

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116327.D
 Acq On : 16 Aug 2019 19:39
 Operator : HP/JU
 Sample : K4356-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 17 04:23:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

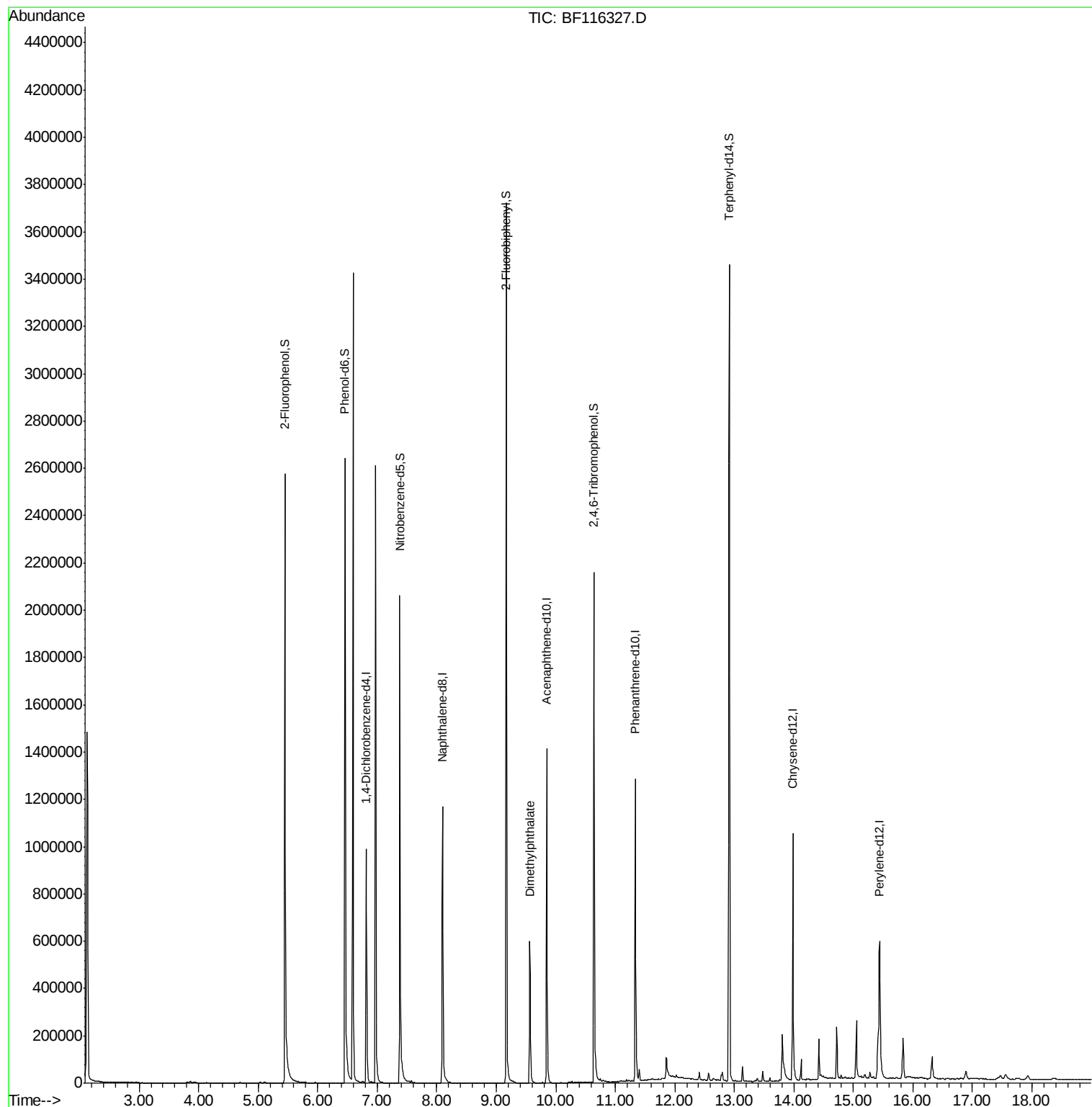
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	156025	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	603324	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	317980	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	541214	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	380907	20.00	ng	-0.03
87) Perylene-d12	15.44	264	342005	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	915471	98.22	ng	-0.02
7) Phenol-d6	6.46	99	1194248	101.56	ng	-0.03
23) Nitrobenzene-d5	7.38	82	757818	72.50	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	301504	97.80	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1195383	70.41	ng	-0.04
79) Terphenyl-d14	12.92	244	1184579	65.53	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	277713	12.827	ng	Qvalue 100

