

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119429.D
 Acq On : 18 Mar 2020 21:55
 Operator : CG/JU
 Sample : L1907-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SA

Quant Time: Mar 19 07:11:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

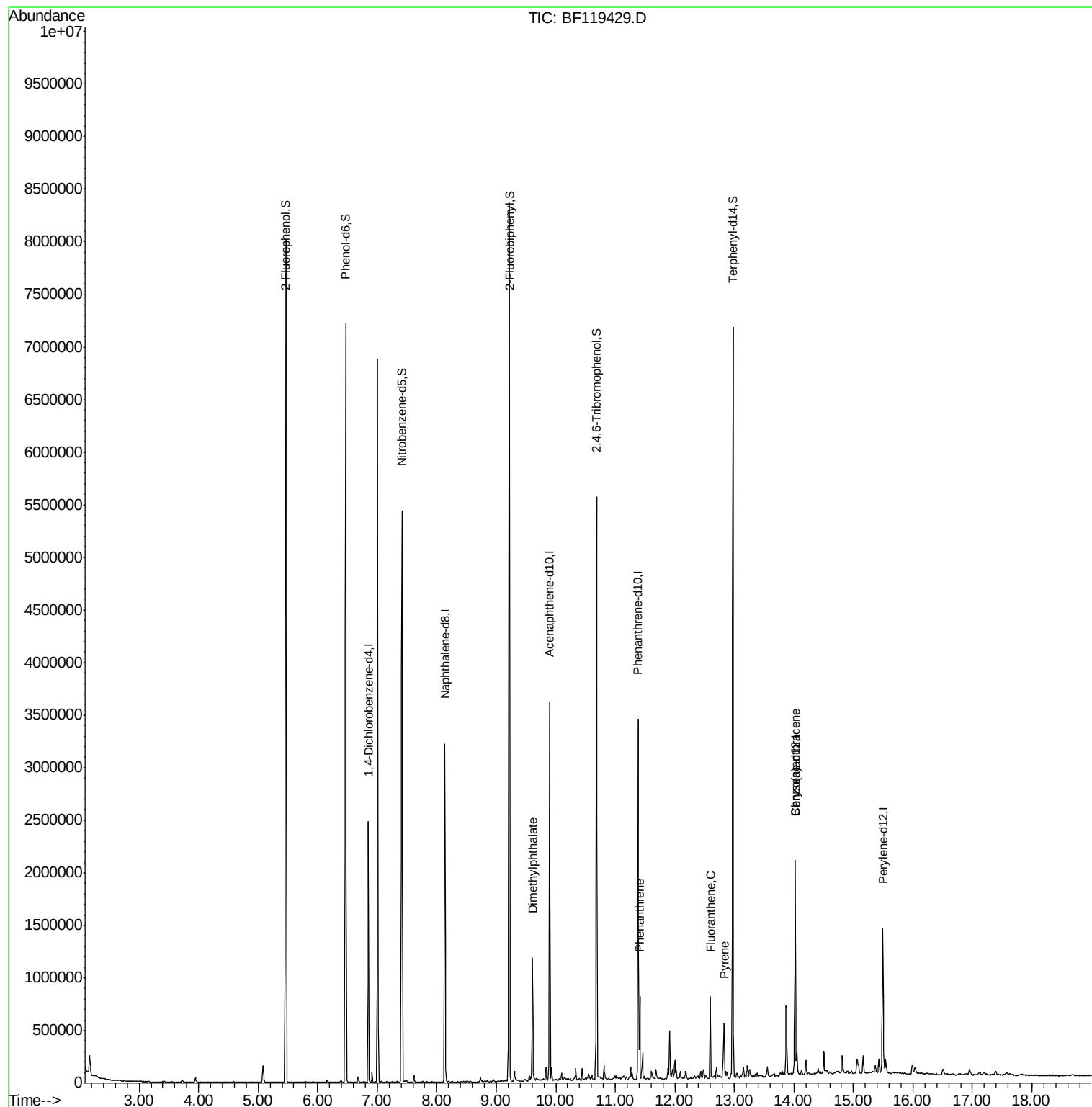
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	356421	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1337527	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	663793	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1164879	20.00	ng	0.00
76) Chrysene-d12	14.02	240	685426	20.00	ng	-0.01
87) Perylene-d12	15.50	264	649315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2126110	94.96	ng	0.01
7) Phenol-d6	6.47	99	2656844	92.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	1650044	67.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	633584	92.52	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2697720	60.21	ng	0.00
79) Terphenyl-d14	12.97	244	2447110	69.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	393532	8.346	ng	99
71) Phenanthrene	11.41	178	281686	4.664	ng	97
75) Fluoranthene	12.60	202	286226	4.379	ng	95
78) Pyrene	12.83	202	226758	4.031	ng	96
81) Benzo(a)anthracene	14.02	228	99916	2.242	ng	98

