

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115999.D
 Acq On : 6 Aug 2019 00:01
 Operator : HP/JU
 Sample : K4095-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-B

Quant Time: Aug 06 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137223	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	513080	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	268836	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	477492	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	293952	20.00	ng	-0.02
87) Perylene-d12	15.46	264	332847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	982852	119.90	ng	0.01
7) Phenol-d6	6.48	99	1128432	109.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	939680	105.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	381412	146.33	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1566441	109.14	ng	-0.02
79) Terphenyl-d14	12.95	244	1680922	120.50	ng	-0.02

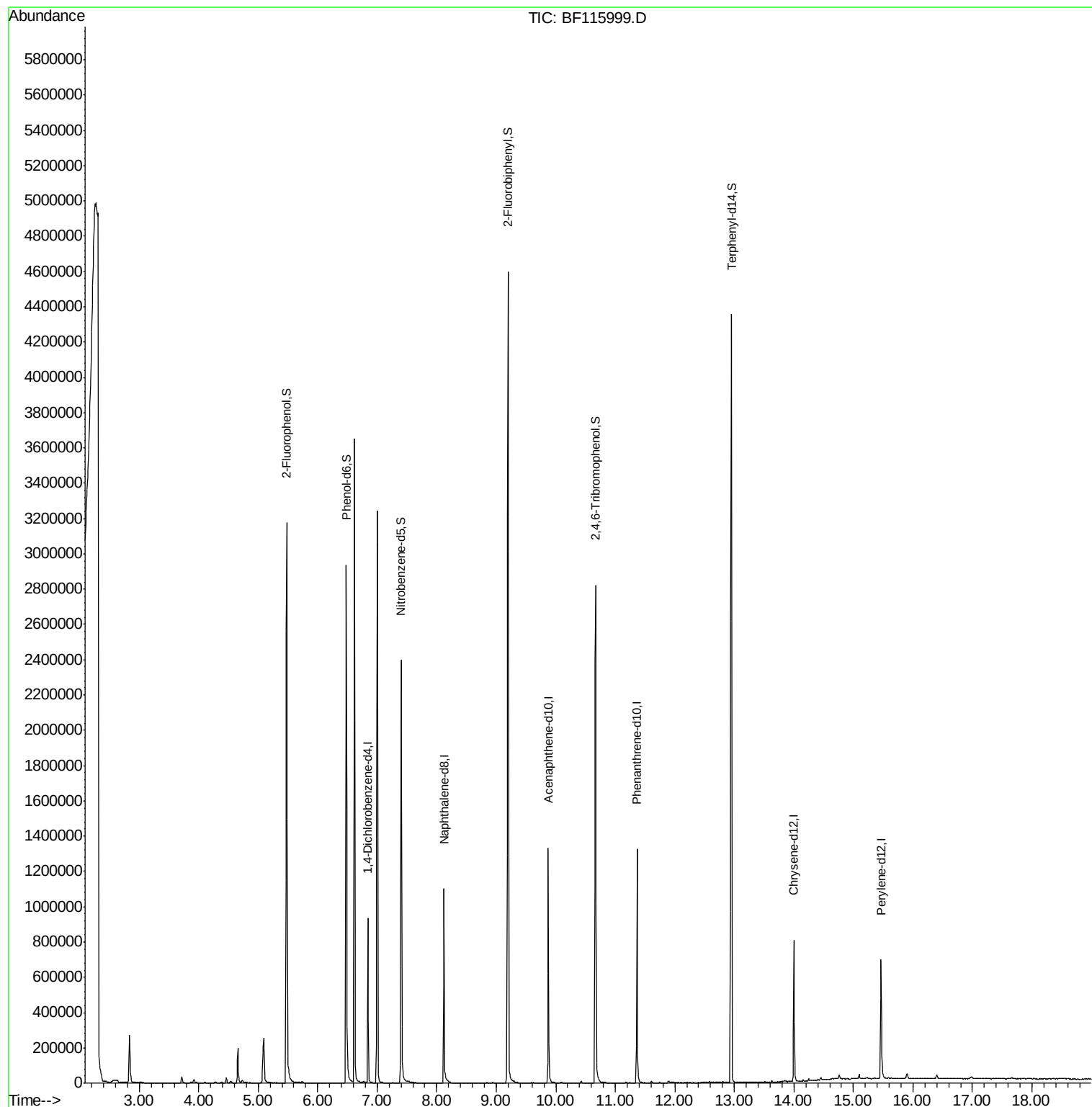
Target Compounds Qvalue

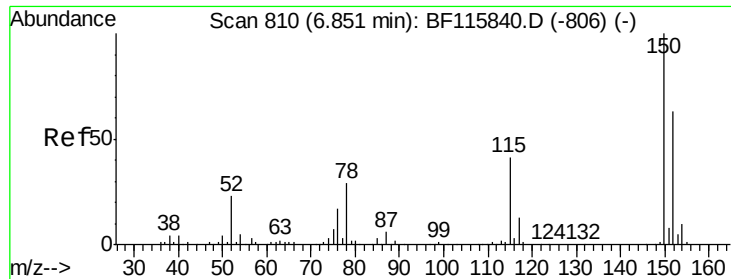
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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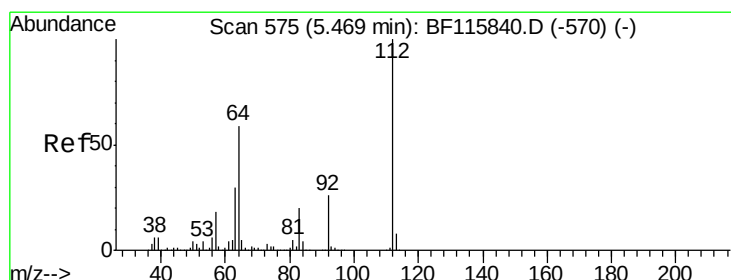
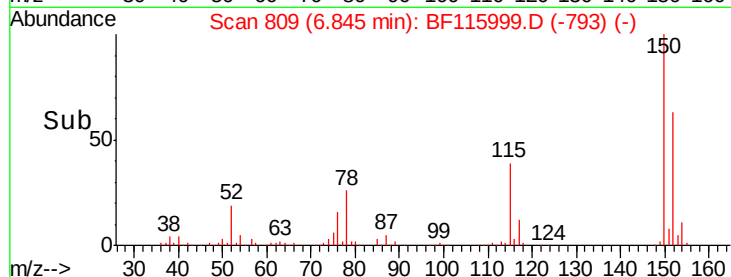
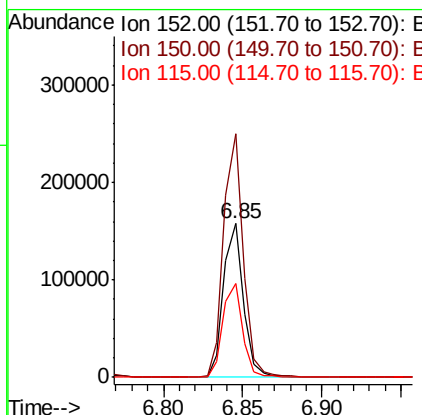
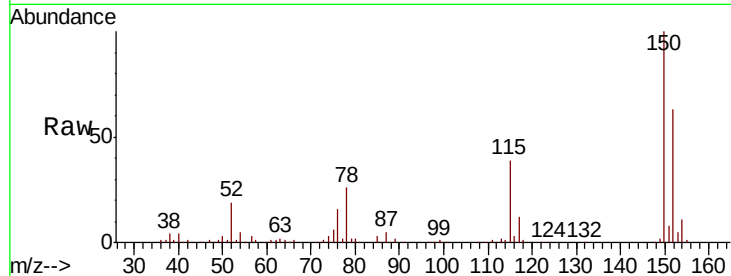




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

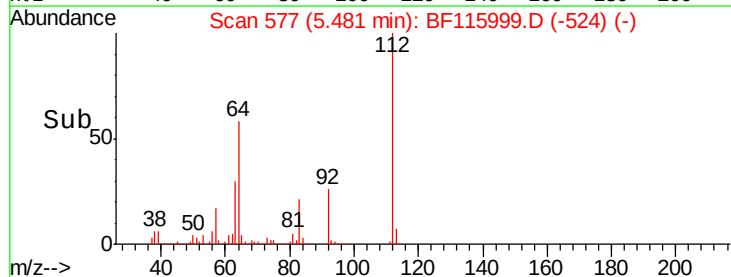
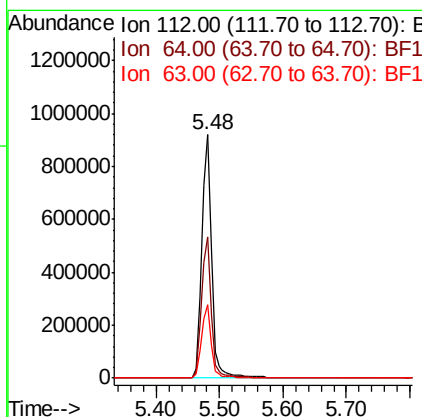
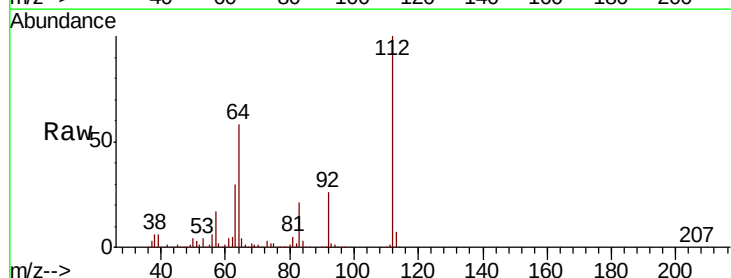
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-B

