

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114579.D
 Acq On : 24 May 2019 19:39
 Operator : JU/SJ
 Sample : K3026-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Quant Time: May 24 22:37:14 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

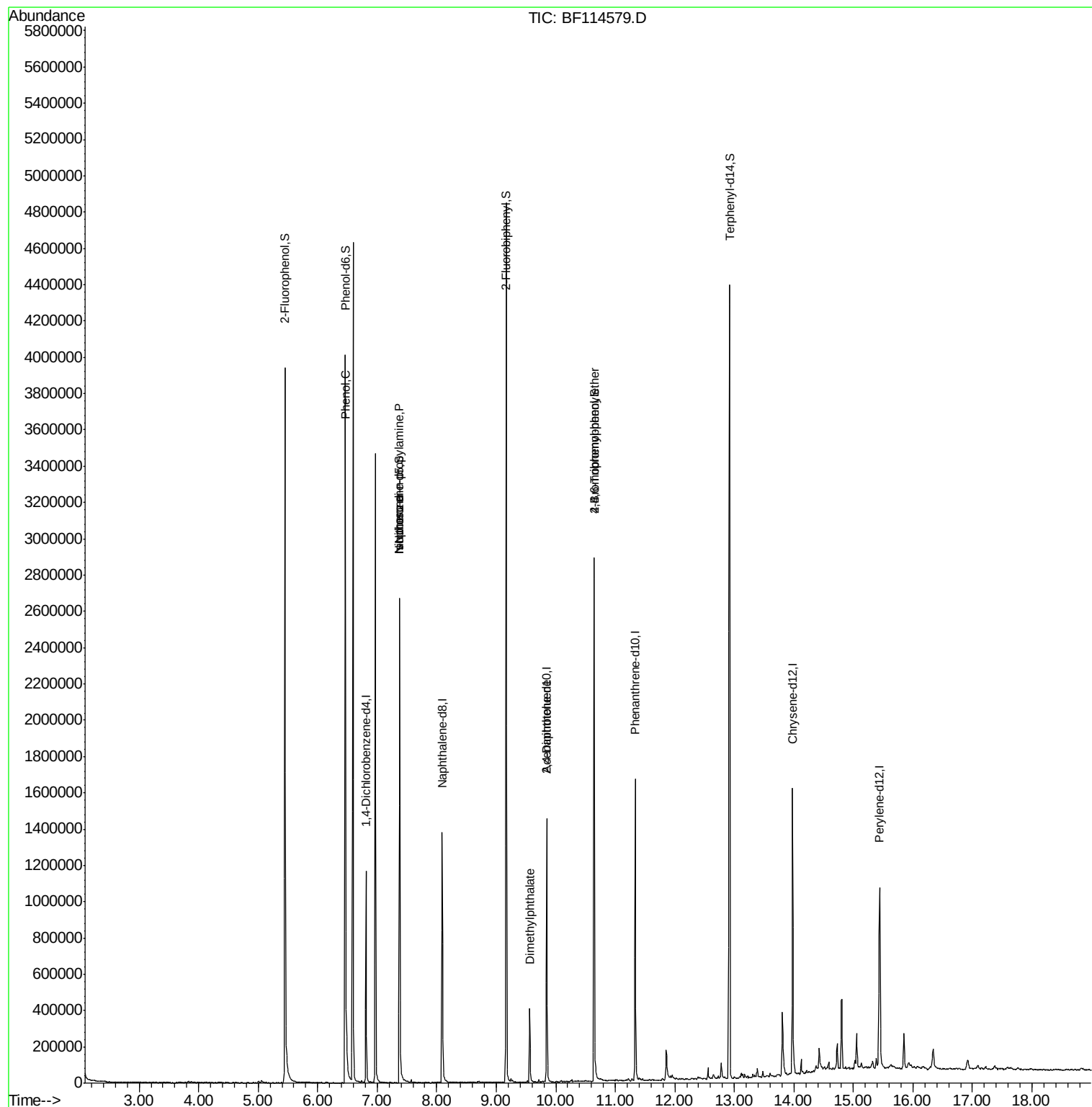
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169648	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	642851	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	303822	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	622837	20.00	ng	0.00
76) Chrysene-d12	13.98	240	505646	20.00	ng	0.00
87) Perylene-d12	15.44	264	479420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1168901	110.88	ng	0.00
7) Phenol-d6	6.46	99	1546097	124.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	909636	79.41	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	374050	119.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1495046	74.44	ng	0.00
79) Terphenyl-d14	12.92	244	1664486	67.86	ng	0.00
Target Compounds						
10) Phenol	6.47	94	29896	2.038	ng	85
19) n-Nitroso-di-n-propylamine	7.37	70	118132	14.948	ng	# 77
25) Isophorone	7.37	82	909690	42.820	ng	# 64
50) Dimethylphthalate	9.56	163	159982	7.173	ng	100
57) 2,4-Dinitrotoluene	9.85	165	38171	5.685	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	24186	3.527	ng	# 1

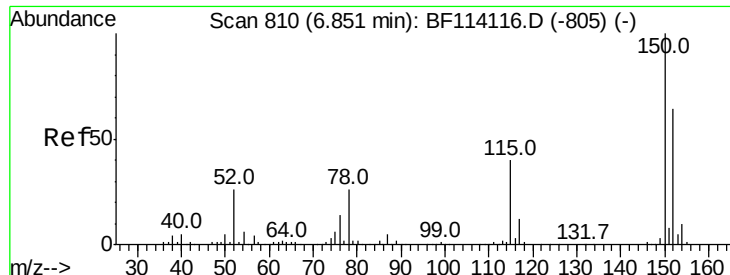
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



