

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114739.D
 Acq On : 1 Jun 2019 5:52
 Operator : HP/JU
 Sample : K2648-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

Quant Time: Jun 01 06:57:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	452797	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1683444	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	743421	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1208444	20.00	ng	0.00
76) Chrysene-d12	13.81	240	808669	20.00	ng	0.00
87) Perylene-d12	15.20	264	746179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2931693	113.68	ng	0.03
7) Phenol-d6	6.33	99	3244510	104.40	ng	0.00
23) Nitrobenzene-d5	7.26	82	2480564	91.93	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	888169	125.38	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	4075942	107.16	ng	0.00
79) Terphenyl-d14	12.78	244	3365283	78.24	ng	0.00

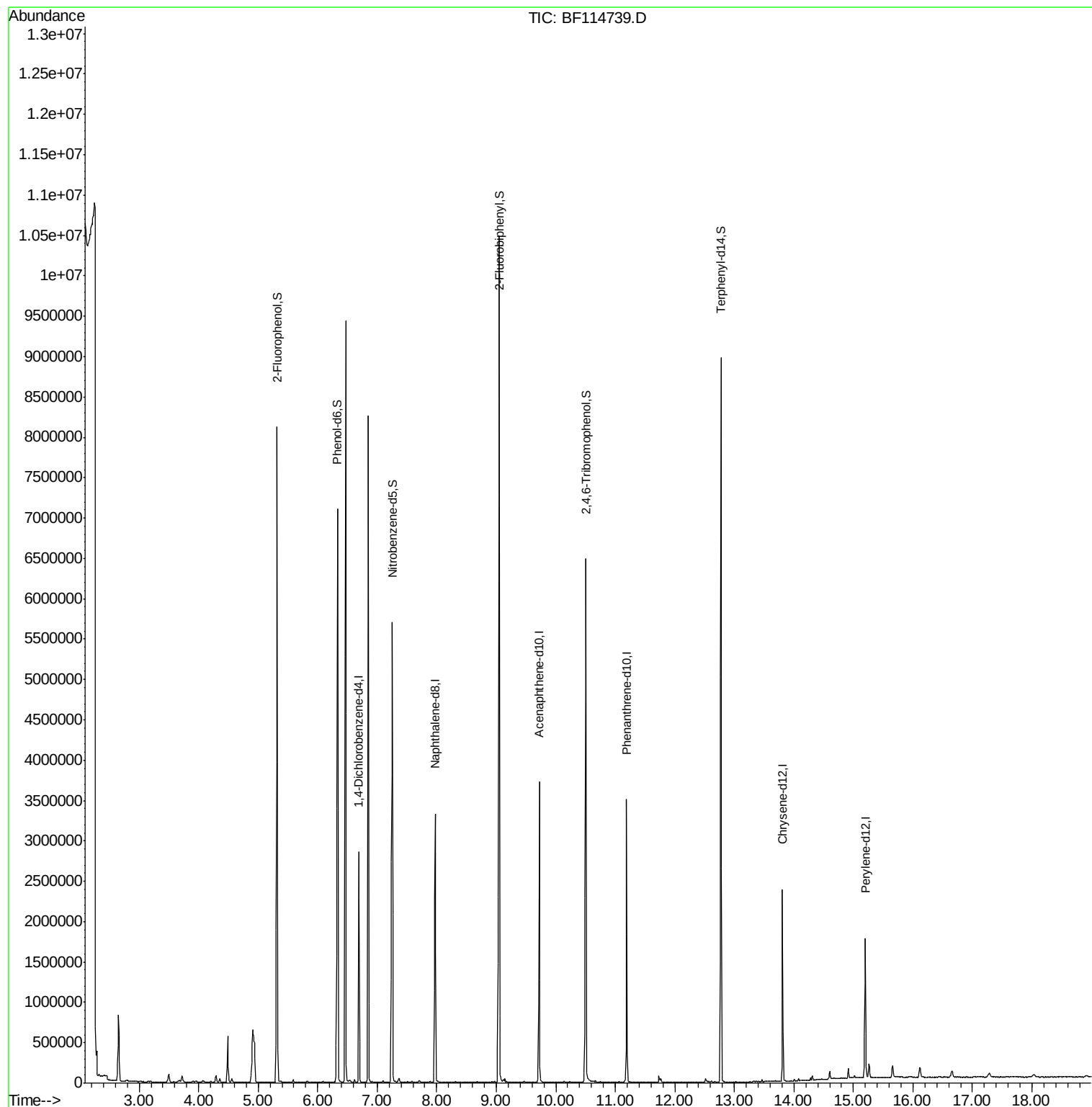
Target Compounds Qvalue

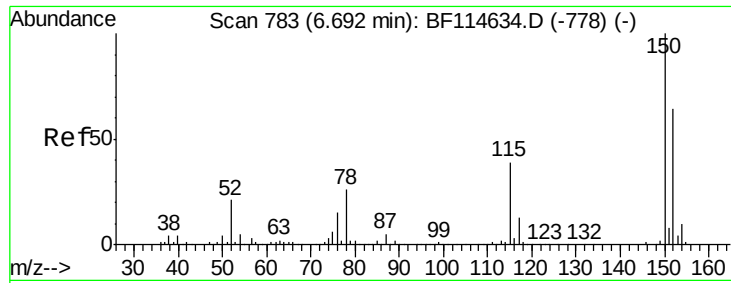
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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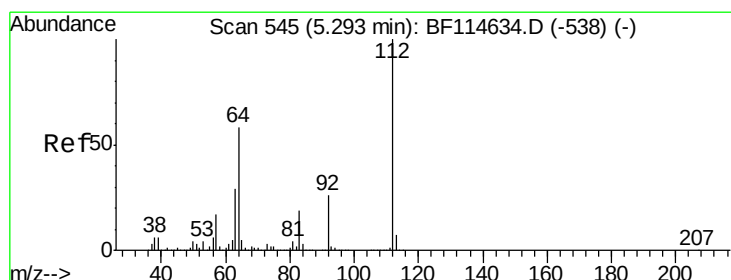
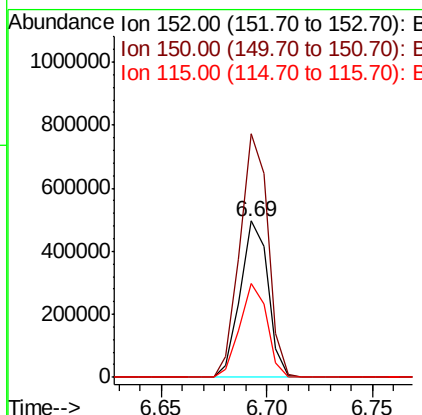
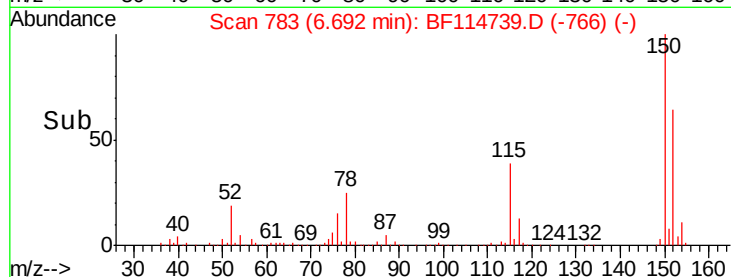
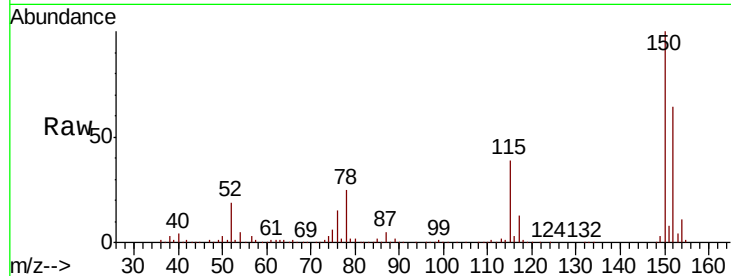




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

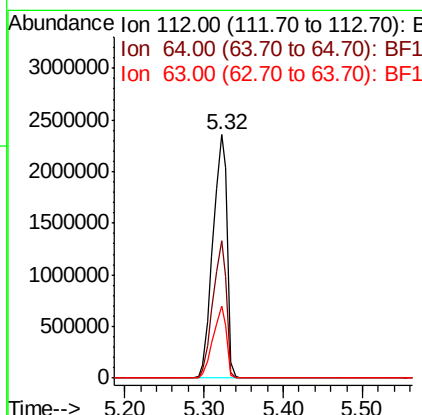
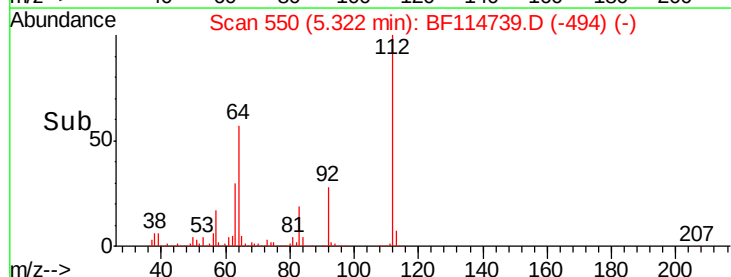
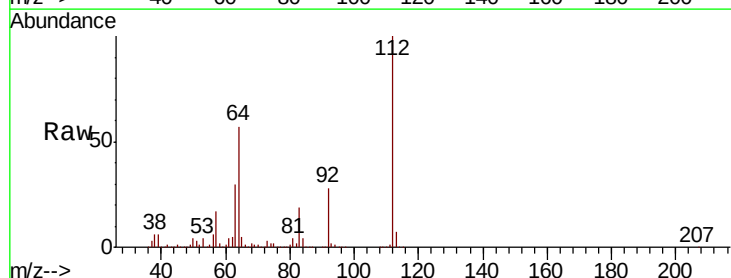
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

