

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114614.D
 Acq On : 25 May 2019 19:50
 Operator : JU/SJ
 Sample : PB119919BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BL

Quant Time: May 27 00:53:24 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	6.80	152	180225	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	698994	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	329546	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	667100	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	477558	20.00	ng	-0.02
87) Perylene-d12	15.42	264	459598	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1191413	106.38	ng	0.00
7) Phenol-d6	6.45	99	1551913	117.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	936888	75.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	368491	108.16	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1727520	79.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1686380	72.79	ng	-0.01

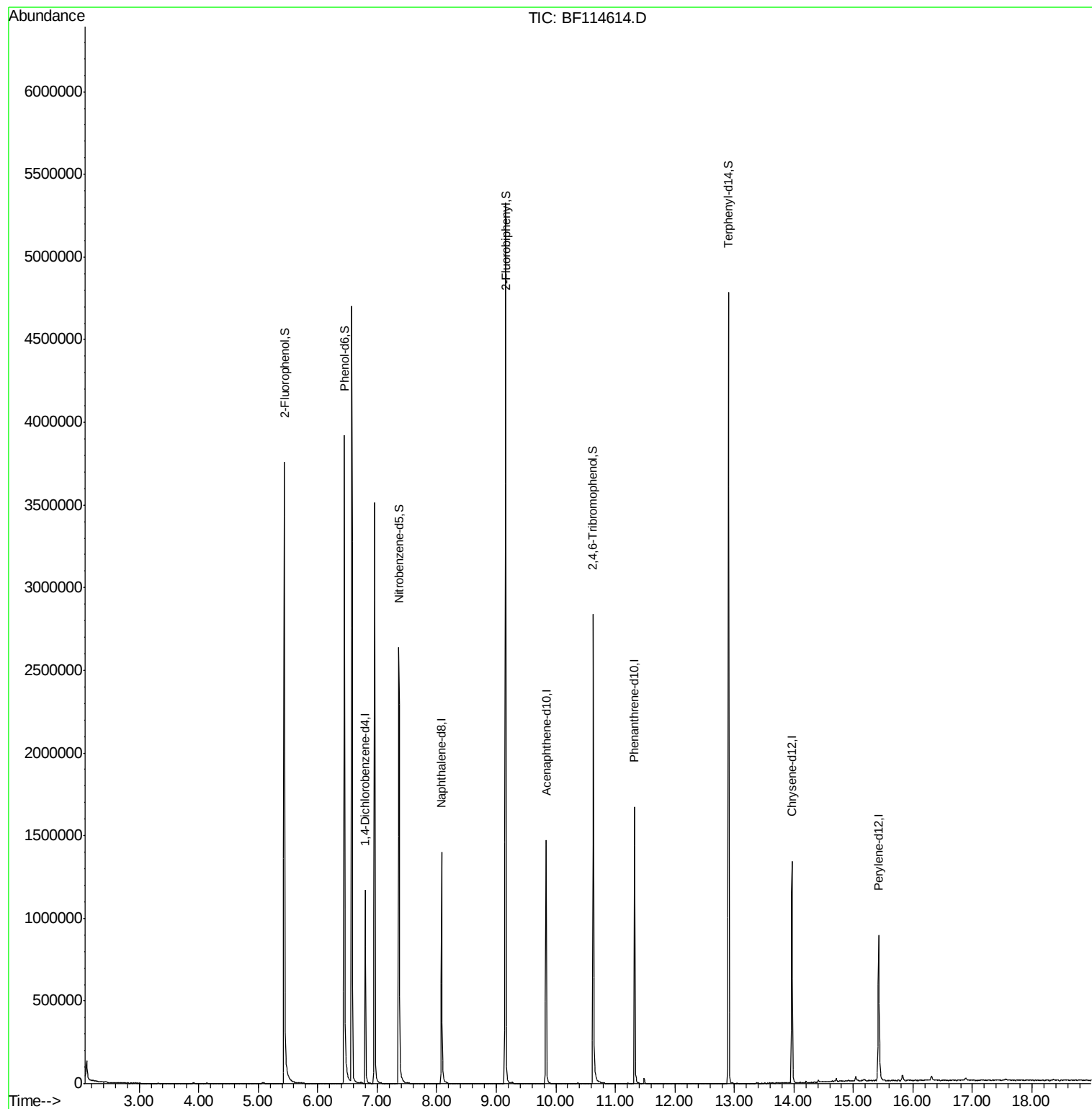
Target Compounds Qvalue

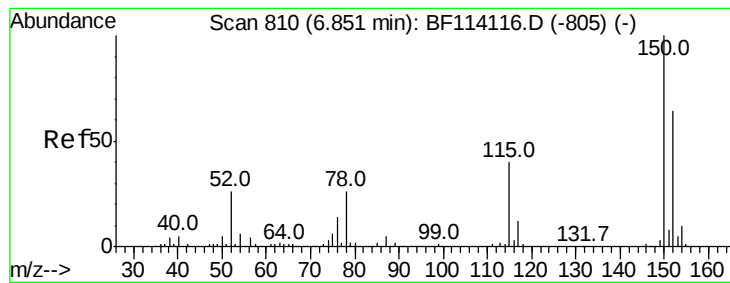
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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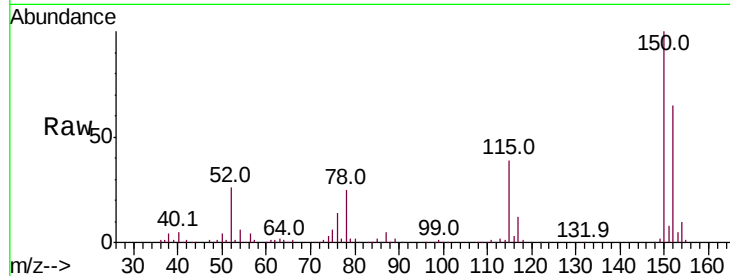


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Instrument :
BNA_F
ClientSampleId :
PB119919BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	59.8	49.1	73.7

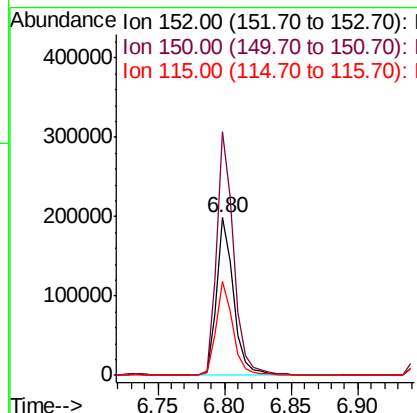
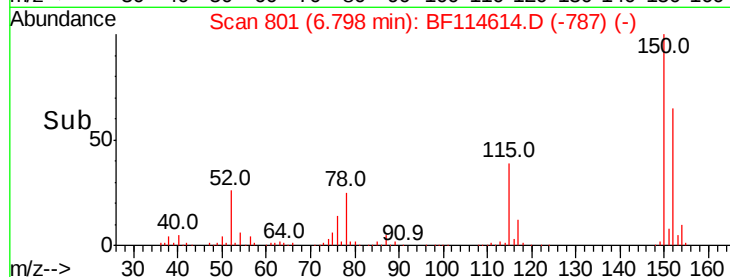


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

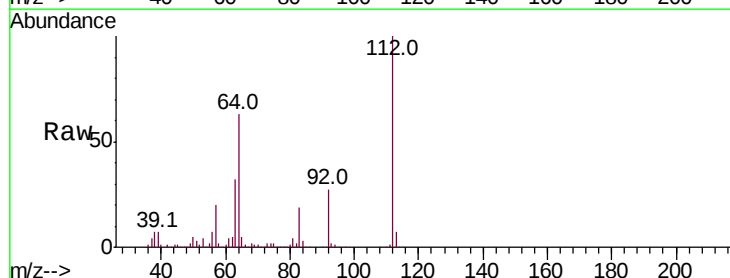
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.383 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.0	73.6
63	32.0	24.6	37.0