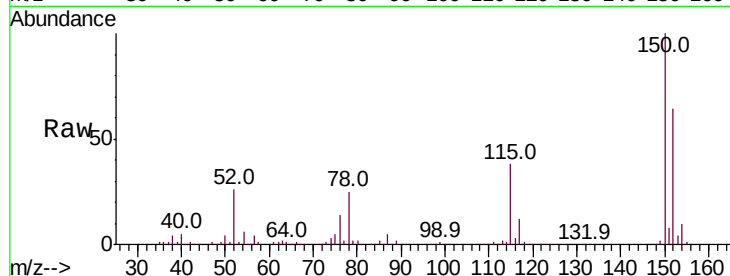


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	60.0	49.1	73.7

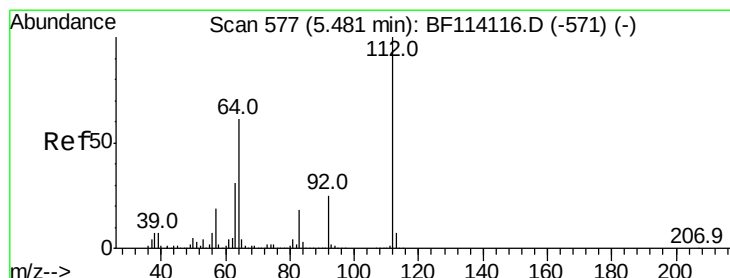
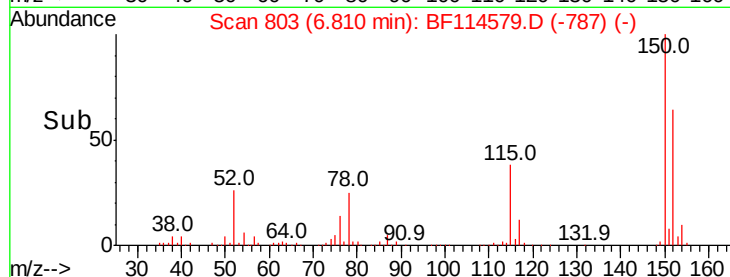
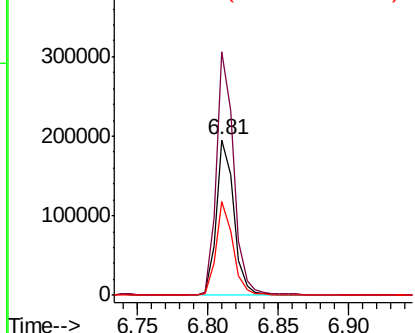


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

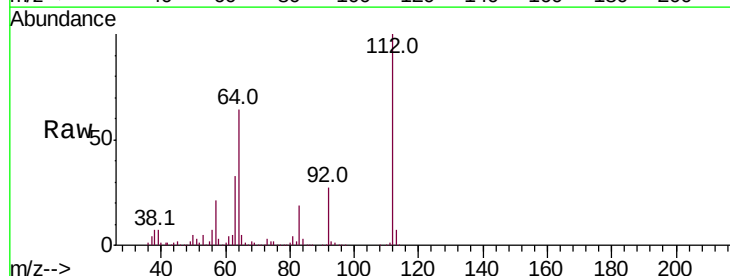
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.881 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.0	73.6
63	33.5	24.6	37.0

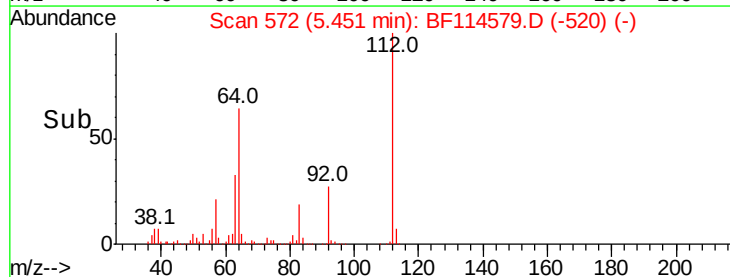
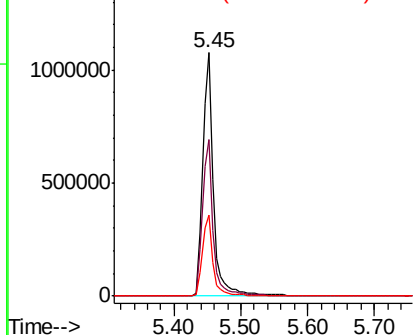


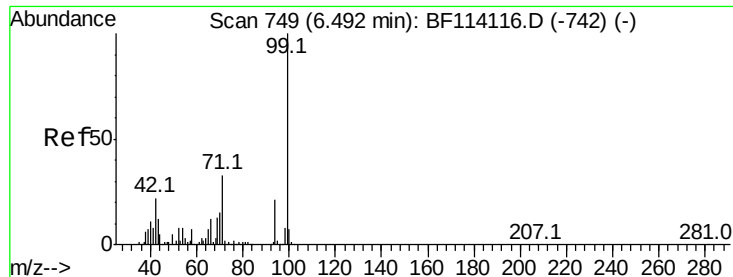
Abundance

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: 124.002 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114579.D

Acq: 24 May 2019 19:39

Instrument :

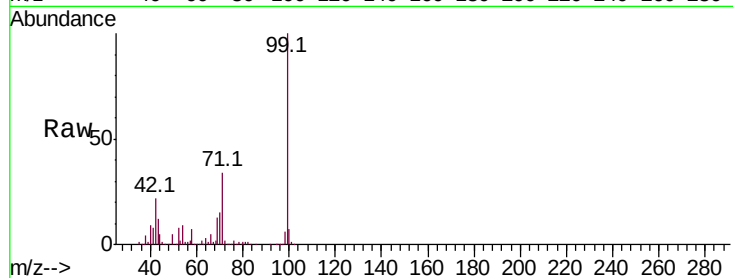
BNA_F

ClientSampleId :

TP-5-D

Tot Ion: 99 Resp: 1546097

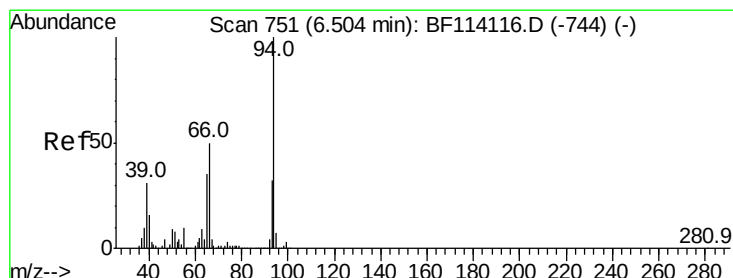
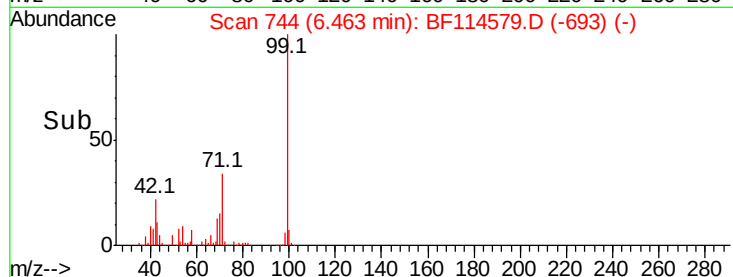
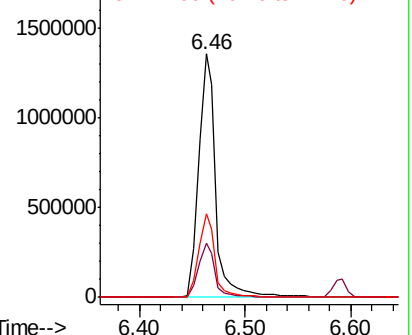
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	34.2	26.2	39.2



