

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115799.D
 Acq On : 26 Jul 2019 20:56
 Operator : HP/JU
 Sample : K3620-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-C

Quant Time: Jul 27 01:04:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141274	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	546562	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301108	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	560720	20.00	ng	0.00
76) Chrysene-d12	14.03	240	429852	20.00	ng	0.00
87) Perylene-d12	15.50	264	394626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	999028	115.67	ng	0.02
7) Phenol-d6	6.50	99	1130860	103.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	938936	99.89	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	448055	127.48	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1688707	98.16	ng	0.00
79) Terphenyl-d14	12.97	244	2062241	88.52	ng	0.00

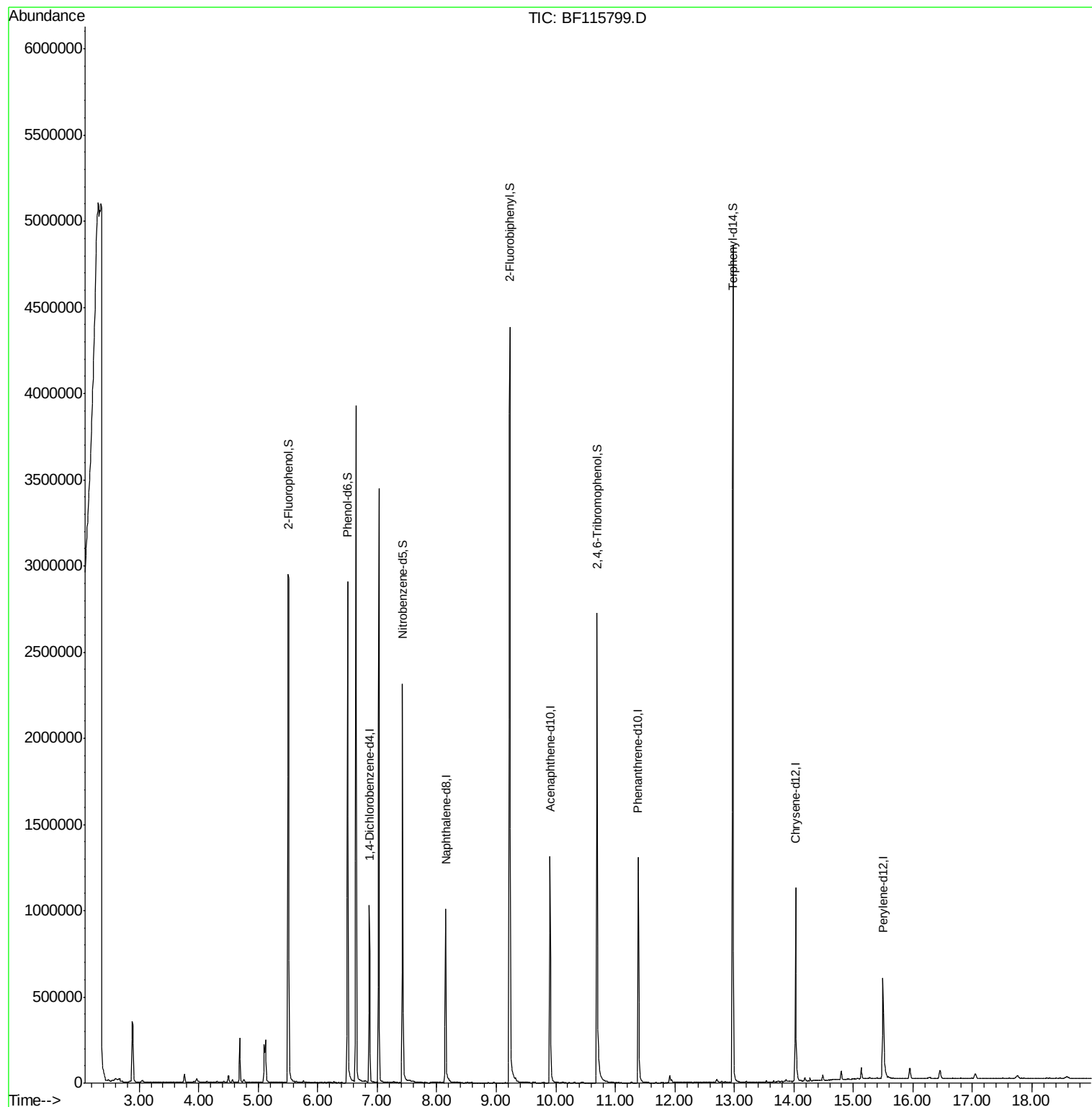
Target Compounds Qvalue

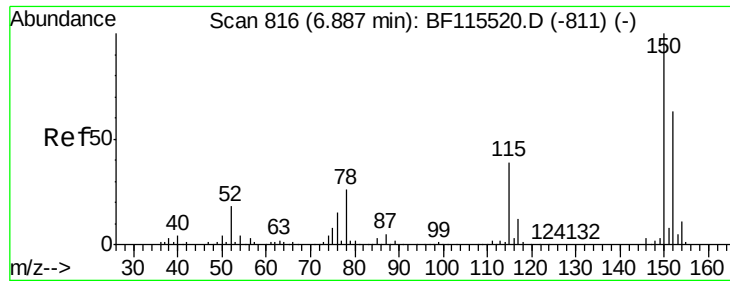
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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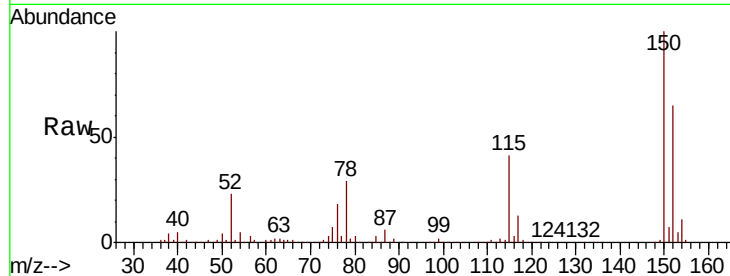


#1

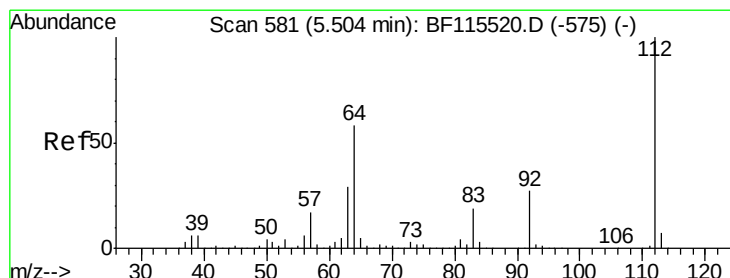
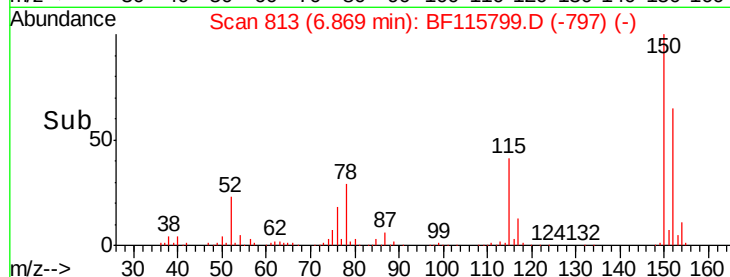
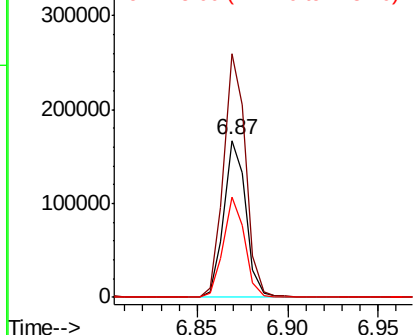
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-C

Tot Ion:152 Resp: 141274
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.6 189.8
 115 64.0 47.8 71.6



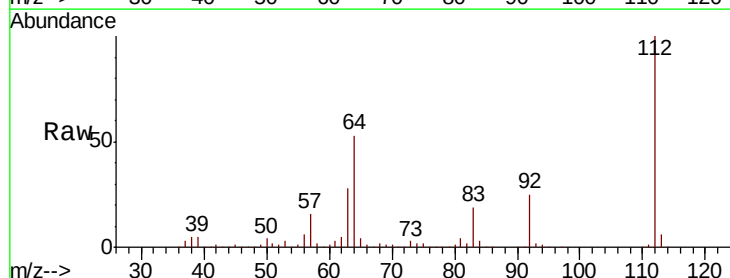
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