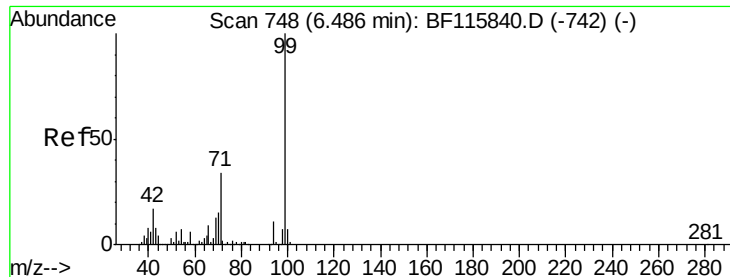
Tot Ion:152 Resp: 137223
 Ion Ratio Lower Upper
 152 100
 150 158.1 127.4 191.0
 115 60.9 51.8 77.8



#5
 2-Fluorophenol
 Concen: 119.904 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

Tgt Ion:112 Resp: 982852
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.8 70.2
 63 30.4 24.2 36.2





#7

Phenol-d6

Concen: 109.112 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115999.D

Acq: 6 Aug 2019 00:01

Instrument :

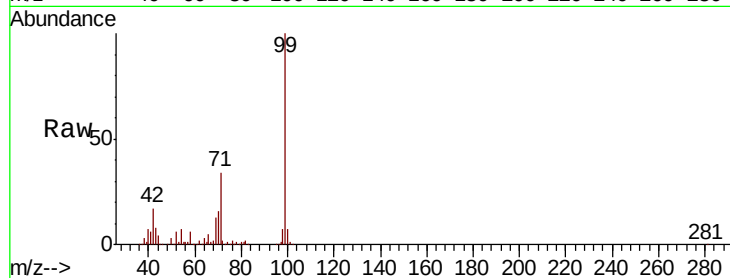
BNA_F

ClientSampleId :

SU-02-080219-B

Tot Ion: 99 Resp: 1128432

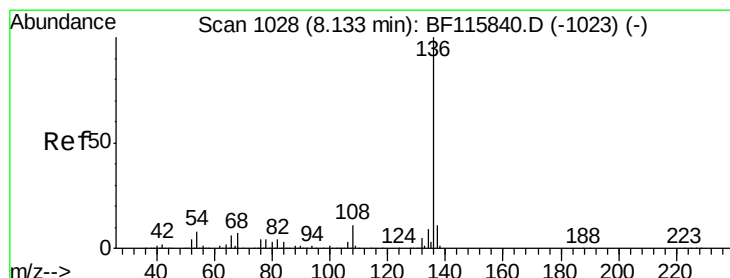
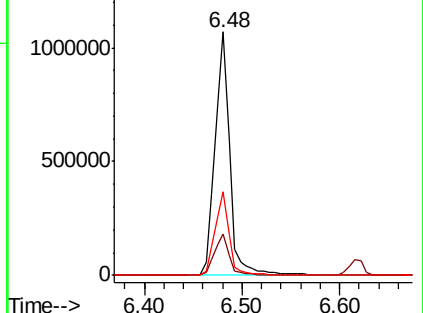
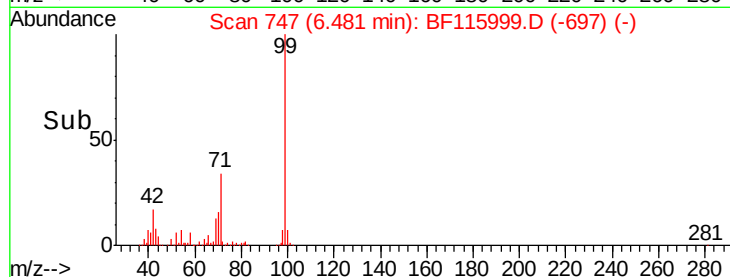
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.2	27.1	40.7