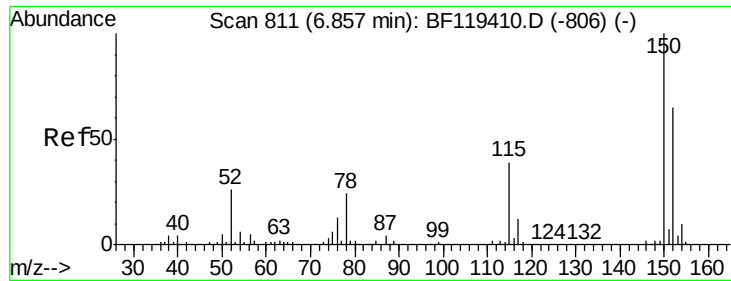
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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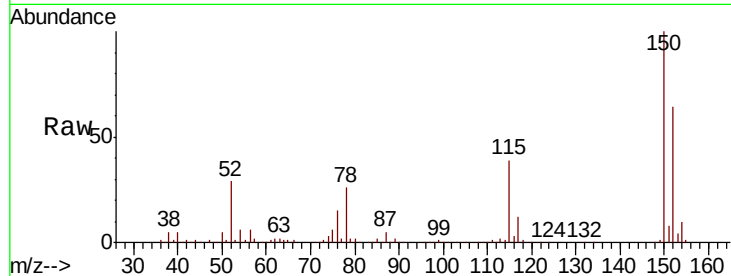


#1

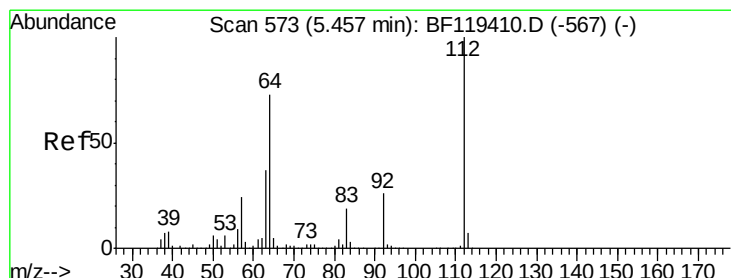
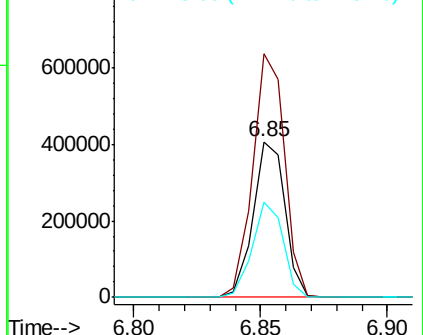
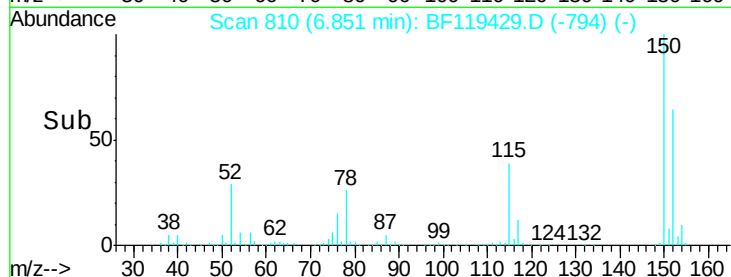
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Instrument :
BNA_F
ClientSampleId :
TP-9-SA

Tot Ion:152 Resp: 356421
Ion Ratio Lower Upper
152 100
150 156.3 123.9 185.9
115 60.9 47.8 71.6