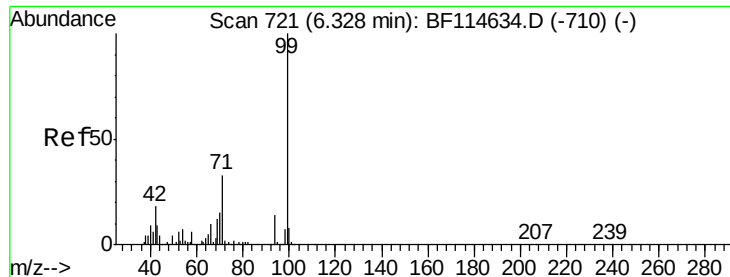
Tot Ion:152 Resp: 452797
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.4 186.6
 115 60.4 48.7 73.1



#5
 2-Fluorophenol
 Concen: 113.676 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.03 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Tgt Ion:112 Resp: 2931693
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.1 69.1
 63 29.7 23.4 35.2





#7

Phenol-d6

Concen: 104.399 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

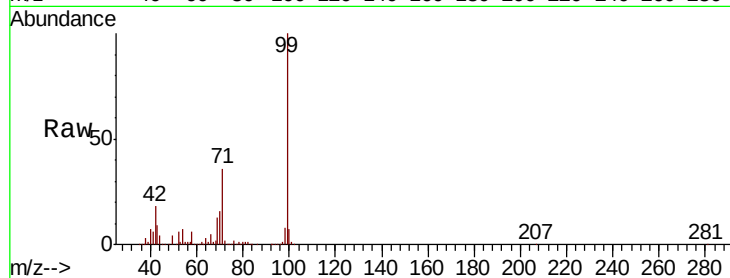
BNA_F

ClientSampleId :

TR-04-052919

Tot Ion: 99 Resp: 3244510

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.7	22.1
71	35.6	26.6	40.0

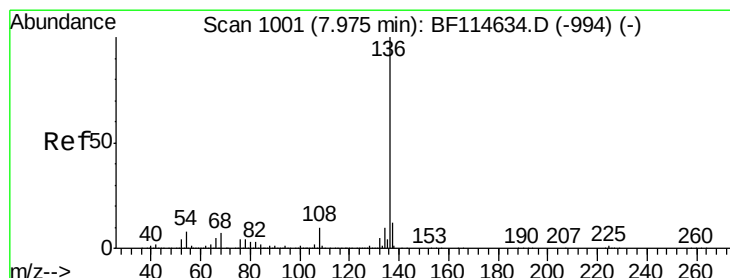
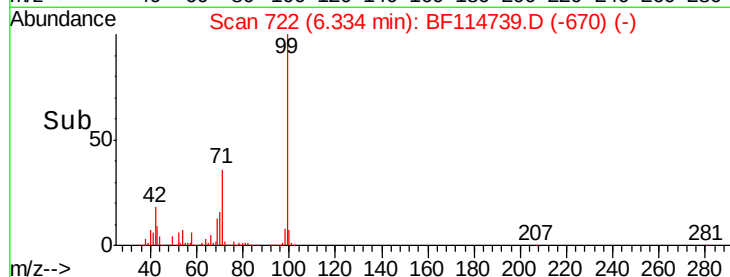
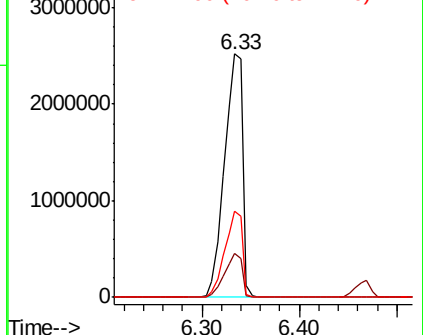