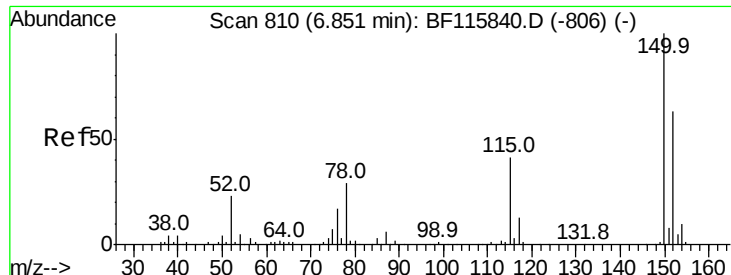
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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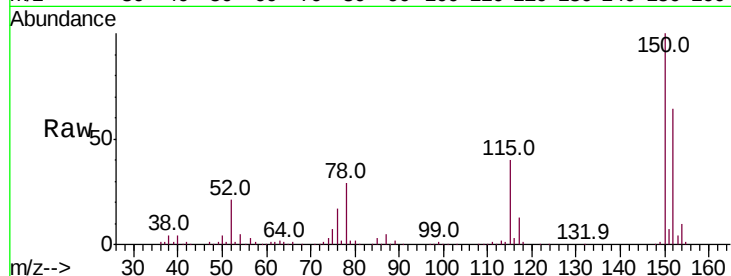


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116327.D
Acq: 16 Aug 2019 19:39

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	62.2	49.9	74.9

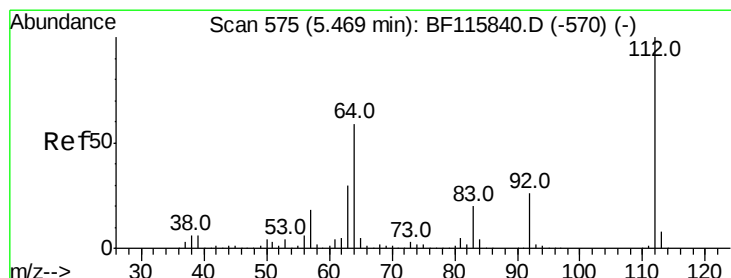
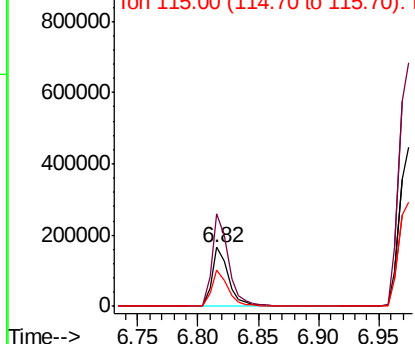
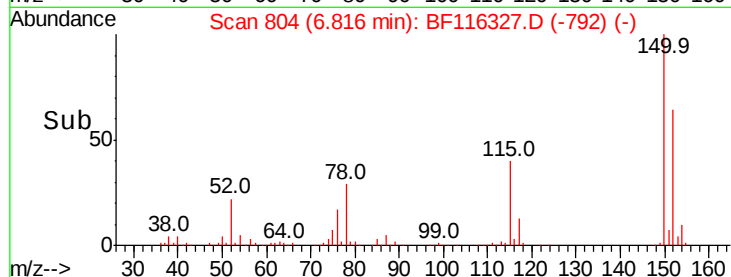


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

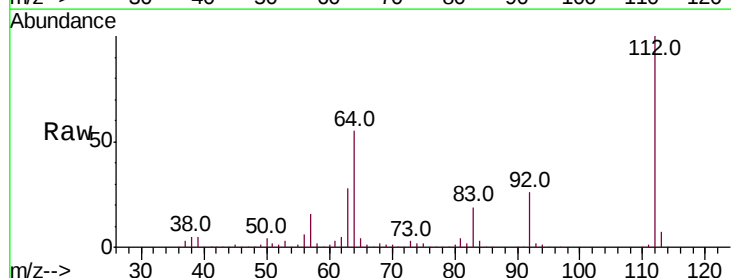
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.225 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF116327.D
Acq: 16 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.4	68.2
63	28.5	23.7	35.5

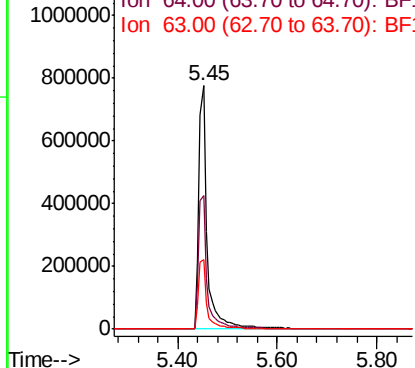
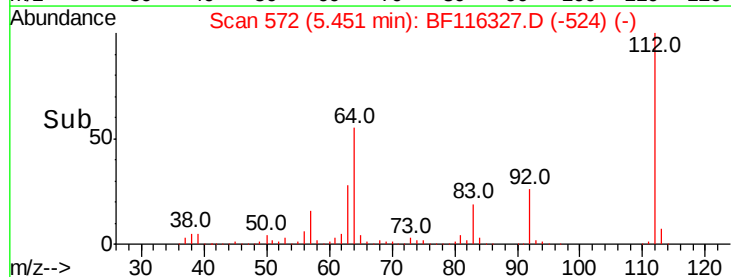