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



#10

Phenol

Concen: 2.038 ng

RT: 6.47 min Scan# 746

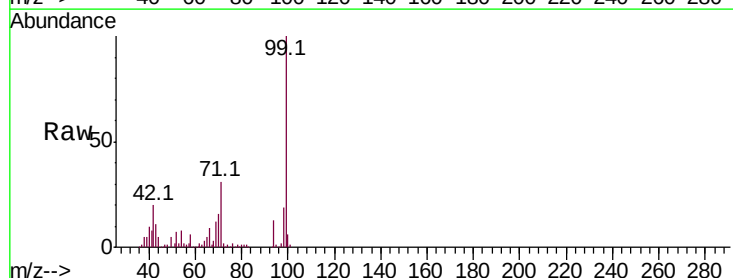
Delta R.T. -0.00 min

Lab File: BF114579.D

Acq: 24 May 2019 19:39

Tgt Ion: 94 Resp: 29896

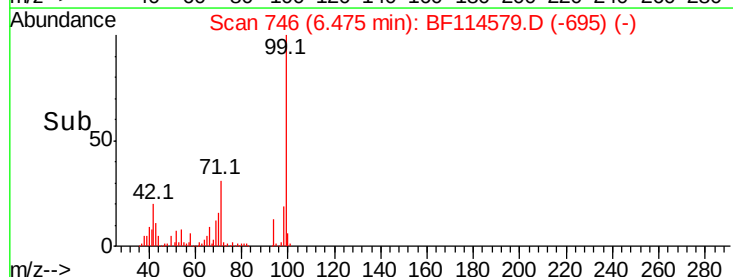
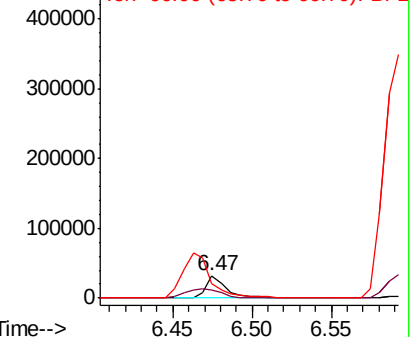
Ion	Ratio	Lower	Upper
94	100		
65	34.6	14.7	54.7
66	66.5	29.6	69.6

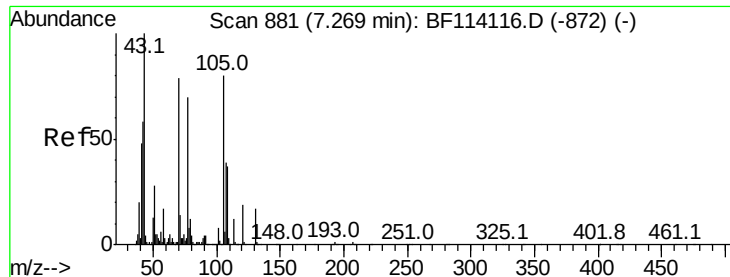


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

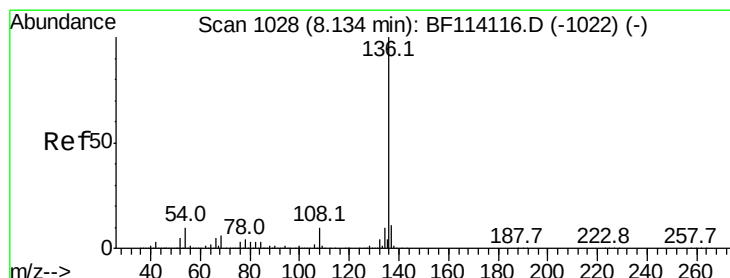
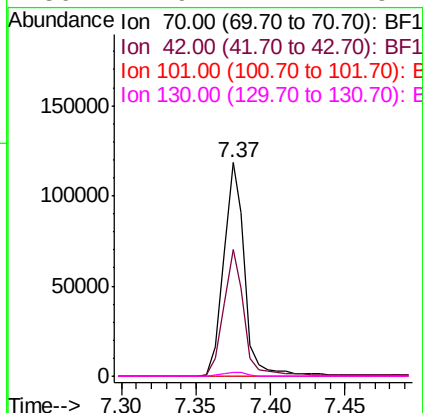
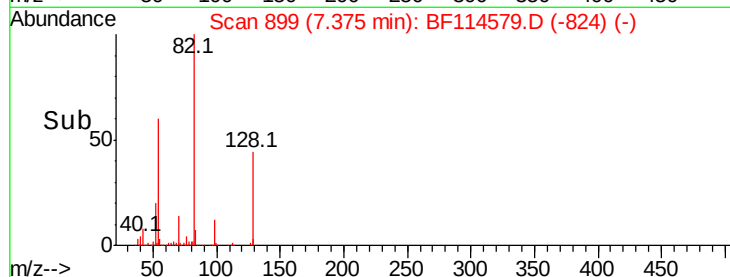
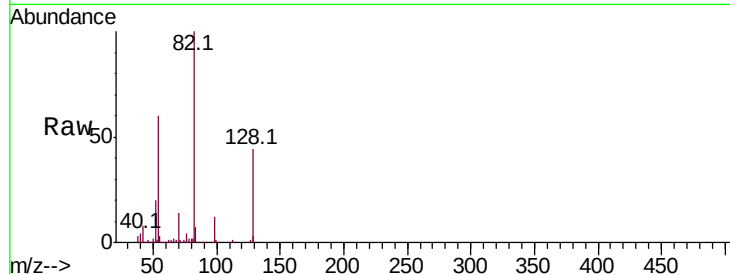




#19
n-Nitroso-di-n-propylamine
Concen: 14.948 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

