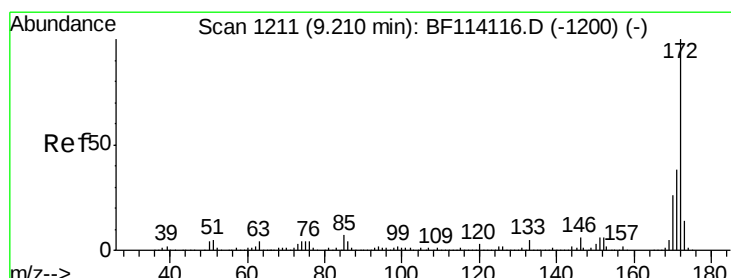
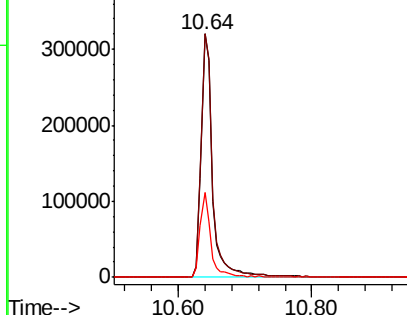
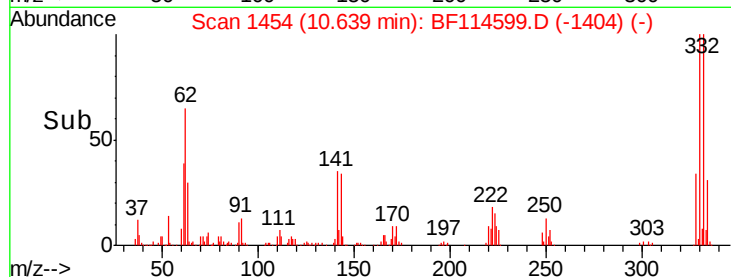
330 100

332 100.2 81.4 122.2

141 33.4 26.6 40.0



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: 84.784 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114599.D

Acq: 25 May 2019 5:44

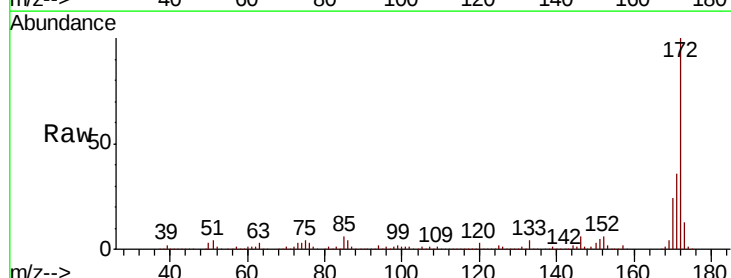
Tgt Ion:172 Resp: 1624008

Ion Ratio Lower Upper

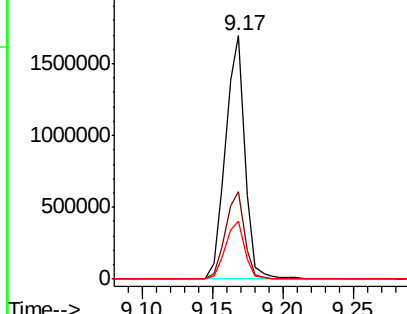
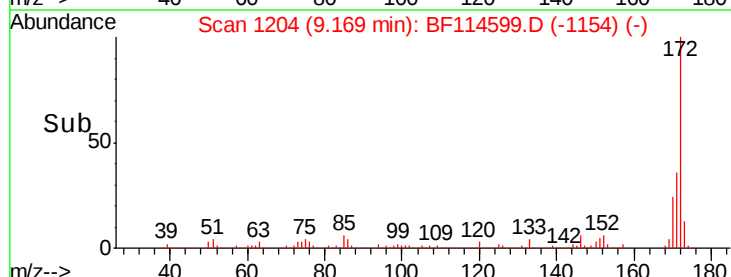
172 100