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: 8.12 min Scan# 1026

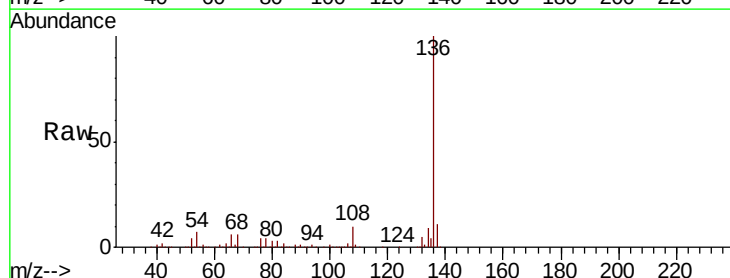
Delta R.T. -0.01 min

Lab File: BF115999.D

Acq: 6 Aug 2019 00:01

Tgt Ion: 136 Resp: 513080

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	6.1	9.1
68	6.4	5.4	8.2

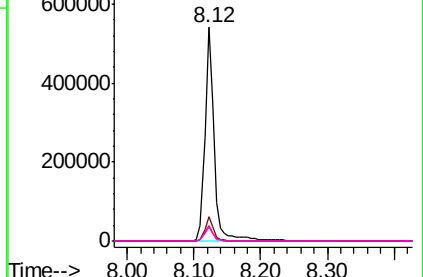
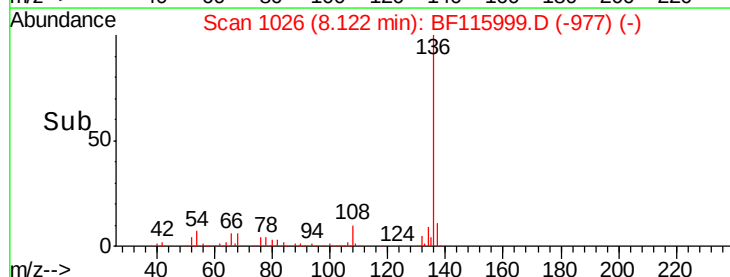


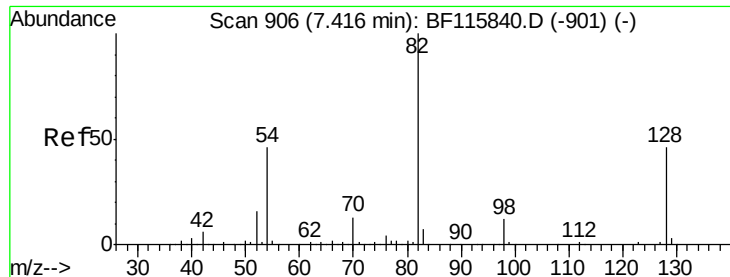
Abundance Ion 136.00 (135.70 to 136.70): E

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

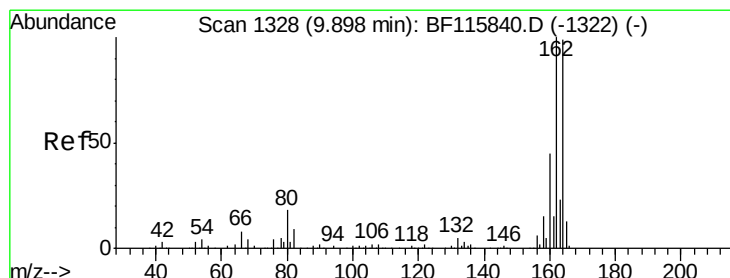
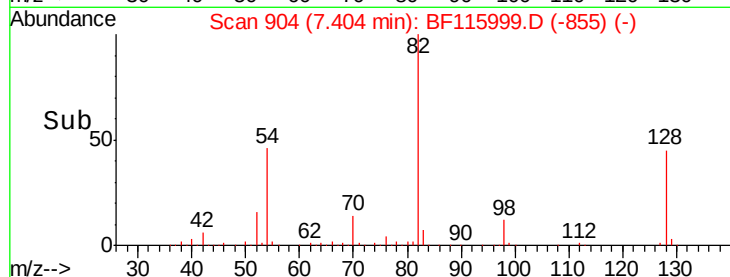
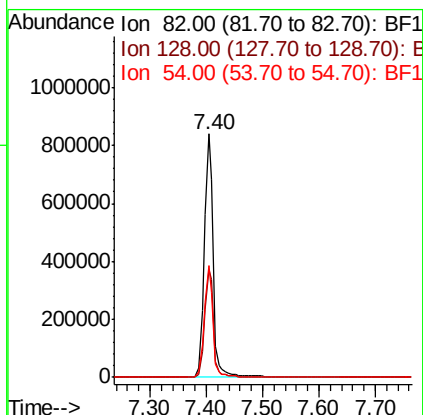
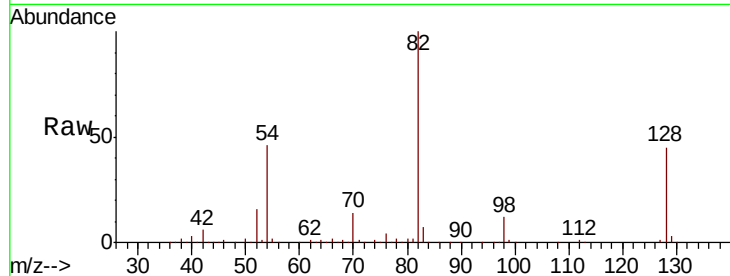