Abundance

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: 7.97 min Scan# 1001

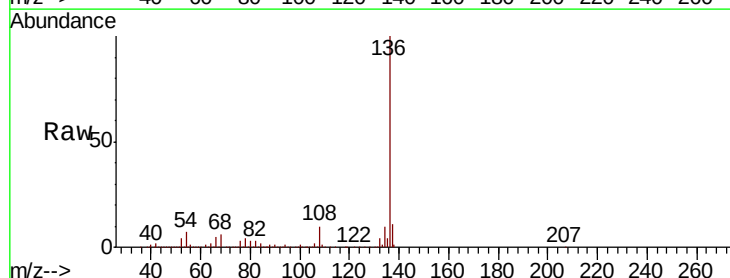
Delta R.T. -0.00 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Tgt Ion: 136 Resp: 1683444

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.8	6.3	9.5
68	5.7	5.4	8.0



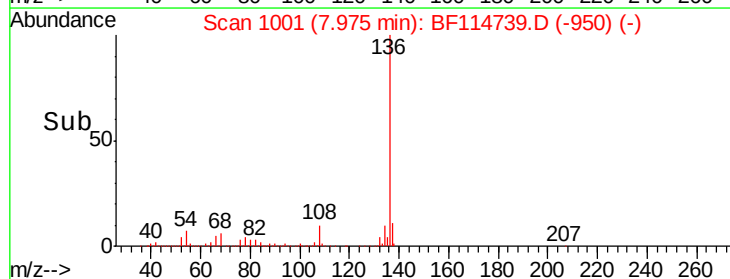
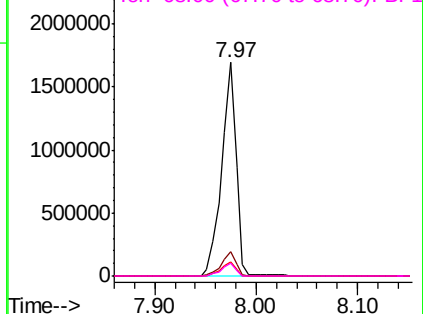
Abundance

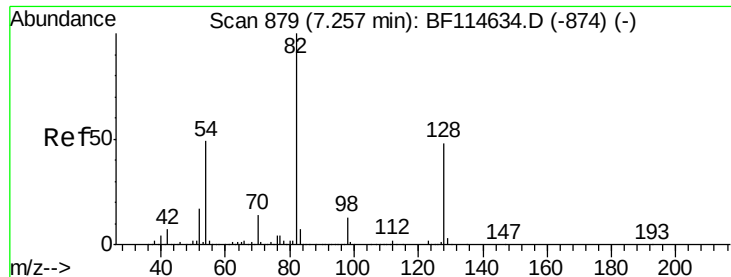
Ion 136.00 (135.70 to 136.70): E

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



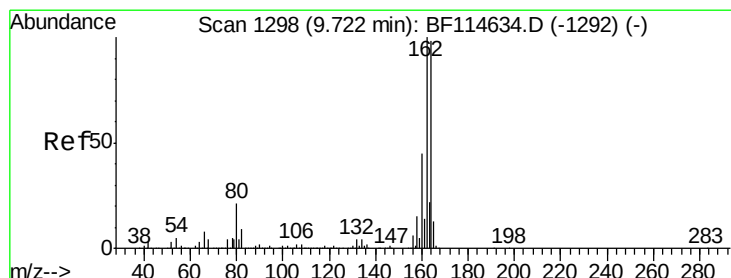
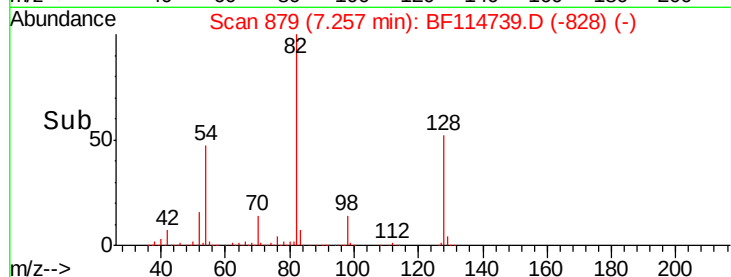
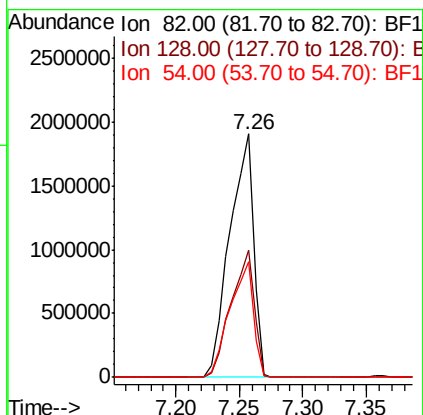
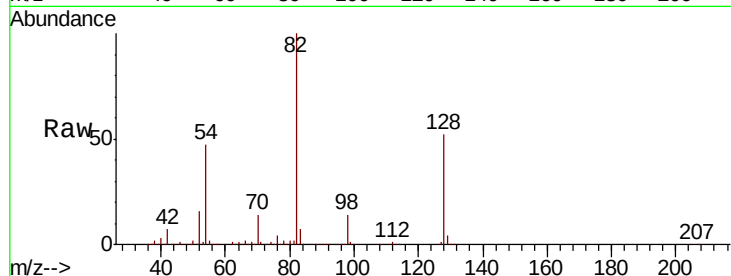


