

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116642.D
 Acq On : 29 Aug 2019 3:45
 Operator : HP/JU
 Sample : K4086-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082619

Quant Time: Aug 29 04:58:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

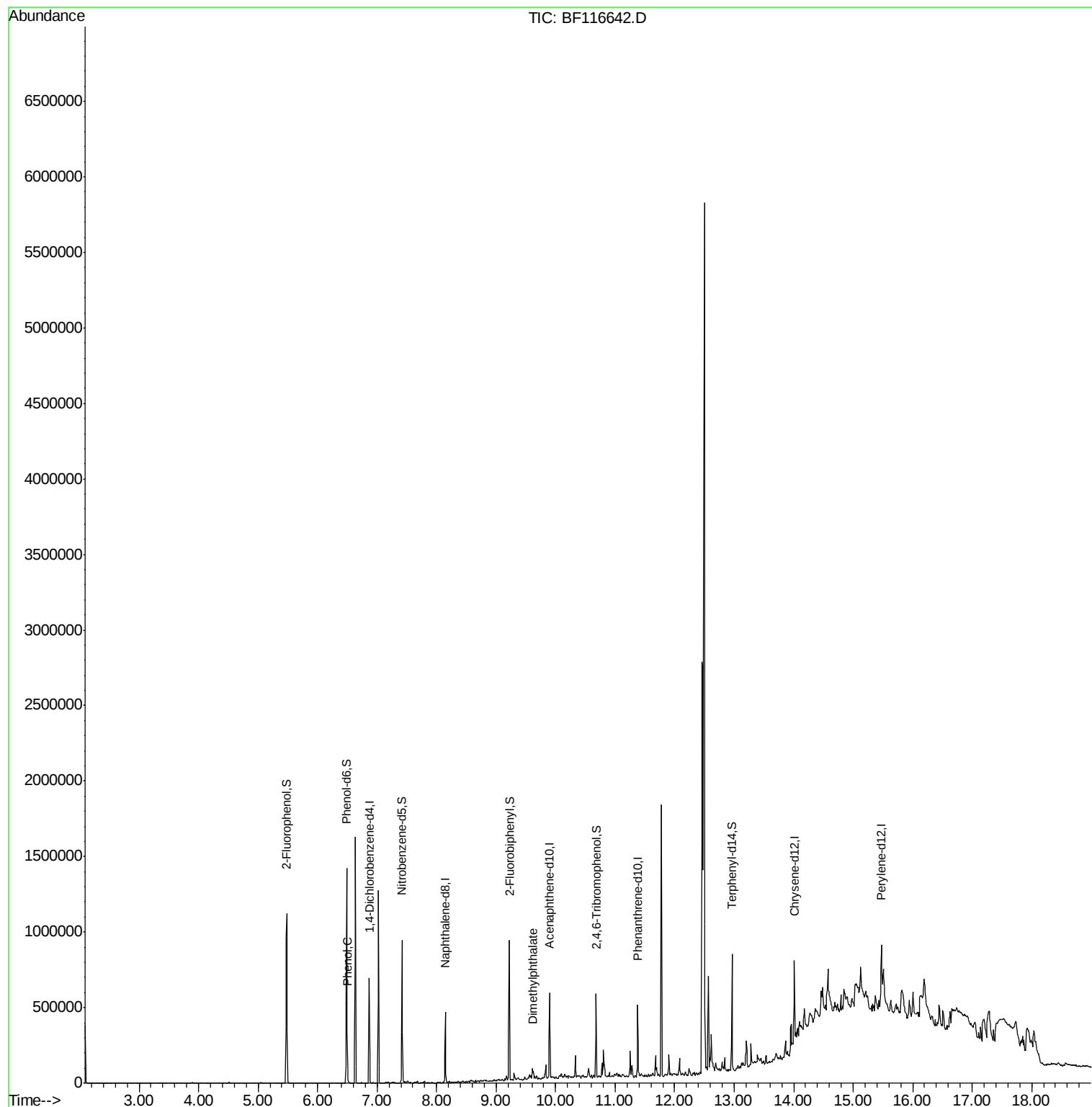
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	102644	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	185872	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	97805	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	145723	20.00	ng	0.00
76) Chrysene-d12	14.01	240	158855	20.00	ng	0.00
87) Perylene-d12	15.47	264	152242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	302932	50.98	ng	0.00
7) Phenol-d6	6.49	99	473671	58.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	274530	84.51	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	50748	54.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	265977	45.26	ng	0.00
79) Terphenyl-d14	12.96	244	221401	22.67	ng	0.00
Target Compounds						
10) Phenol	6.50	94	22236	2.516	ng	96
50) Dimethylphthalate	9.61	163	17464	2.656	ng	99

