

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121338.D
 Acq On : 20 Aug 2020 10:38
 Operator : JU/CG
 Sample : L3712-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27137

Quant Time: Aug 20 11:30:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

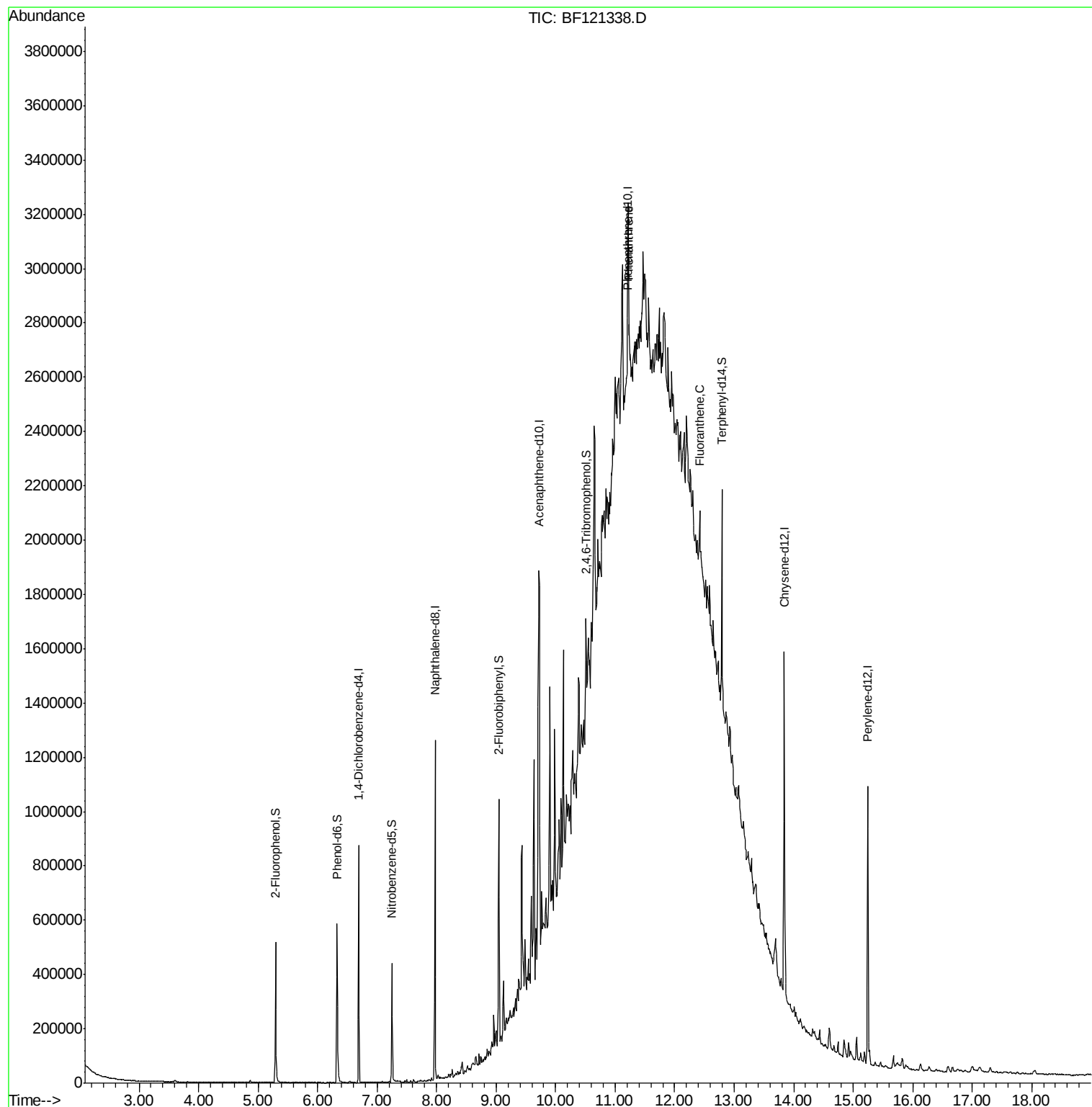
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	141635	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	545048	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271919	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	414370	20.00	ng	0.00
76) Chrysene-d12	13.84	240	457348	20.00	ng	0.00
86) Perylene-d12	15.24	264	443599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	161833	18.74	ng	0.00
7) Phenol-d6	6.33	99	203213	18.43	ng	-0.01
23) Nitrobenzene-d5	7.25	82	122316	12.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	55135	17.40	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	248802	5.47	ng	0.00
79) Terphenyl-d14	12.79	244	255358	10.91	ng	0.00
Target Compounds						
71) Phenanthrene	11.23	178	45303	2.112	ng	Qvalue # 67
75) Fluoranthene	12.42	202	64123	2.755	ng	91

