

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117199.D
 Acq On : 20 Sep 2019 21:24
 Operator : HP/JU
 Sample : K4662-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819

Quant Time: Sep 21 01:11:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

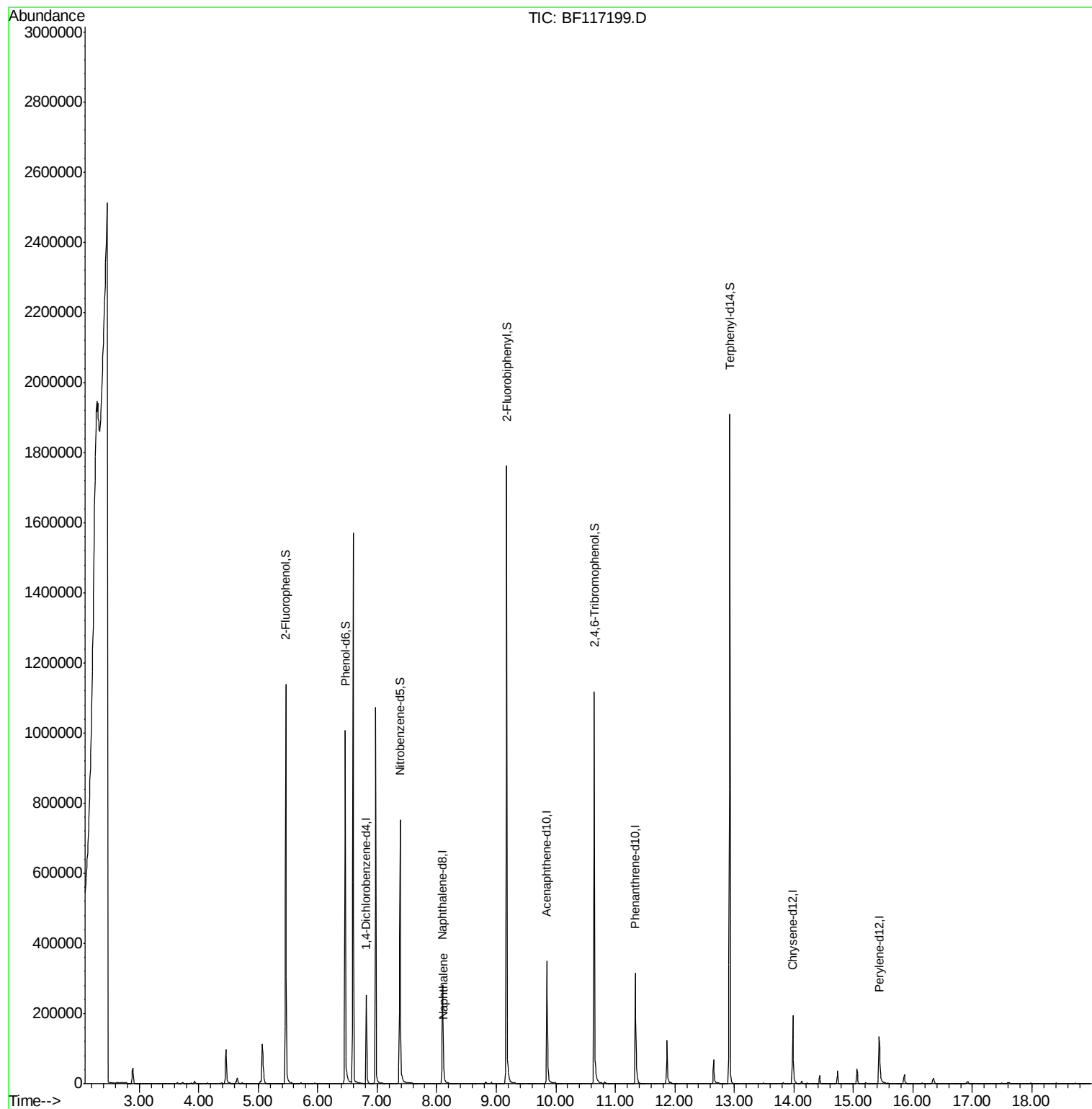
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	38475	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	155643	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	87052	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	144634	20.00	ng	0.00
76) Chrysene-d12	13.98	240	94016	20.00	ng	0.00
87) Perylene-d12	15.43	264	69545	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	327532	132.91	ng	0.03
7) Phenol-d6	6.46	99	396462	124.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	314837	106.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	134089	184.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	615767	110.60	ng	0.00
79) Terphenyl-d14	12.93	244	656024	130.43	ng	0.01
Target Compounds						
31) Naphthalene	8.12	128	18275	2.441	ng	98