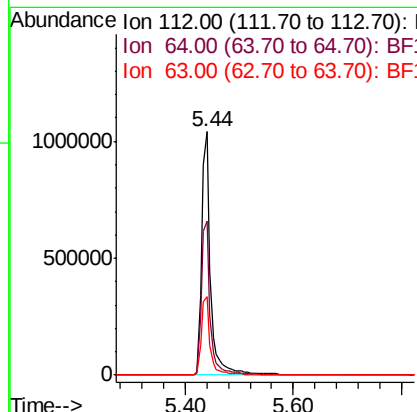
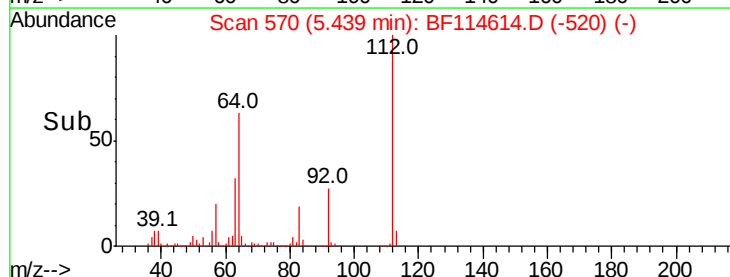


Abundance

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: 117.164 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

Instrument :

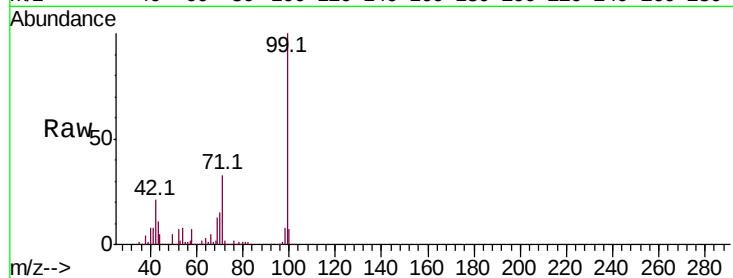
BNA_F

ClientSampleId :

PB119919BL

Tot Ion: 99 Resp: 1551913

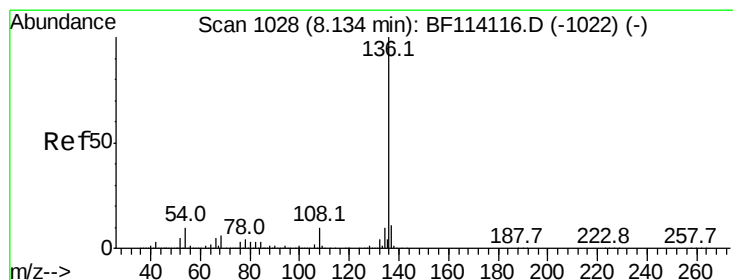
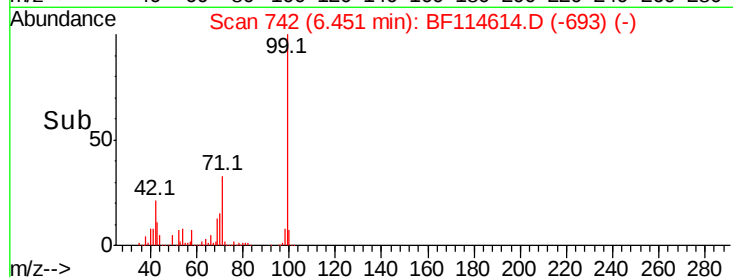
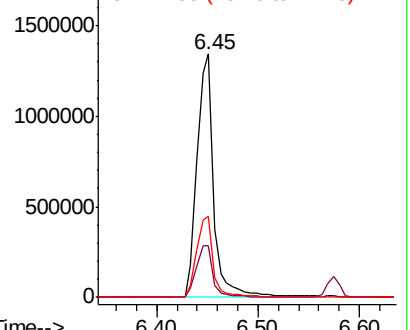
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.9	26.9
71	33.2	26.2	39.2



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: 8.08 min Scan# 1019

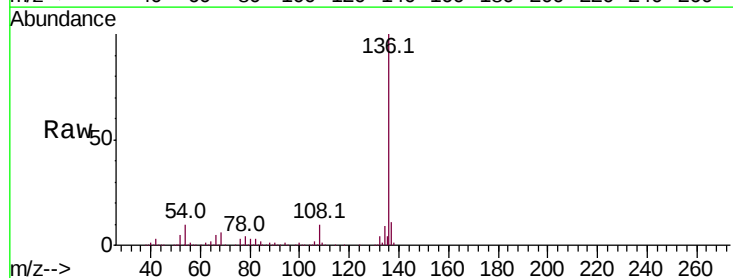
Delta R.T. -0.02 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