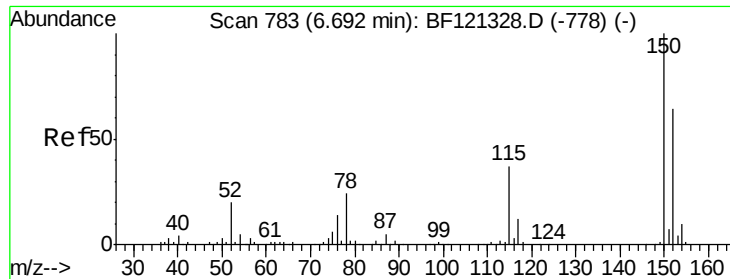
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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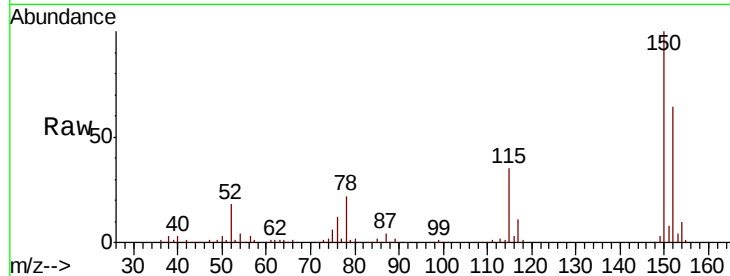


#1

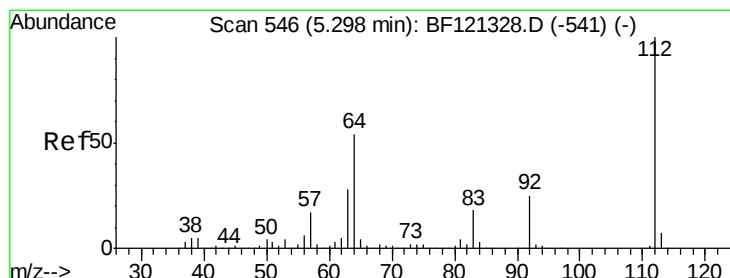
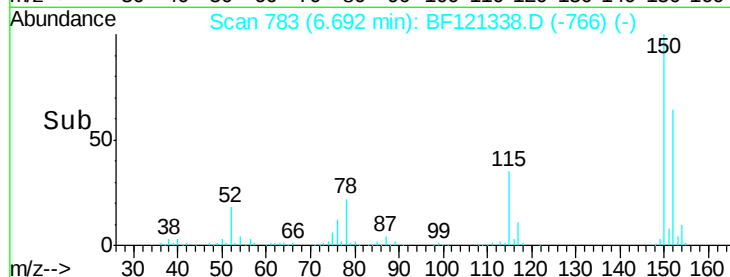
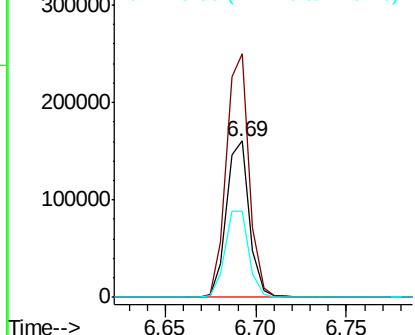
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121338.D
Acq: 20 Aug 2020 10:38

Instrument :
BNA_F
ClientSampleId :
CHRT-27137

Tot Ion:152 Resp: 141635
Ion Ratio Lower Upper
152 100
150 156.0 124.8 187.2
115 55.0 46.1 69.1



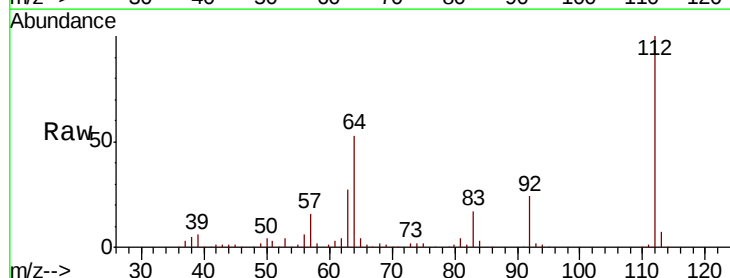
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



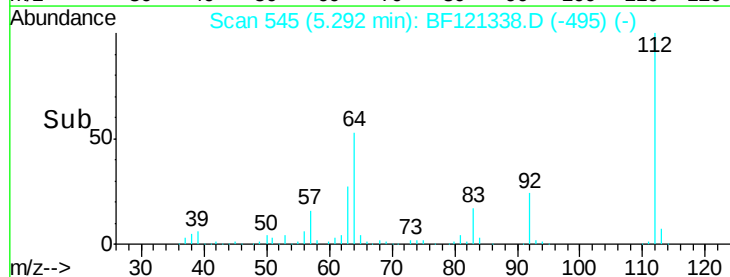
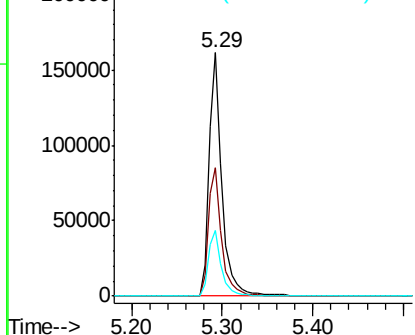
#5

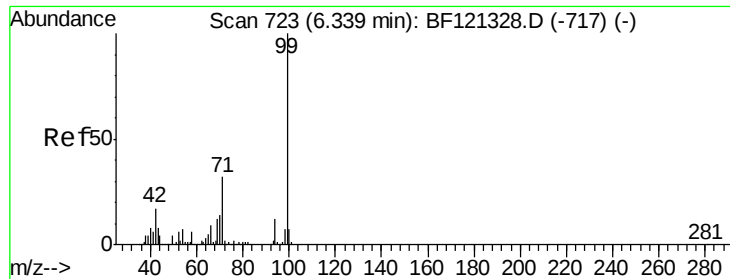
2-Fluorophenol
Concen: 18.736 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF121338.D
Acq: 20 Aug 2020 10:38