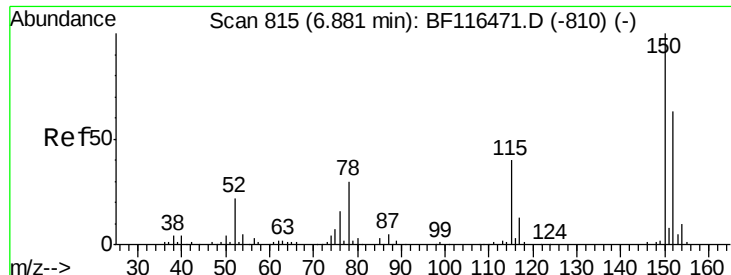
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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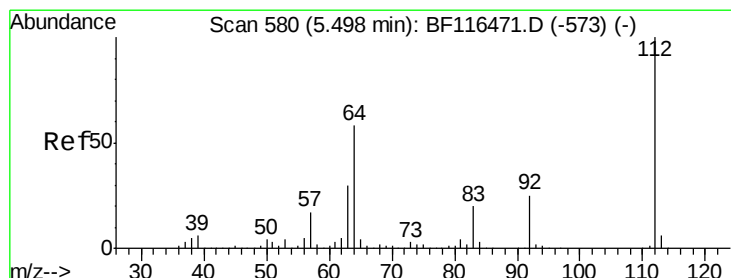
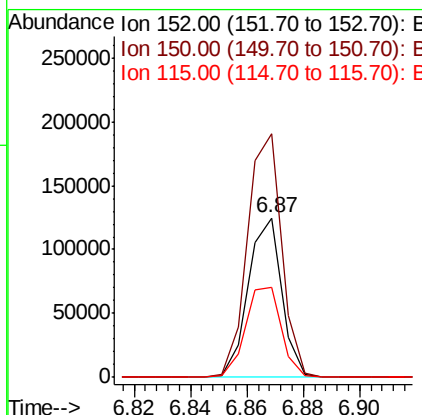
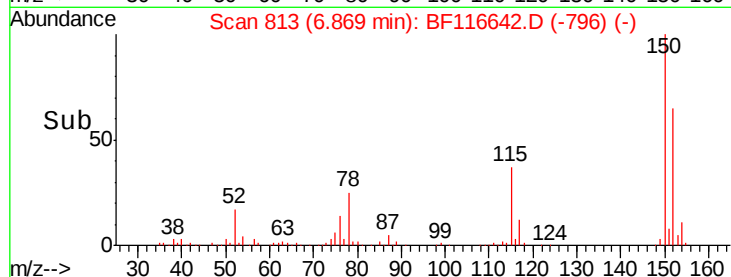
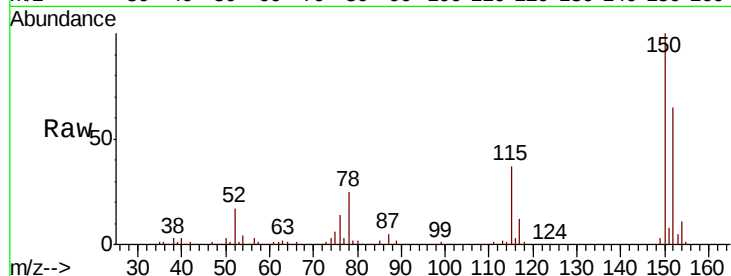




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

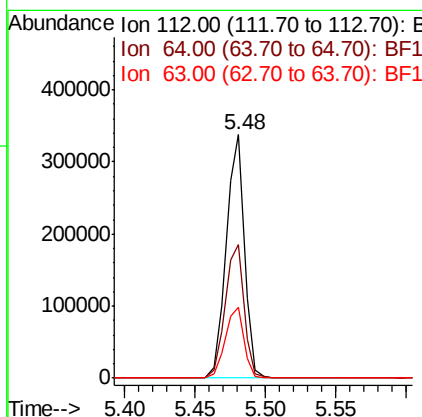
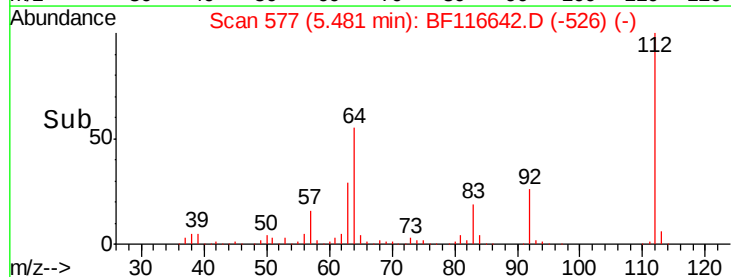
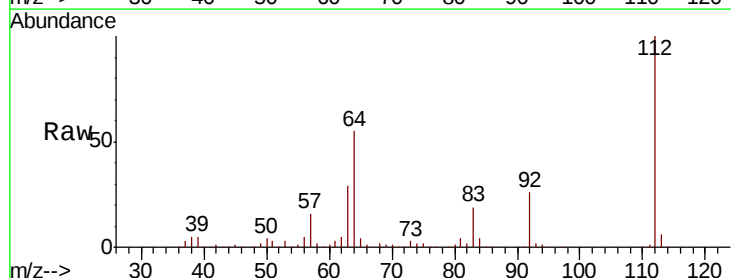
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082619