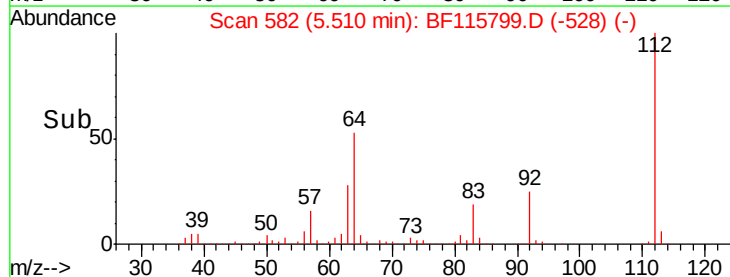
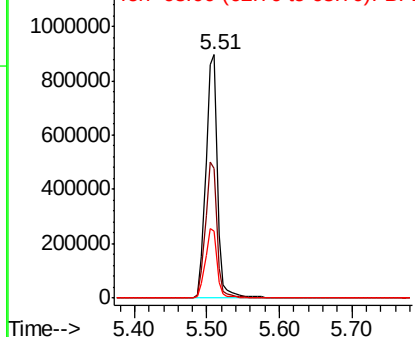
#5

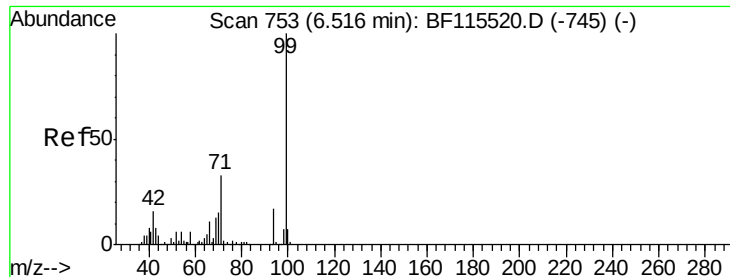
2-Fluorophenol
 Concen: 115.670 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

Tgt Ion:112 Resp: 999028
 Ion Ratio Lower Upper
 112 100
 64 53.4 45.8 68.8
 63 27.7 23.6 35.4



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: 103.188 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115799.D

Acq: 26 Jul 2019 20:56

Instrument :

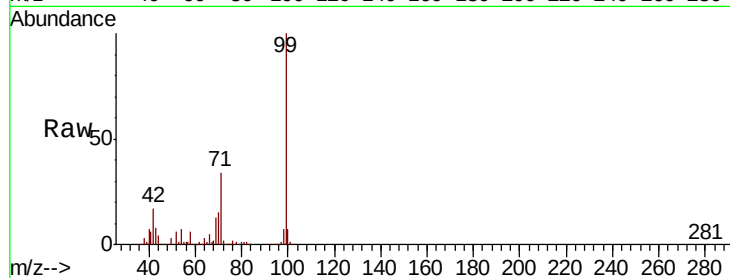
BNA_F

ClientSampleId :

CL-02-072519-C

Tot Ion: 99 Resp: 1130860

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	34.1	26.7	40.1

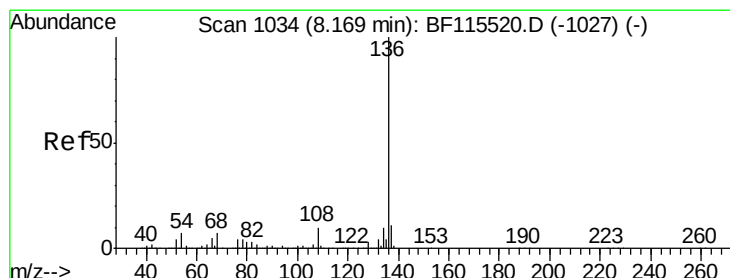
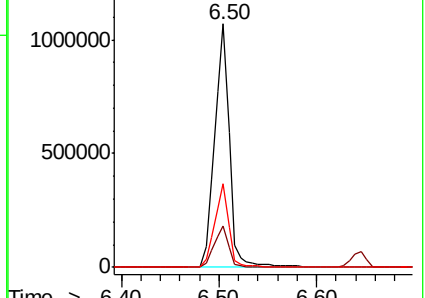
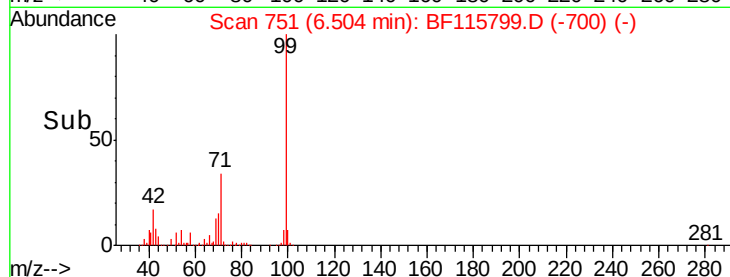