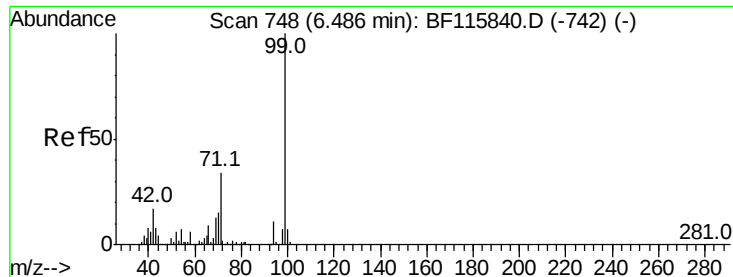
Abundance

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: 101.560 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116327.D

Acq: 16 Aug 2019 19:39

Instrument :

BNA_F

ClientSampleId :

TP-5

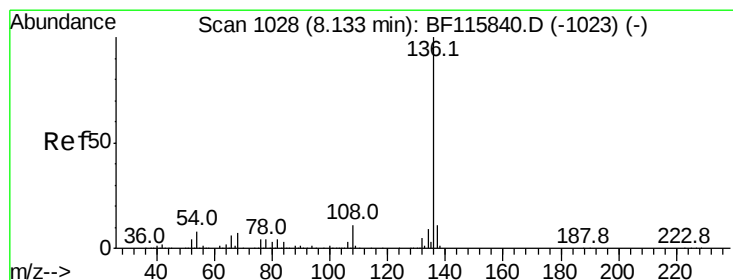
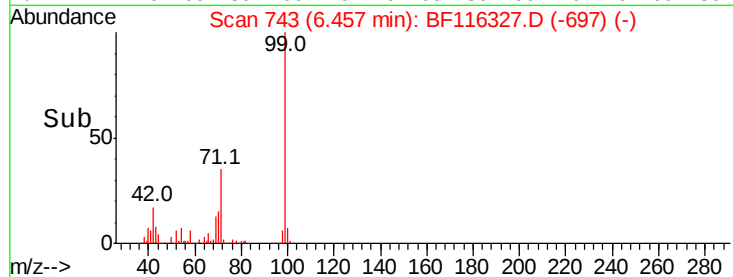
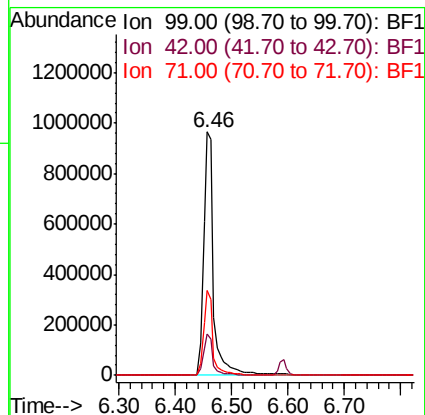
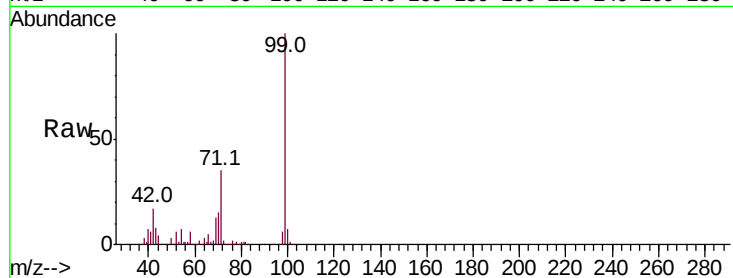
Tot Ion: 99 Resp: 1194248