Tgt Ion:112 Resp: 161833
Ion Ratio Lower Upper
112 100
64 52.6 43.5 65.3
63 27.0 22.0 33.0



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: 18.429 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121338.D

Acq: 20 Aug 2020 10:38

Instrument :

BNA_F

ClientSampleId :

CHRT-27137

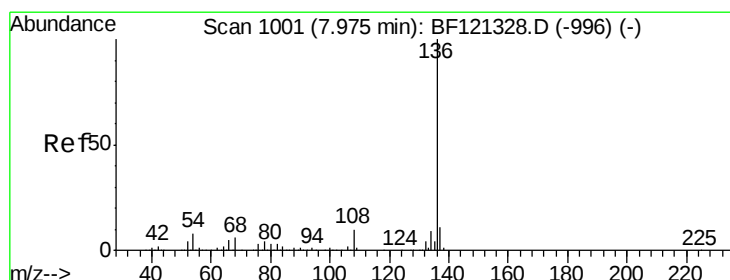
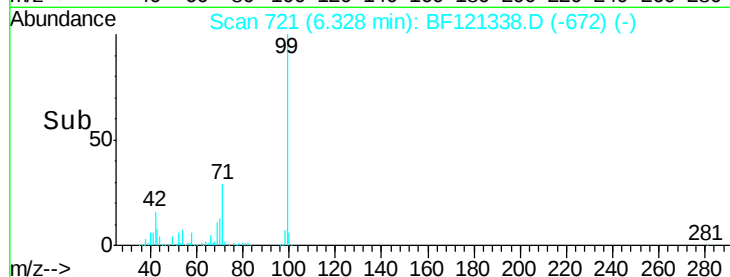
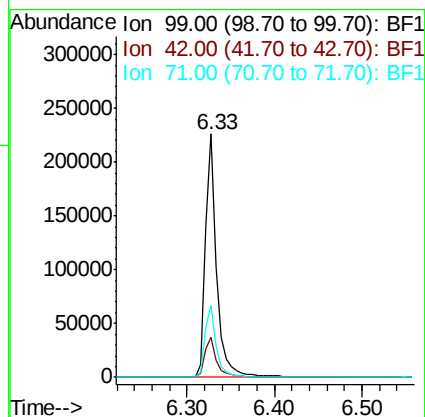
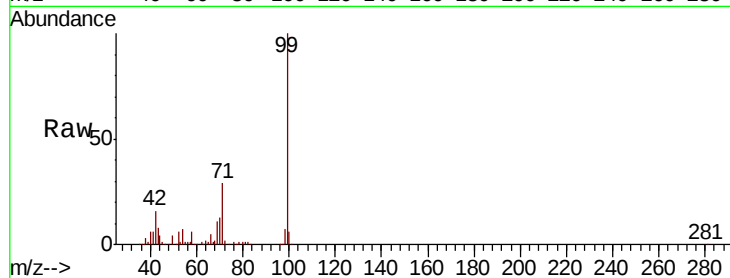
Tot Ion: 99 Resp: 203213

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 29.5 25.2 37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121338.D

Acq: 20 Aug 2020 10:38

Tgt Ion: 136 Resp: 545048

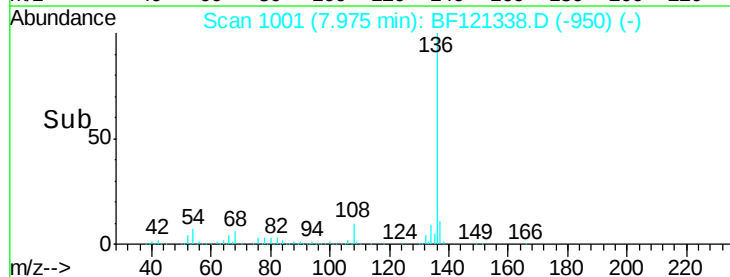
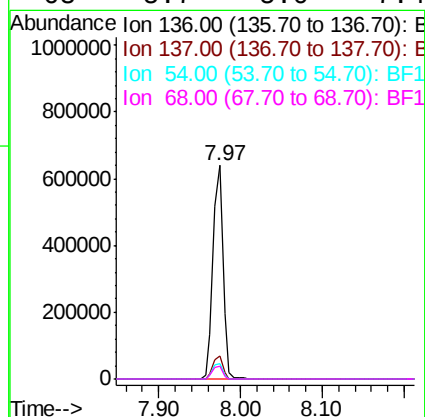
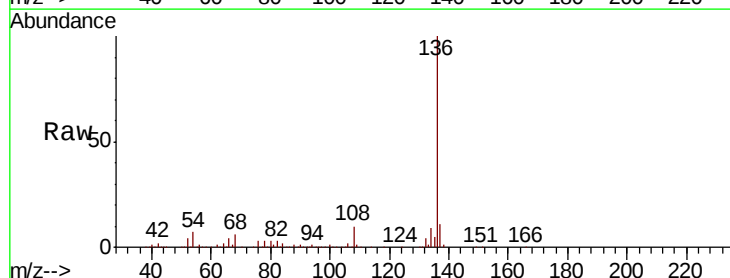
Ion Ratio Lower Upper