Tgt Ion: 136 Resp: 698994

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	5.6	5.1	7.7

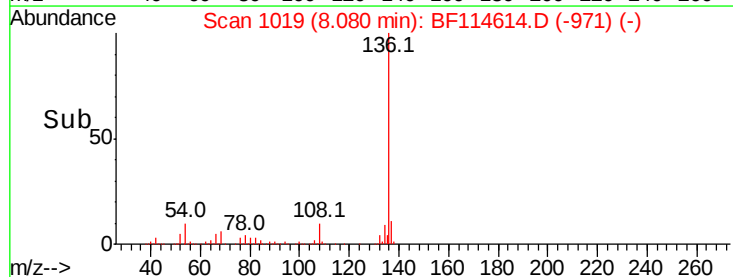
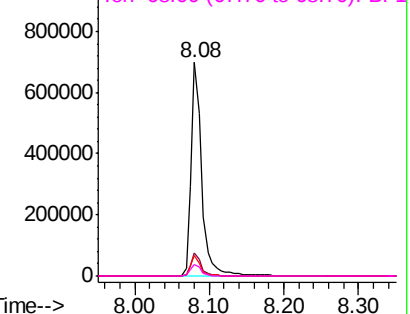


Abundance Ion 136.00 (135.70 to 136.70): E

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

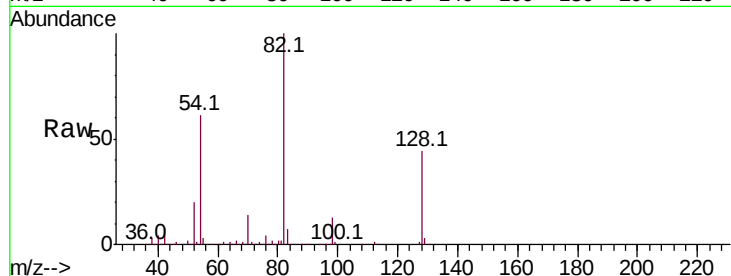




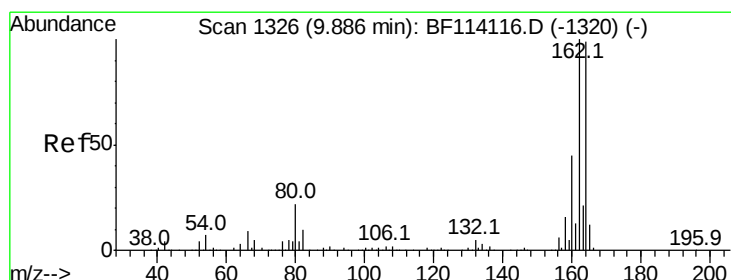
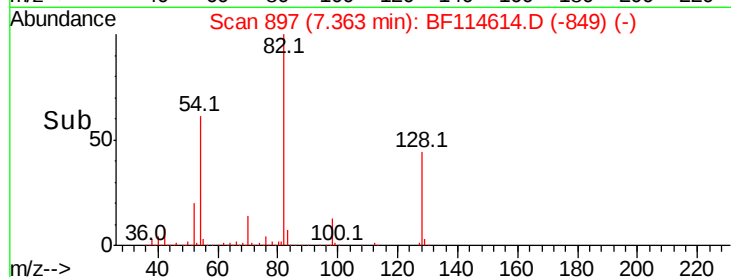
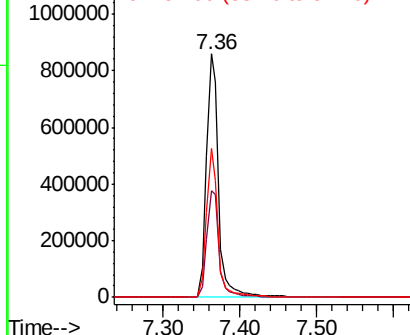
#23
Nitrobenzene-d5
Concen: 75.220 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Instrument :
BNA_F
ClientSampleId :
PB119919BL

Tot Ion: 82 Resp: 936888
Ion Ratio Lower Upper
82 100
128 43.6 35.5 53.3
54 61.0 48.5 72.7

