

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114152.D
 Acq On : 11 May 2019 12:56
 Operator : JU/SJ
 Sample : PB119622BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BL

Quant Time: May 13 07:31:43 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	355233	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1325470	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	648741	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1318971	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1062787	20.00	ng	-0.02
87) Perylene-d12	15.47	264	1096938	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2098010	95.04	ng	0.01
7) Phenol-d6	6.49	99	2810525	107.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1741268	73.72	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	733795	109.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3016061	70.33	ng	0.00
79) Terphenyl-d14	12.95	244	3231981	62.69	ng	0.00

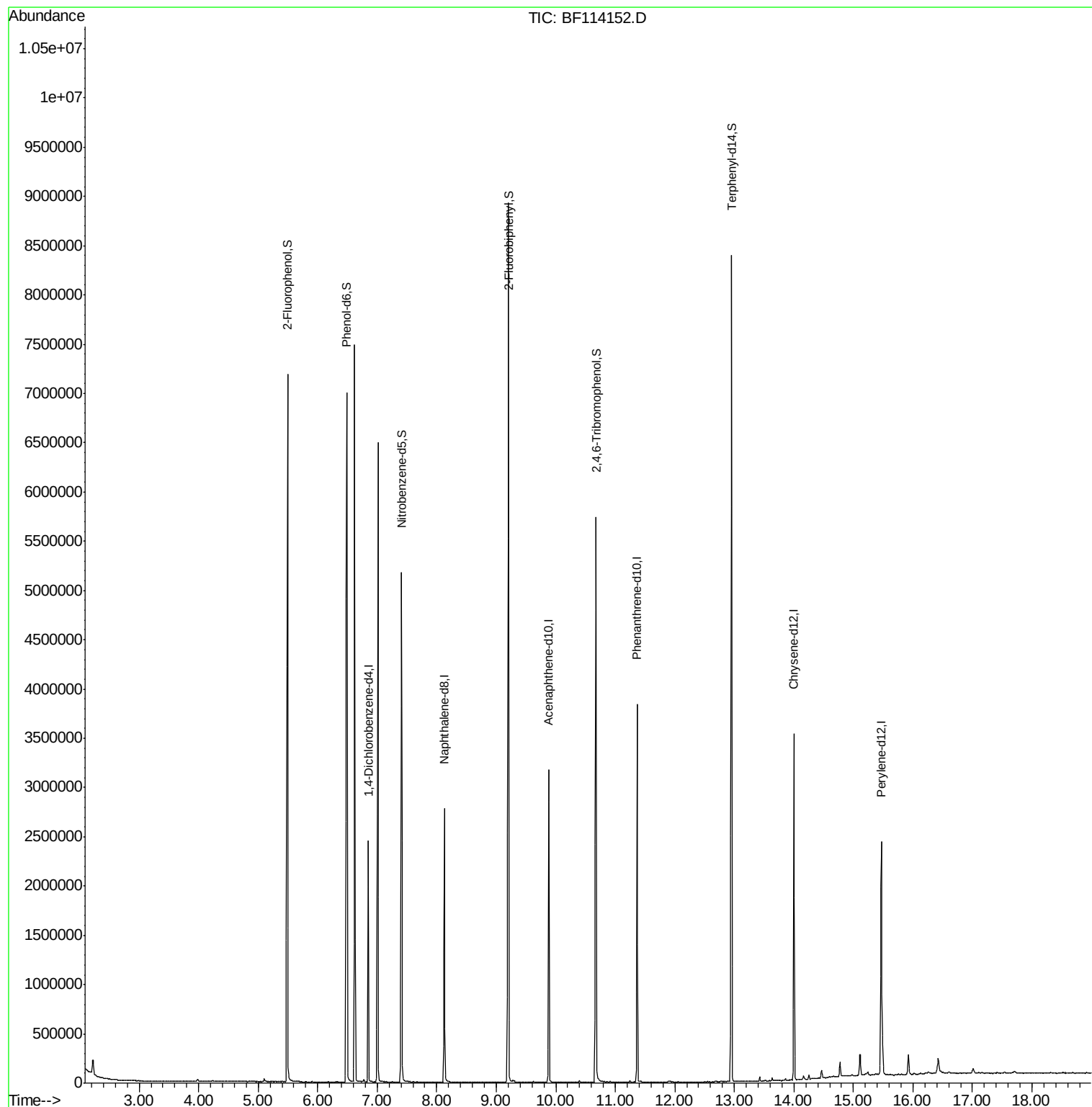
Target Compounds Qvalue

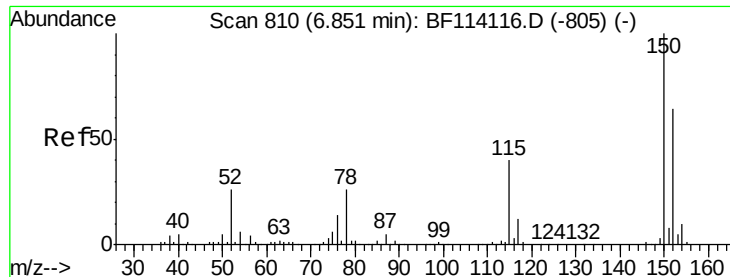
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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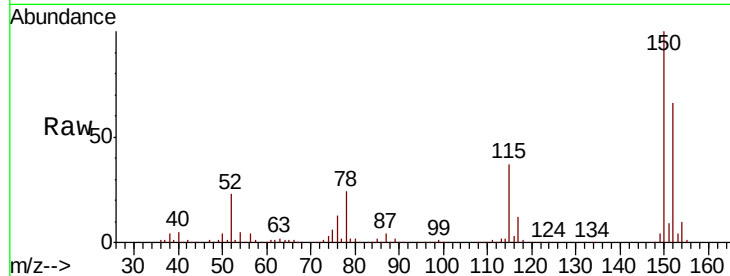


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

Instrument :
BNA_F
ClientSampleId :
PB119622BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.3	186.5
115	56.6	49.1	73.7

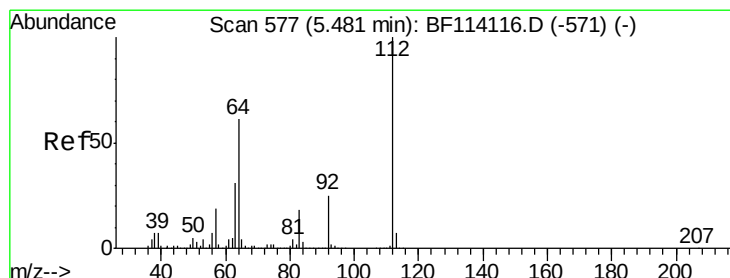
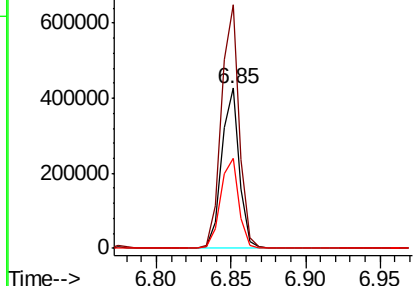
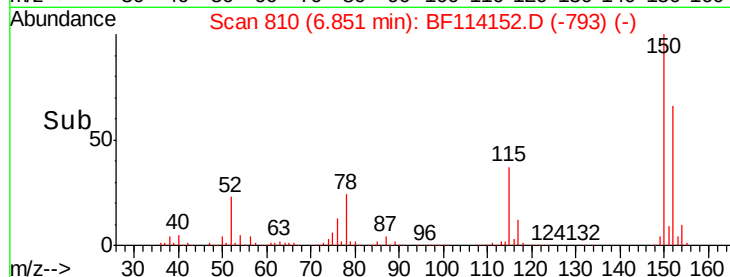


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

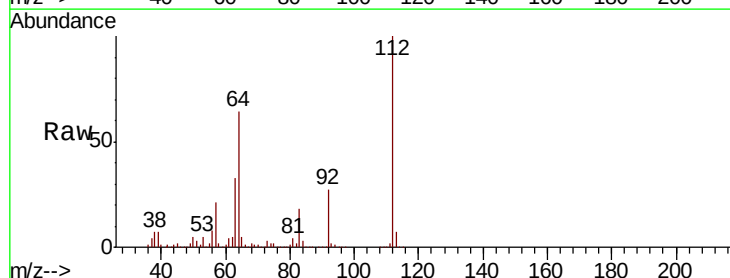
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.043 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.0	73.6
63	32.5	24.6	37.0