#23
Nitrobenzene-d5
Concen: 105.717 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115999.D
Acq: 6 Aug 2019 00:01

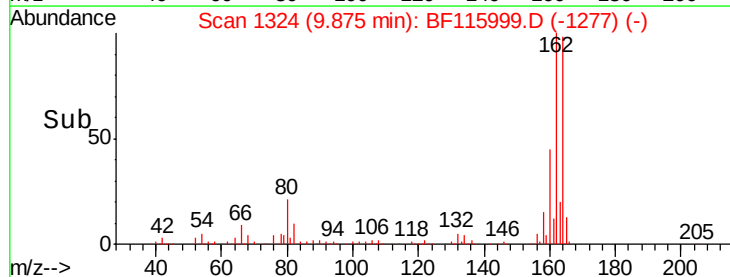
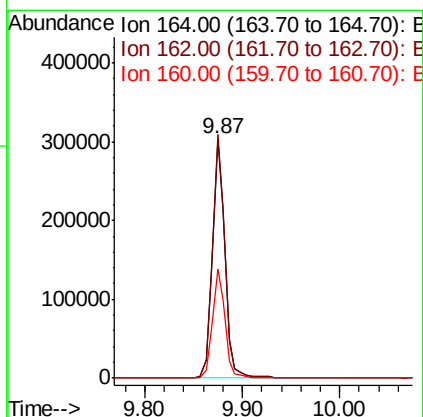
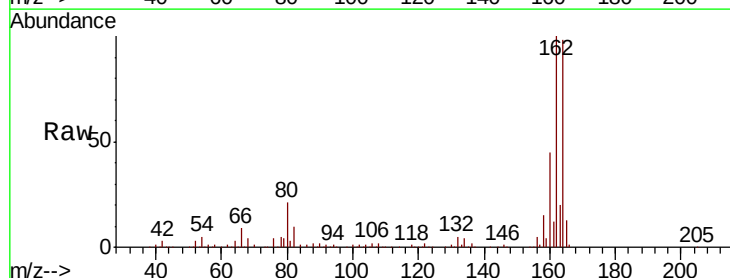
Instrument :
BNA_F
ClientSampleId :
SU-02-080219-B

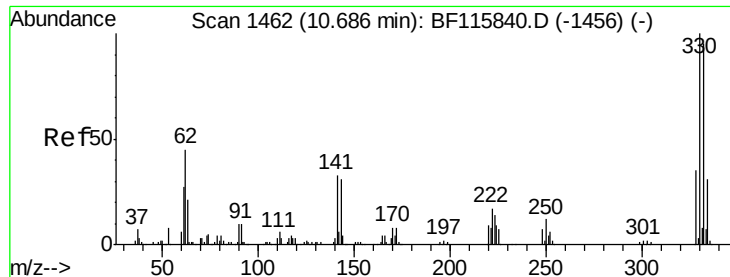
Tot Ion: 82 Resp: 939680
Ion Ratio Lower Upper
82 100
128 44.5 36.6 55.0
54 46.1 36.6 55.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF115999.D
Acq: 6 Aug 2019 00:01

Tgt Ion: 164 Resp: 268836
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 46.0 36.2 54.4