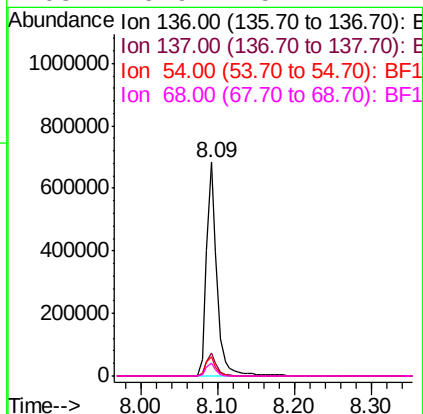
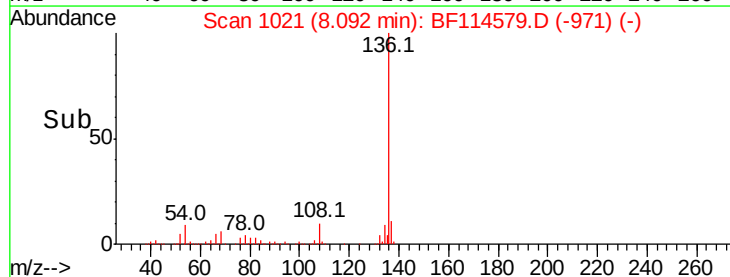
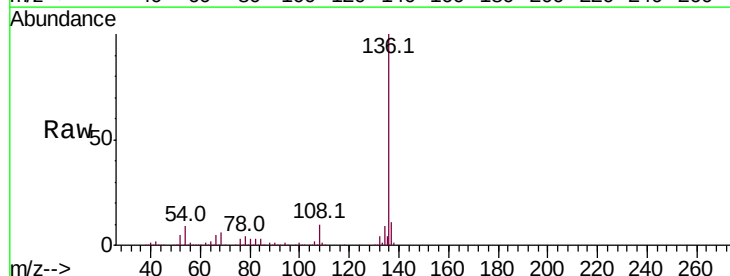
Instrument :
BNA_F
ClientSampleId :
TP-5-D

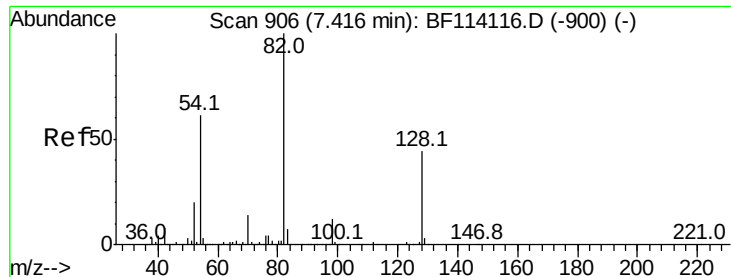
Tot Ion: 70 Resp: 118132
Ion Ratio Lower Upper
70 100
42 59.3 58.6 87.8
101 0.0 7.8 11.8#
130 1.9 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

Tgt Ion: 136 Resp: 642851
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.3 7.8 11.8
68 5.9 5.1 7.7

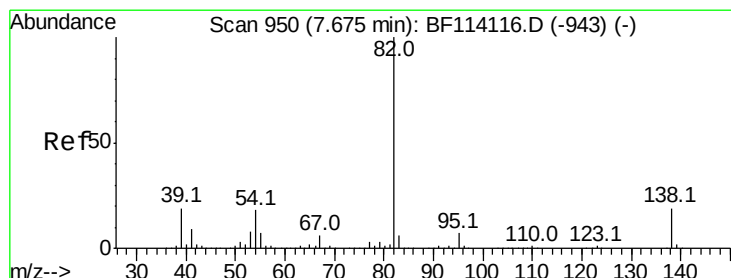
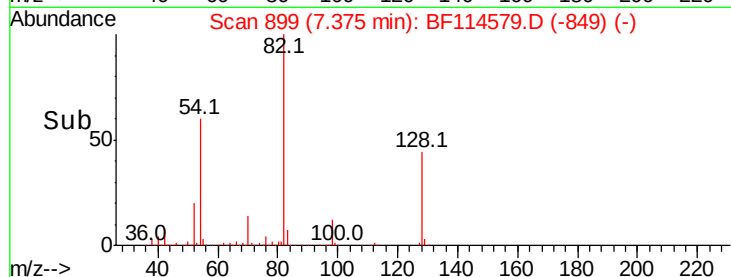
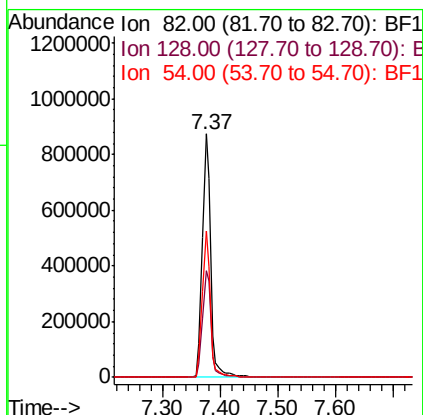
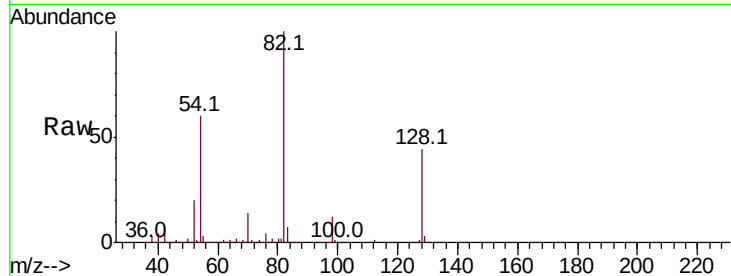




#23
 Nitrobenzene-d5
 Concen: 79.410 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

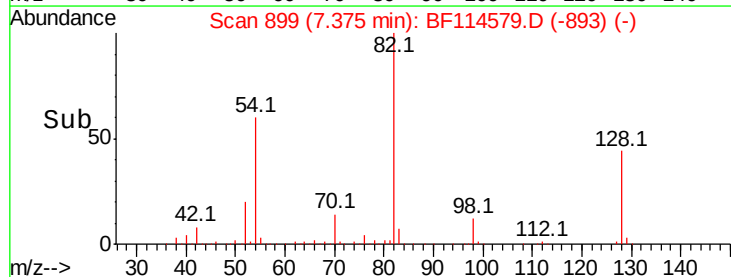
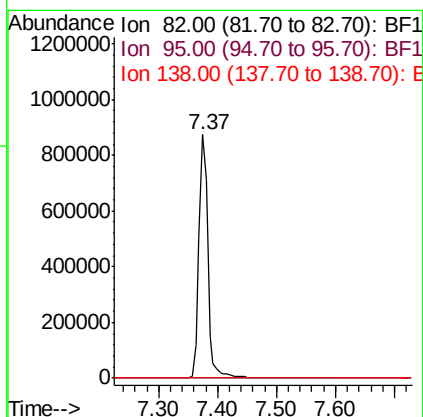
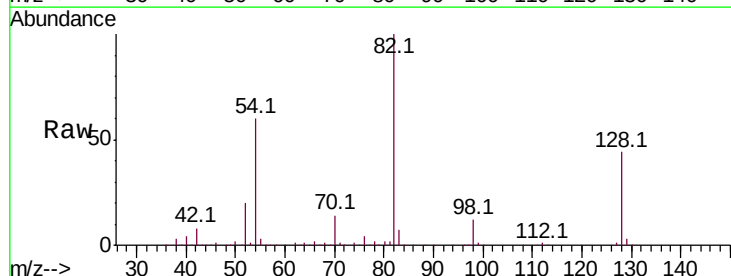
Instrument :
 BNA_F
 ClientSampled :
 TP-5-D