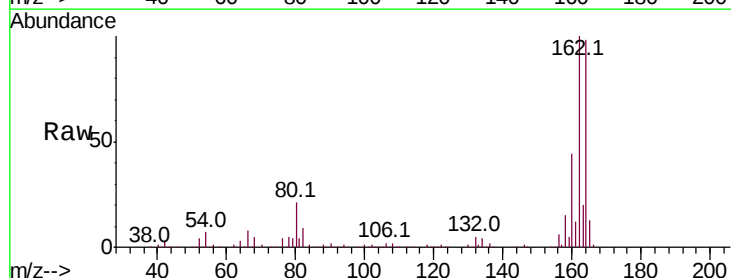


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

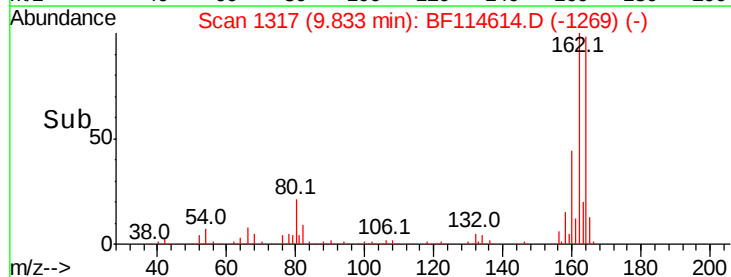
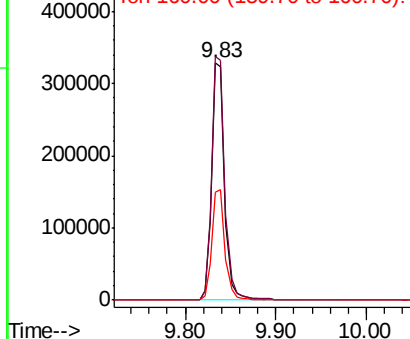


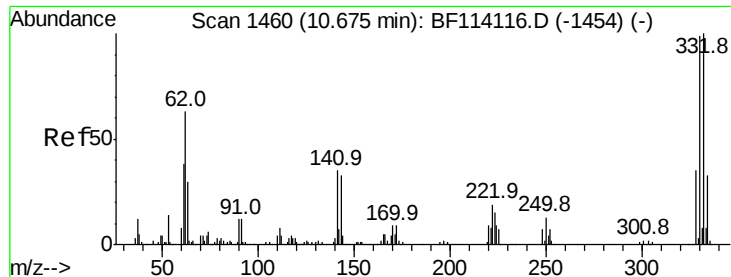
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt Ion:164 Resp: 329546
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.5 36.5 54.7



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

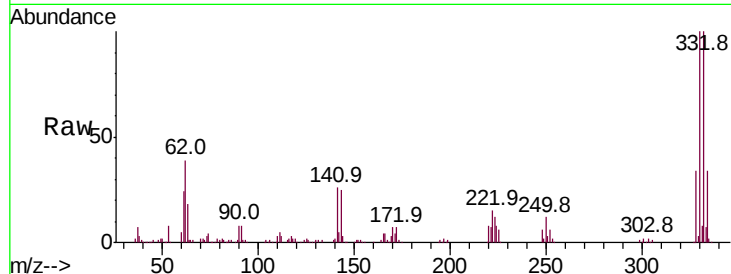




#42
 2,4,6-Tribromophenol
 Concen: 108.159 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119919BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	33.6	26.6	40.0