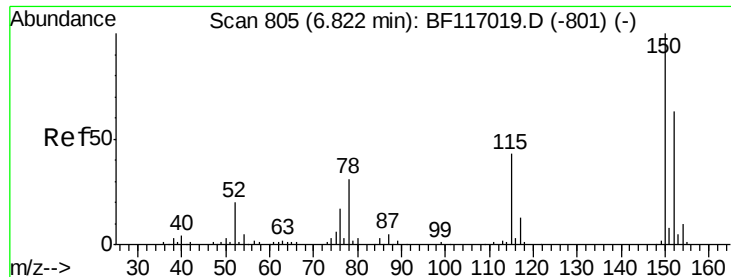
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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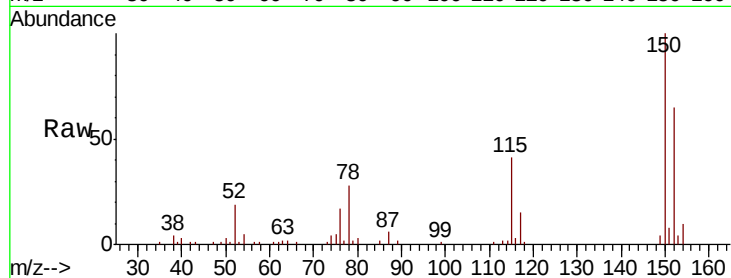


#1

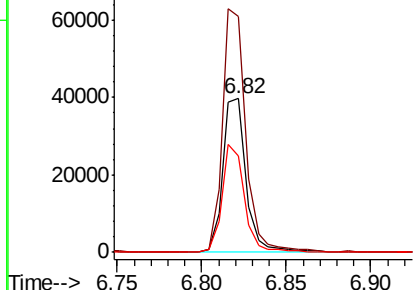
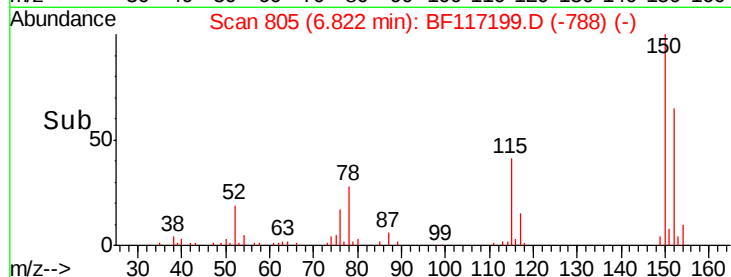
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-091819

Tot Ion:152 Resp: 38475
Ion Ratio Lower Upper
152 100
150 153.3 127.5 191.3
115 62.4 55.0 82.4



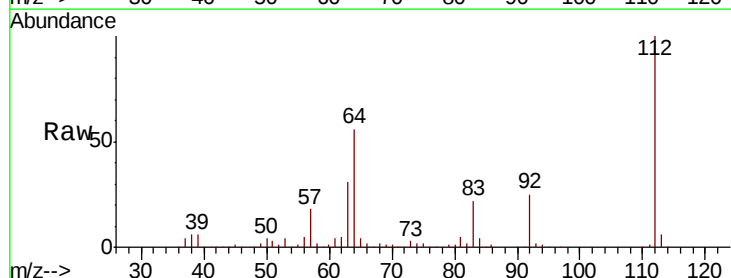
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



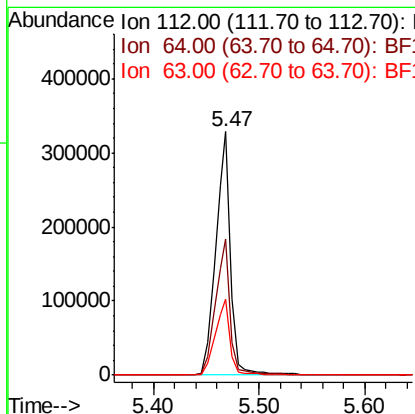
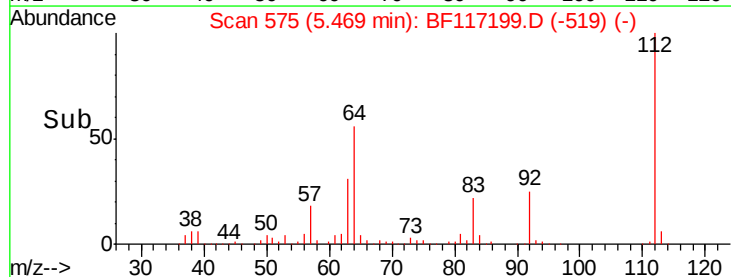
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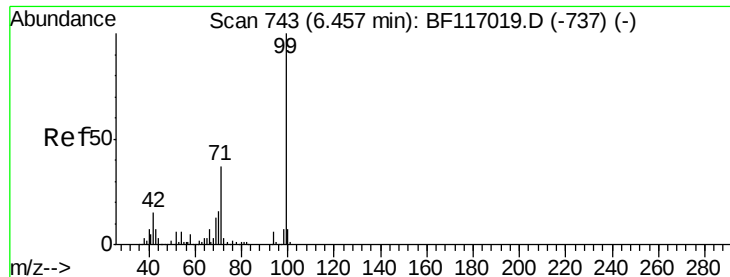
2-Fluorophenol
Concen: 132.907 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.03 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:112 Resp: 327532
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 31.0 24.9 37.3