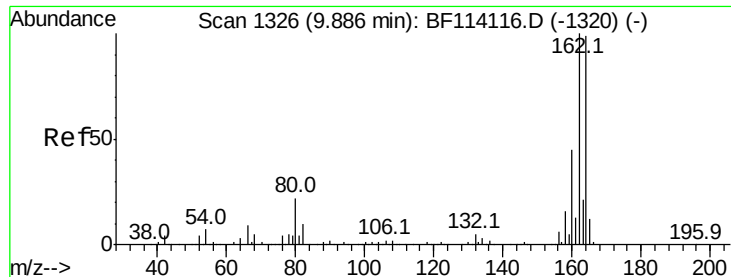
Tot Ion	82	Resp	909636
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.5	53.3
54	60.4	48.5	72.7



#25
 Isophorone
 Concen: 42.820 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

Tgt Ion	82	Resp	909690
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#

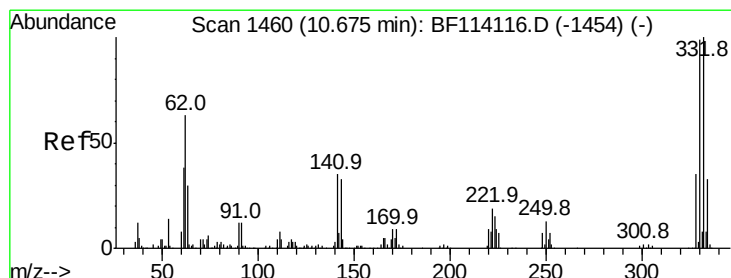
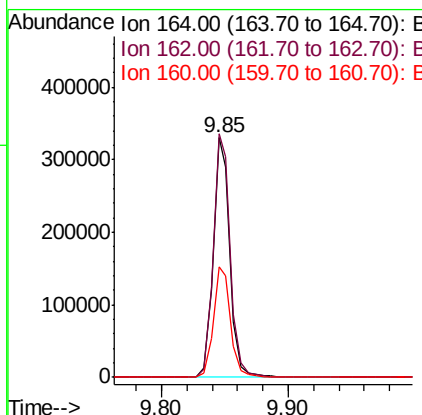
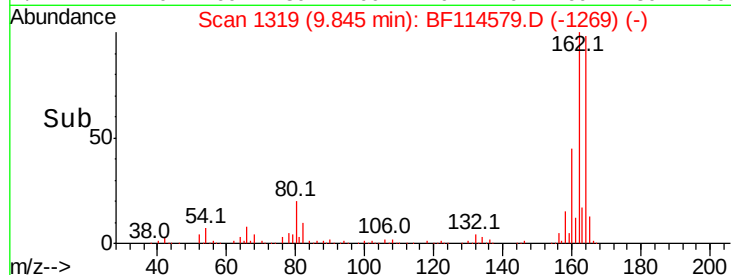
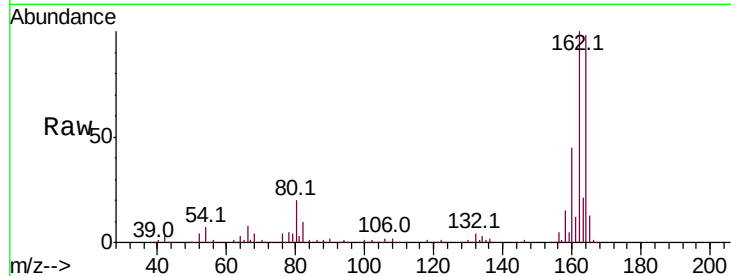




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

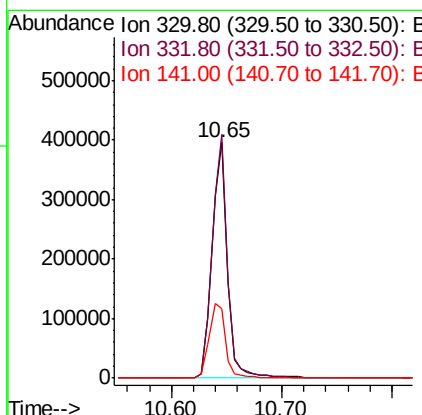
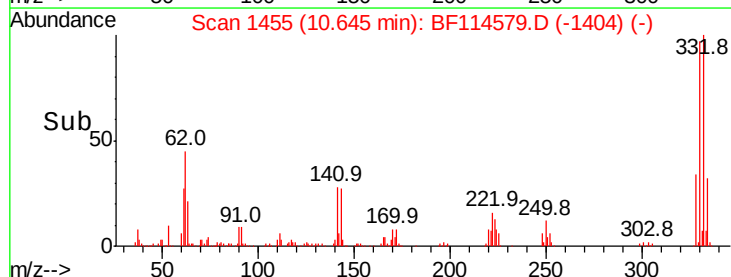
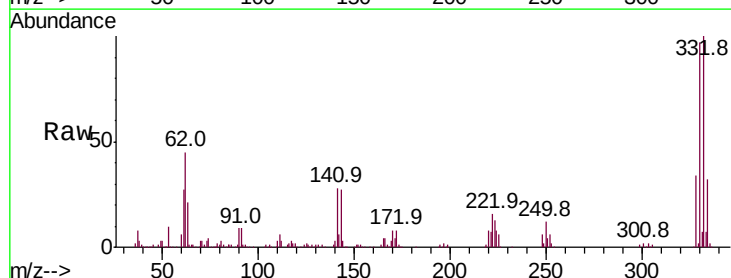
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