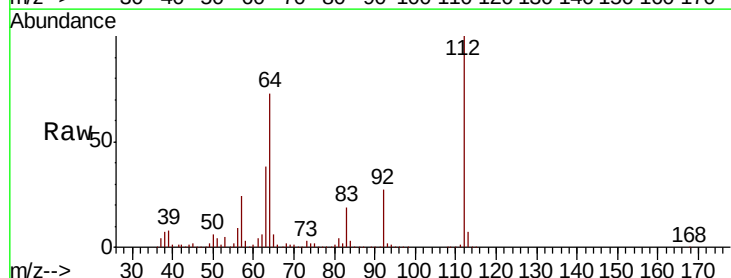
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



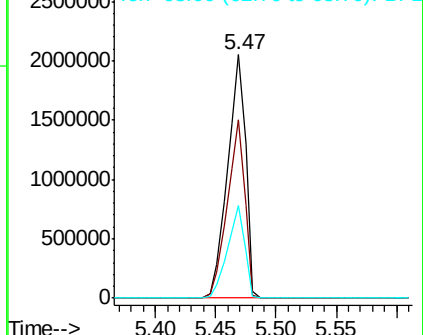
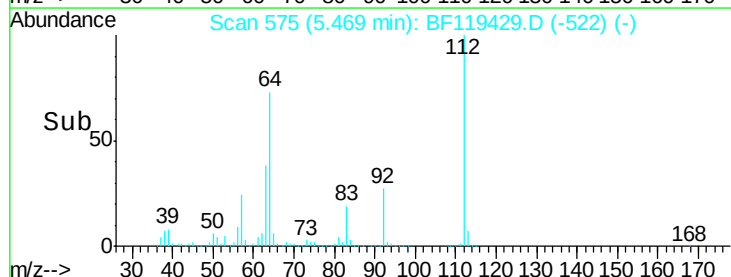
#5

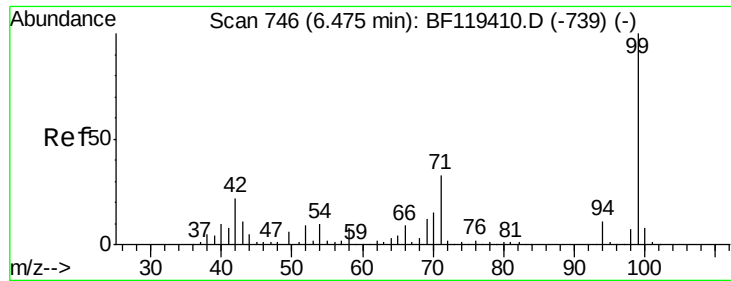
2-Fluorophenol
Concen: 94.960 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Tgt Ion:112 Resp: 2126110
Ion Ratio Lower Upper
112 100
64 73.1 58.1 87.1
63 37.9 29.7 44.5



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: 92.893 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

Instrument :

BNA_F

ClientSampleId :