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: 124.483 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117199.D

Acq: 20 Sep 2019 21:24

Instrument :

BNA_F

ClientSampleId :

CL-02-091819

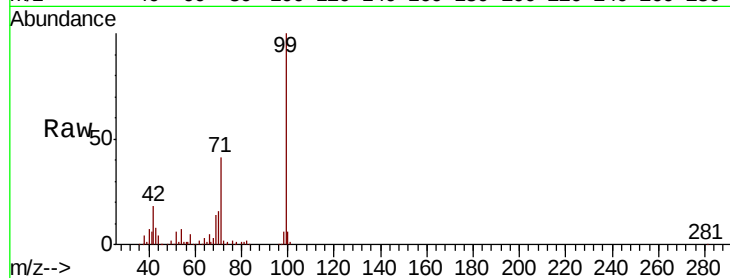
Tot Ion: 99 Resp: 396462

Ion Ratio Lower Upper

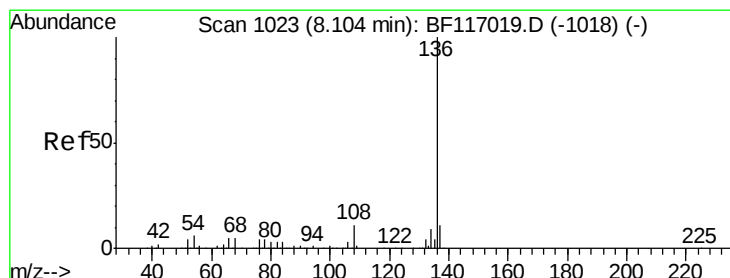
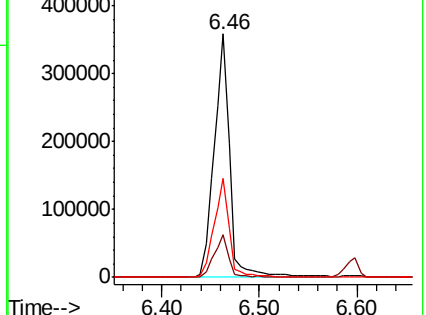
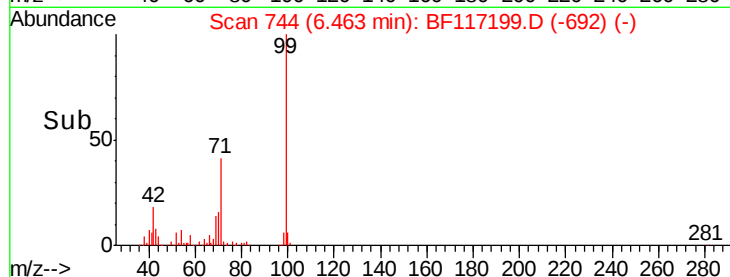
99 100

42 17.8 12.2 18.2

71 40.6 29.8 44.8



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117199.D

Acq: 20 Sep 2019 21:24

Tgt Ion: 136 Resp: 155643

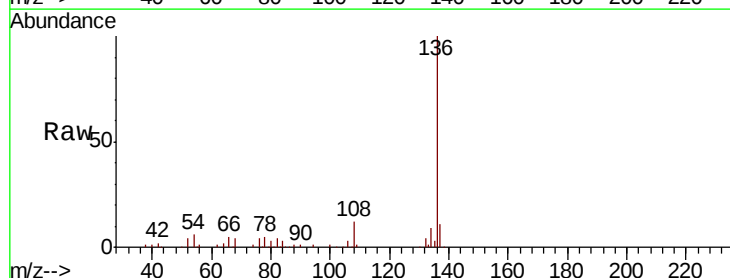
Ion Ratio Lower Upper

136 100

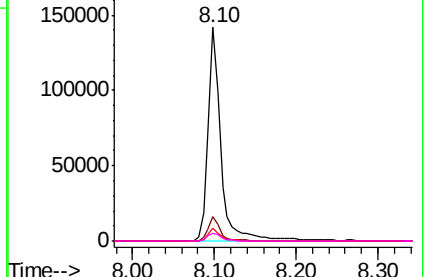
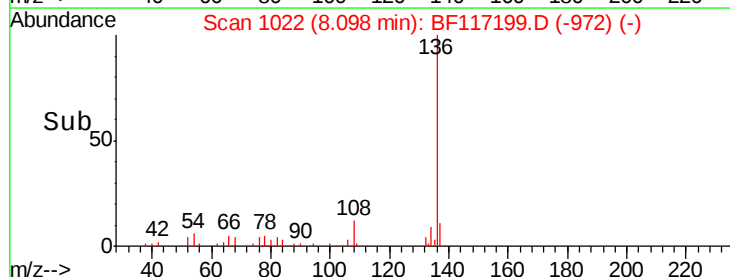
137 11.1 9.0 13.4