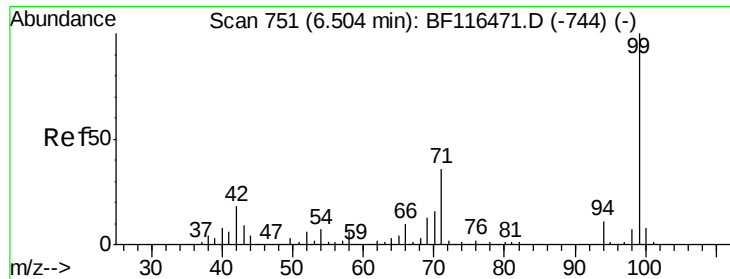
Tot Ion:152 Resp: 102644
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.4 185.2
 115 56.2 48.2 72.2



#5
 2-Fluorophenol
 Concen: 50.975 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

Tgt Ion:112 Resp: 302932
 Ion Ratio Lower Upper
 112 100
 64 55.0 48.0 72.0
 63 29.2 24.6 36.8





#7

Phenol-d6

Concen: 58.792 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116642.D

Acq: 29 Aug 2019 3:45

Instrument :

BNA_F

ClientSampleId :

NB-07-082619

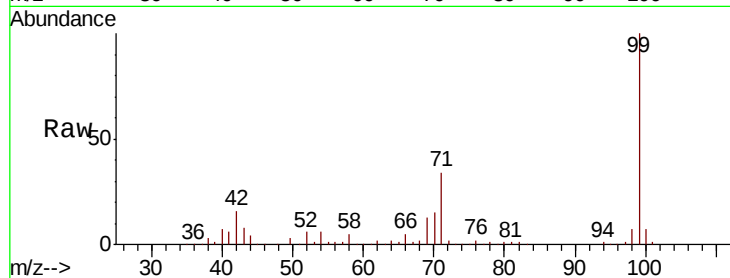
Tot Ion: 99 Resp: 473671

Ion Ratio Lower Upper

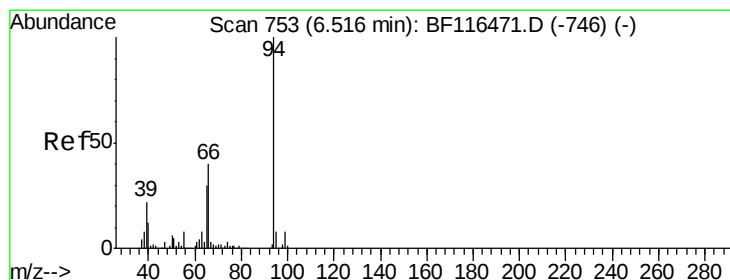
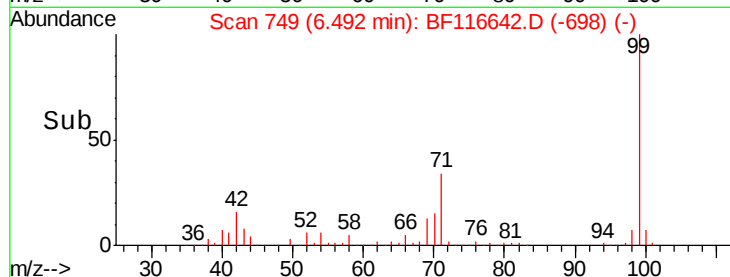
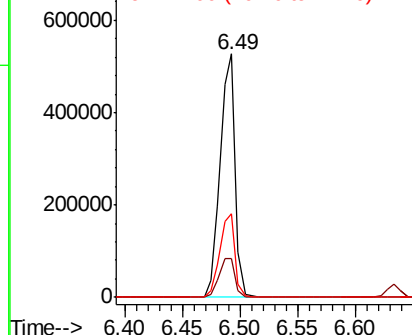
99 100

42 16.0 13.2 19.8

71 34.1 27.4 41.2



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: 2.516 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116642.D

Acq: 29 Aug 2019 3:45

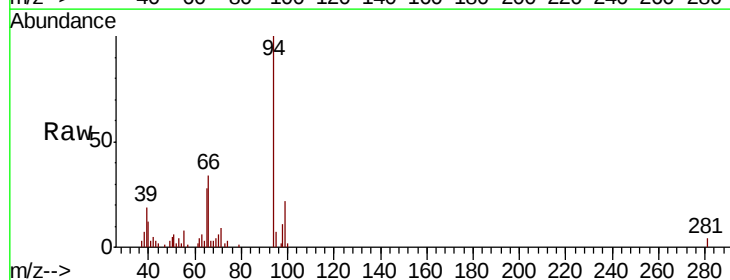
Tgt Ion: 94 Resp: 22236

Ion Ratio Lower Upper

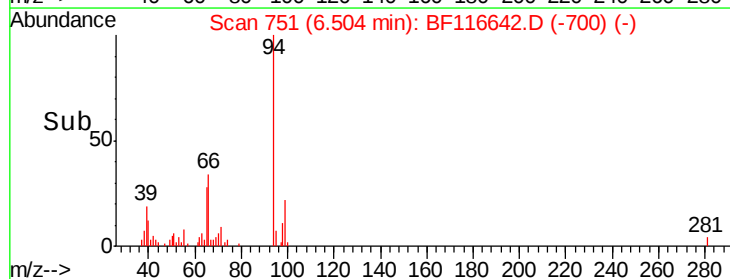
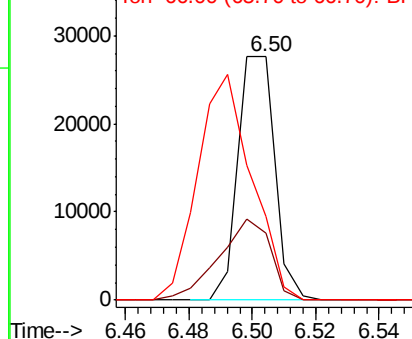
94 100