TP-9-SA

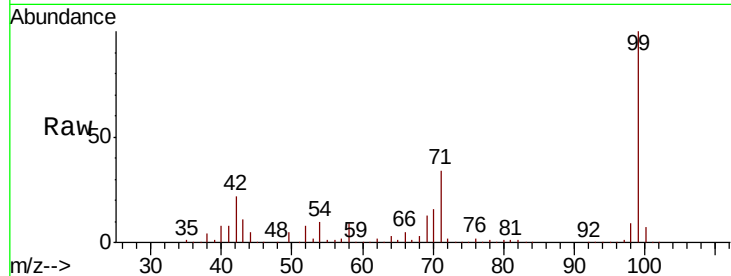
Tot Ion: 99 Resp: 2656844

Ion Ratio Lower Upper

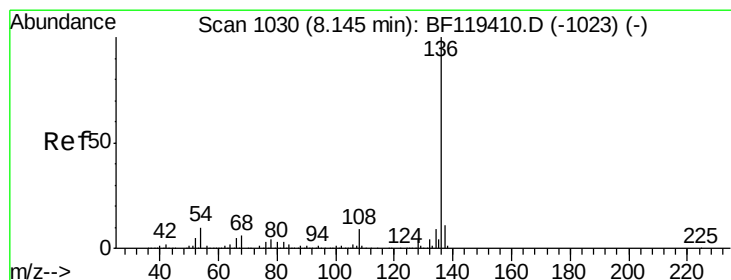
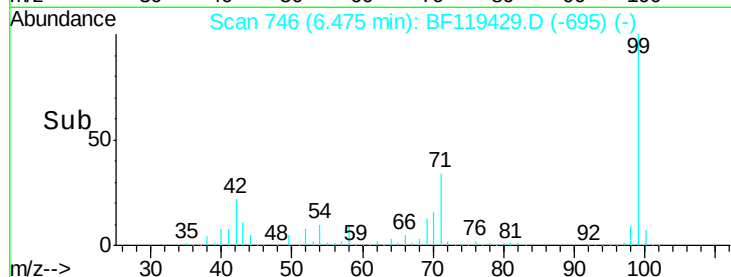
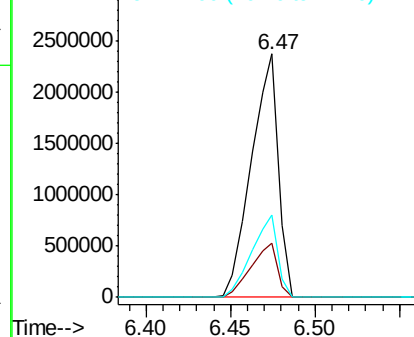
99 100

42 22.0 17.8 26.6

71 33.8 26.0 39.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

Tgt Ion:136 Resp: 1337527

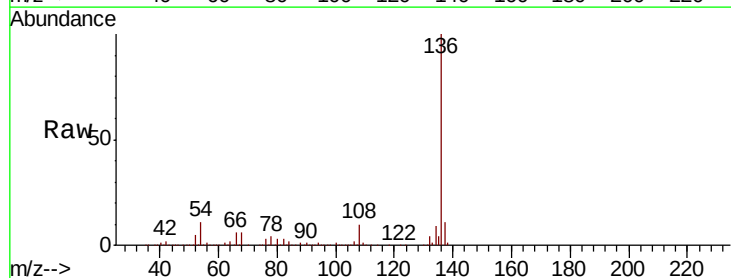
Ion Ratio Lower Upper

136 100

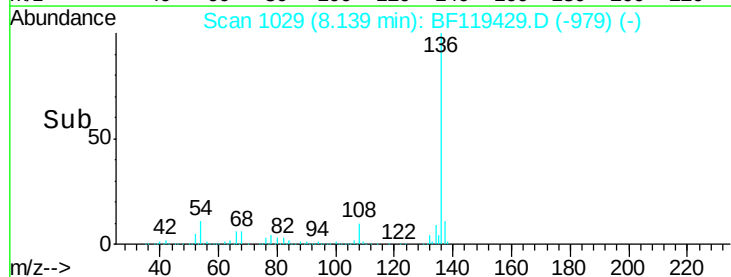
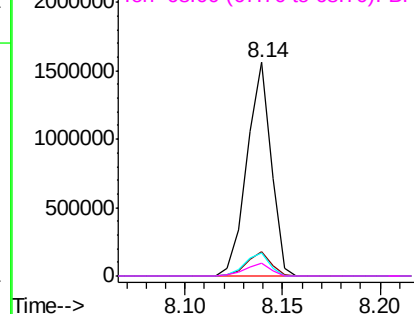
137 11.4 8.4 12.6