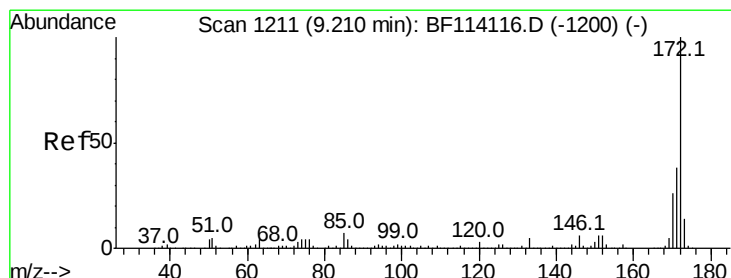
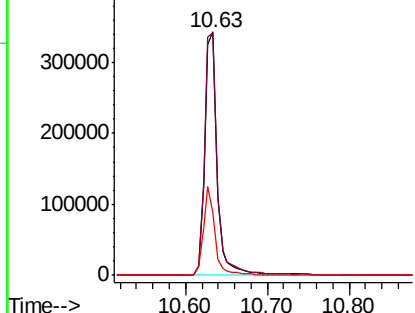
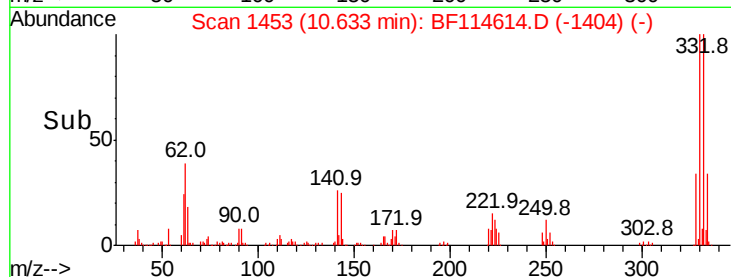


Abundance

Ion 329.80 (329.50 to 330.50): E

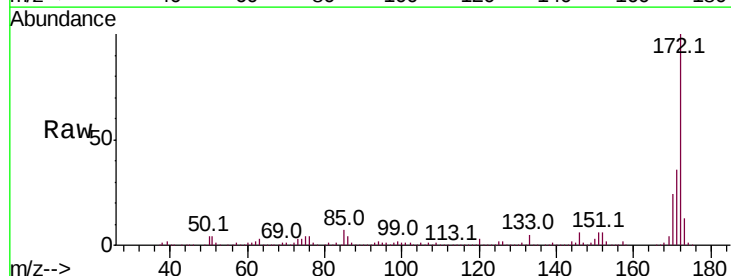
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.296 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.1	20.5	30.7

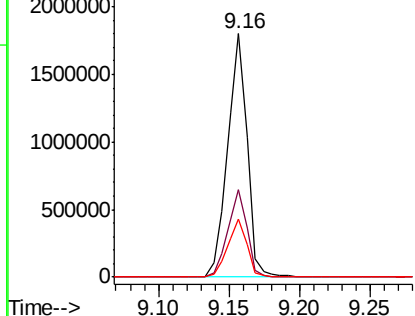
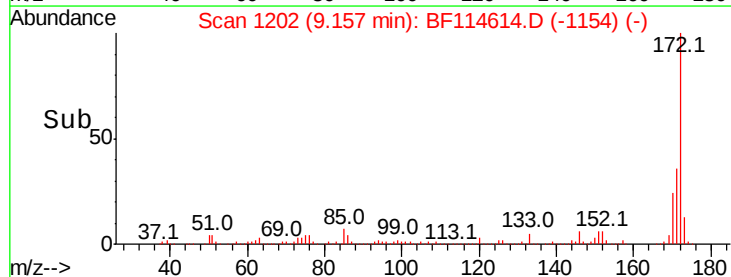