#23
 Nitrobenzene-d5
 Concen: 91.931 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

Tot Ion: 82 Resp: 2480564

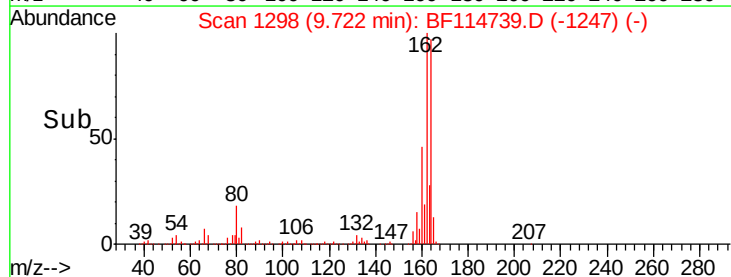
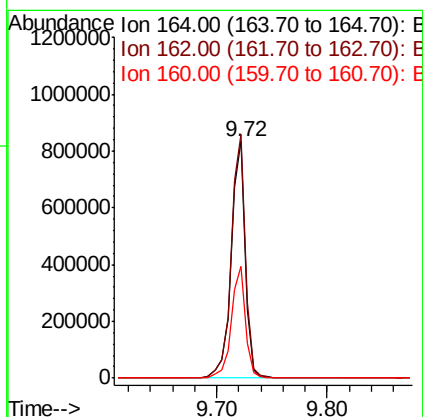
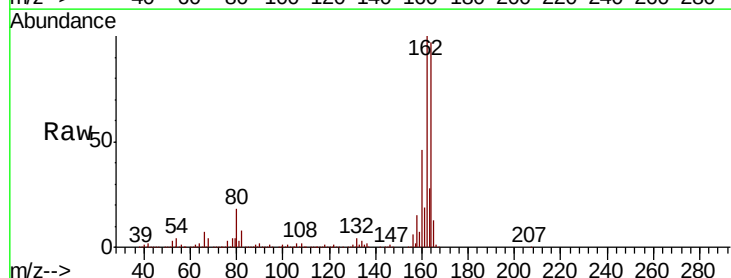
Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.5	57.7
54	47.4	39.1	58.7