65 27.6 8.6 48.6

66 34.1 18.0 58.0



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

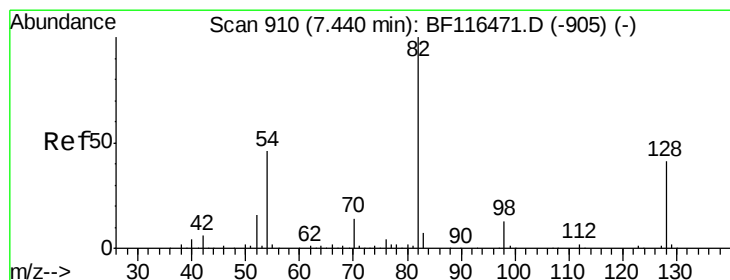
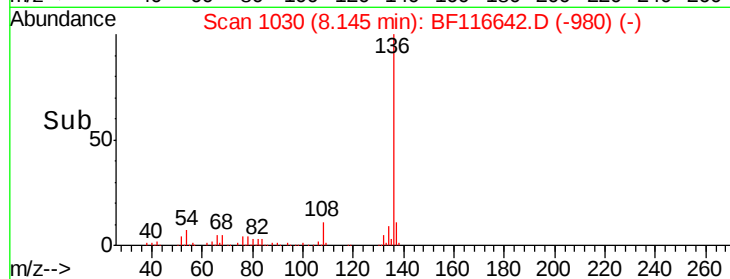
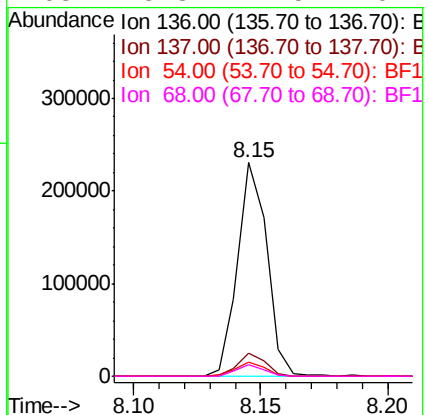
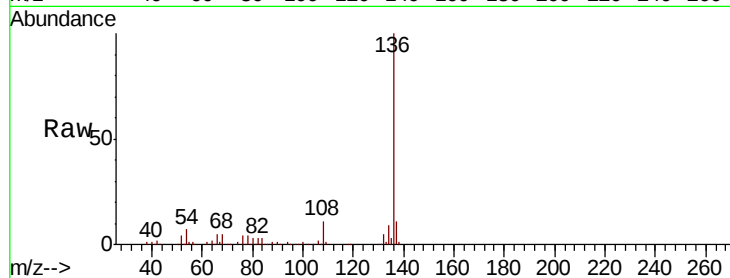




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

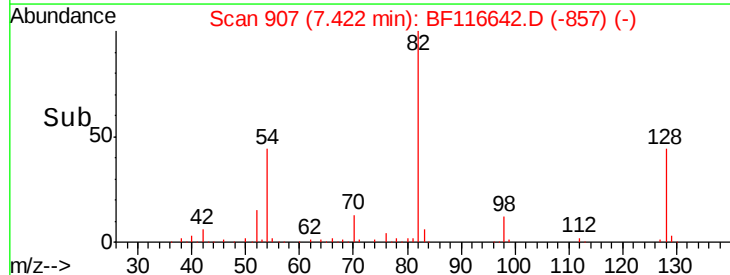
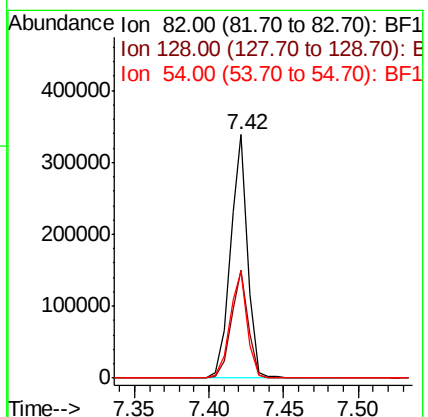
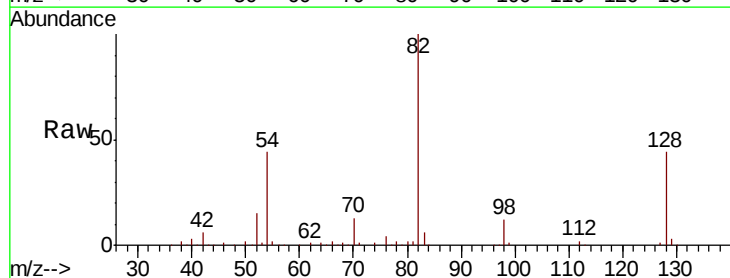
Instrument :
BNA_F
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NB-07-082619

