

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114479.D
 Acq On : 22 May 2019 2:26
 Operator : JU/SJ
 Sample : K2647-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-051719

Quant Time: May 22 08:19:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	195898	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	744831	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	340449	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	594135	20.00	ng	0.00
76) Chrysene-d12	14.00	240	384769	20.00	ng	0.00
87) Perylene-d12	15.46	264	339657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1293205	106.23	ng	0.00
7) Phenol-d6	6.48	99	1557998	108.21	ng	0.00
23) Nitrobenzene-d5	7.39	82	1119451	84.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	405685	115.26	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1918219	85.23	ng	0.00
79) Terphenyl-d14	12.93	244	1607140	86.10	ng	0.00

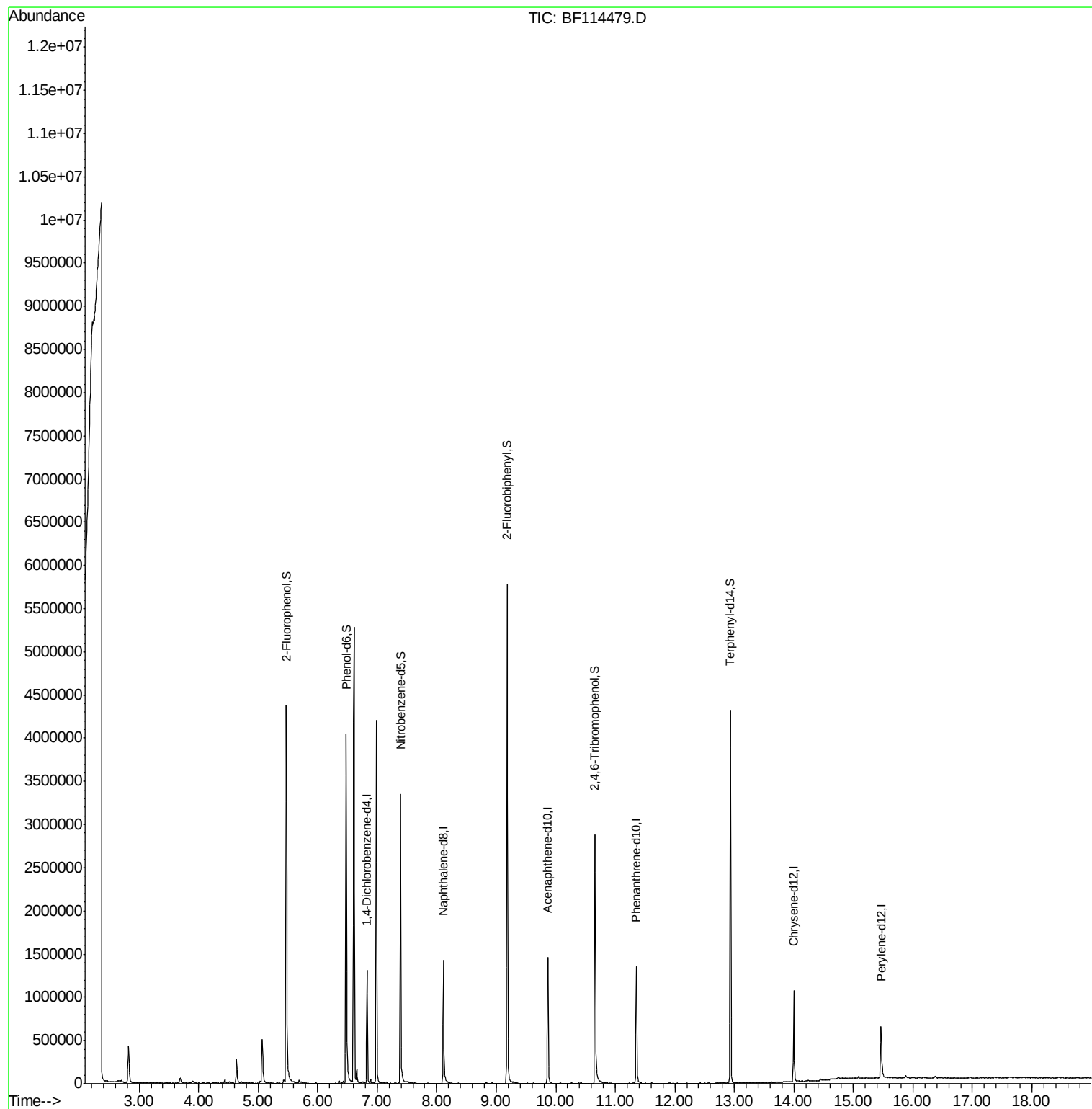
Target Compounds	Qvalue
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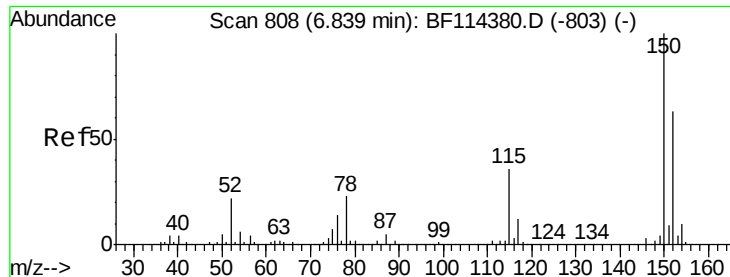
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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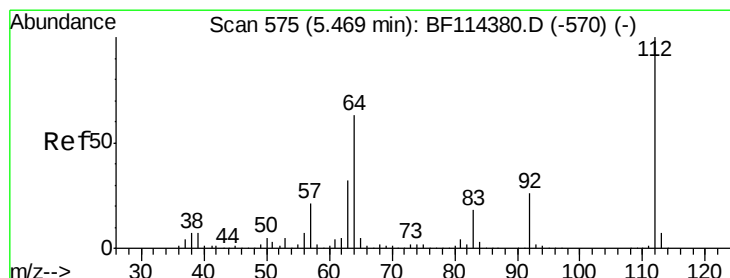
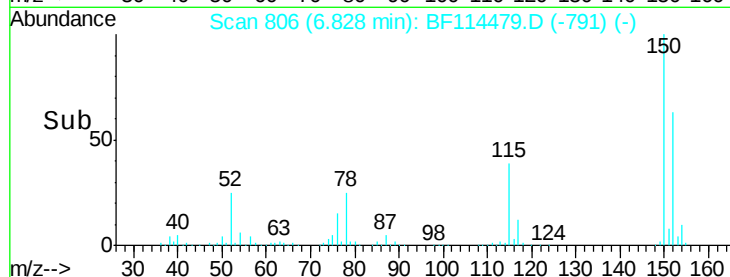
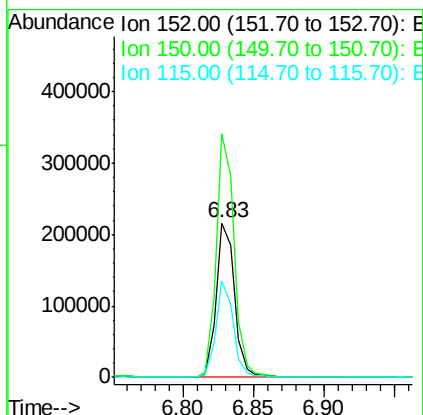
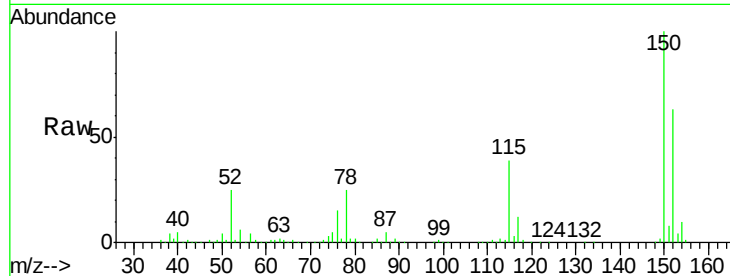