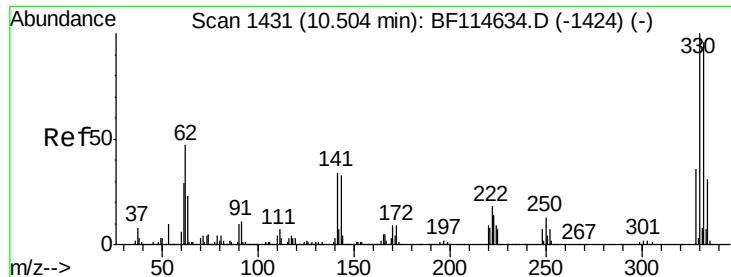


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Tgt Ion: 164 Resp: 743421

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.2
160	47.2	36.6	54.8

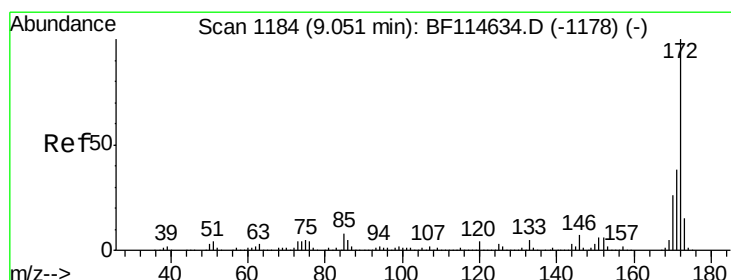
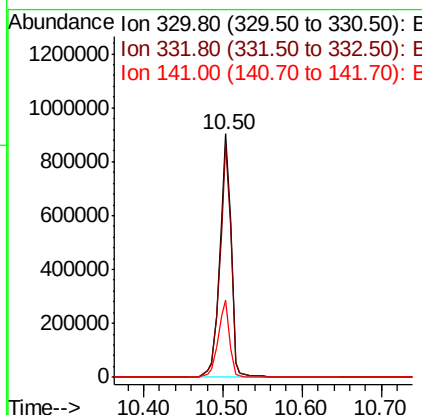
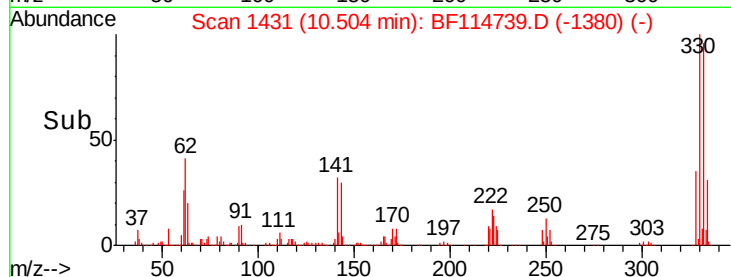
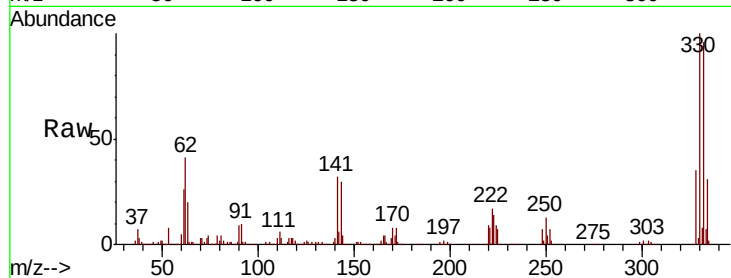




#42
 2,4,6-Tribromophenol
 Concen: 125.383 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

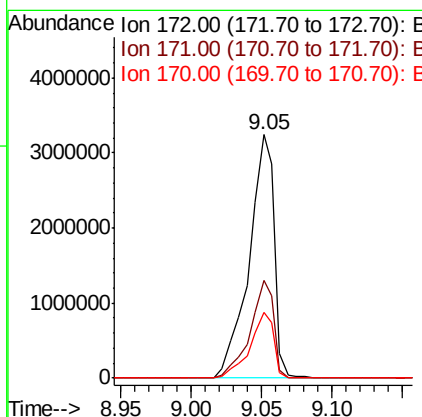
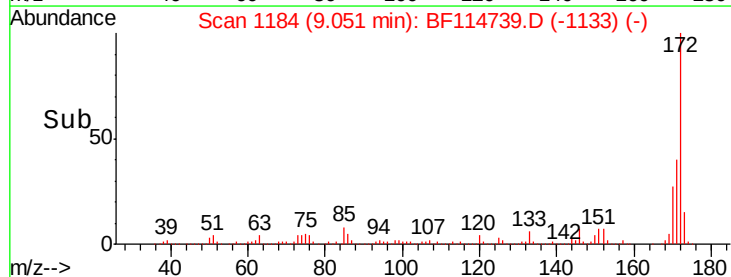
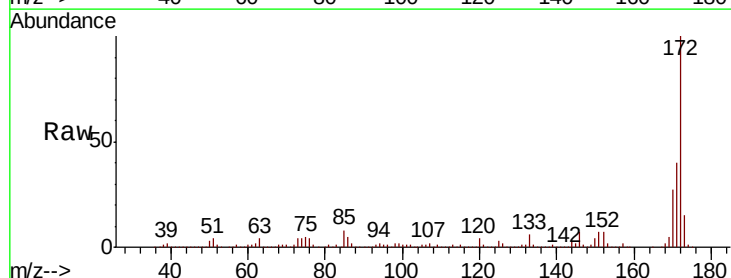
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052919

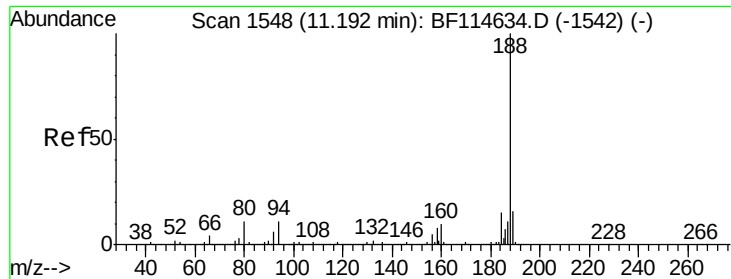
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.8
141	32.2	27.8	41.8