Abundance

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: 8.15 min Scan# 1031

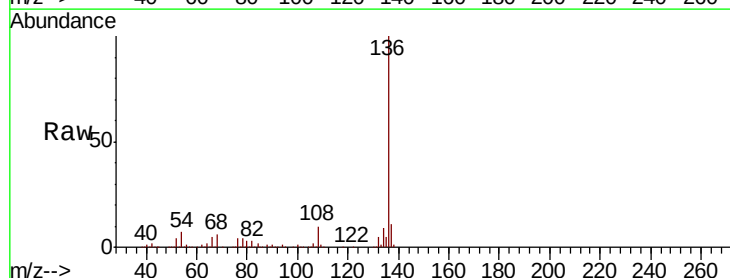
Delta R.T. -0.01 min

Lab File: BF115799.D

Acq: 26 Jul 2019 20:56

Tgt Ion: 136 Resp: 546562

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.6	5.0	7.6
68	5.9	4.7	7.1



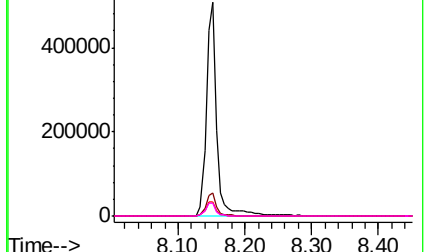
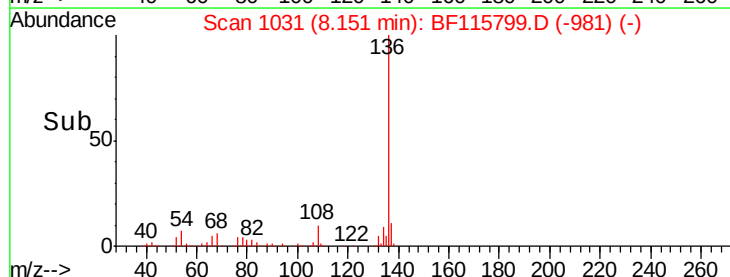
Abundance

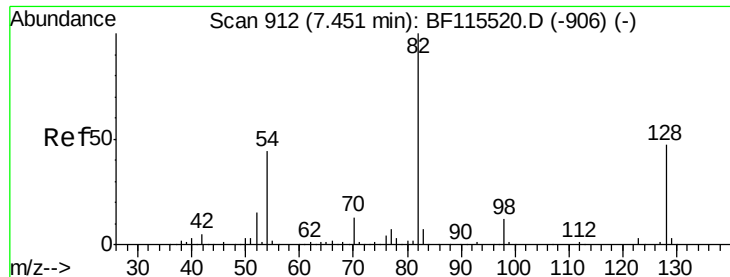
Ion 136.00 (135.70 to 136.70): E

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

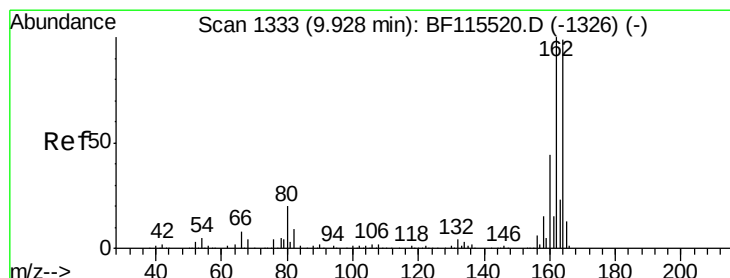
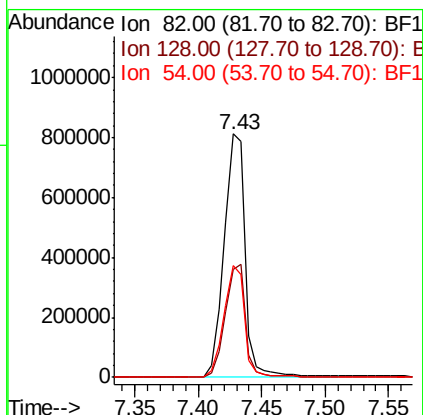
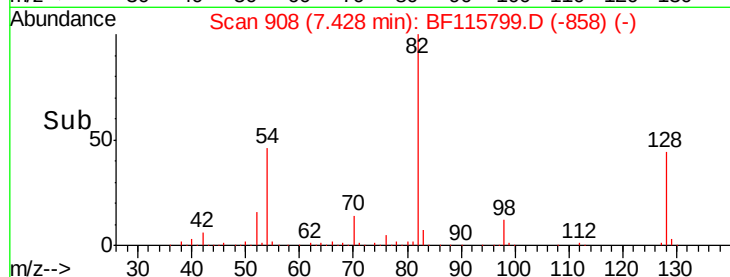
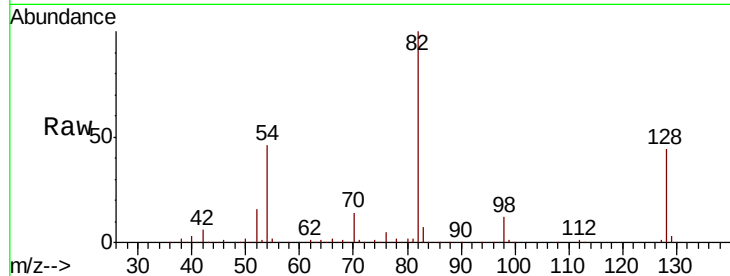