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

71 34.7 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116327.D

Acq: 16 Aug 2019 19:39

Tgt Ion: 136 Resp: 603324

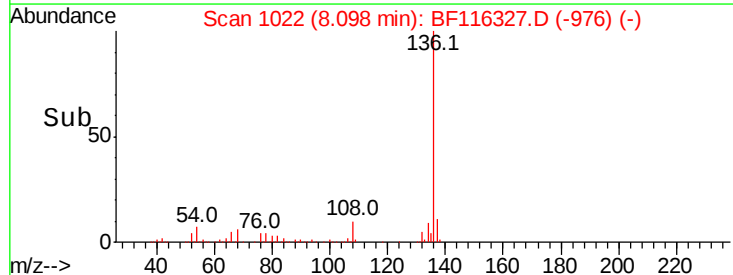
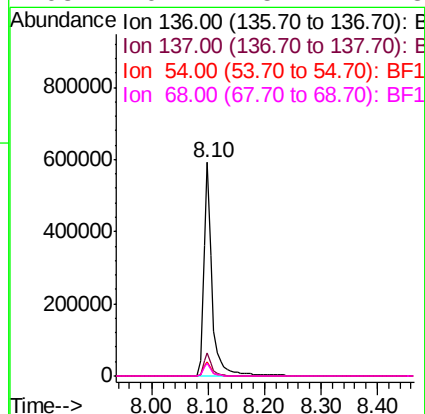
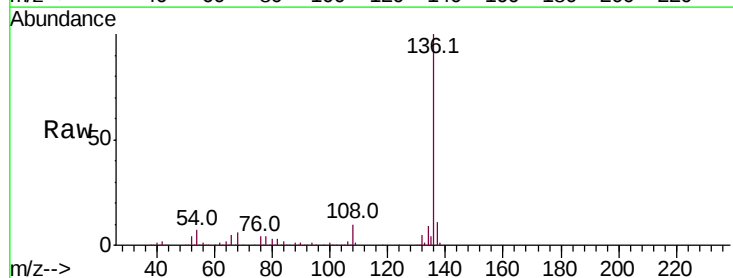
Ion Ratio Lower Upper

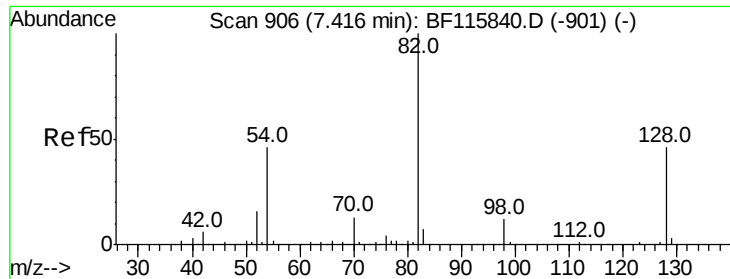
136 100

137 10.9 9.0 13.4

54 6.8 5.8 8.6

68 6.2 5.2 7.8

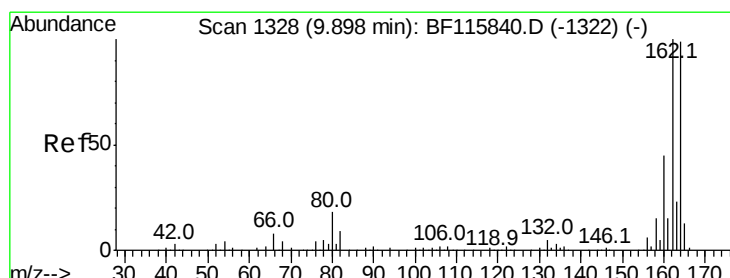
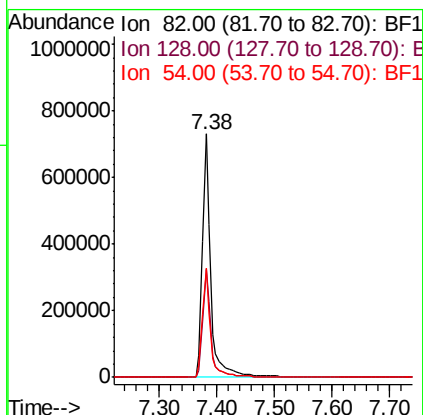
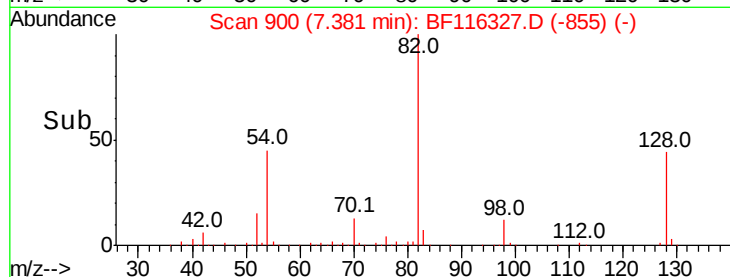
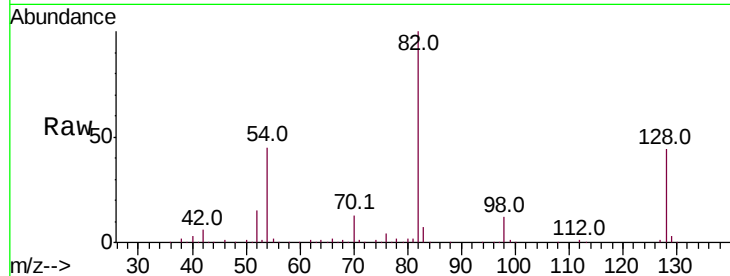




#23
 Nitrobenzene-d5
 Concen: 72.504 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