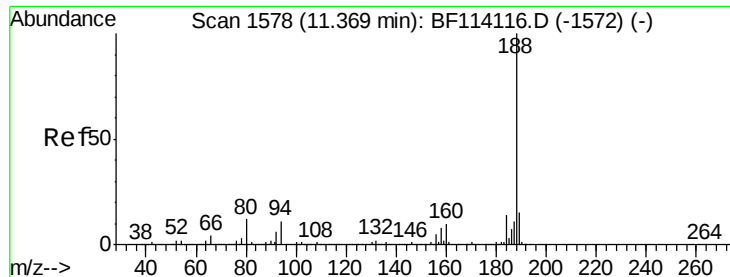
171 35.9 30.7 46.1

170 23.8 20.5 30.7



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

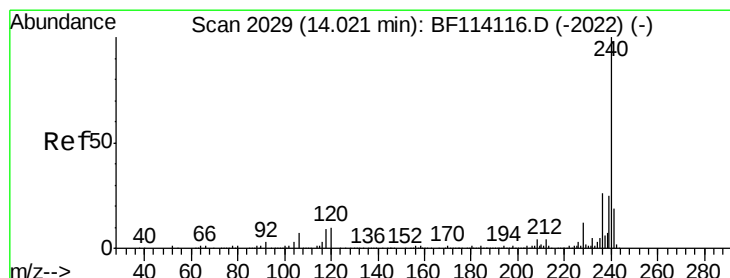
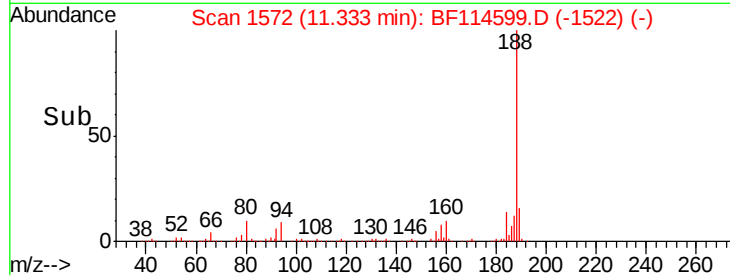
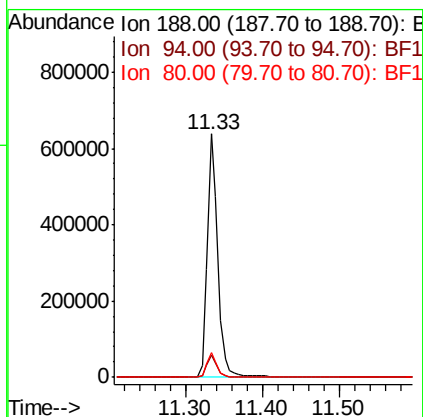
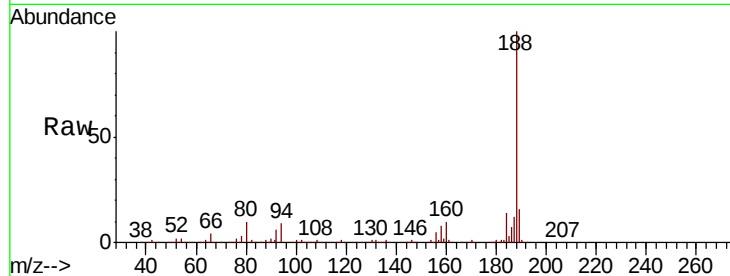




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

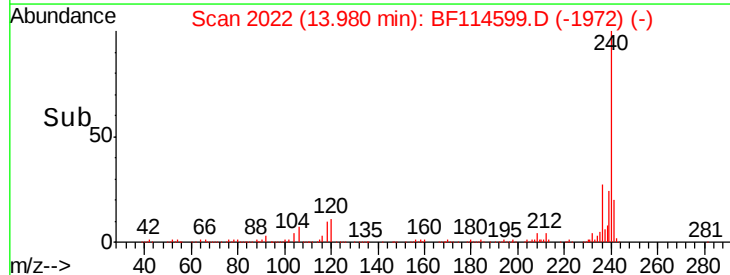
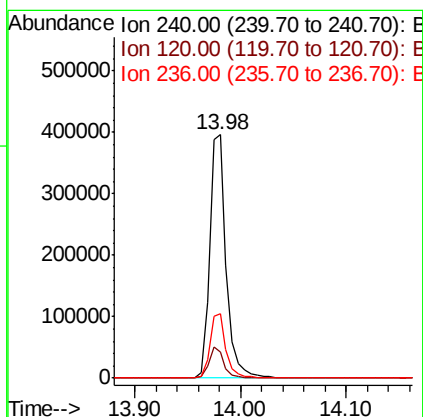
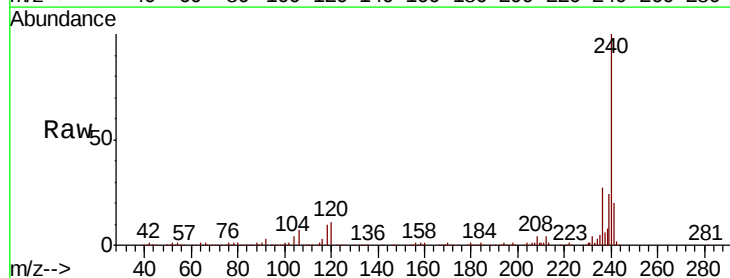
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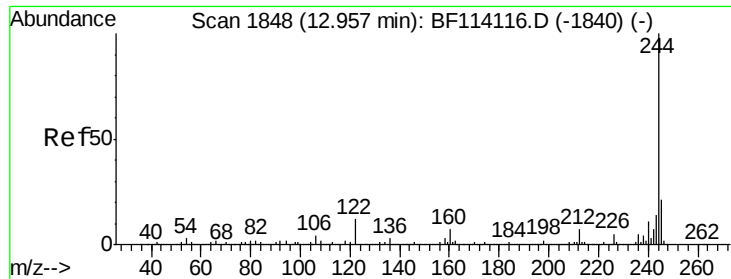
Tot Ion:188 Resp: 598441
Ion Ratio Lower Upper
188 100
94 9.4 8.4 12.6
80 10.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114599.D
Acq: 25 May 2019 5:44