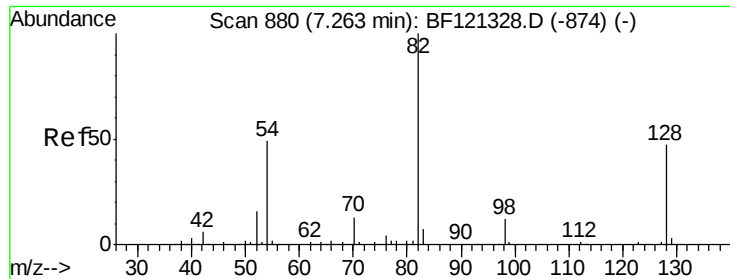
136 100

137 10.9 8.9 13.3

54 7.0 6.1 9.1

68 5.7 5.0 7.4

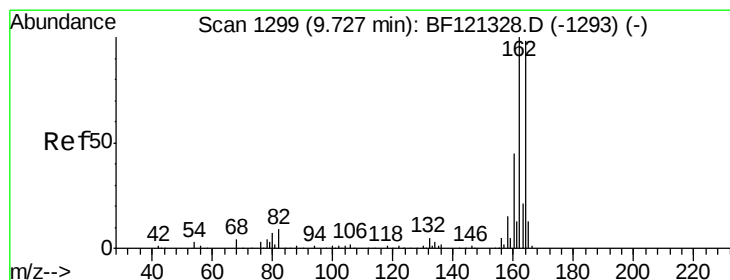
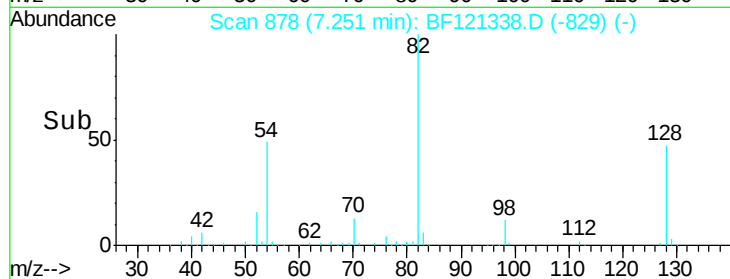
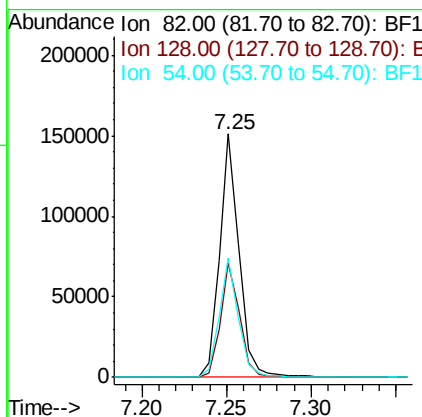
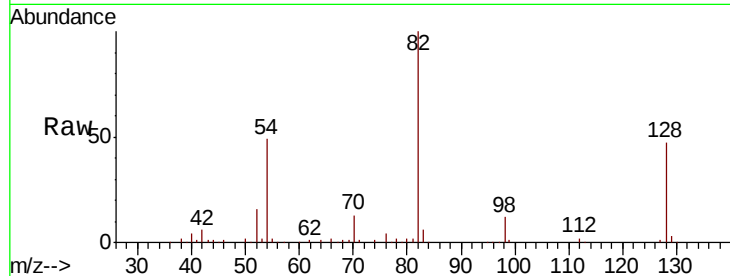




#23
 Nitrobenzene-d5
 Concen: 12.692 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

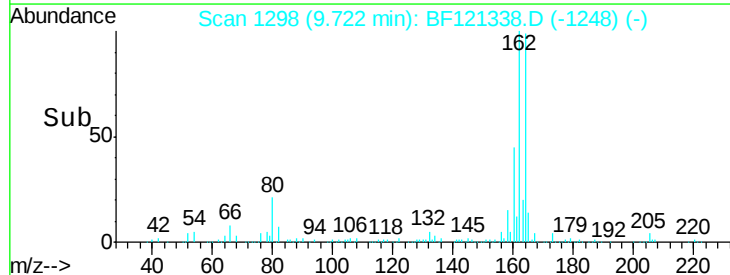
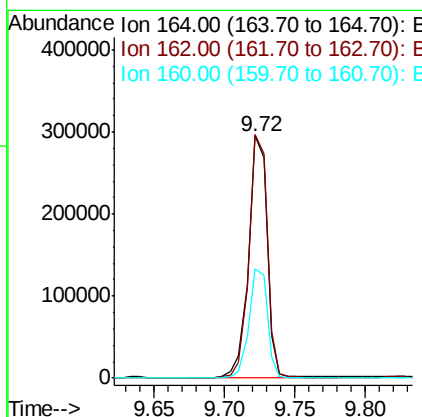
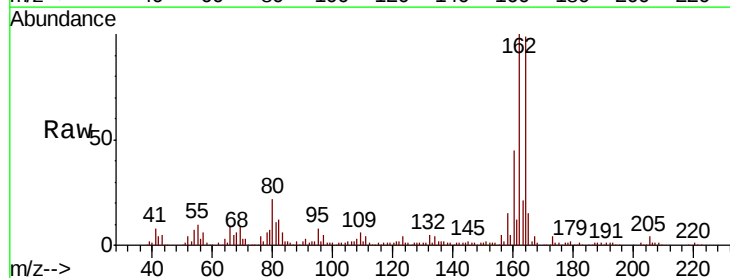
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27137