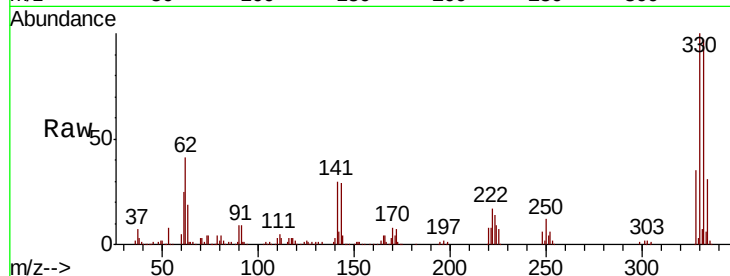




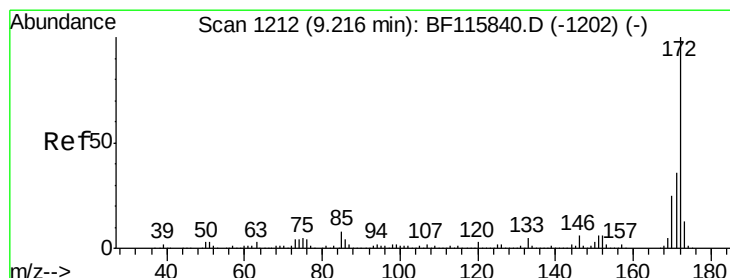
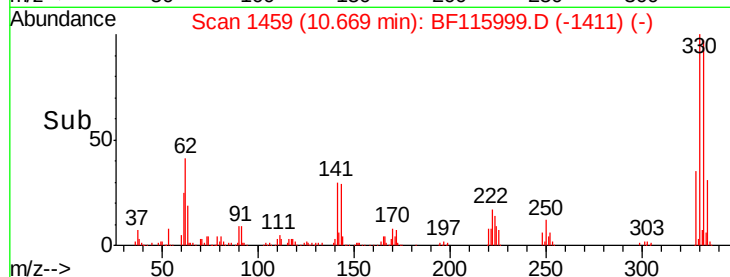
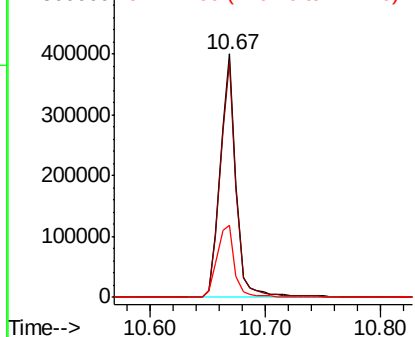
#42
 2,4,6-Tribromophenol
 Concen: 146.334 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-B

Tot Ion:330 Resp: 381412
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.7 116.5
 141 33.4 28.1 42.1

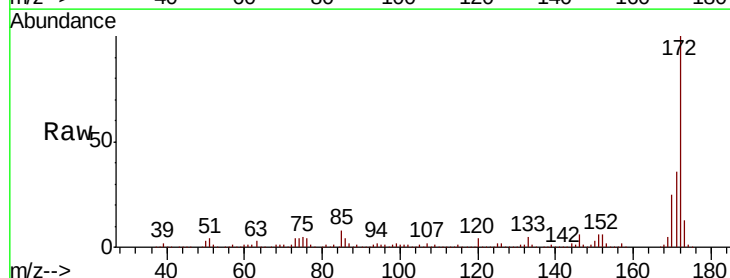


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

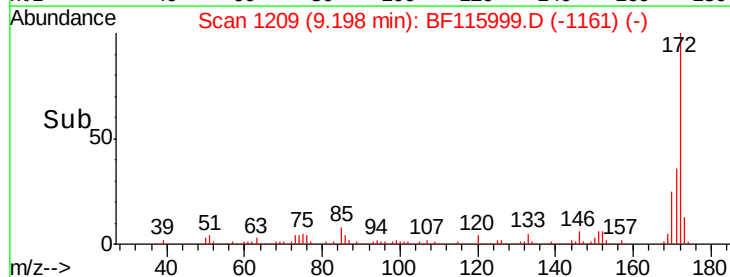
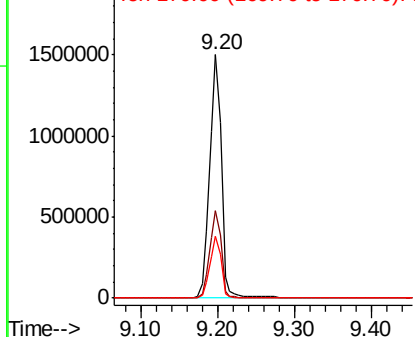