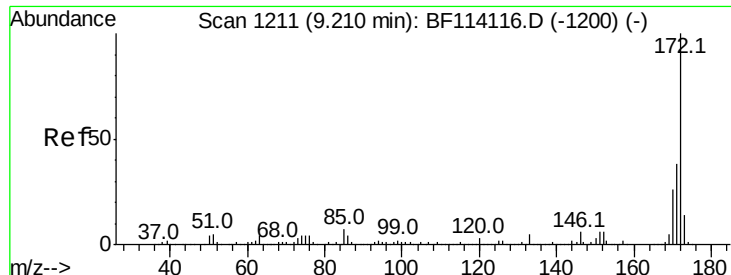
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.0	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 119.086 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.8	81.4	122.2
141	33.8	26.6	40.0



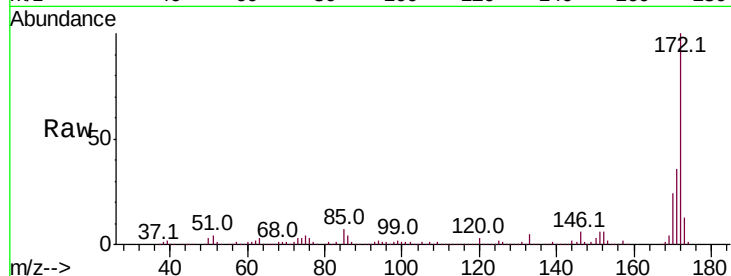


#45
 2-Fluorobiphenyl
 Concen: 74.435 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

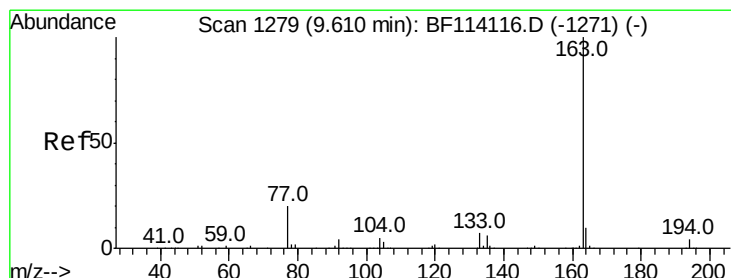
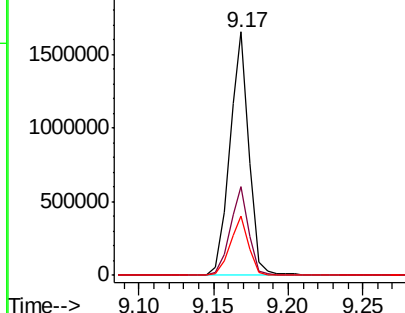
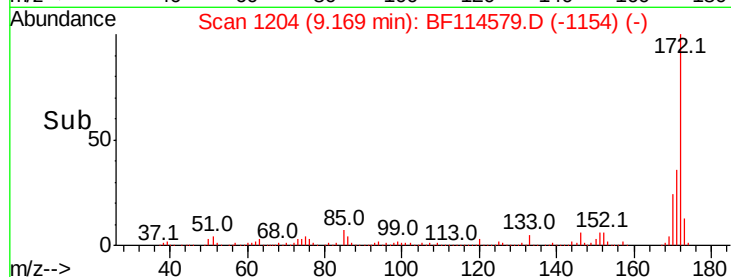
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tot Ion:172 Resp: 1495046

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.2	20.5	30.7



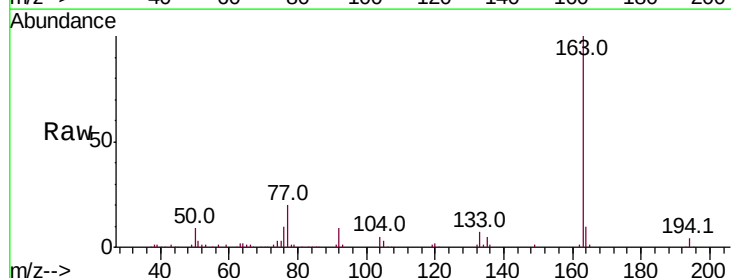
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



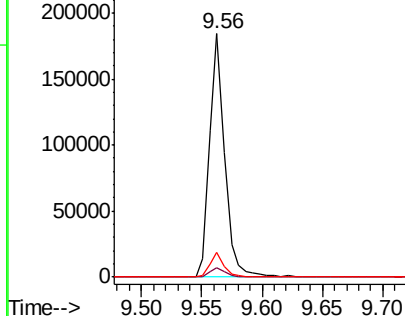
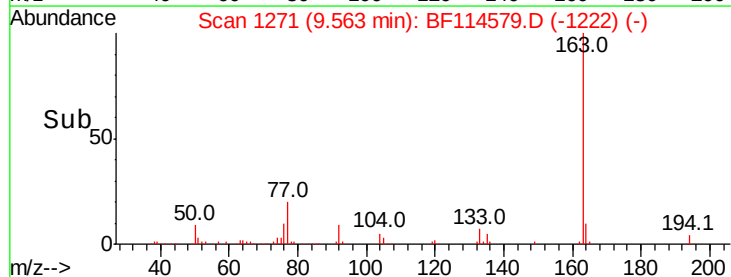
#50
 Dimethylphthalate
 Concen: 7.173 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

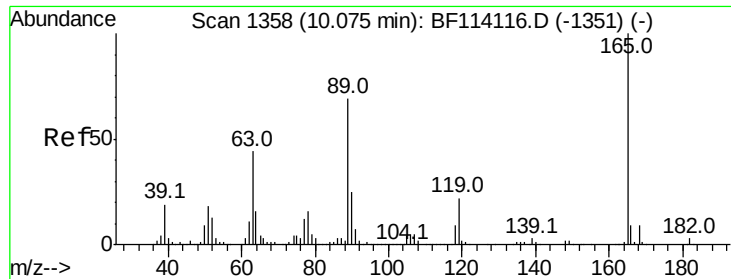
Tgt Ion:163 Resp: 159982

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

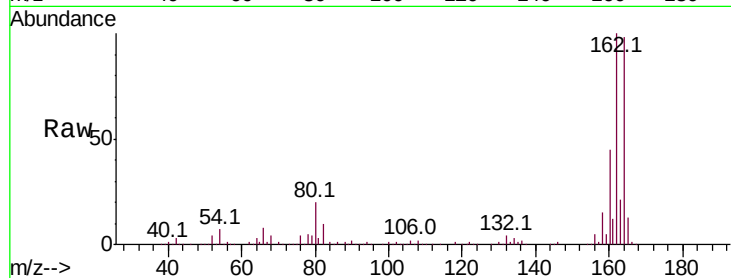




#57
 2,4-Dinitrotoluene
 Concen: 5.685 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-D