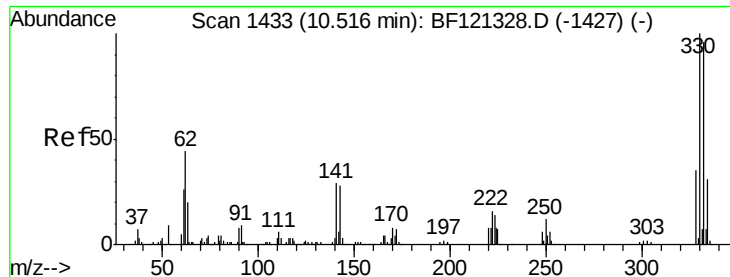
Tot Ion	82	Resp	122316
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.9	56.9
54	49.2	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

Tgt Ion	164	Resp	271919
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.7	122.5
160	44.9	37.0	55.4

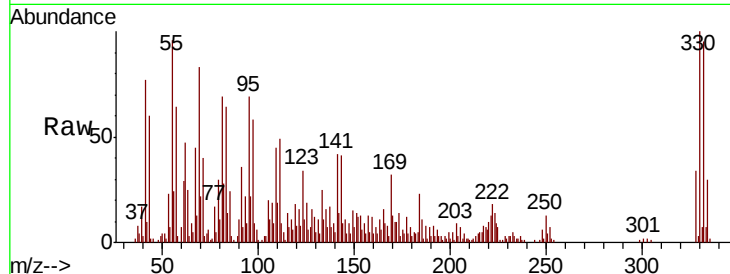




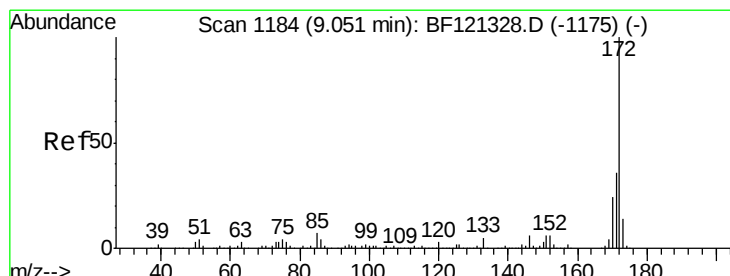
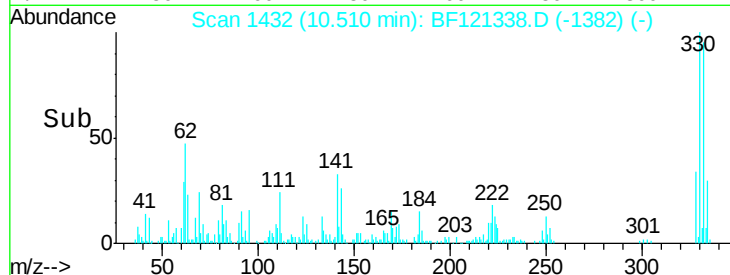
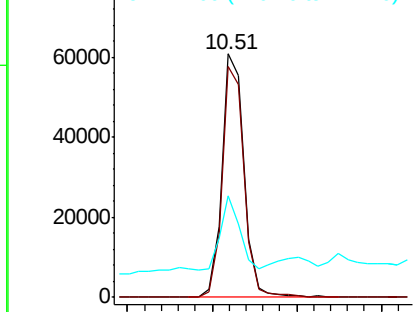
#42
 2,4,6-Tribromophenol
 Concen: 17.400 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27137

Tot Ion:330 Resp: 55135
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.9 115.3
 141 26.3 22.8 34.2

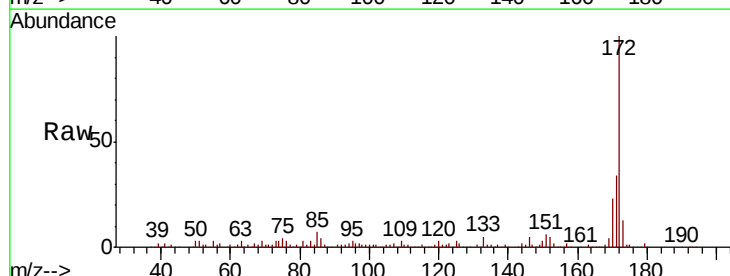


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

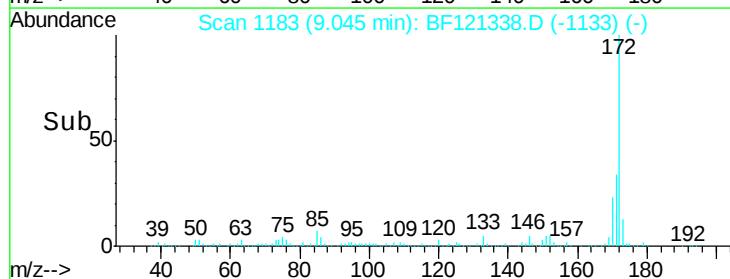
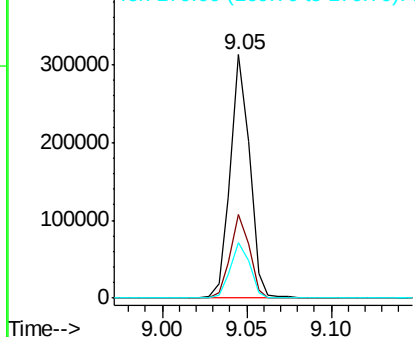