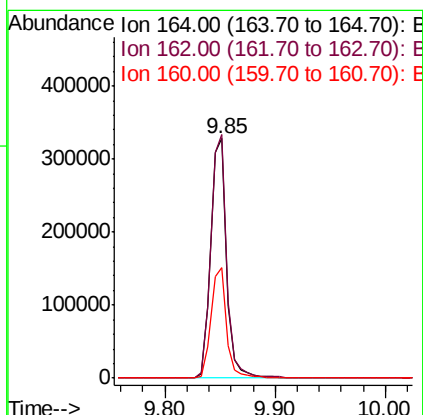
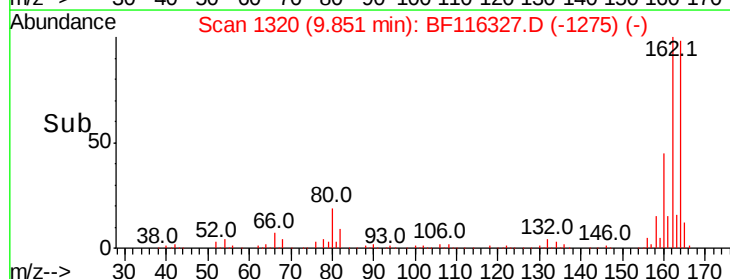
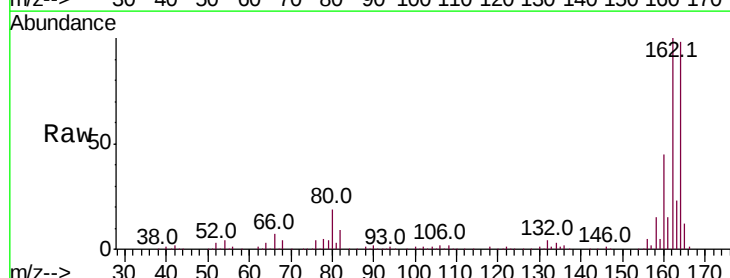
Instrument :
 BNA_F
 ClientSampled :
 TP-5

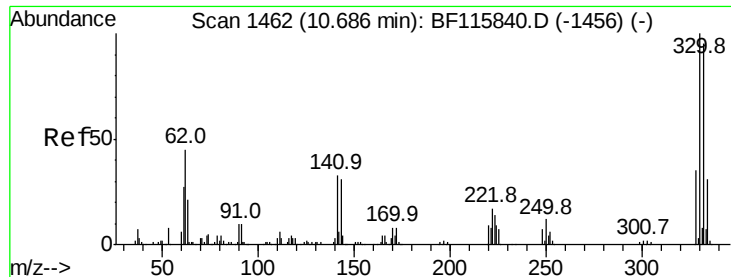
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.5	54.7
54	45.0	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	124.0
160	46.1	37.6	56.4

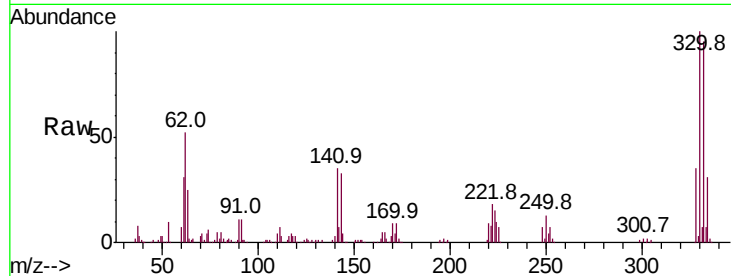




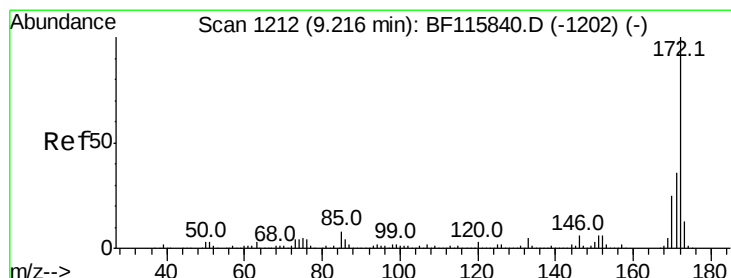
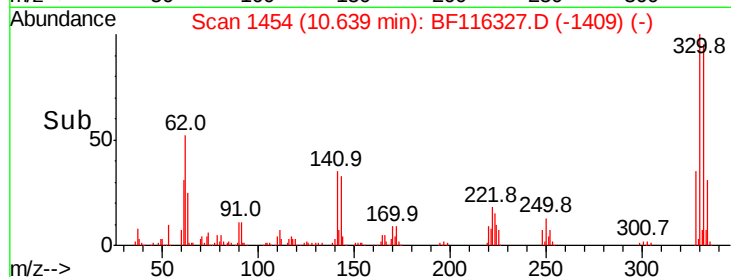
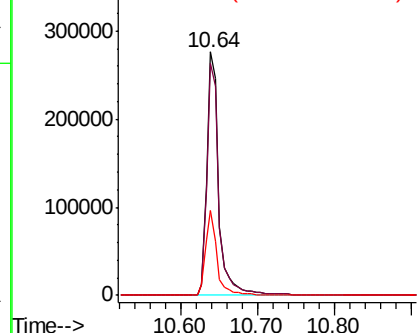
#42
 2,4,6-Tribromophenol
 Concen: 97.799 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	33.8	26.3	39.5