#45
 2-Fluorobiphenyl
 Concen: 107.164 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114739.D
 Acq: 1 Jun 2019 5:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.6	45.8
170	27.0	20.7	31.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

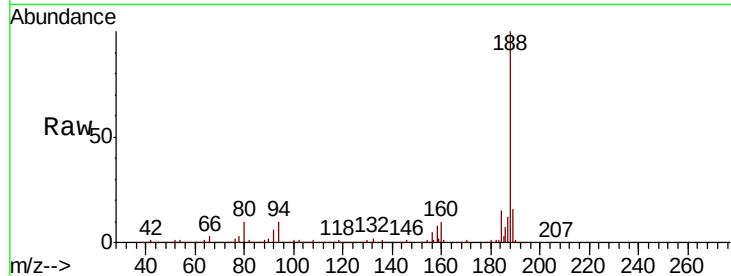
Tot Ion:188 Resp: 1208444

Ion Ratio Lower Upper

188 100

94 10.0 8.6 13.0

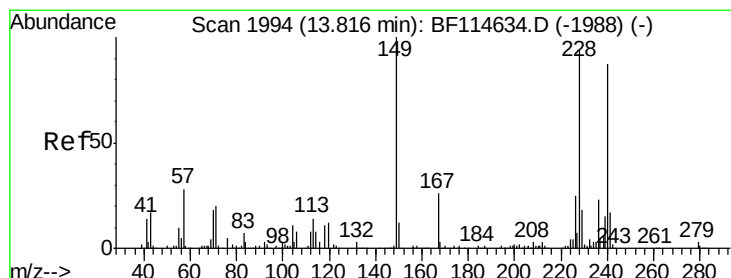
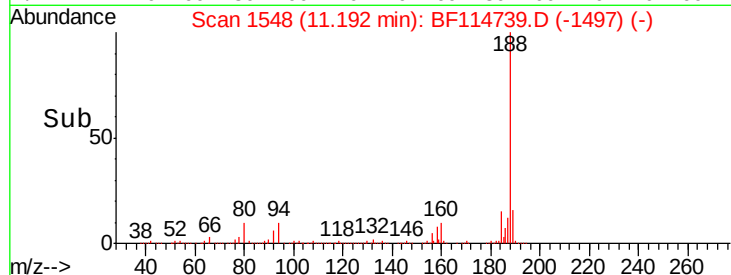
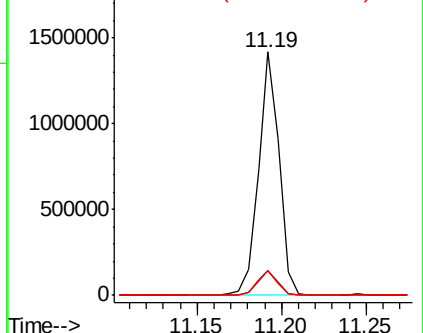
80 10.3 9.0 13.6



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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

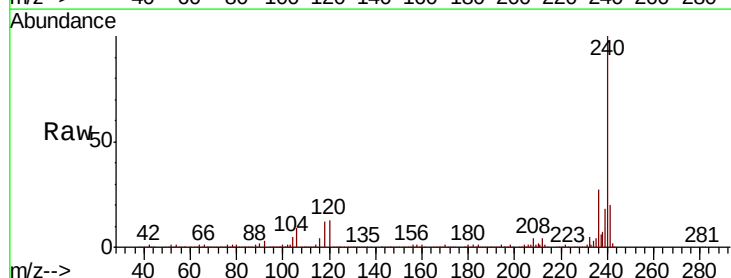
Tgt Ion:240 Resp: 808669

Ion Ratio Lower Upper

240 100

120 13.5 11.2 16.8

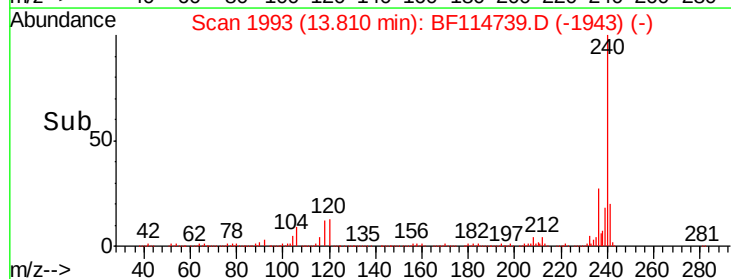
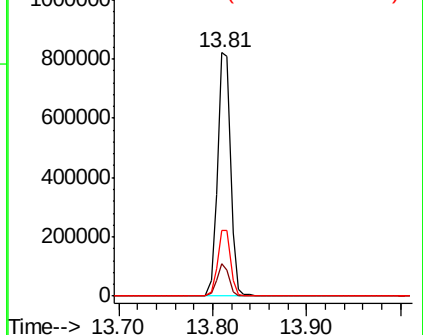
236 27.1 21.2 31.8