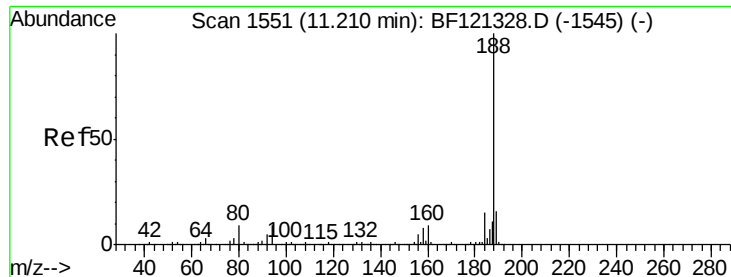
#45
 2-Fluorobiphenyl
 Concen: 5.469 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

Tgt Ion:172 Resp: 248802
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.0 43.6
 170 22.9 19.4 29.2



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

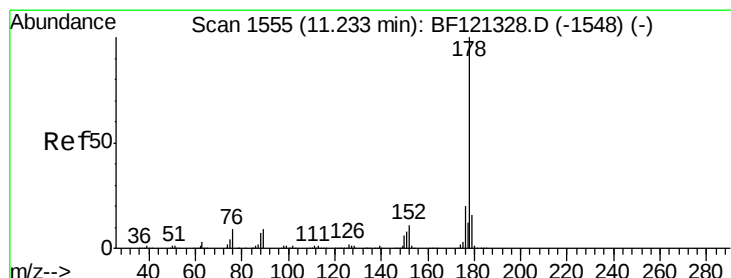
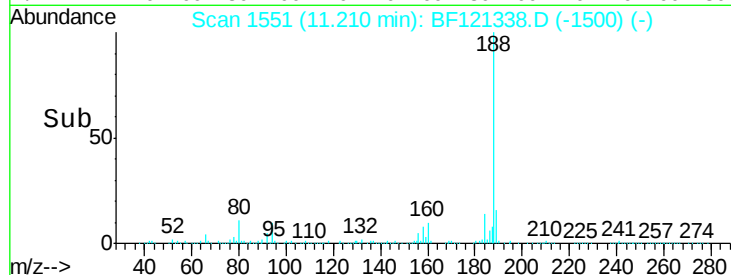
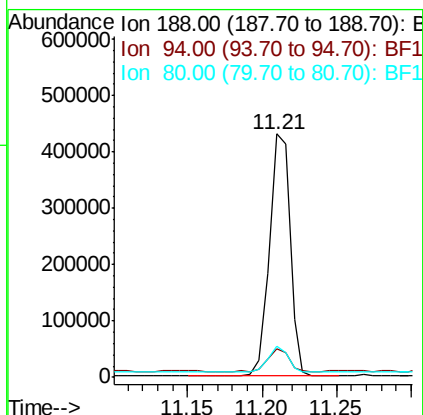
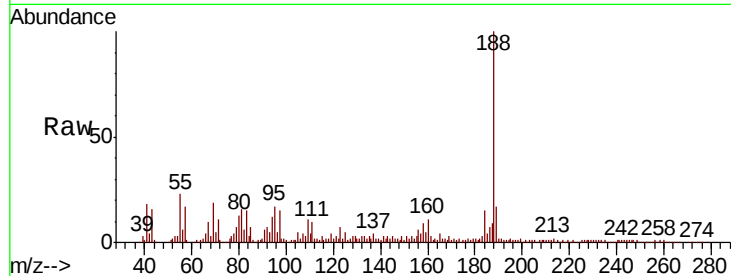




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121338.D
Acq: 20 Aug 2020 10:38