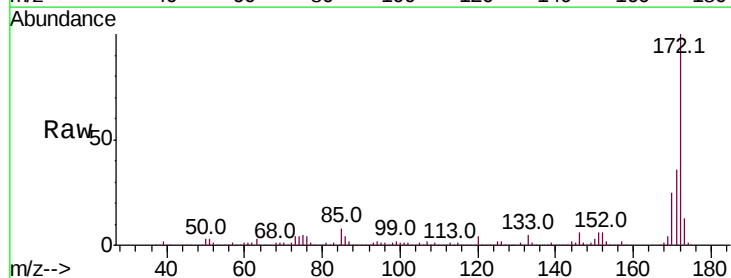


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

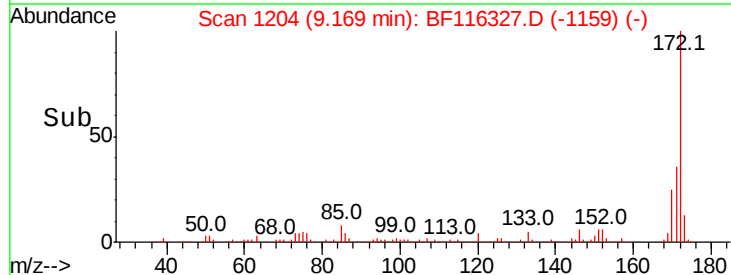
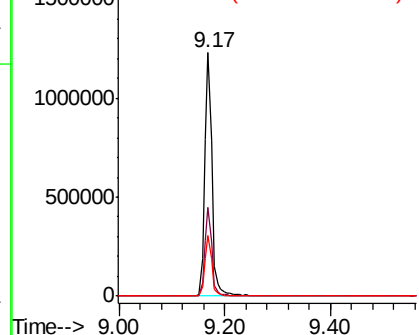


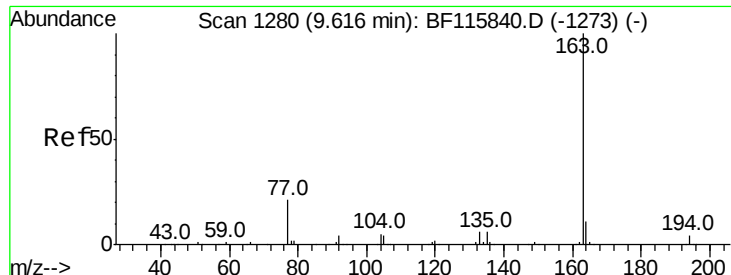
#45
 2-Fluorobiphenyl
 Concen: 70.415 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	20.1	30.1



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

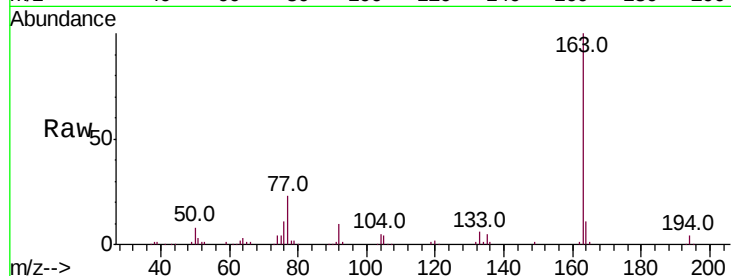




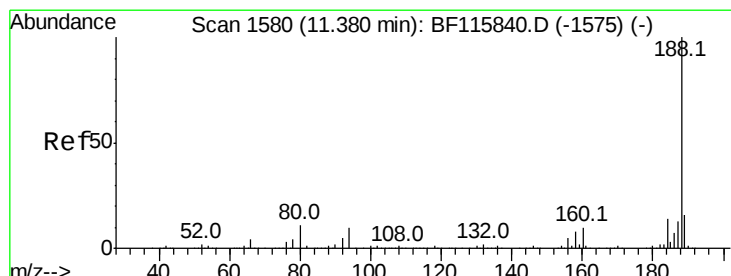
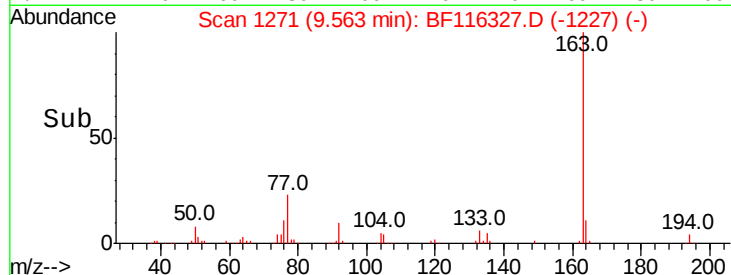
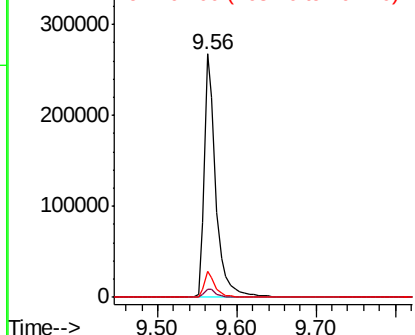
#50
 Dimethylphthalate
 Concen: 12.827 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:163 Resp: 277713
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.6
 164 10.5 8.4 12.6