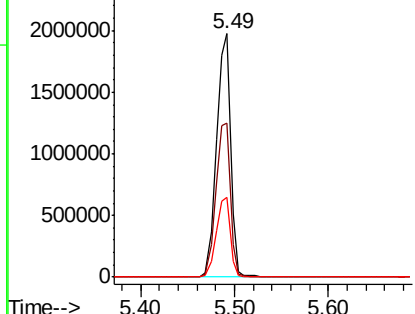
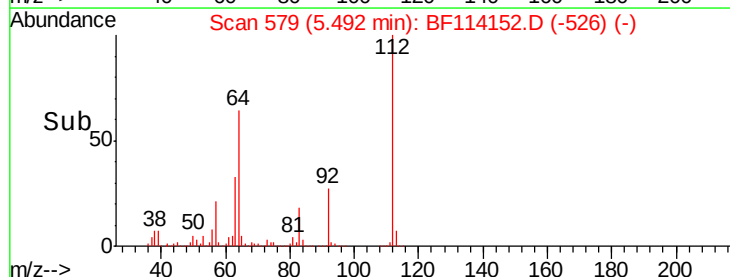


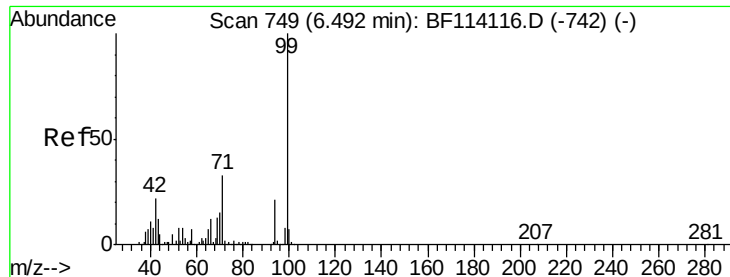
Abundance

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: 107.650 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB119622BL

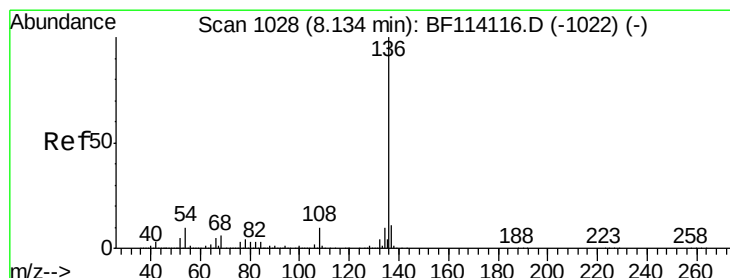
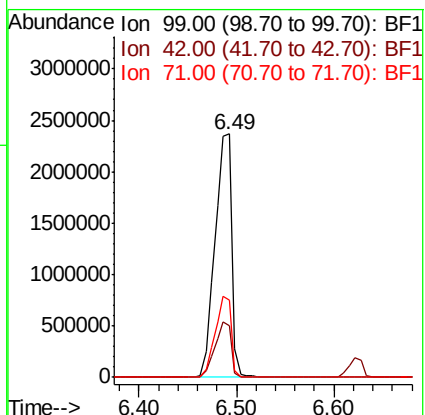
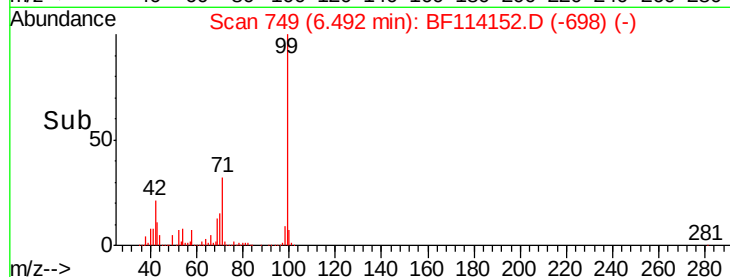
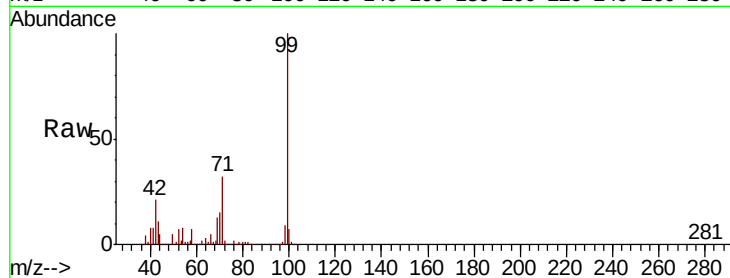
Tot Ion: 99 Resp: 2810525

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

71 32.0 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Tgt Ion: 136 Resp: 1325470