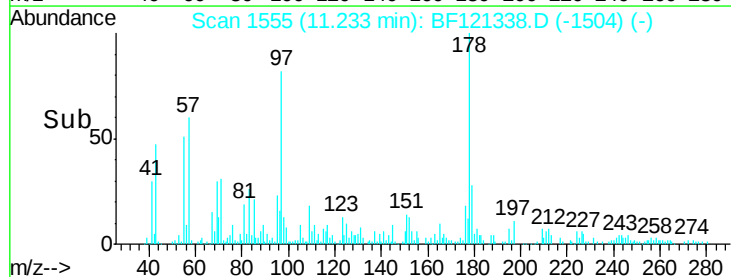
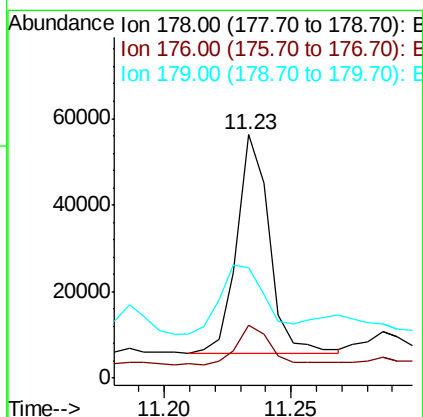
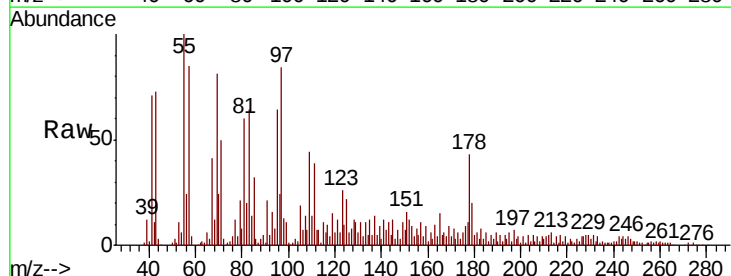
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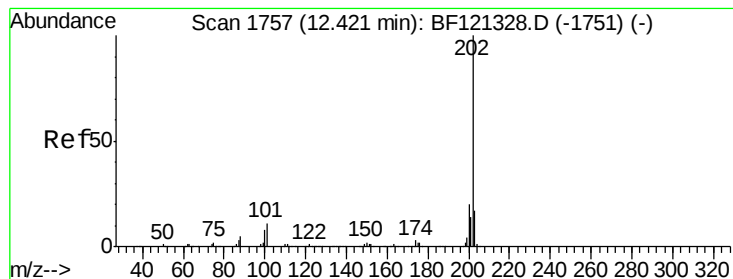
Tot Ion:188 Resp: 414370
Ion Ratio Lower Upper
188 100
94 11.9 7.2 10.8#
80 12.6 7.4 11.0#



#71
Phenanthrene
Concen: 2.112 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121338.D
Acq: 20 Aug 2020 10:38

Tgt Ion:178 Resp: 45303
Ion Ratio Lower Upper
178 100
176 21.7 16.0 24.0
179 45.5 12.8 19.2#





#75

Fluoranthene

Concen: 2.755 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF121338.D

Acq: 20 Aug 2020 10:38

Instrument :

BNA_F

ClientSampleId :

CHRT-27137

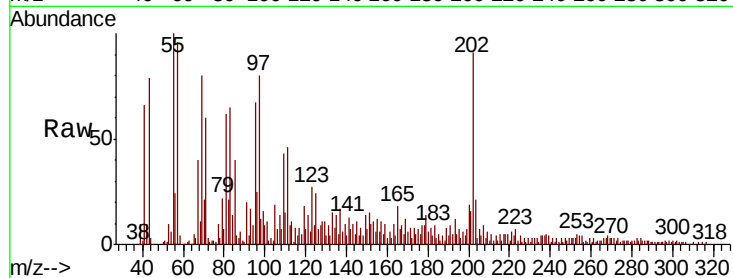
Tot Ion:202 Resp: 64123

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.6

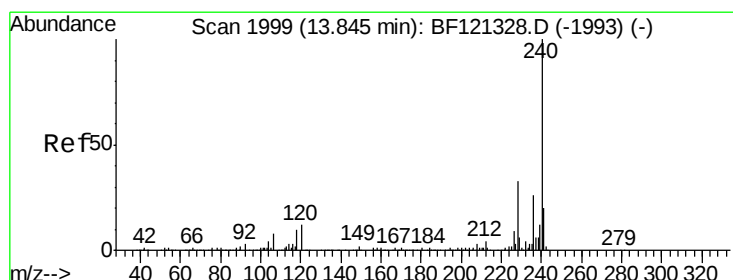
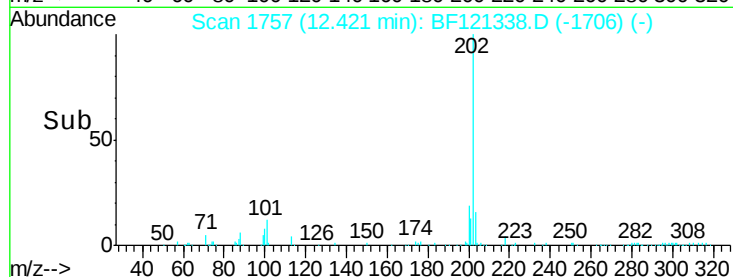
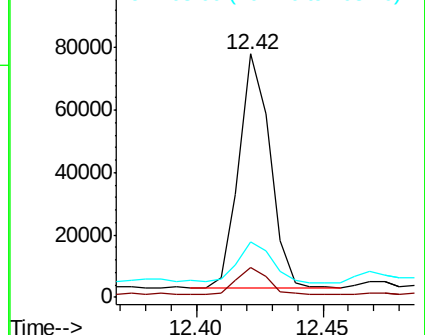
203 22.7 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF121338.D