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#

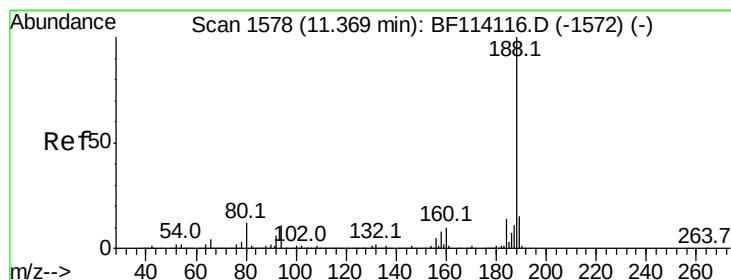
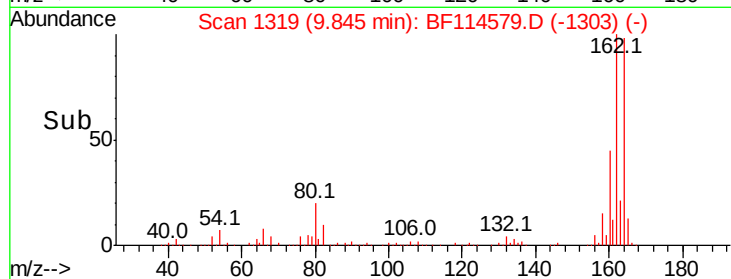
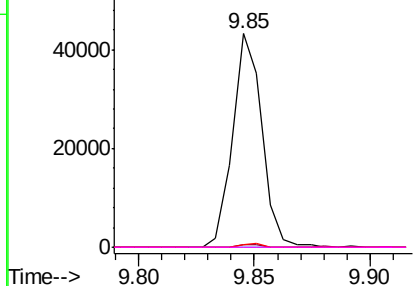


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

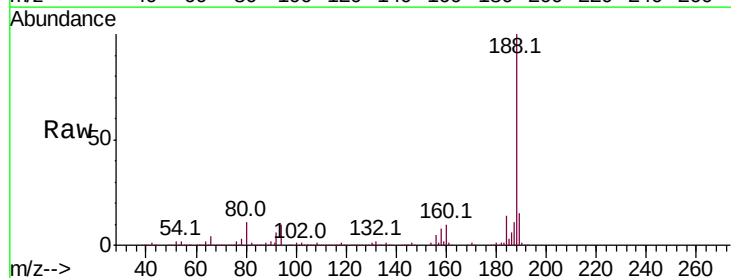
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF114579.D
 Acq: 24 May 2019 19:39

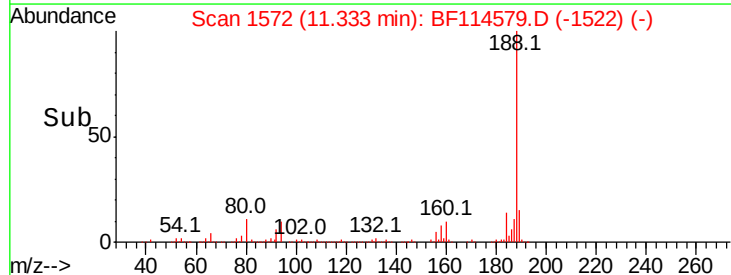
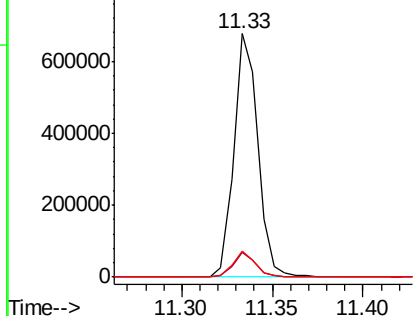
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.9	9.2	13.8

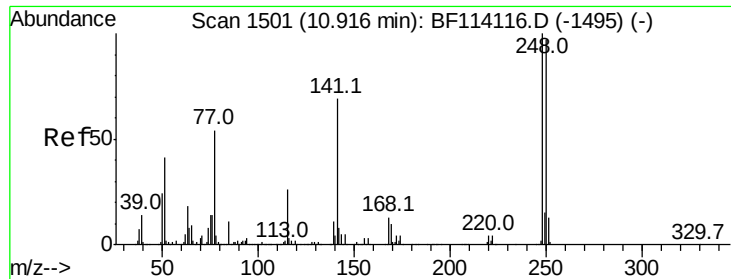


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

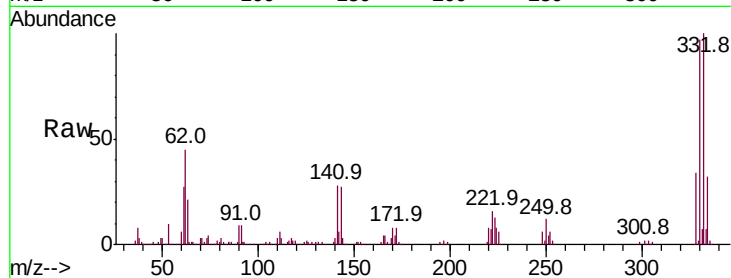




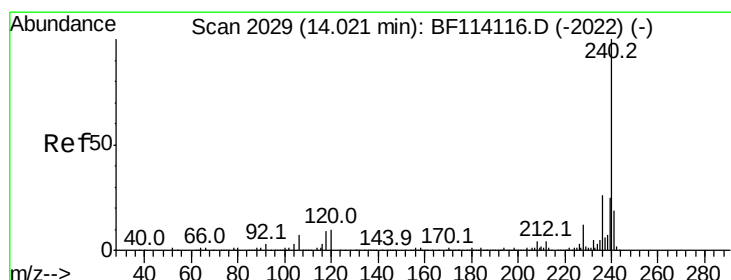
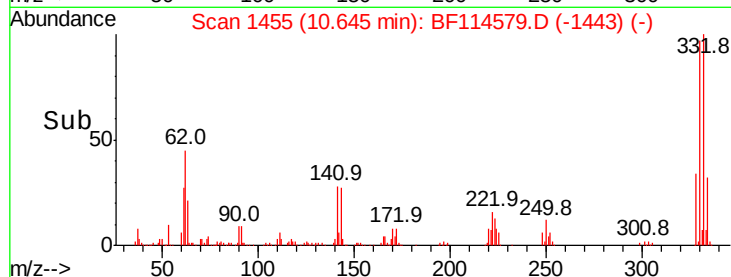
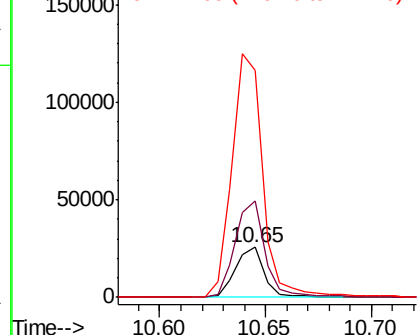
#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