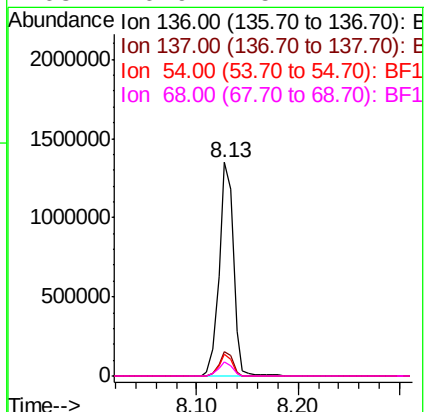
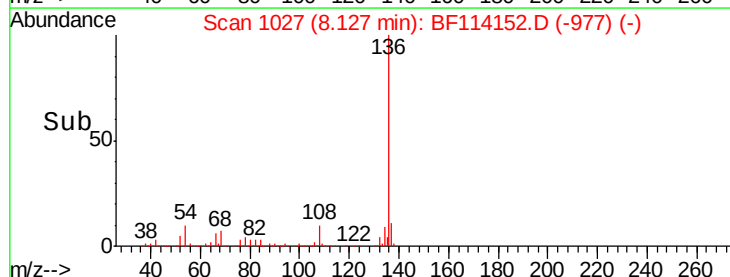
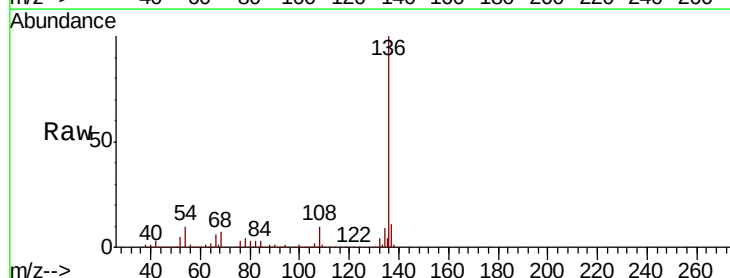
Ion Ratio Lower Upper

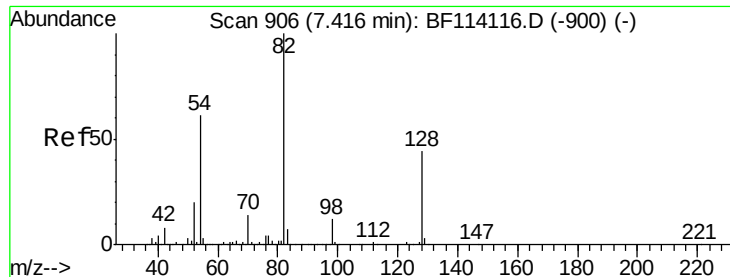
136 100

137 11.5 8.8 13.2

54 10.2 7.8 11.8

68 6.9 5.1 7.7

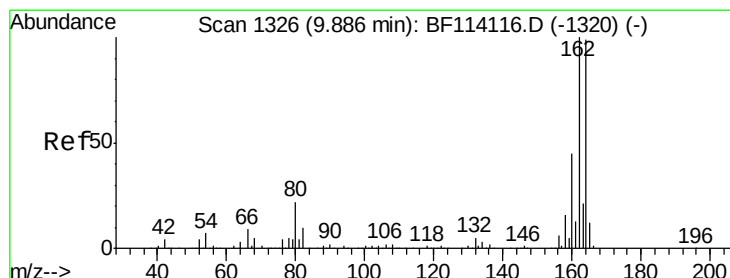
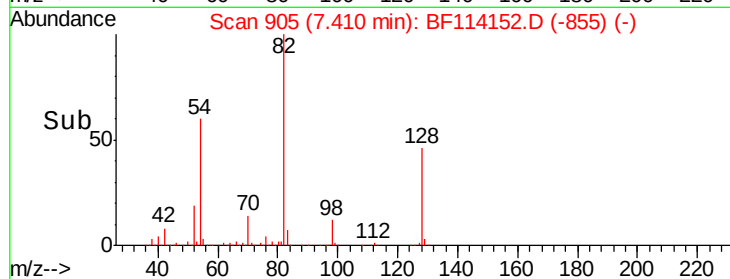
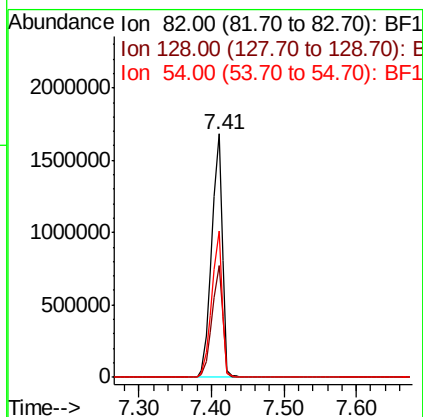
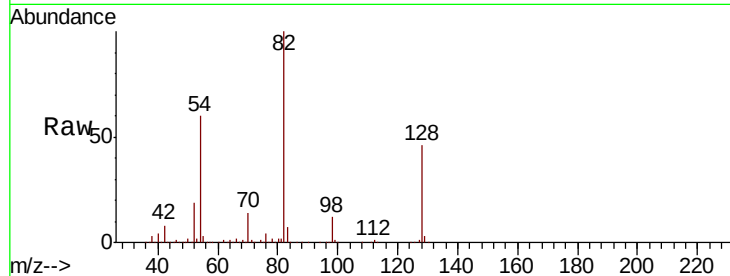