Acq: 20 Aug 2020 10:38

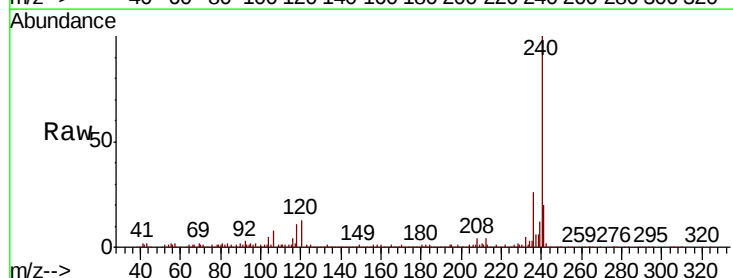
Tgt Ion:240 Resp: 457348

Ion Ratio Lower Upper

240 100

120 12.8 9.6 14.4

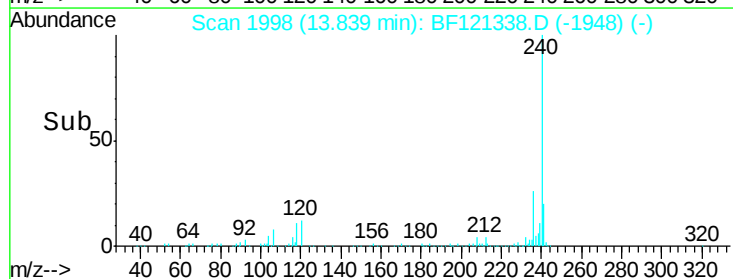
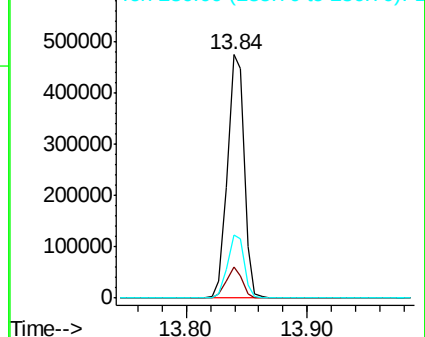
236 26.2 20.6 31.0

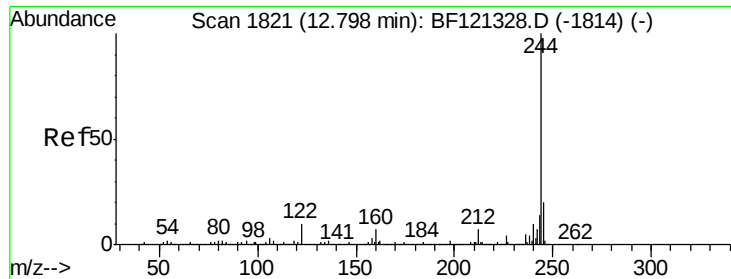


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

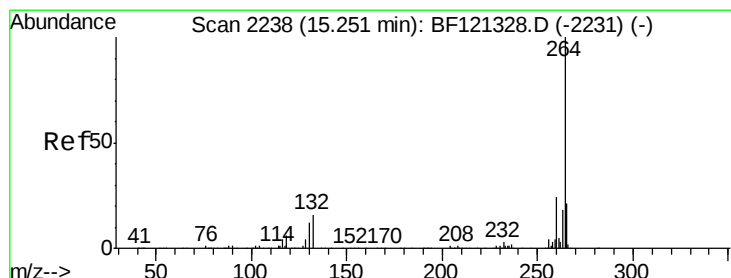
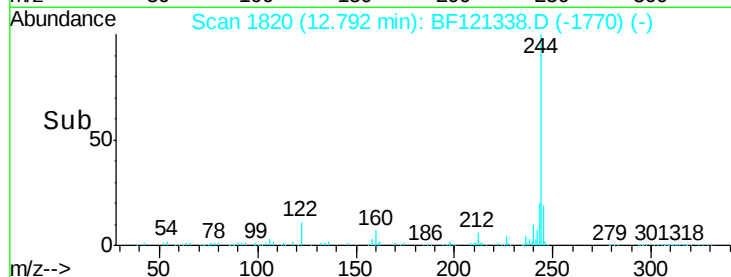
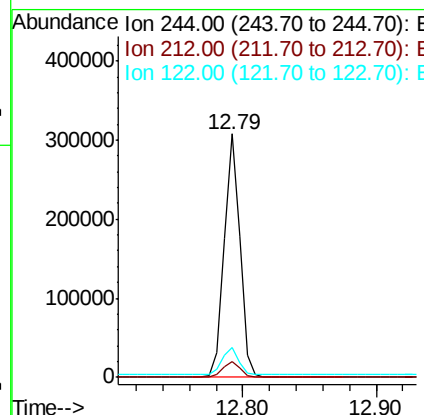
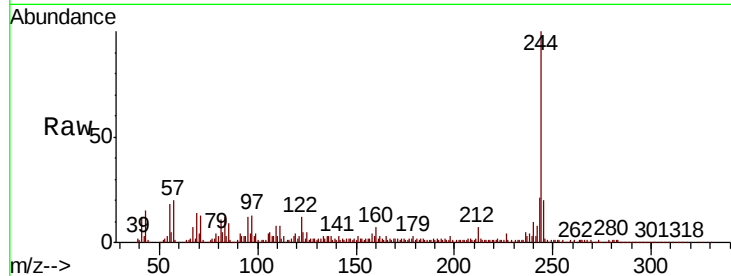




#79
 Terphenyl-d14
 Concen: 10.911 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27137

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.2	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF121338.D
 Acq: 20 Aug 2020 10:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.1	25.7