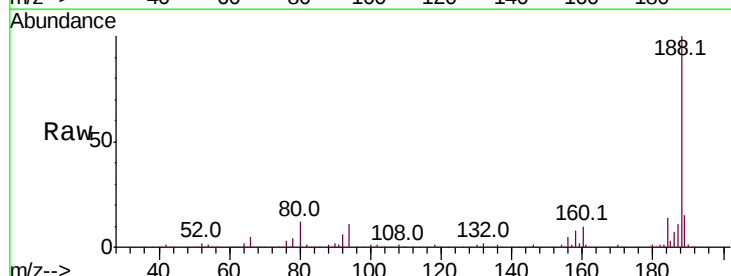


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

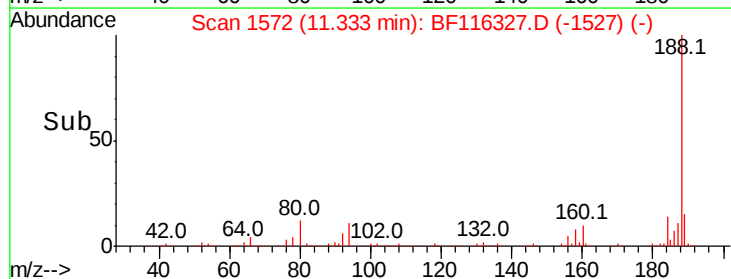
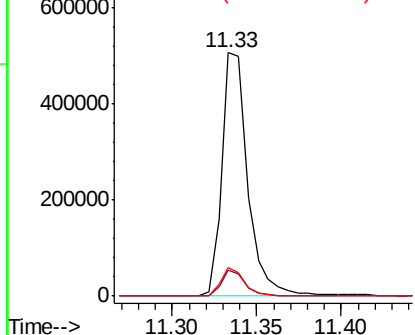


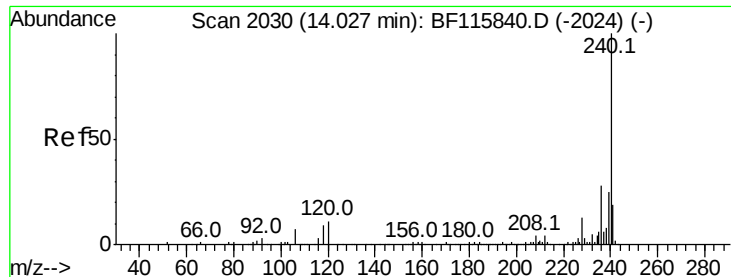
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Tgt Ion:188 Resp: 541214
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.1 12.1
 80 11.9 8.7 13.1



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

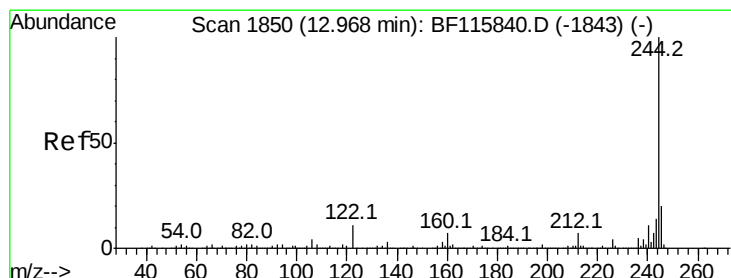
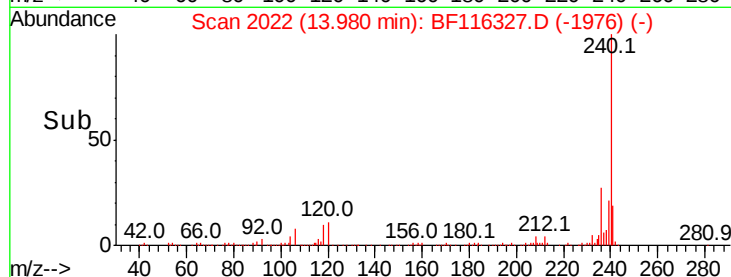
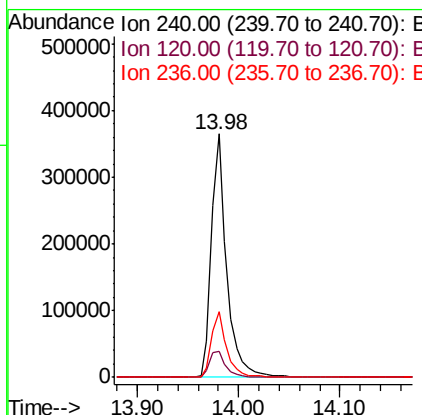
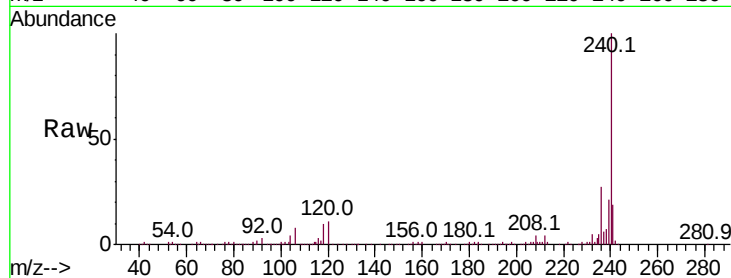