#23
 Nitrobenzene-d5
 Concen: 73.725 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

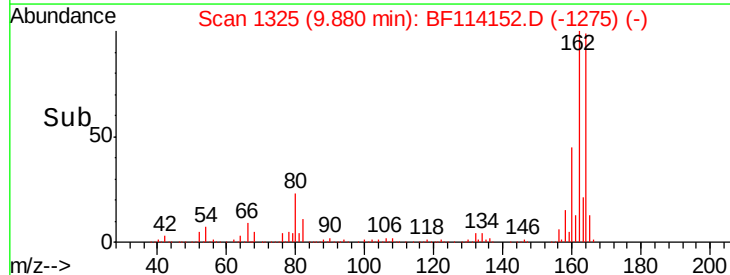
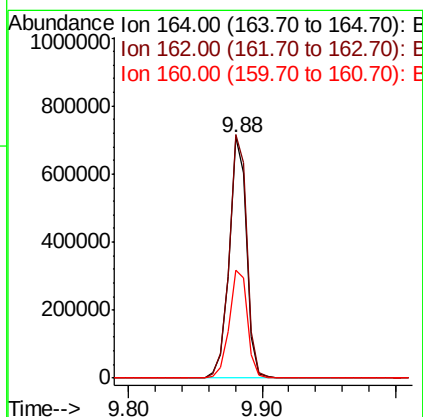
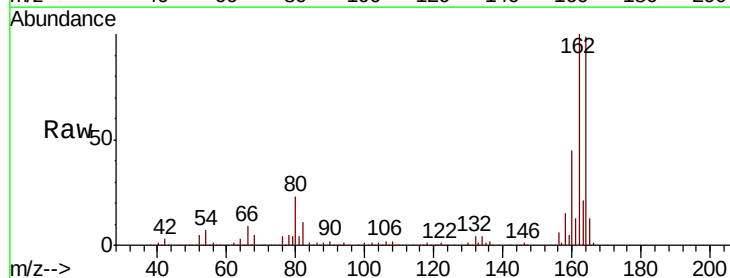
Instrument :
 BNA_F
 ClientSampleID :
 PB119622BL

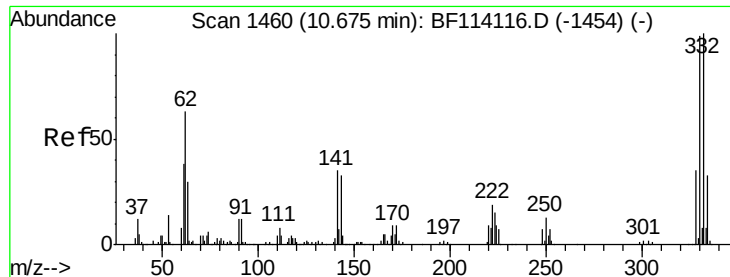
Tot Ion: 82 Resp: 1741268
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.5 53.3
 54 60.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF114152.D
 Acq: 11 May 2019 12:56

Tgt Ion: 164 Resp: 648741
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 45.1 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 109.409 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

BNA_F

ClientSampleId :