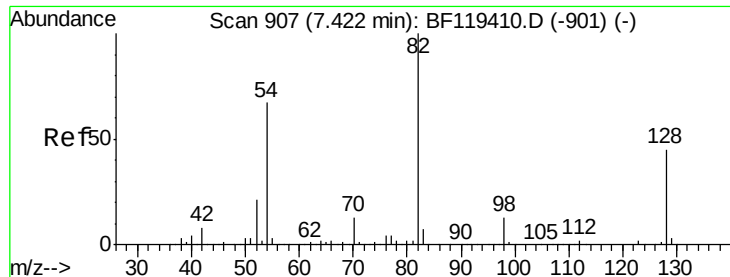
54 11.1 8.3 12.5

68 6.3 4.9 7.3



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

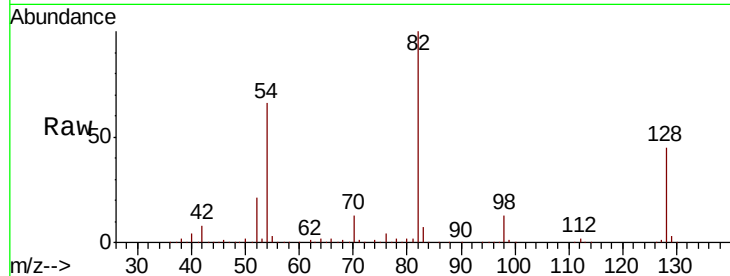




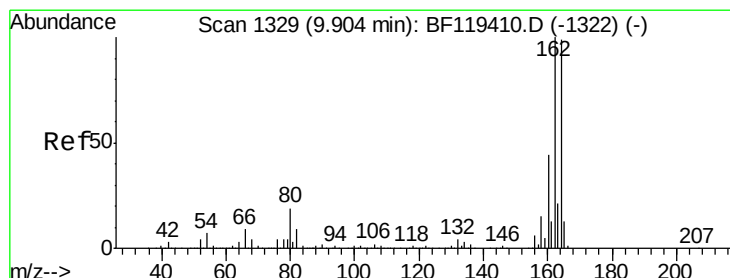
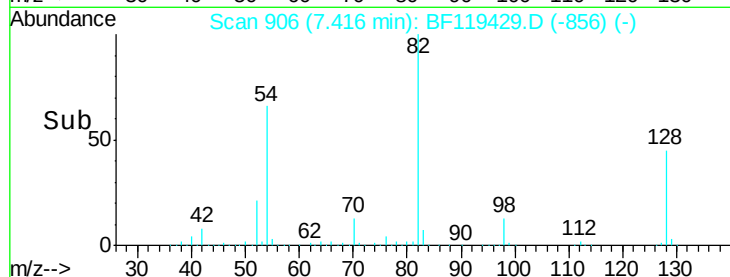
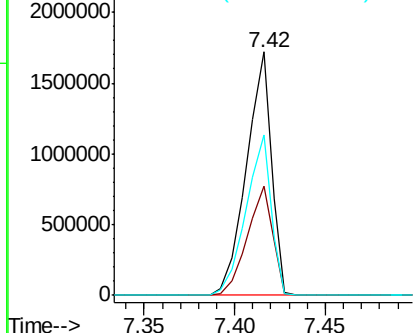
#23
Nitrobenzene-d5
Concen: 67.046 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Instrument :
BNA_F
ClientSampleId :
TP-9-SA

Tot Ion: 82 Resp: 1650044
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.8
54 65.7 53.4 80.0

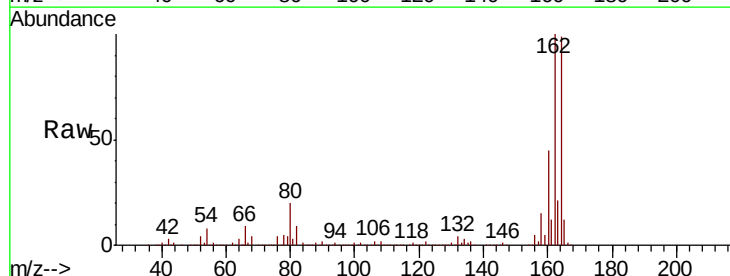


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

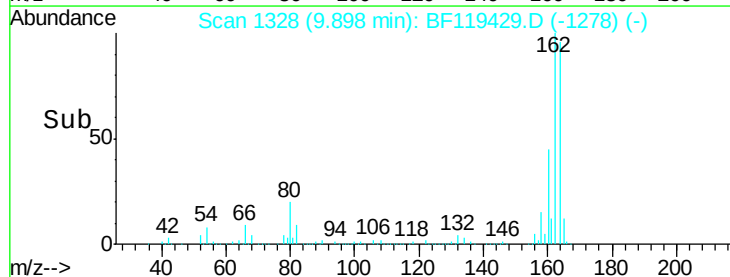
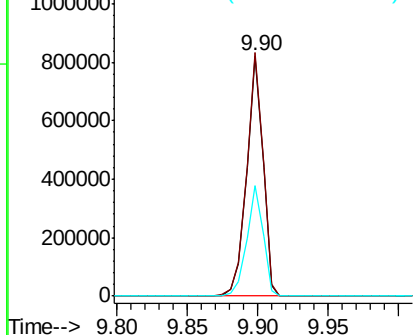