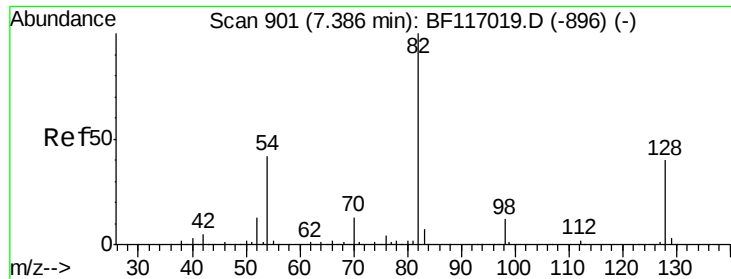
54 5.7 4.5 6.7

68 3.7 4.0 6.0#



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

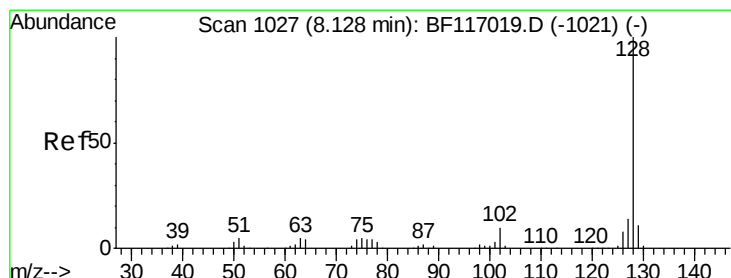
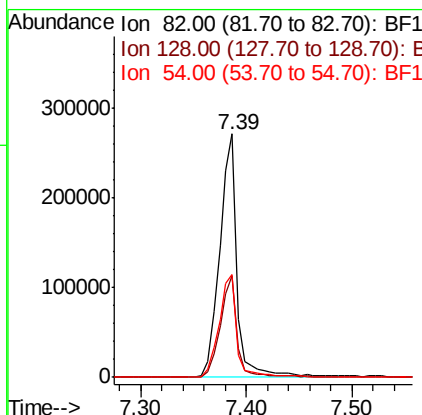
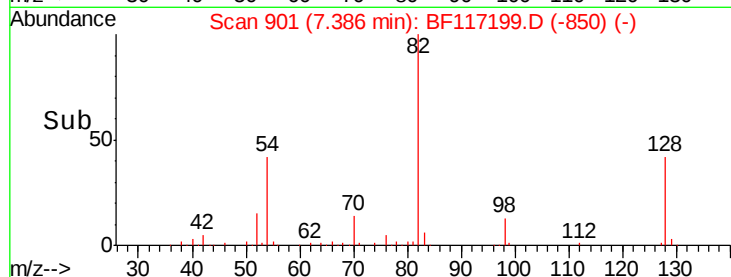
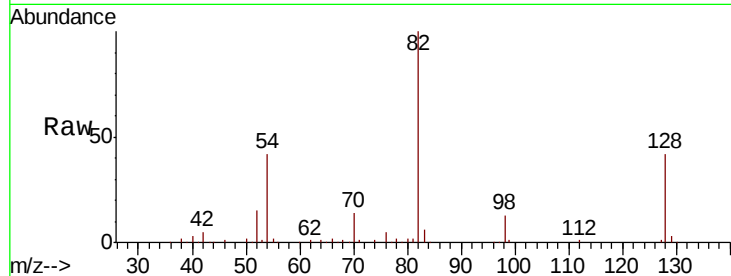




#23
Nitrobenzene-d5
Concen: 106.284 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