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114479.D
Acq: 22 May 2019 2:26

Instrument :
BNA_F
ClientSampleId :
SU-01-051719

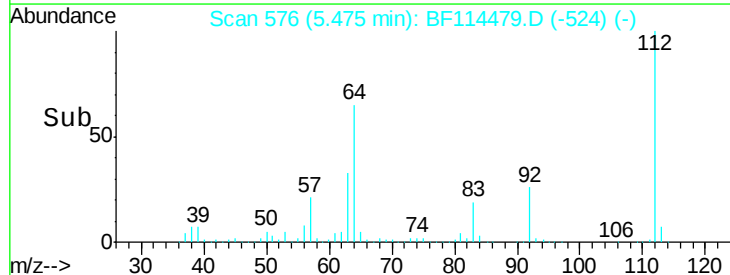
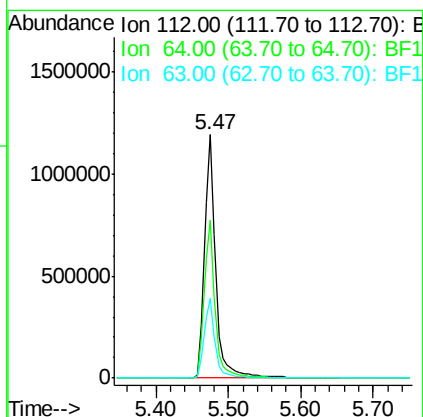
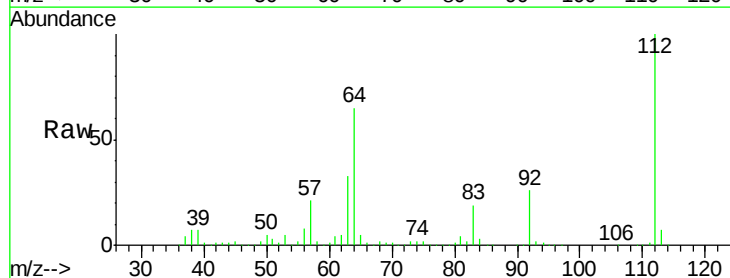
Tgt Ion:152 Resp: 195898
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 62.3 49.1 73.7

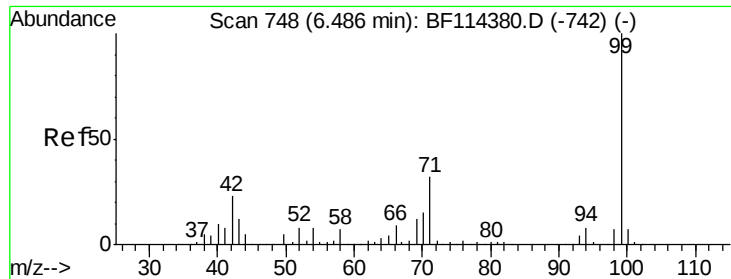


#5

2-Fluorophenol
Concen: 106.234 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114479.D
Acq: 22 May 2019 2:26

Tgt Ion:112 Resp: 1293205
Ion Ratio Lower Upper
112 100
64 64.7 49.0 73.6
63 32.8 24.6 37.0





#7

Phenol-d6

Concen: 108.212 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

SU-01-051719

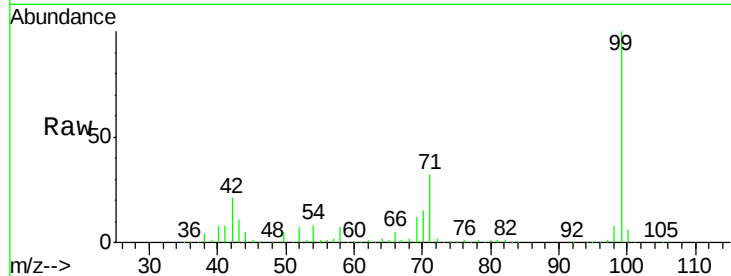
Tgt Ion: 99 Resp: 1557998

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

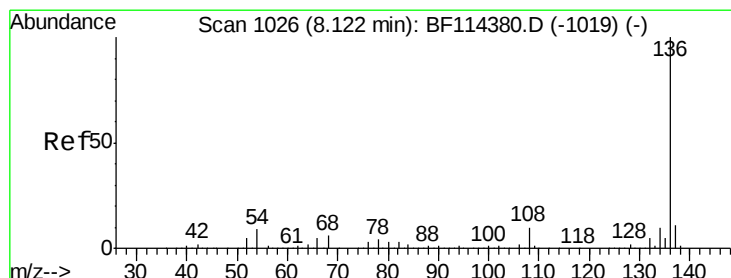
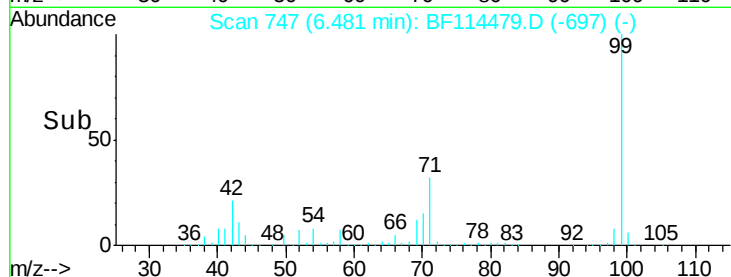
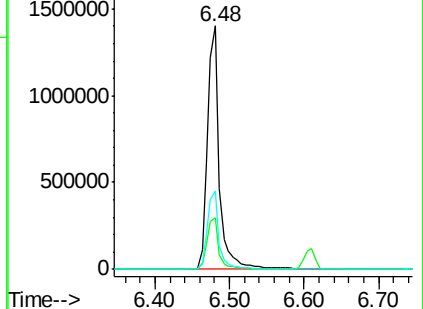
71 32.4 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