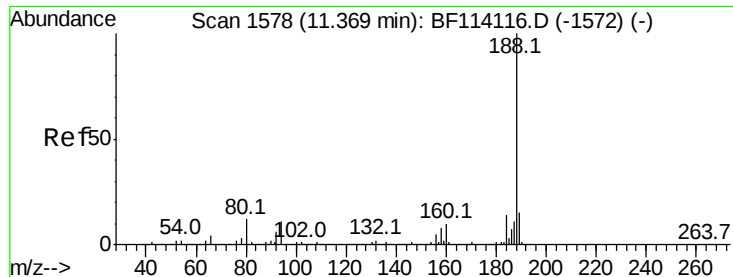
Abundance

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

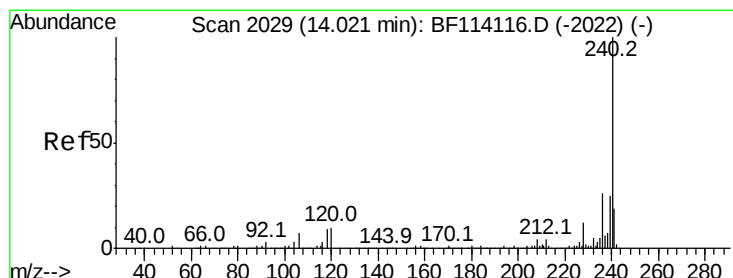
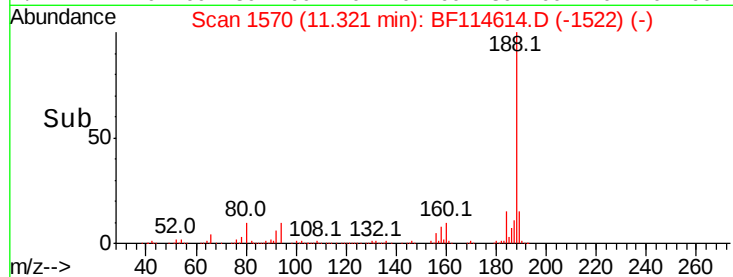
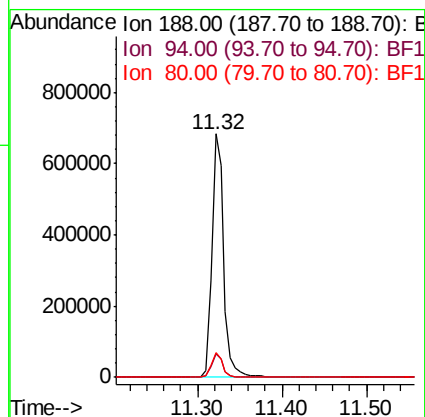
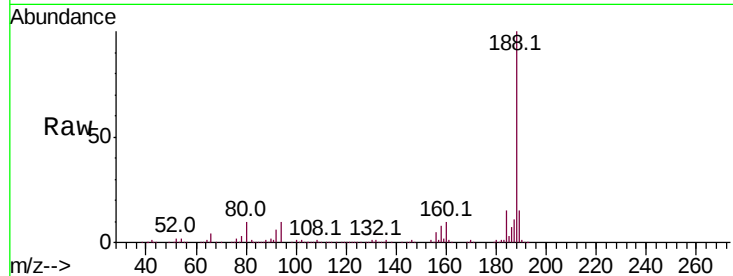




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

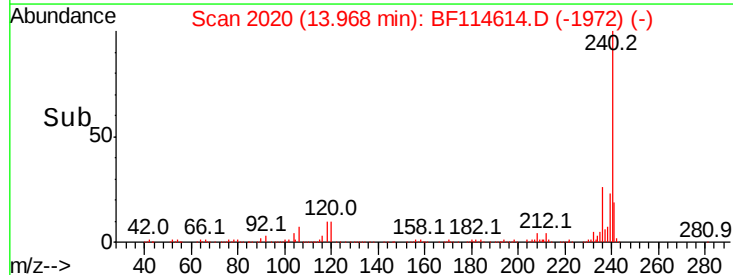
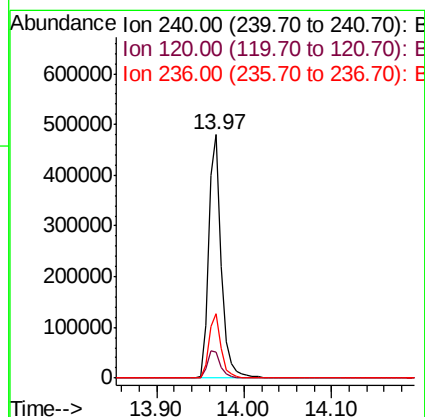
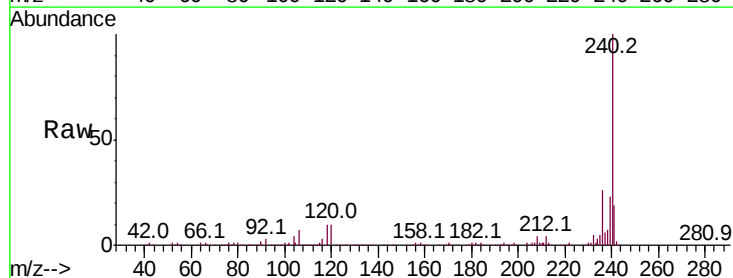
Instrument :
BNA_F
ClientSampleId :
PB119919BL