Instrument :
BNA_F
ClientSampleId :
TP-5-D

Tot Ion:248 Resp: 24186
Ion Ratio Lower Upper
248 100
250 192.9 77.4 116.2#
141 453.9 55.6 83.4#

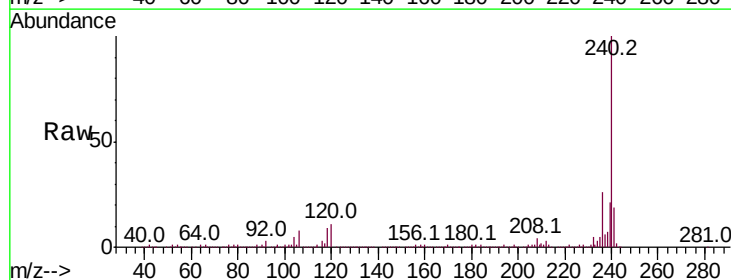


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

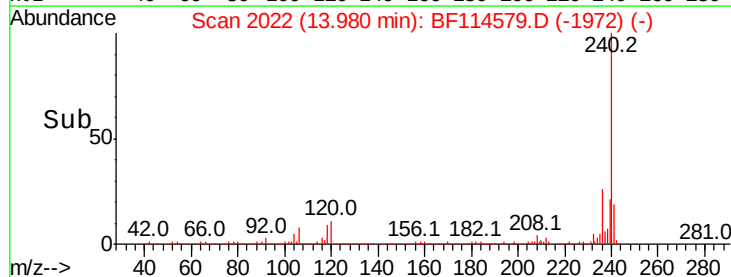
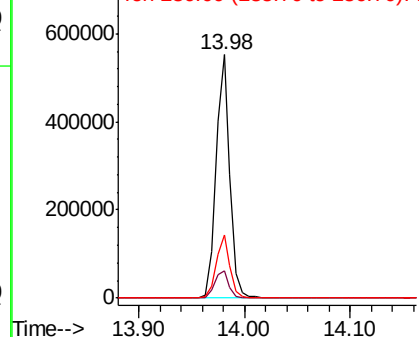


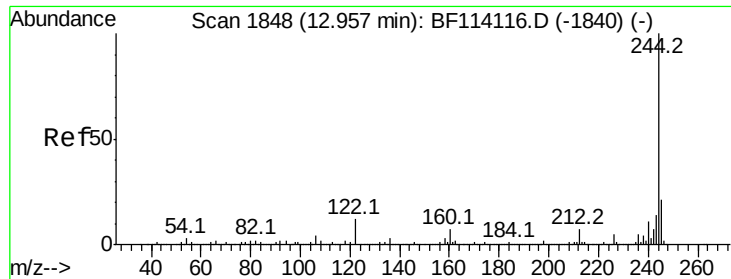
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114579.D
Acq: 24 May 2019 19:39

Tgt Ion:240 Resp: 505646
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 26.0 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: 67.858 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114579.D

Acq: 24 May 2019 19:39

Instrument :

BNA_F

ClientSampleId :

TP-5-D

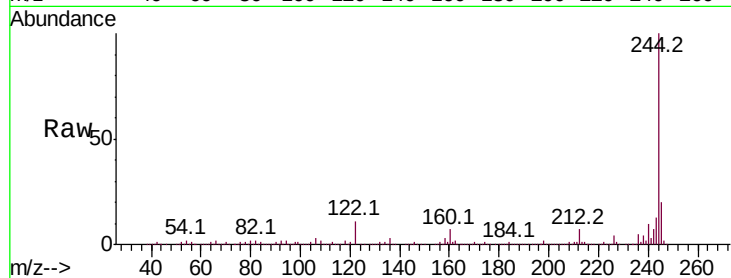
Tot Ion:244 Resp: 1664486

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

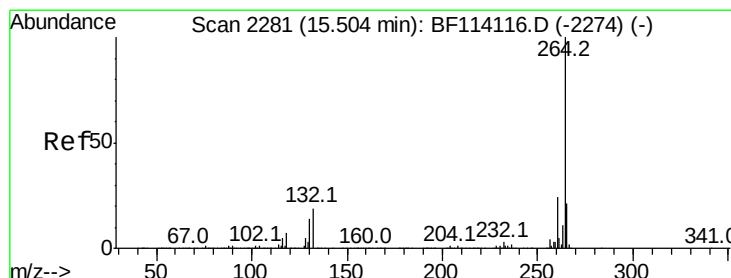
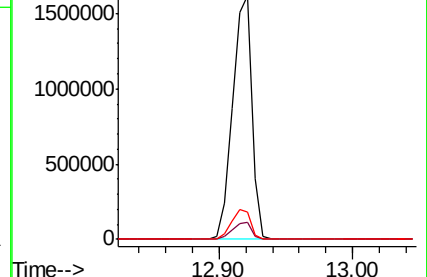
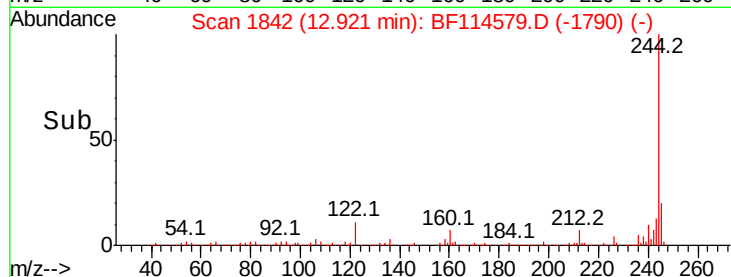
122 11.1 9.4 14.2



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114579.D

Acq: 24 May 2019 19:39

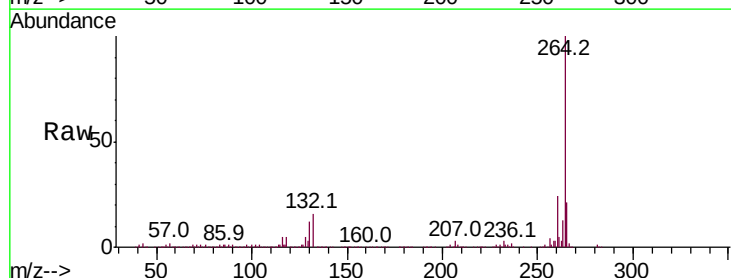
Tgt Ion:264 Resp: 479420

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.1 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