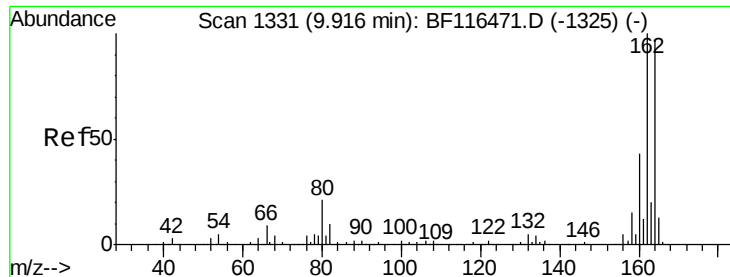
Tot Ion:136	Resp:	185872
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.7 13.1
54	6.6	5.0 7.4
68	5.3	4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.513 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion: 82	Resp:	274530
Ion Ratio	Lower	Upper
82	100	
128	44.3	35.0 52.6
54	43.8	34.4 51.6

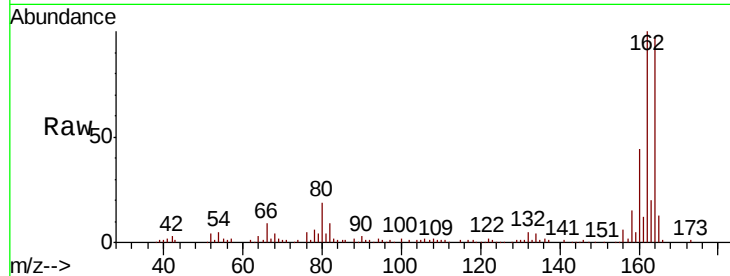




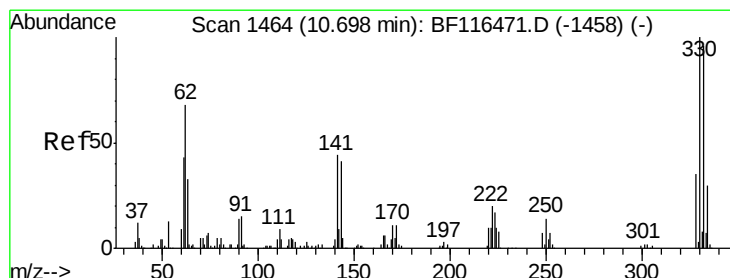
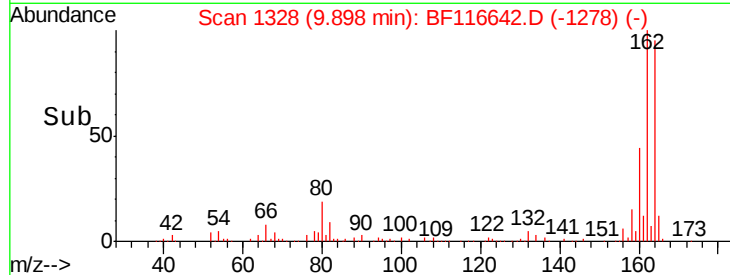
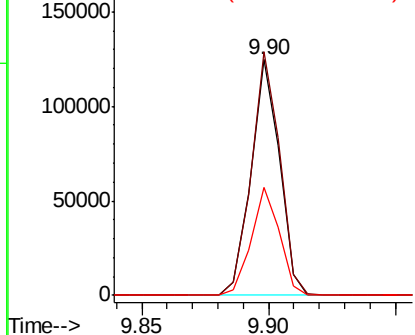
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082619

Tot Ion:164 Resp: 97805
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.4 125.0
 160 46.0 37.0 55.4

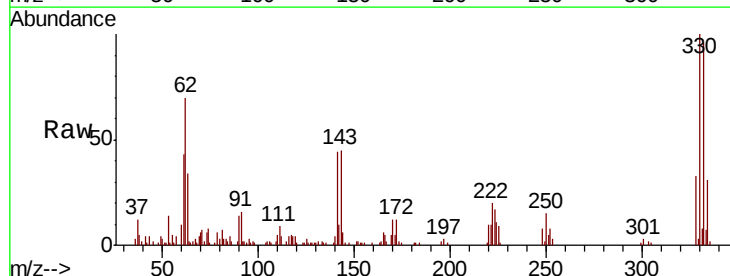


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

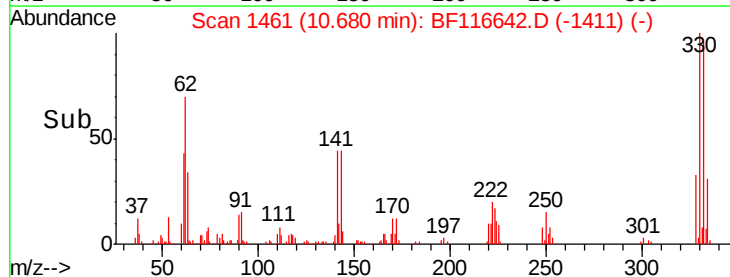
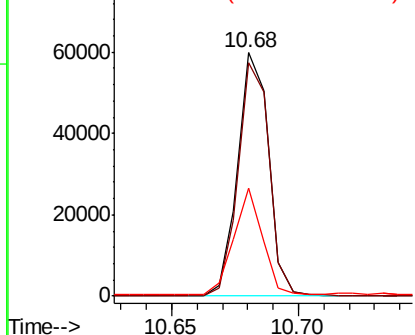