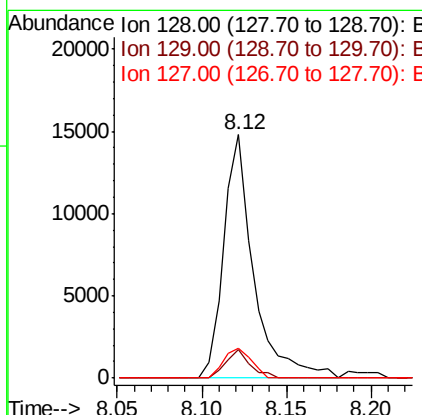
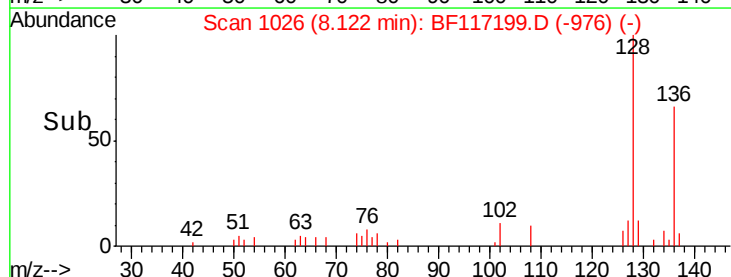
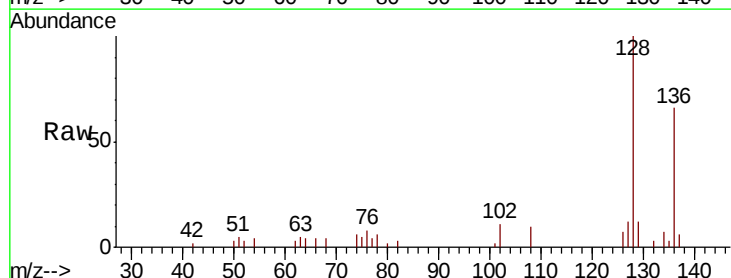
Instrument :
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ClientSampleId :
CL-02-091819

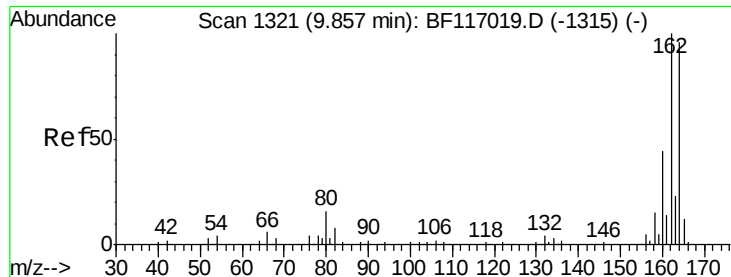
Tot Ion	82	Resp	314837
Ion Ratio	100	Lower	Upper
128	41.6	32.3	48.5
54	42.0	33.3	49.9



#31
Naphthalene
Concen: 2.441 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion	128	Resp	18275
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.6	9.0	13.4
127	12.3	10.8	16.2

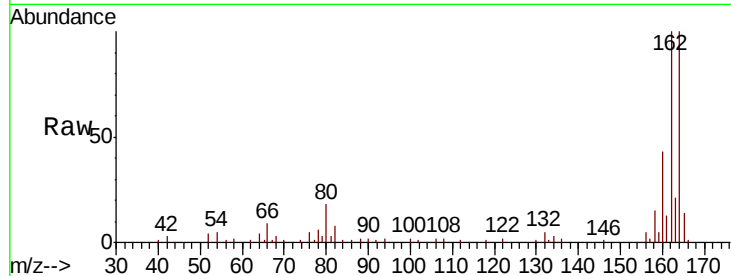




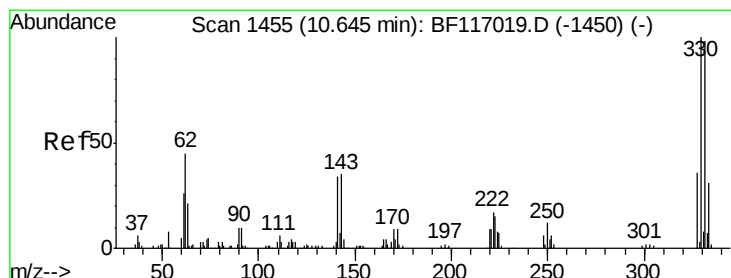
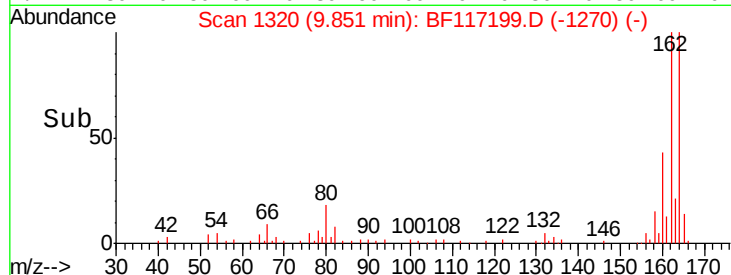
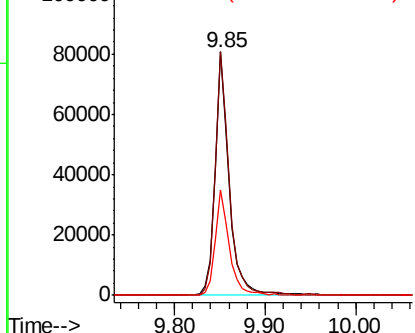
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Instrument :
BNA_F
ClientSampleId :
CL-02-091819