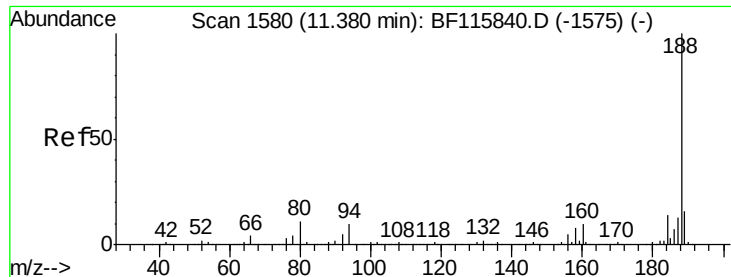
#45
 2-Fluorobiphenyl
 Concen: 109.139 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

Tgt Ion:172 Resp: 1566441
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.1 43.7
 170 25.2 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

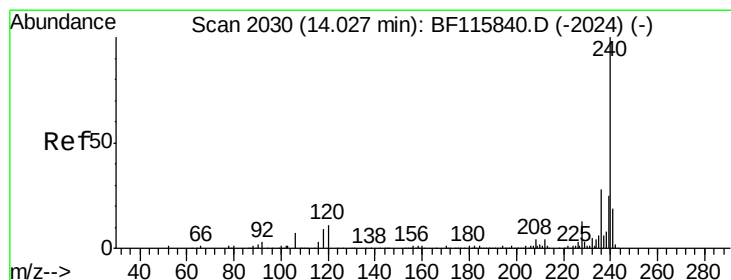
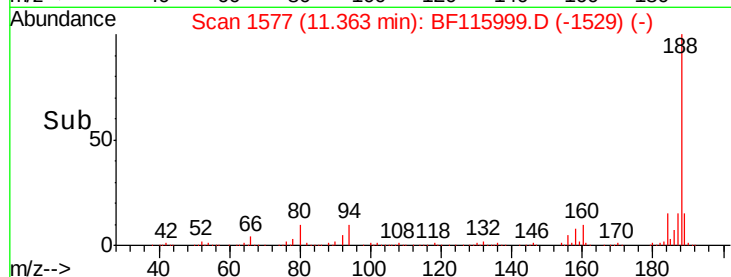
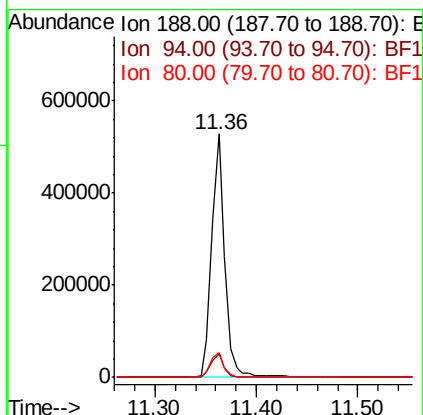
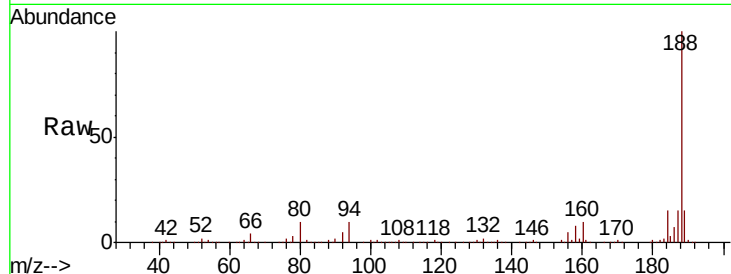




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115999.D
Acq: 6 Aug 2019 00:01