PB119622BL

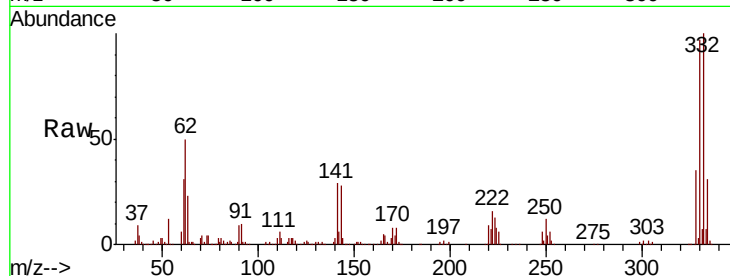
Tot Ion:330 Resp: 733795

Ion Ratio Lower Upper

330 100

332 102.7 81.4 122.2

141 31.7 26.6 40.0

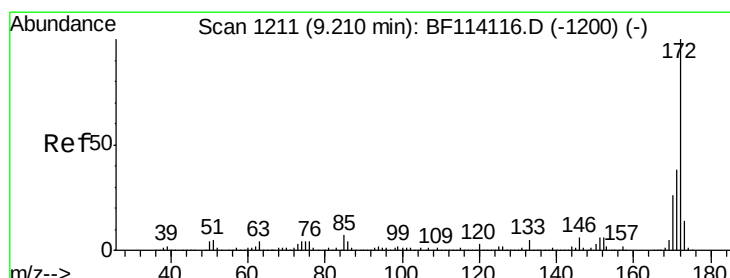
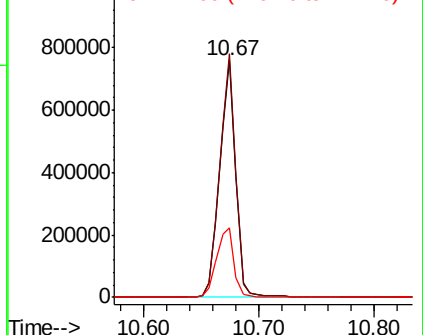
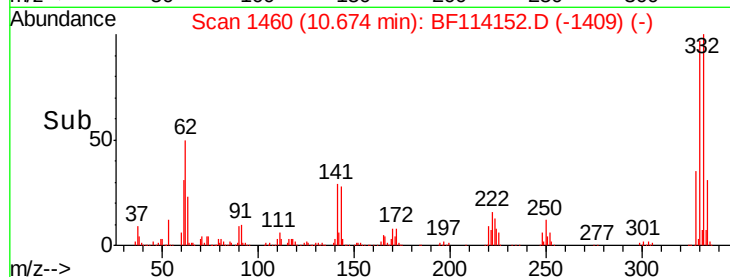


Abundance

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: 70.325 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

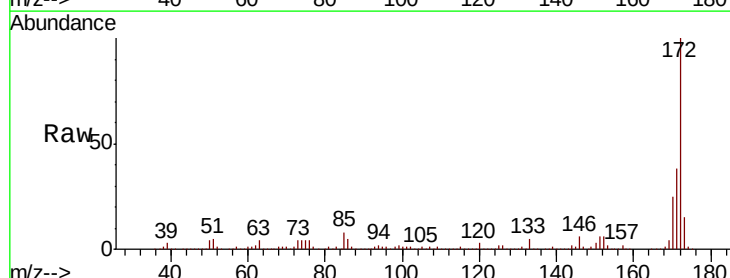
Tgt Ion:172 Resp: 3016061

Ion Ratio Lower Upper

172 100

171 37.7 30.7 46.1

170 25.3 20.5 30.7

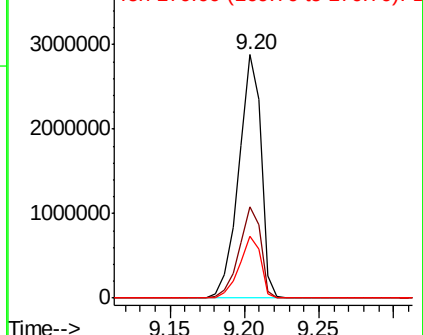
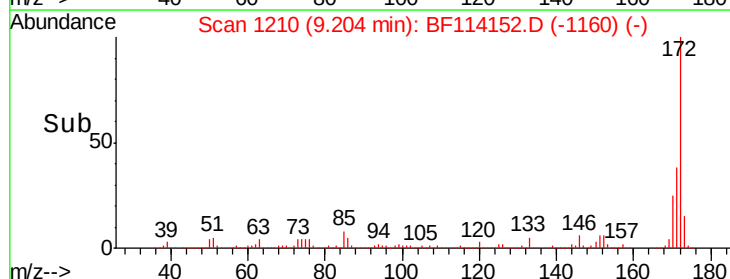