Tot Ion:164 Resp: 87052
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.2
160 43.3 36.4 54.6

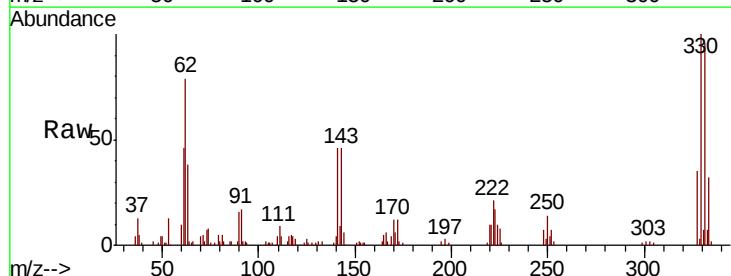


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

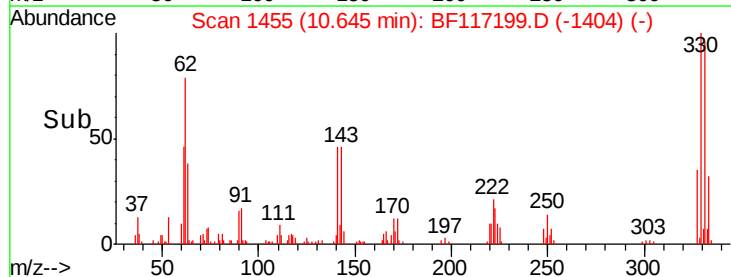
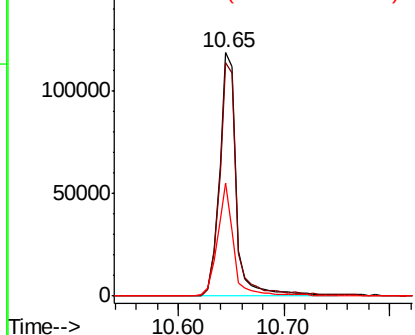


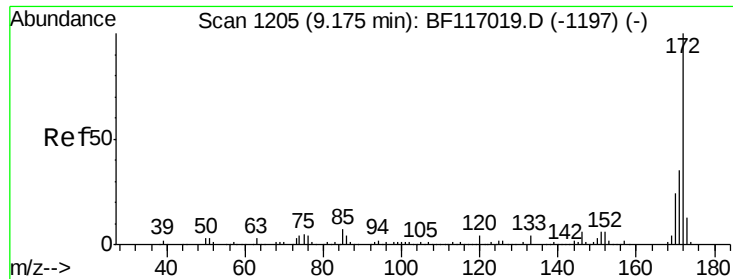
#42
2,4,6-Tribromophenol
Concen: 184.301 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117199.D
Acq: 20 Sep 2019 21:24

Tgt Ion:330 Resp: 134089
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 45.2 35.8 53.6



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

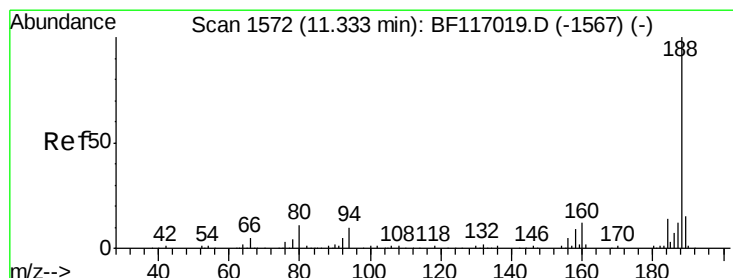
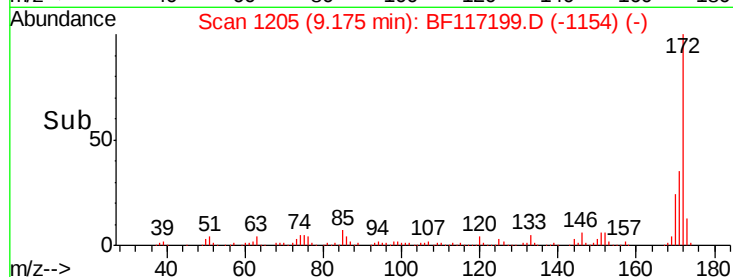
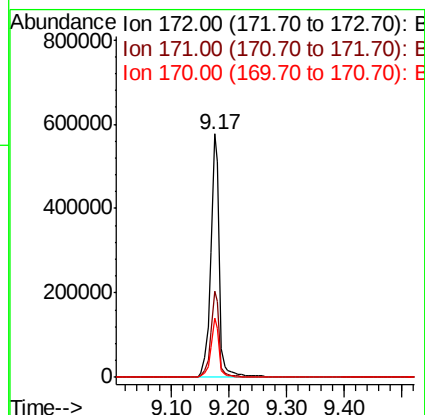
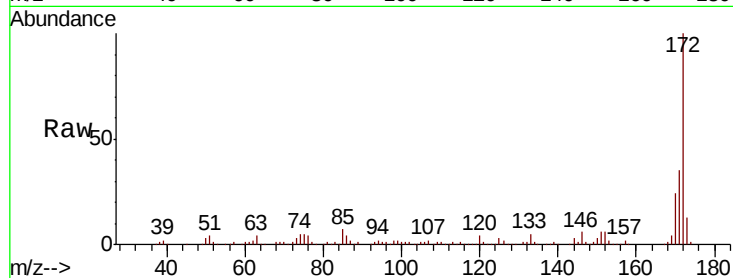