Tgt Ion: 136 Resp: 744831

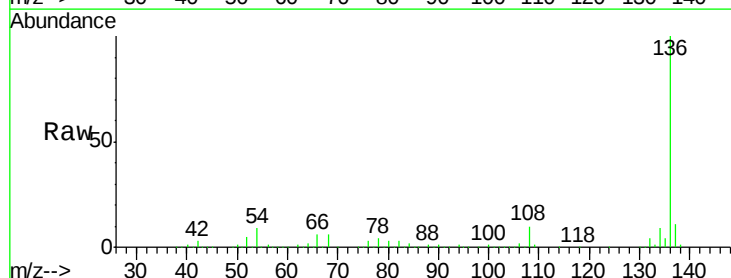
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.3 7.8 11.8

68 6.0 5.1 7.7

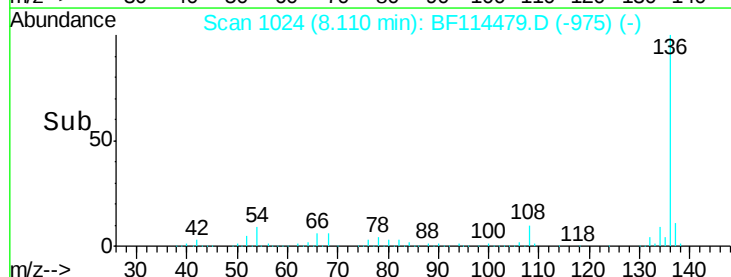
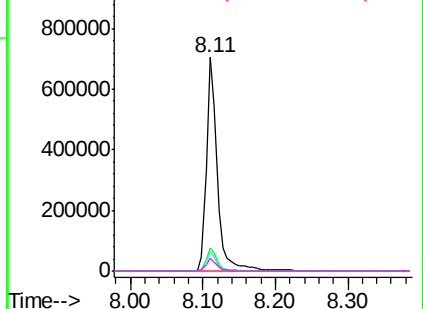


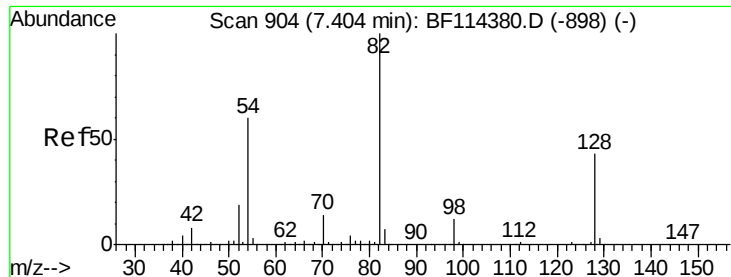
Abundance Ion 136.00 (135.70 to 136.70): E

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

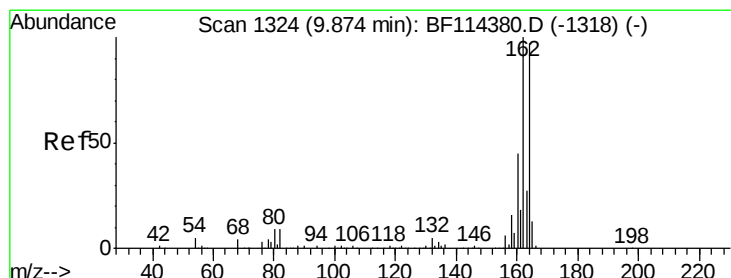
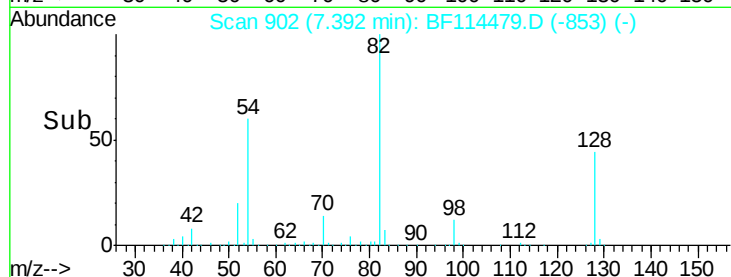
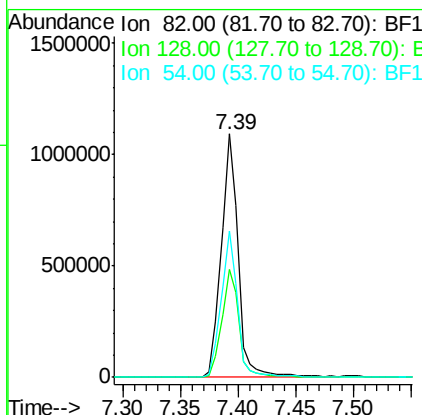
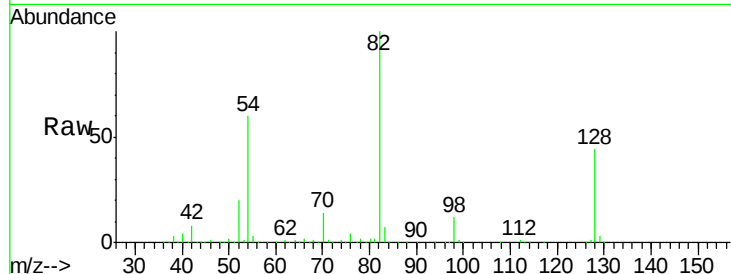