#23
 Nitrobenzene-d5
 Concen: 99.890 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

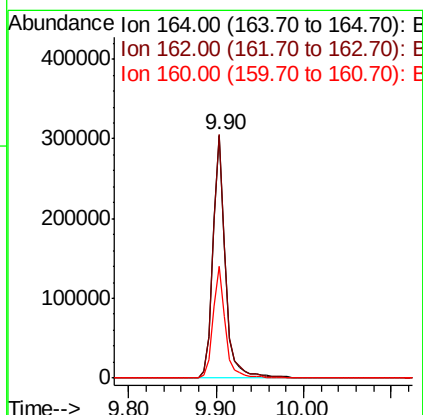
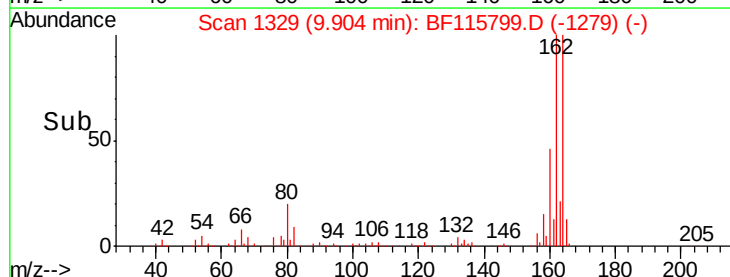
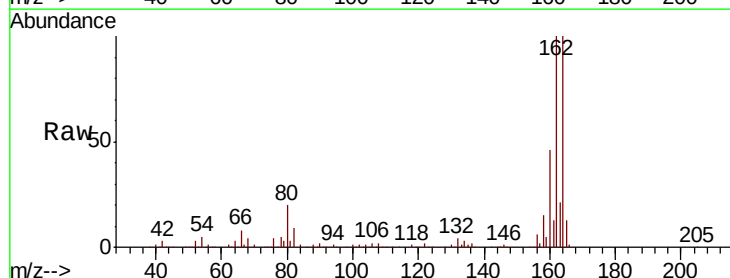
Instrument :
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 CL-02-072519-C

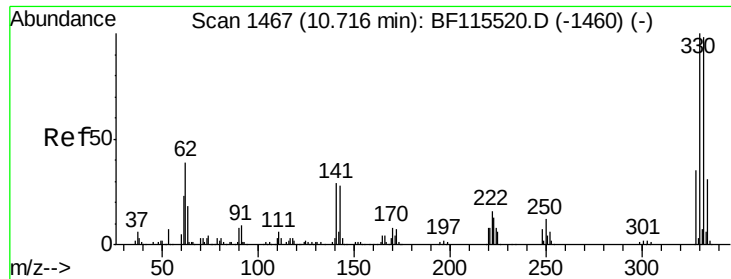
Tot Ion: 82 Resp: 938936
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.6 55.0
 54 46.1 36.6 54.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

Tgt Ion:164 Resp: 301108
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.8 122.6
 160 45.9 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 127.482 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF115799.D