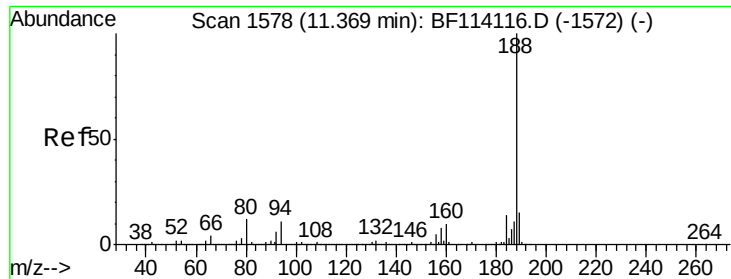
Abundance

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

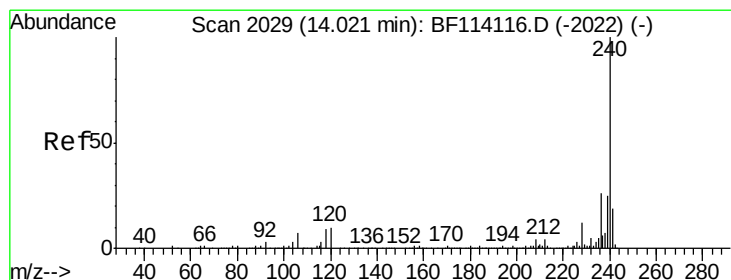
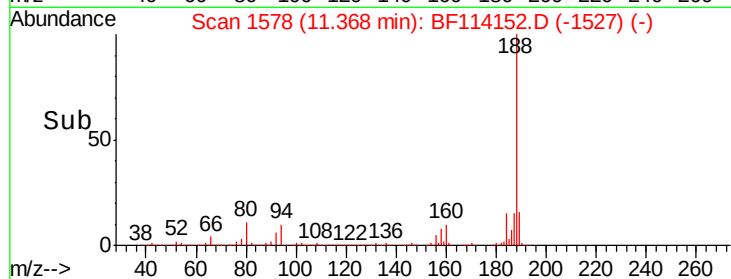
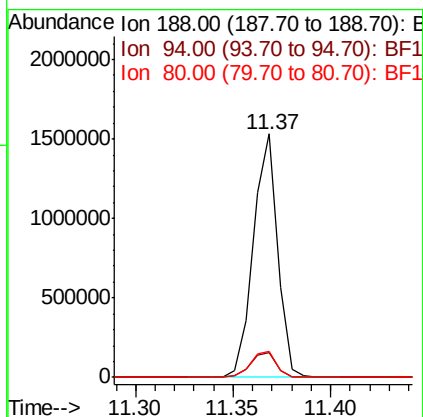
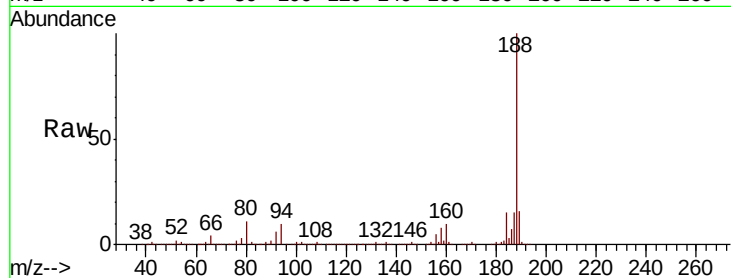




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

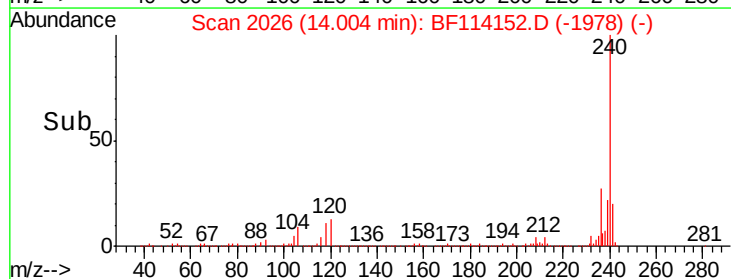
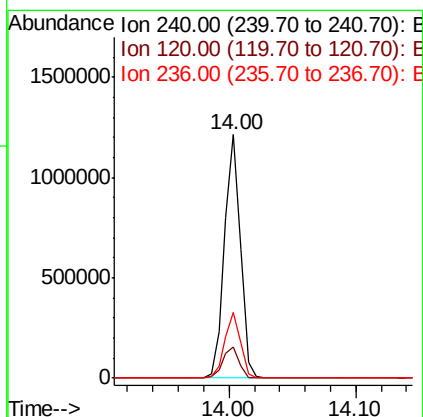
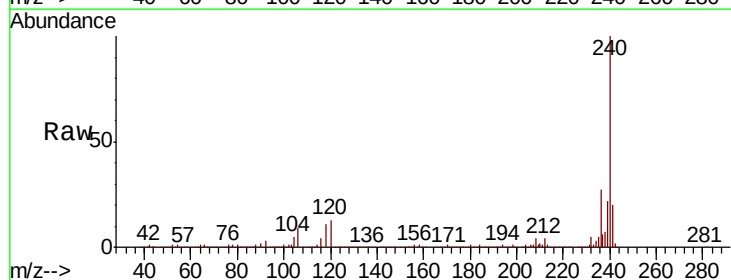
Instrument :
BNA_F
ClientSampleId :
PB119622BL