#23
 Nitrobenzene-d5
 Concen: 84.346 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114479.D
 Acq: 22 May 2019 2:26

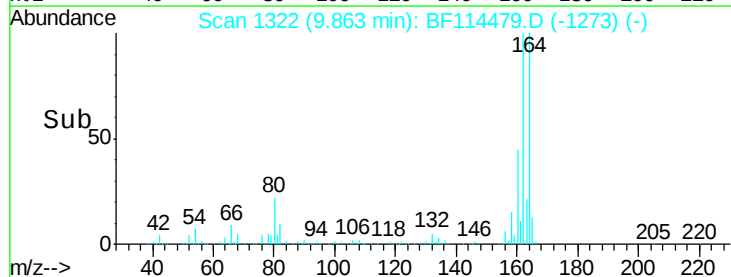
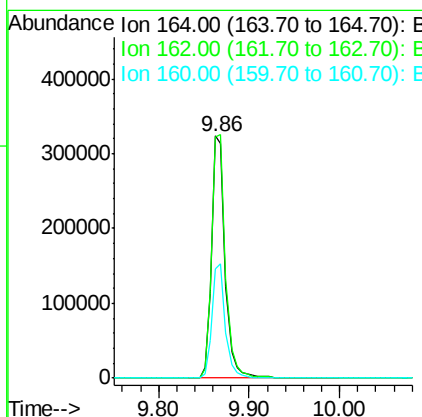
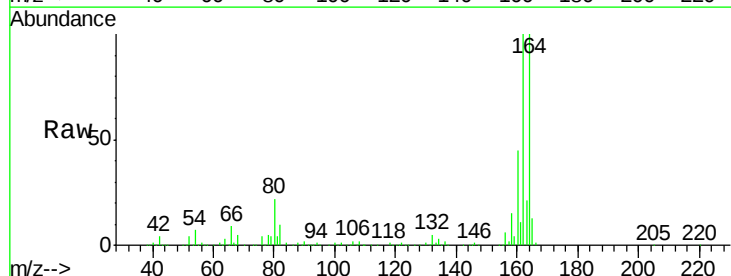
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-051719

Tgt Ion: 82 Resp: 1119451
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.5 53.3
 54 60.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114479.D
 Acq: 22 May 2019 2:26

Tgt Ion: 164 Resp: 340449
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.6 120.8
 160 45.0 36.5 54.7