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

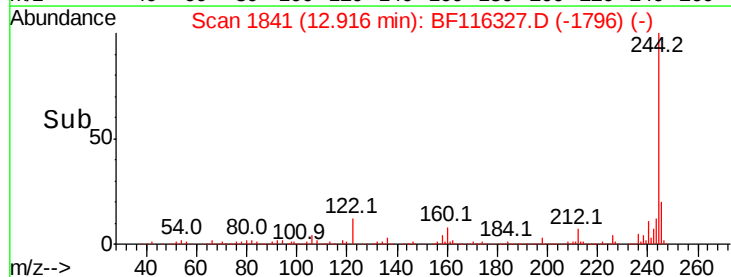
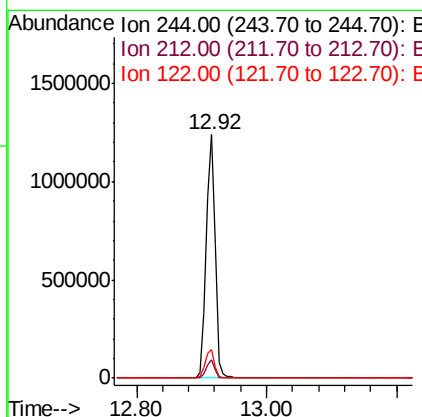
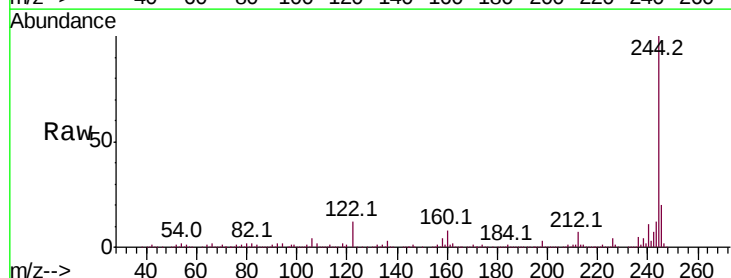
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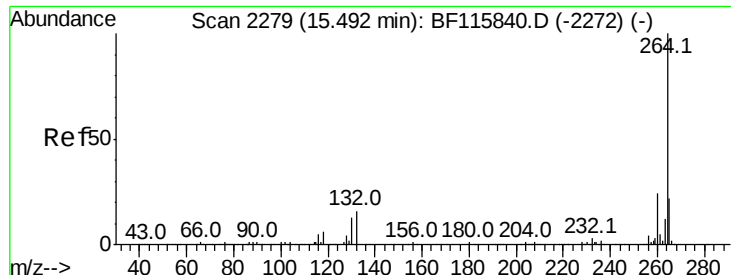
Tot Ion:240 Resp: 380907
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.7 16.1
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 65.531 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Tgt Ion:244 Resp: 1184579
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.8 9.0 13.4

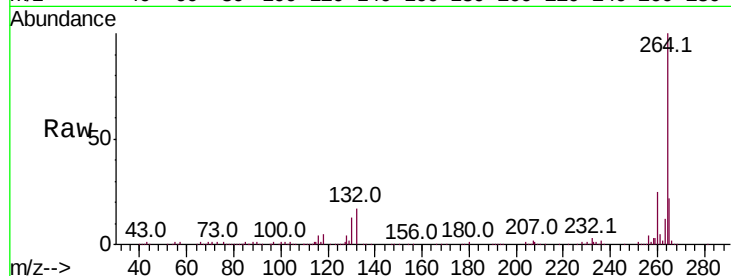




#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116327.D
 Acq: 16 Aug 2019 19:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.5	17.4	26.0



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