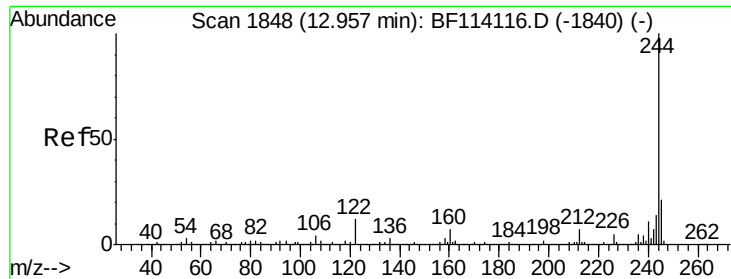
Tot Ion:188 Resp: 1318971
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114152.D
Acq: 11 May 2019 12:56

Tgt Ion:240 Resp: 1062787
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 26.9 20.8 31.2





#79

Terphenyl-d14

Concen: 62.689 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Instrument :

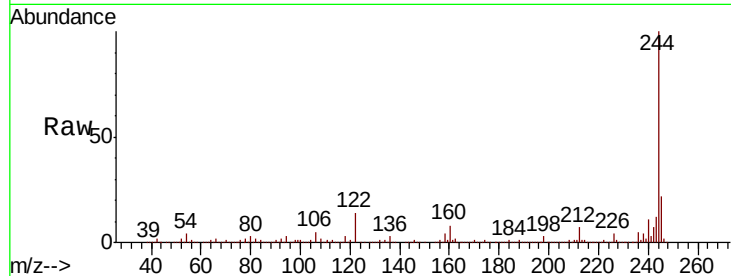
BNA_F

ClientSampleId :

PB119622BL

Tot Ion:244 Resp: 3231981

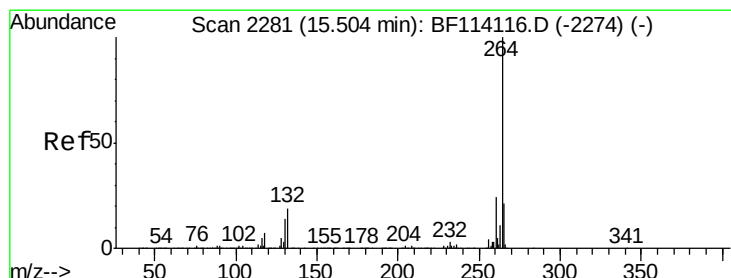
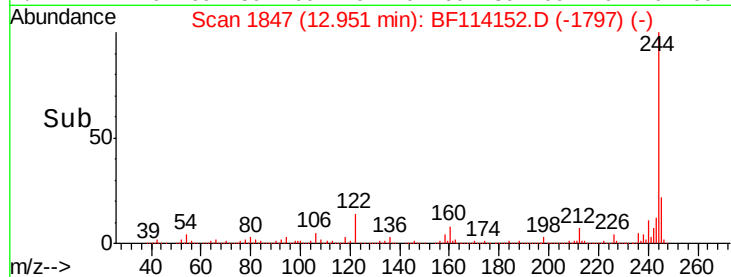
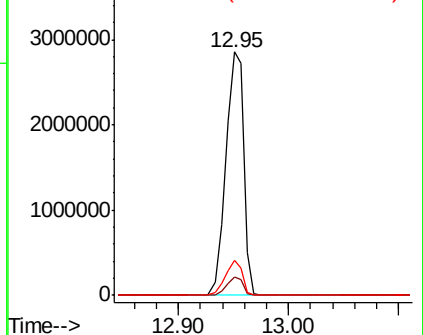
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	14.1	9.4	14.2



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: 15.47 min Scan# 2275

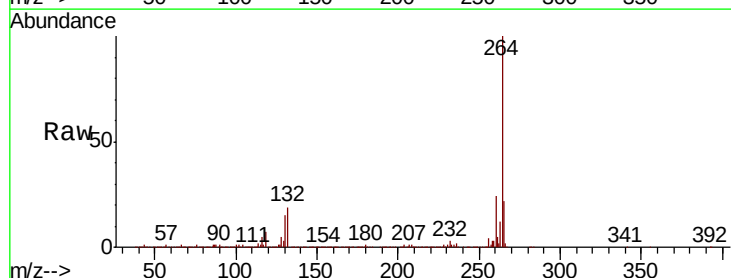
Delta R.T. -0.04 min

Lab File: BF114152.D

Acq: 11 May 2019 12:56

Tgt Ion:264 Resp: 1096938

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.6	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