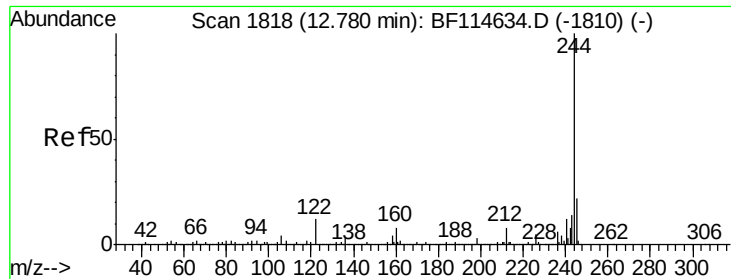


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.243 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

Instrument :

BNA_F

ClientSampleId :

TR-04-052919

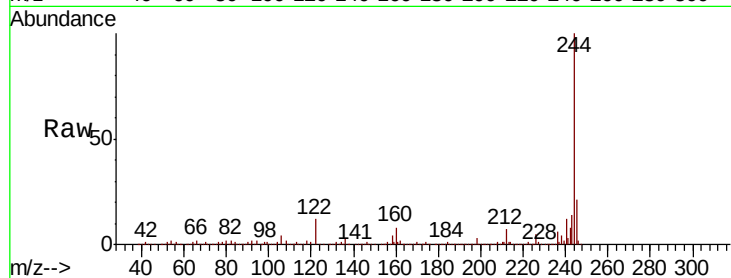
Tot Ion:244 Resp: 3365283

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

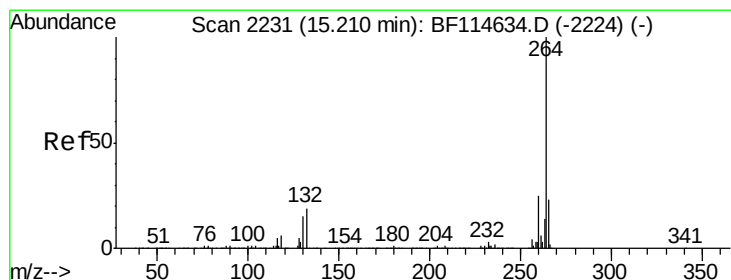
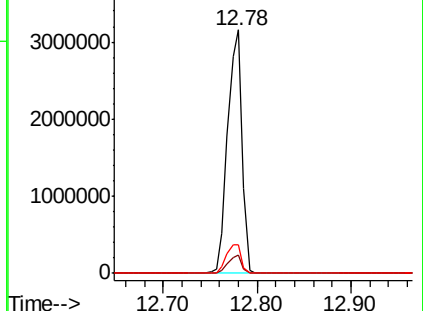
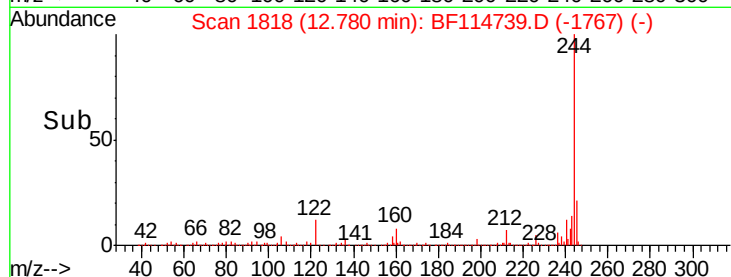
122 11.9 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114739.D

Acq: 1 Jun 2019 5:52

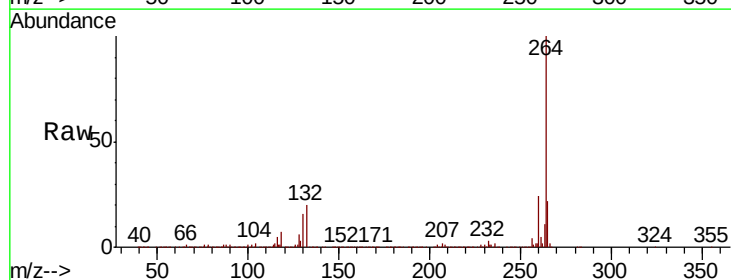
Tgt Ion:264 Resp: 746179

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 22.1 18.1 27.1



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