#45
 2-Fluorobiphenyl
 Concen: 110.600 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117199.D
 Acq: 20 Sep 2019 21:24

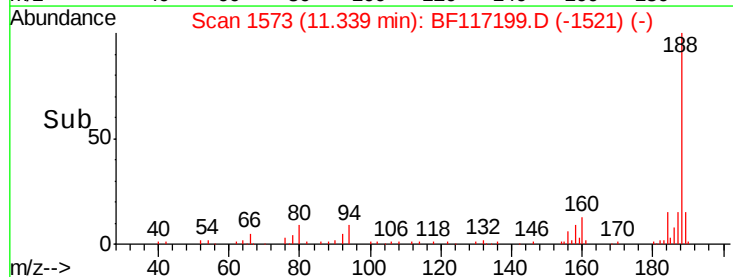
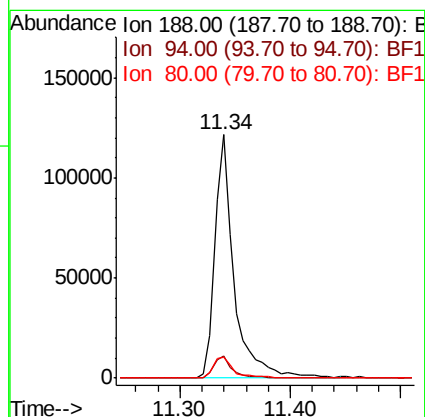
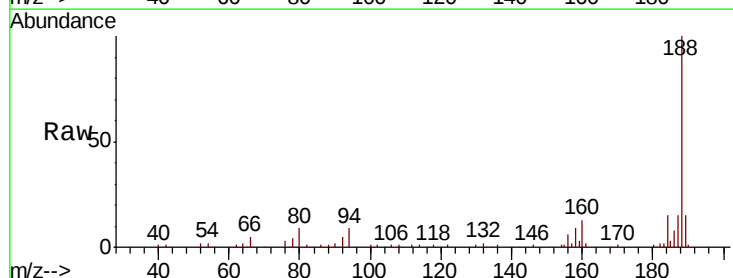
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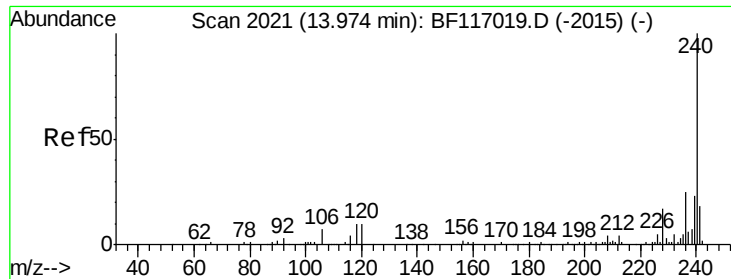
Tot Ion:172 Resp: 615767
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.2
 170 24.3 18.9 28.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF117199.D
 Acq: 20 Sep 2019 21:24

Tgt Ion:188 Resp: 144634
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.2 12.2
 80 8.8 9.0 13.6#