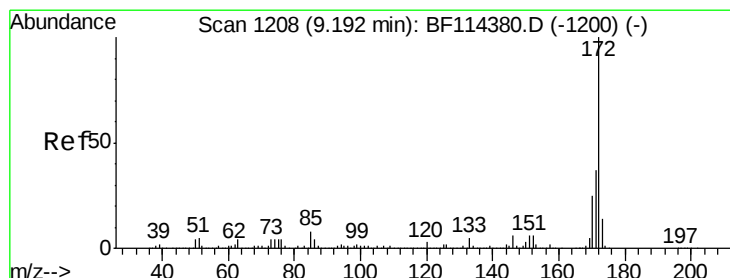
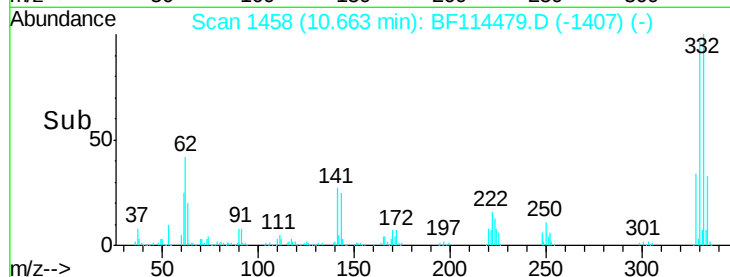
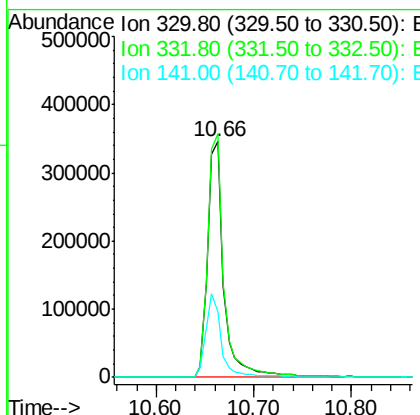
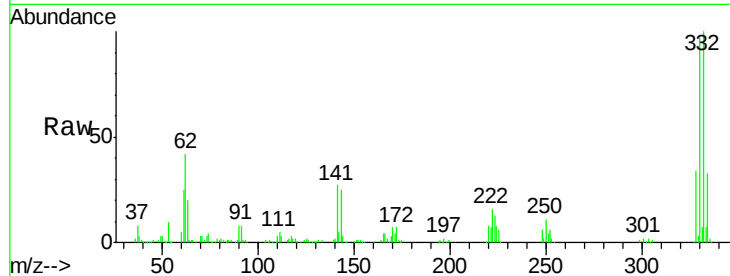




#42
 2,4,6-Tribromophenol
 Concen: 115.262 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114479.D
 Acq: 22 May 2019 2:26

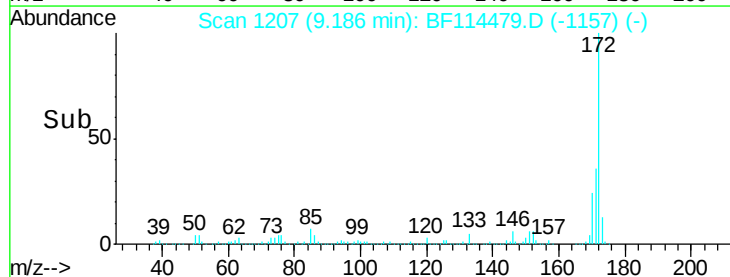
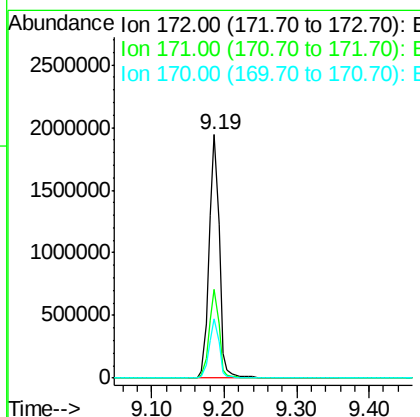
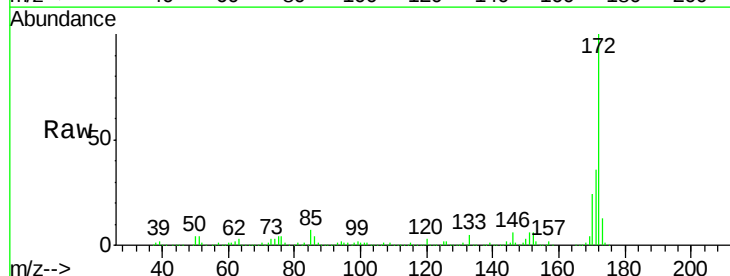
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-051719

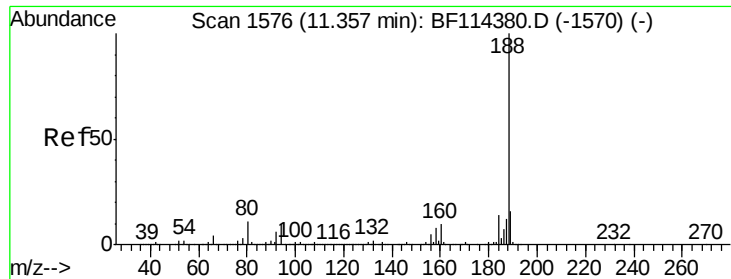
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.0	81.4	122.2
141	34.1	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 85.229 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114479.D
 Acq: 22 May 2019 2:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