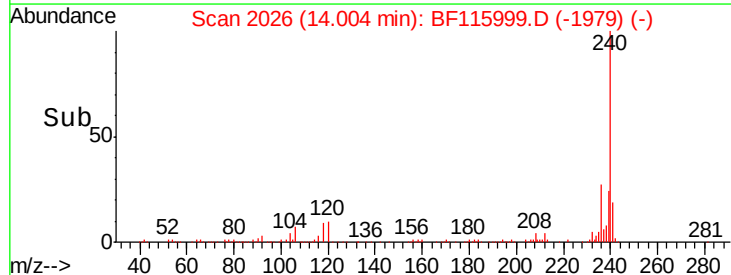
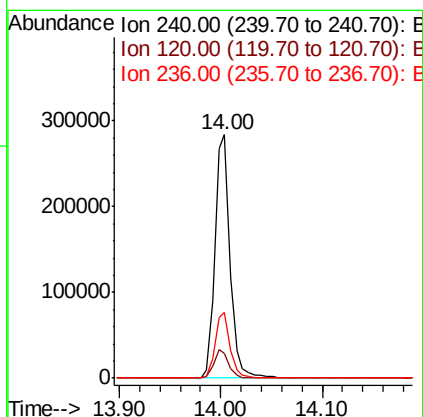
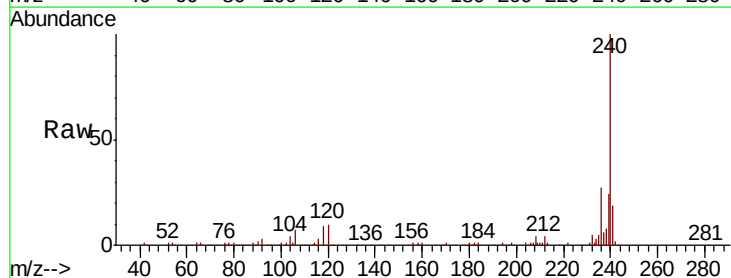
Instrument :
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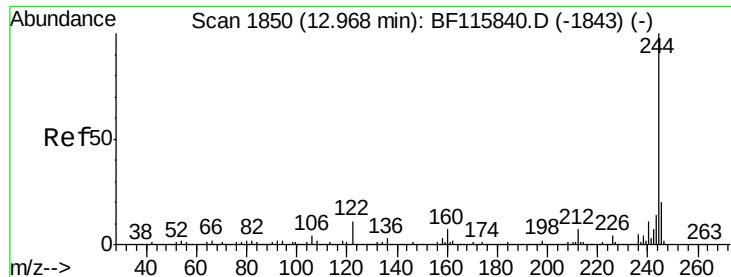
Tot Ion:188 Resp: 477492
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115999.D
Acq: 6 Aug 2019 00:01

Tgt Ion:240 Resp: 293952
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 27.1 22.2 33.2



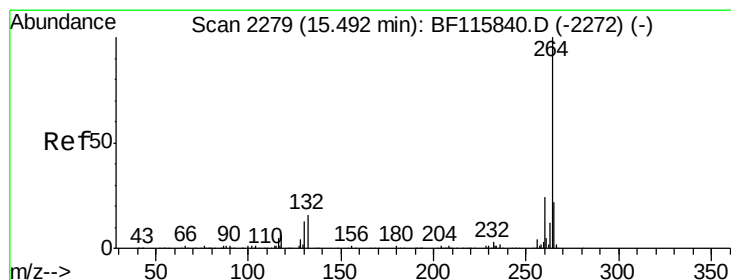
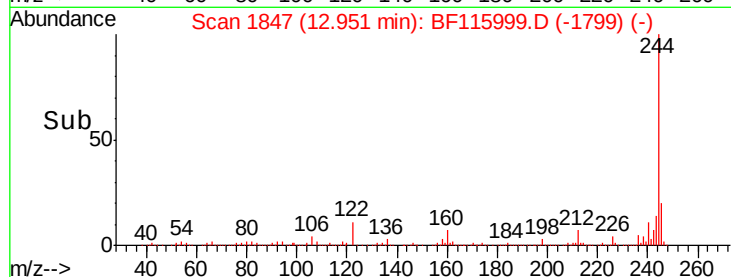
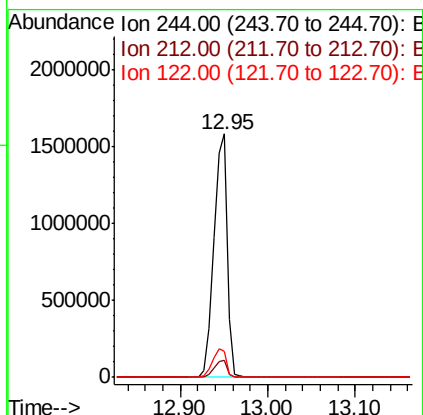
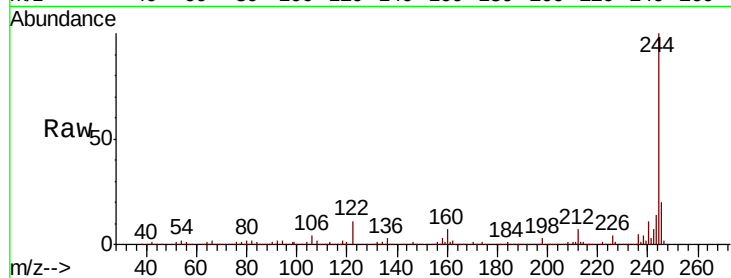


#79
 Terphenyl-d14
 Concen: 120.495 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-080219-B

Tot Ion:244 Resp: 1680922

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.9	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF115999.D
 Acq: 6 Aug 2019 00:01

Tgt Ion:264 Resp: 332847

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.2	17.5	26.3