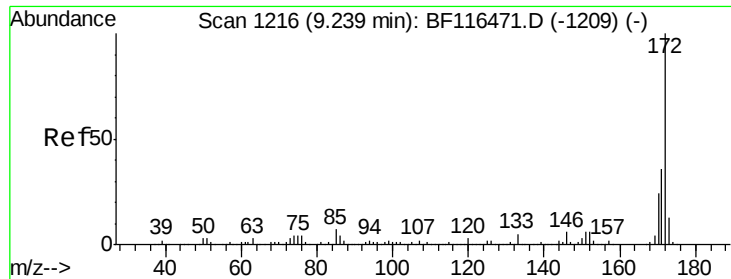
#42
 2,4,6-Tribromophenol
 Concen: 54.525 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

Tgt Ion:330 Resp: 50748
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.5 116.3
 141 40.1 28.2 42.2



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

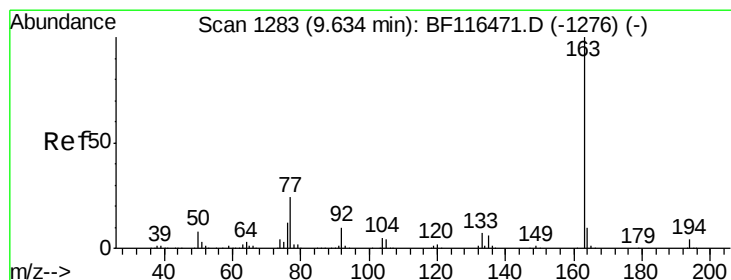
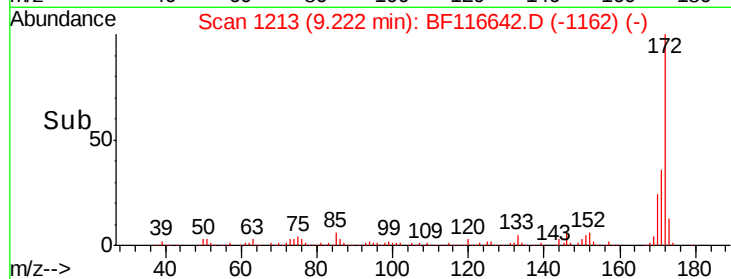
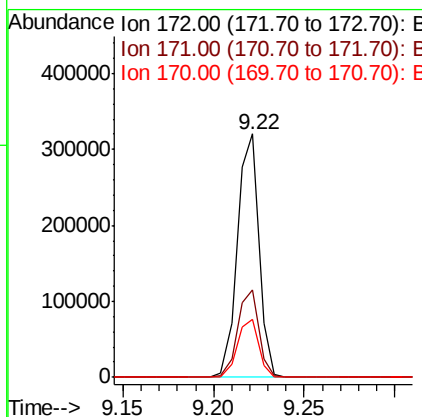
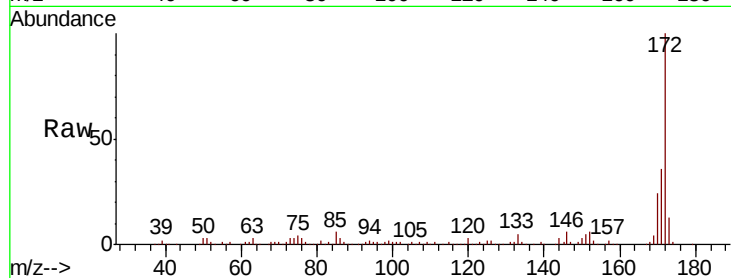




#45
2-Fluorobiphenyl
Concen: 45.257 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