Acq: 26 Jul 2019 20:56

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-C

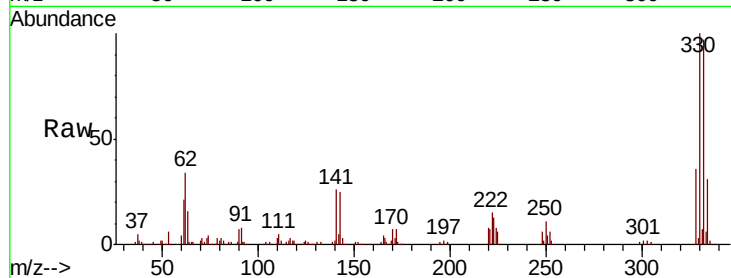
Tot Ion:330 Resp: 448055

Ion Ratio Lower Upper

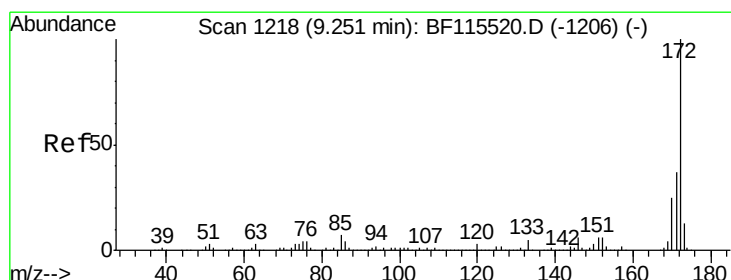
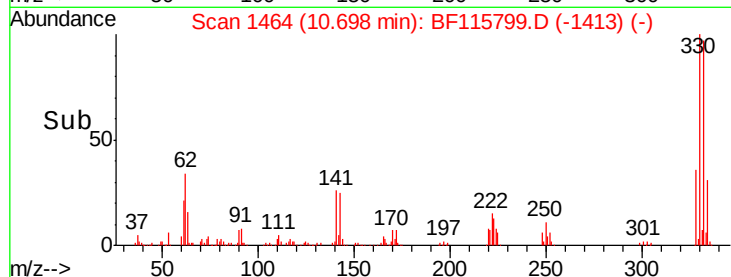
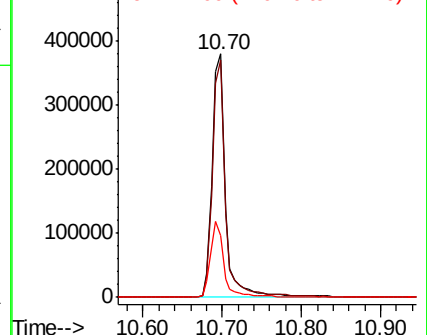
330 100

332 96.0 76.1 114.1

141 32.5 25.9 38.9



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: 98.161 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115799.D

Acq: 26 Jul 2019 20:56

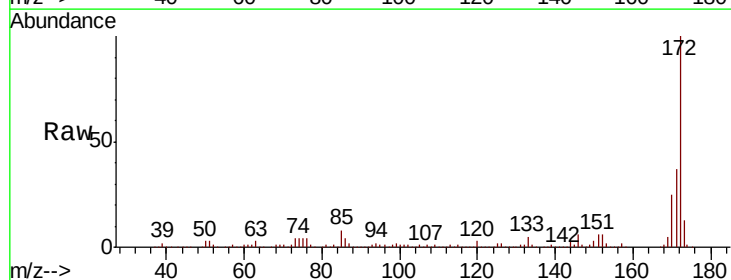
Tgt Ion:172 Resp: 1688707

Ion Ratio Lower Upper

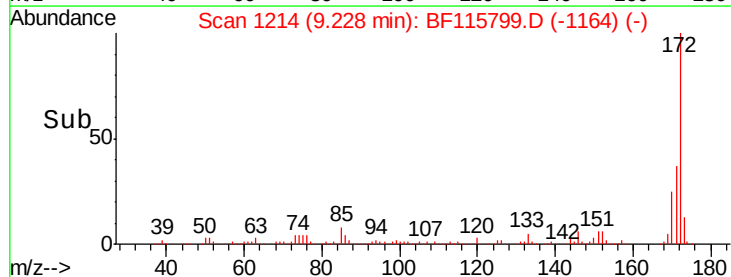
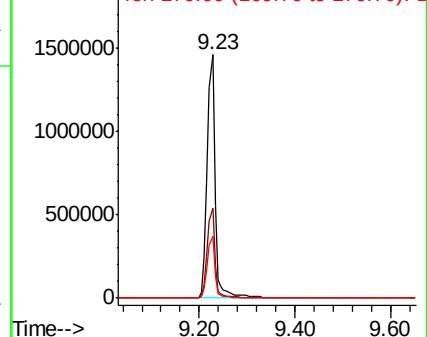
172 100