SU-01-051719

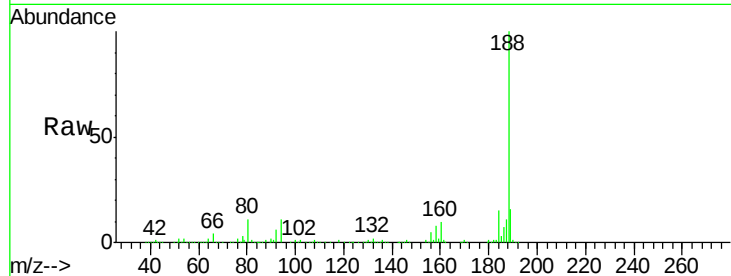
Tgt Ion:188 Resp: 594135

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

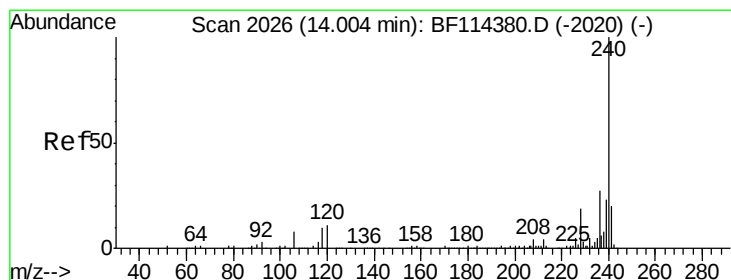
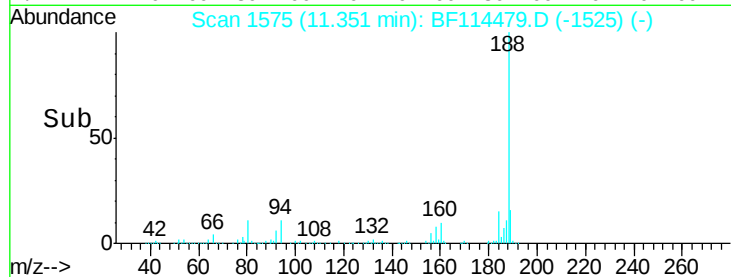
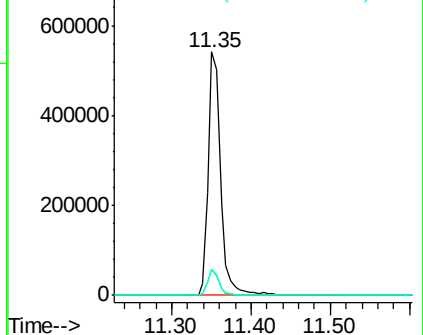
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

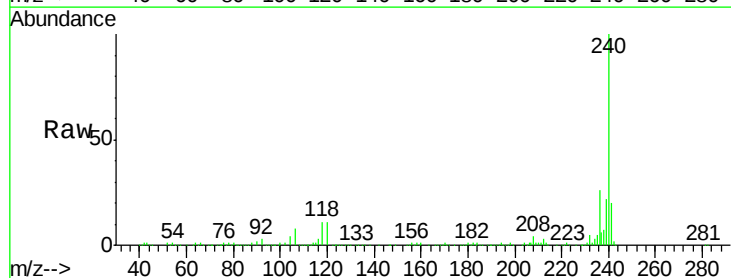
Tgt Ion:240 Resp: 384769

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

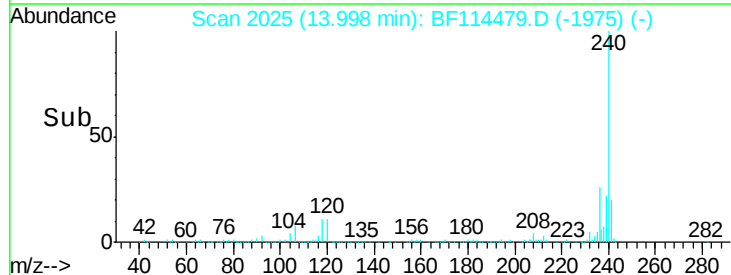
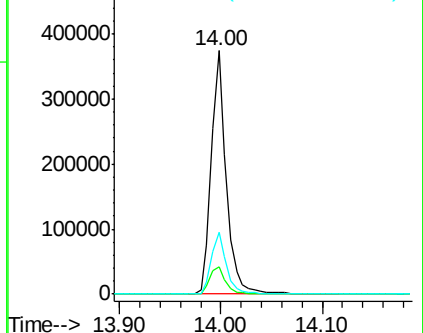
236 25.6 20.8 31.2