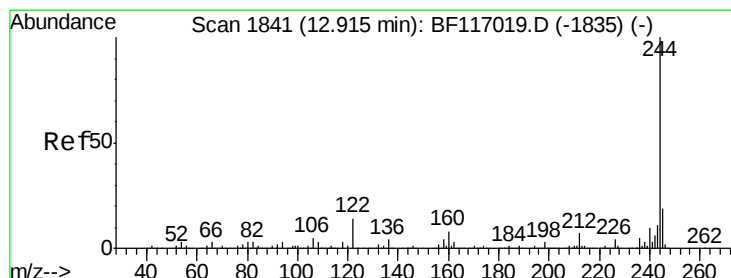
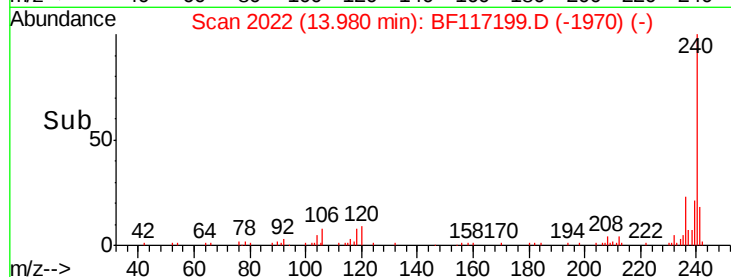
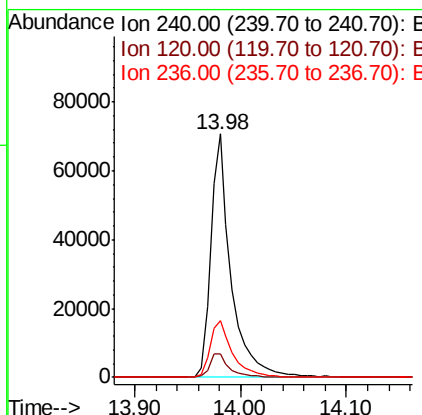
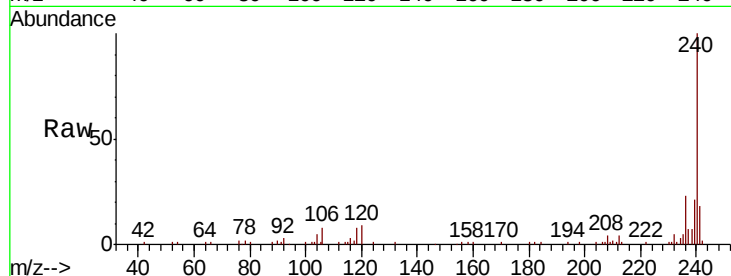




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117199.D
 Acq: 20 Sep 2019 21:24

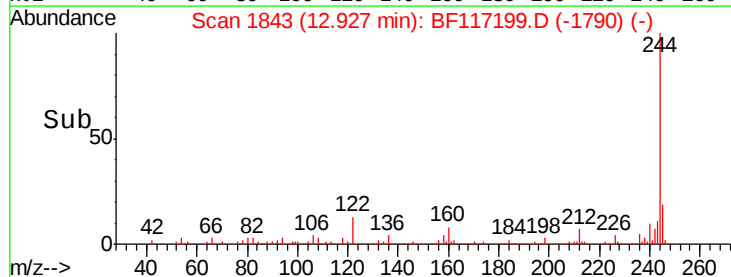
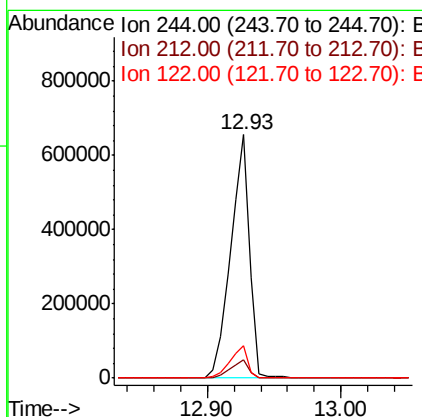
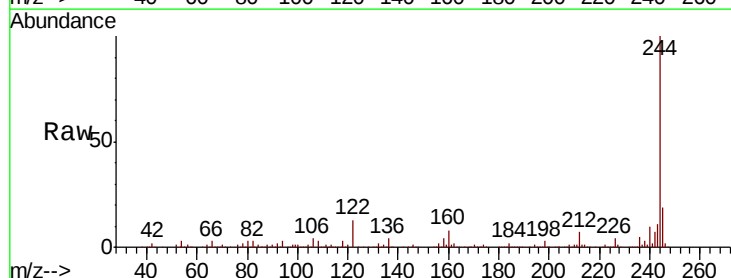
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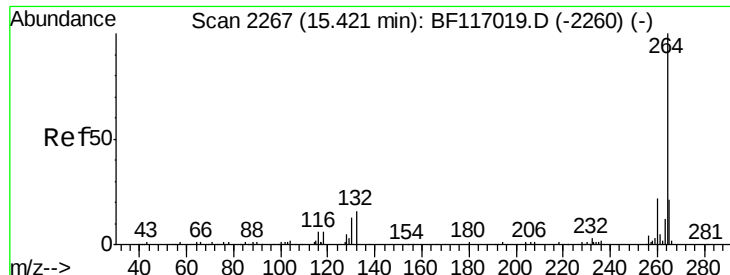
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	23.1	20.3	30.5



#79
 Terphenyl-d14
 Concen: 130.430 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117199.D
 Acq: 20 Sep 2019 21:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.4	11.3	16.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117199.D
 Acq: 20 Sep 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-091819

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.6	26.4
265	21.1	16.6	24.8