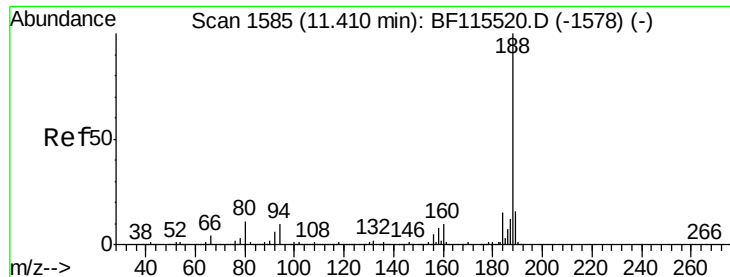
171 37.0 29.0 43.4

170 25.3 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

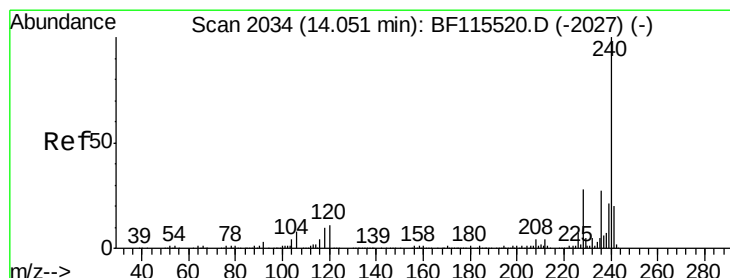
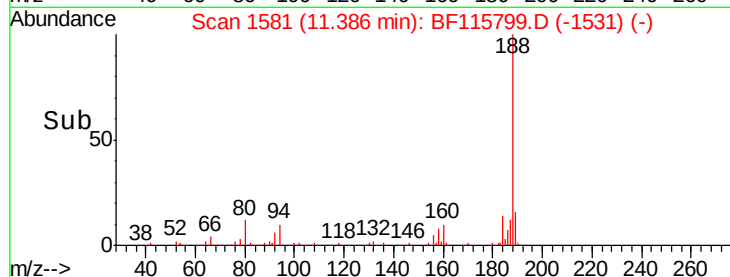
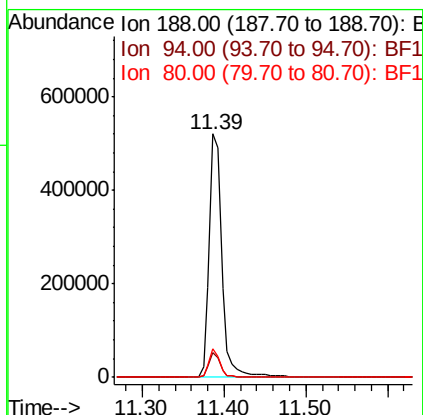
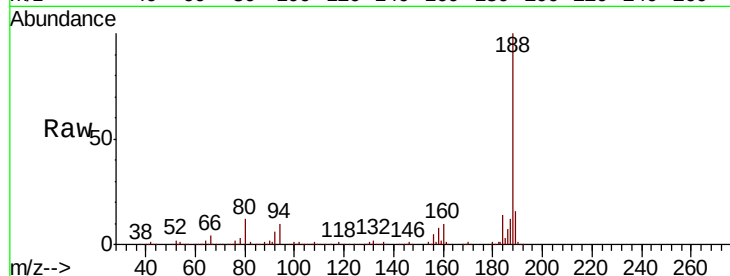




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF115799.D
Acq: 26 Jul 2019 20:56