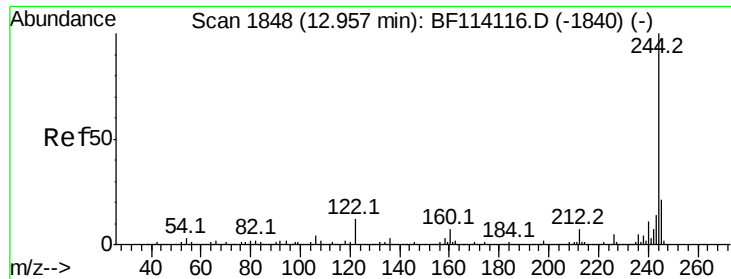
Tot Ion:188 Resp: 667100
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt Ion:240 Resp: 477558
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 72.794 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

Instrument :

BNA_F

ClientSampleId :

PB119919BL

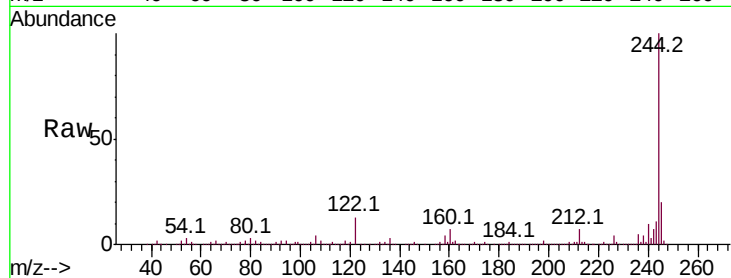
Tot Ion:244 Resp: 1686380

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

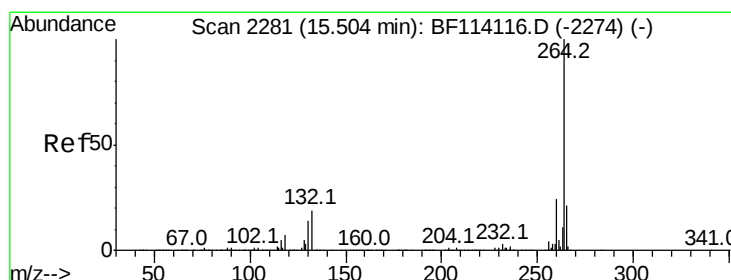
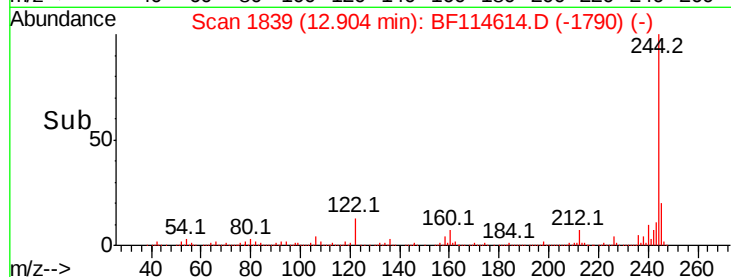
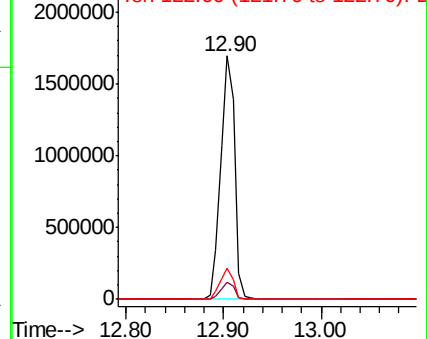
122 12.9 9.4 14.2



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

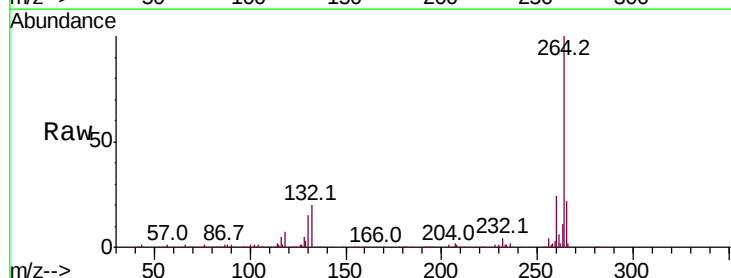
Tgt Ion:264 Resp: 459598

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 21.7 16.9 25.3



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