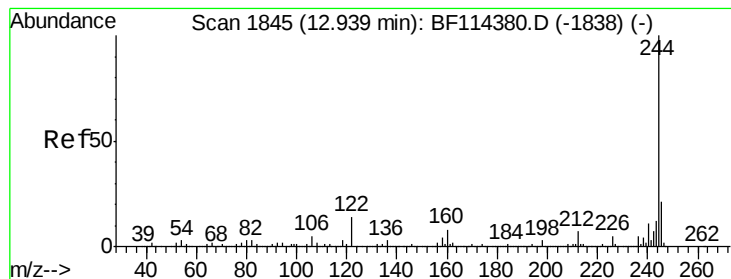


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.104 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

Instrument :

BNA_F

ClientSampleId :

SU-01-051719

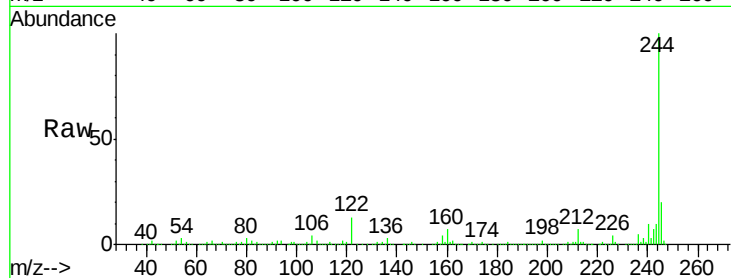
Tgt Ion:244 Resp: 1607140

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

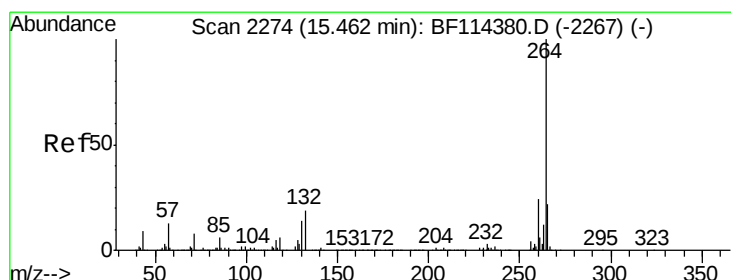
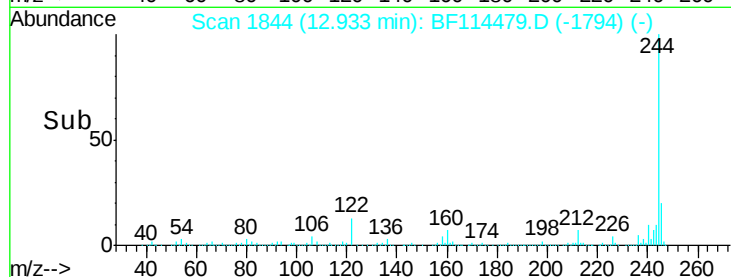
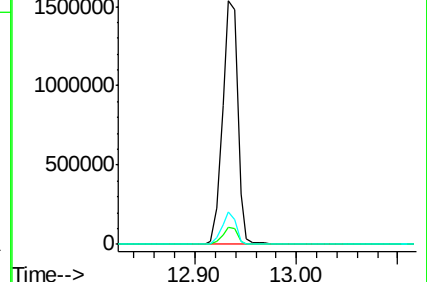
122 13.4 9.4 14.2



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: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114479.D

Acq: 22 May 2019 2:26

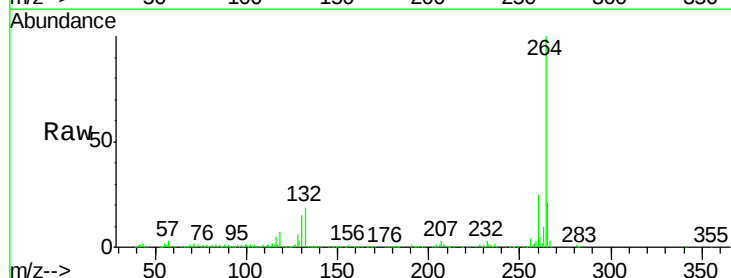
Tgt Ion:264 Resp: 339657

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.0

265 21.4 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