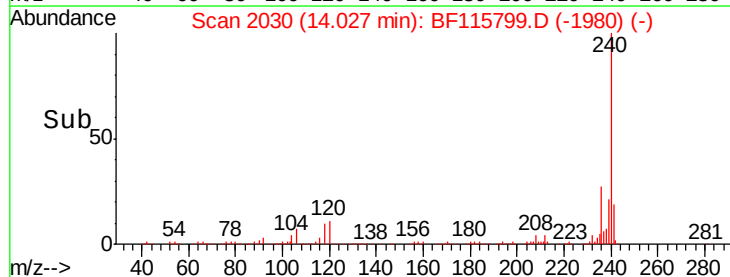
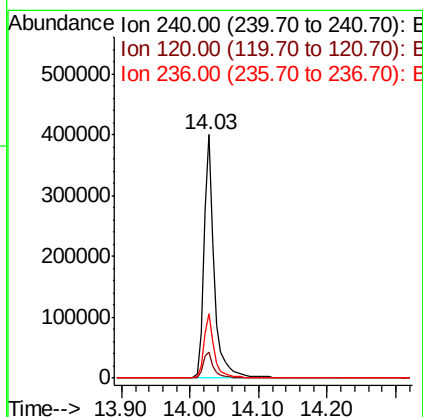
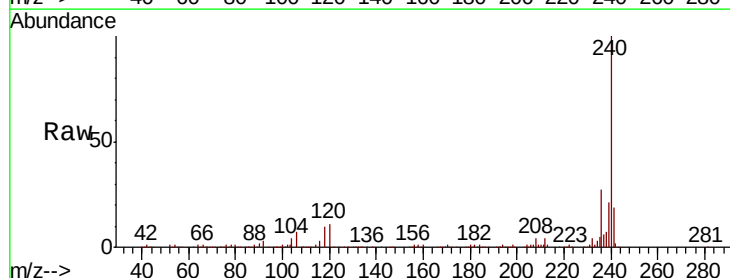
Instrument :
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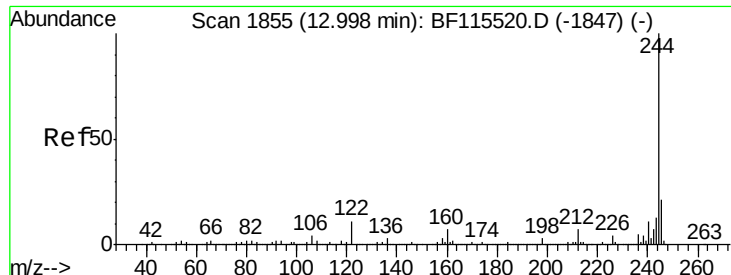
Tot Ion:188 Resp: 560720
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 11.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115799.D
Acq: 26 Jul 2019 20:56

Tgt Ion:240 Resp: 429852
Ion Ratio Lower Upper
240 100
120 10.7 10.0 15.0
236 26.7 21.8 32.6

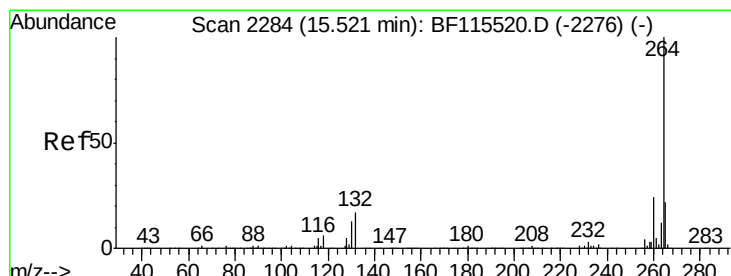
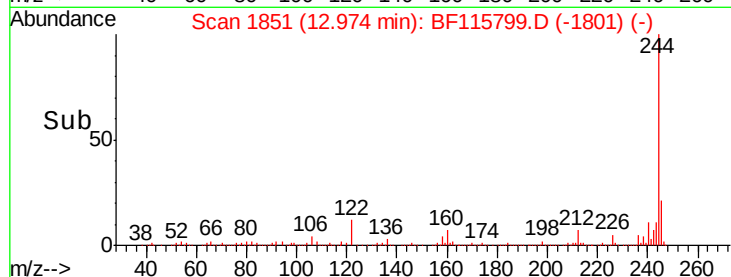
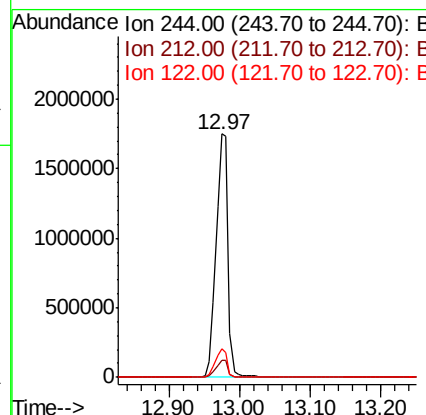
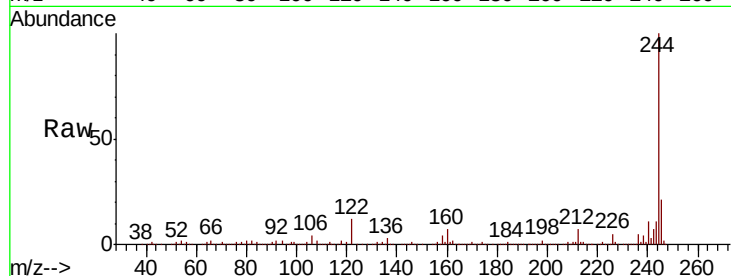




#79
 Terphenyl-d14
 Concen: 88.523 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-C

Tot Ion:244 Resp: 2062241
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.8 8.2 12.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF115799.D
 Acq: 26 Jul 2019 20:56

Tgt Ion:264 Resp: 394626
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 21.7 17.5 26.3