Tgt Ion:240 Resp: 431191
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.7 20.8 31.2

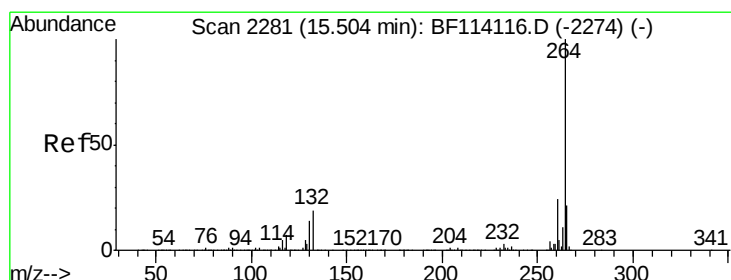
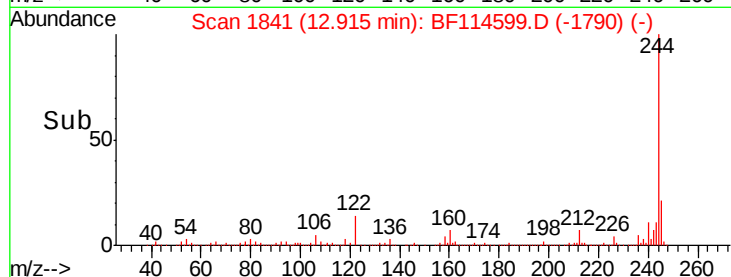
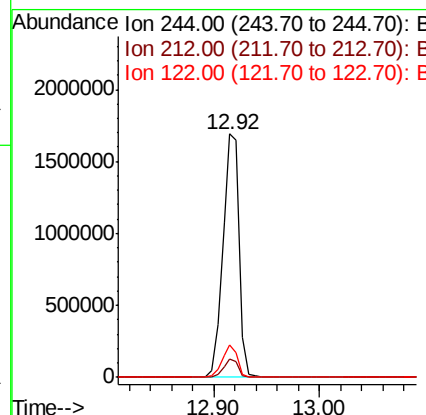
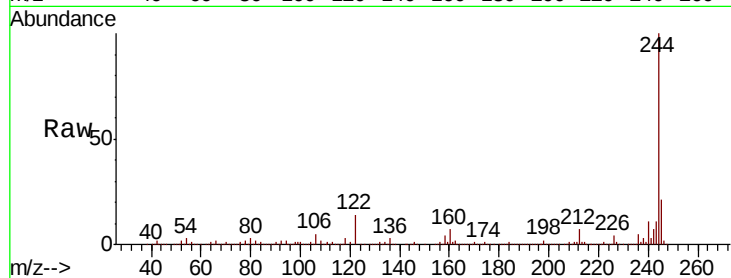




#79
 Terphenyl-d14
 Concen: 87.337 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-D

Tot Ion:244 Resp: 1826840
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 13.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114599.D
 Acq: 25 May 2019 5:44

Tgt Ion:264 Resp: 438905
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 16.9 25.3