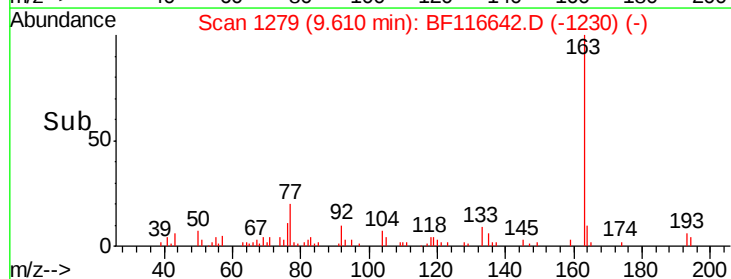
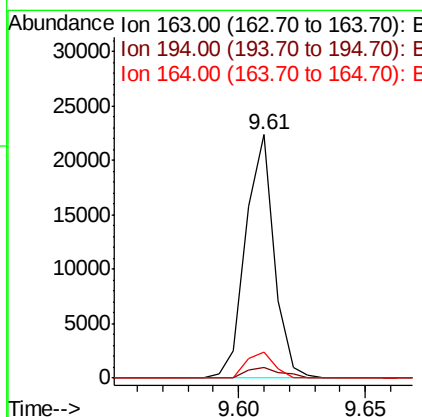
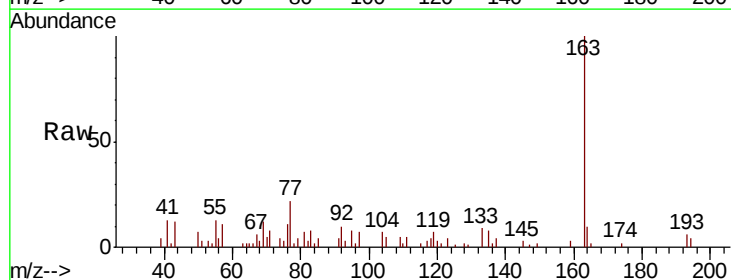
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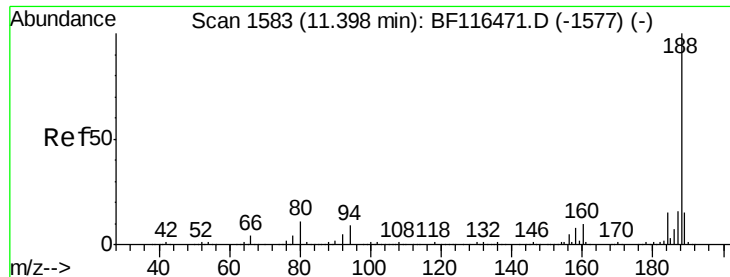
Tot Ion:172 Resp: 265977
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.6 19.3 28.9



#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:163 Resp: 17464
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.4 8.2 12.2

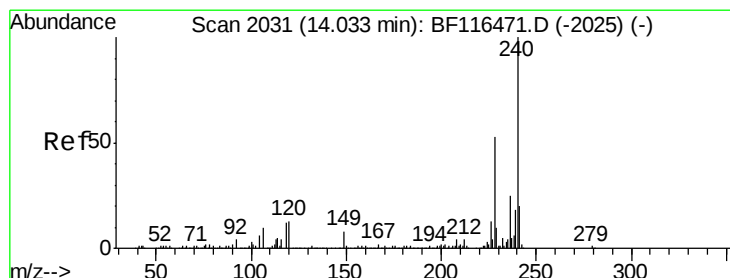
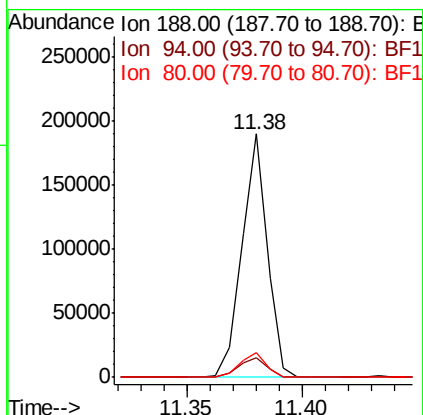
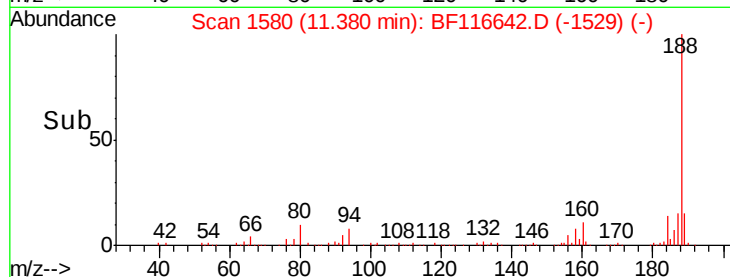
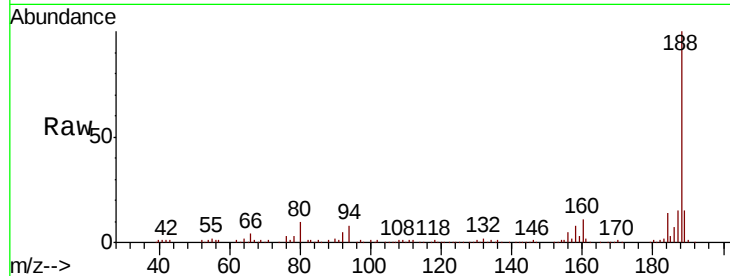




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

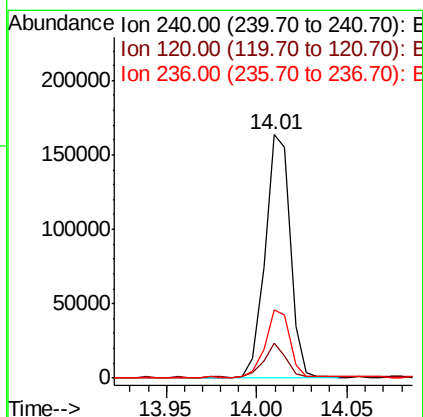
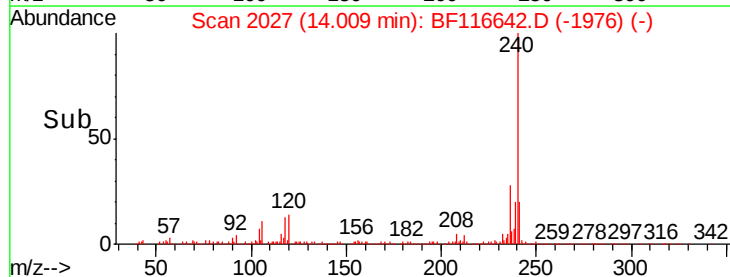
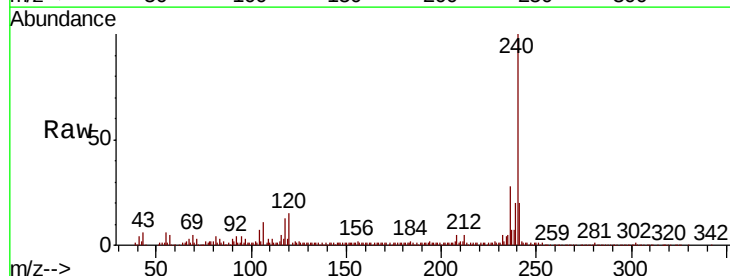
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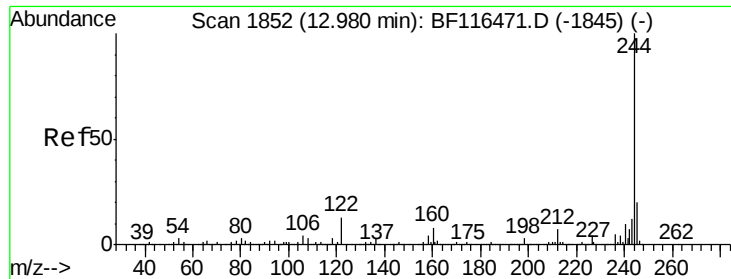
Tot Ion:188 Resp: 145723
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.4#
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF116642.D
Acq: 29 Aug 2019 3:45

Tgt Ion:240 Resp: 158855
Ion Ratio Lower Upper
240 100
120 14.5 11.3 16.9
236 28.1 21.4 32.2

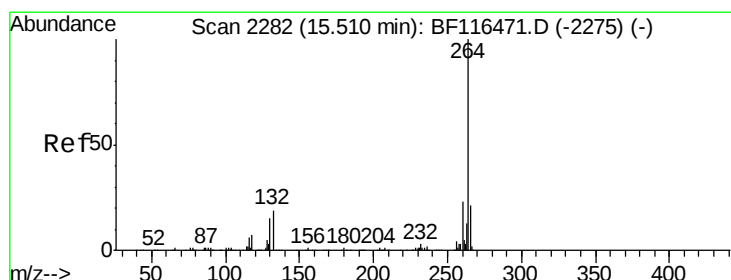
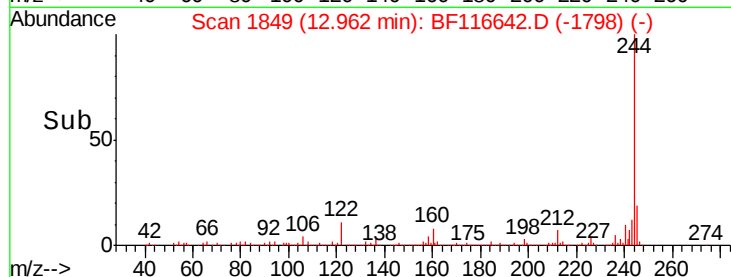
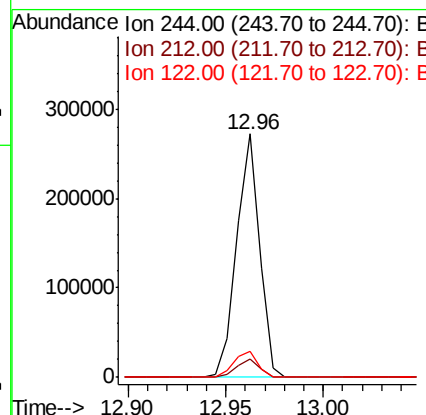
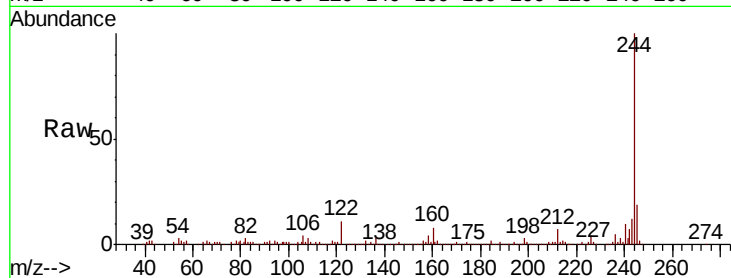




#79
 Terphenyl-d14
 Concen: 22.667 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.8	10.0	15.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.01 min
 Lab File: BF116642.D
 Acq: 29 Aug 2019 3:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	20.0	30.0
265	22.2	17.6	26.4