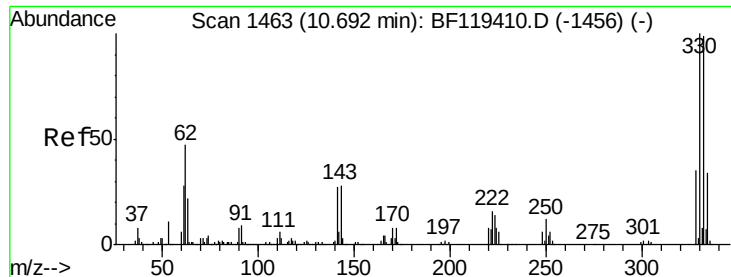
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Tgt Ion: 164 Resp: 663793
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 45.8 35.5 53.3



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

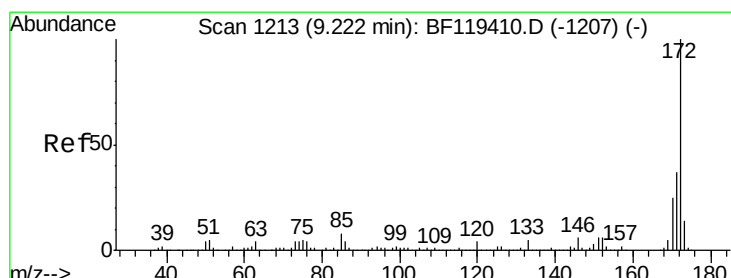
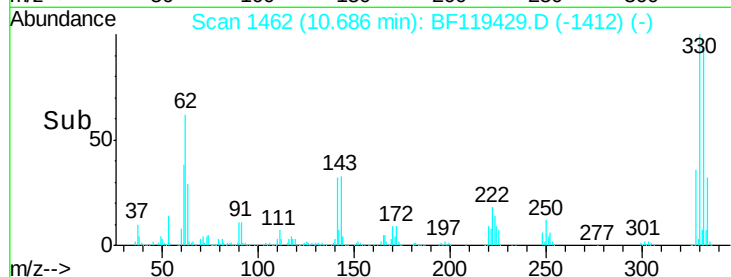
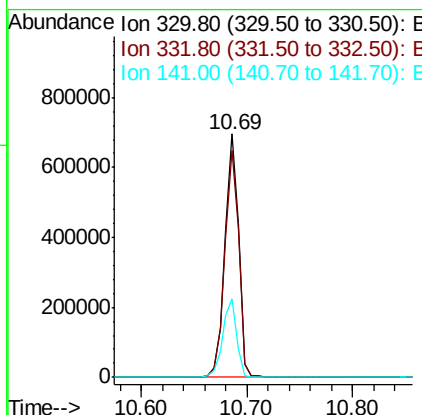
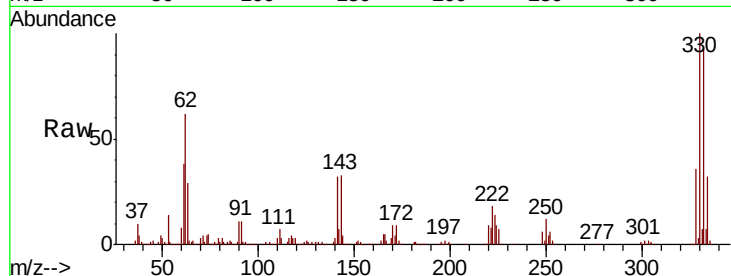




#42
 2,4,6-Tribromophenol
 Concen: 92.519 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119429.D
 Acq: 18 Mar 2020 21:55

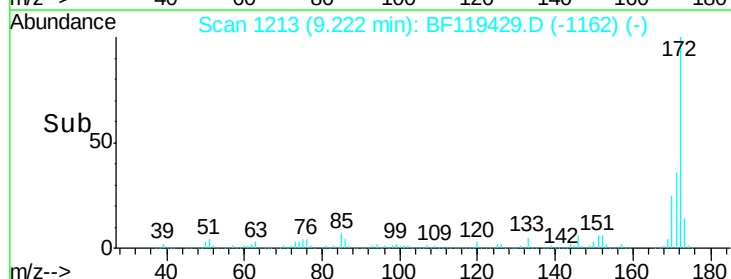
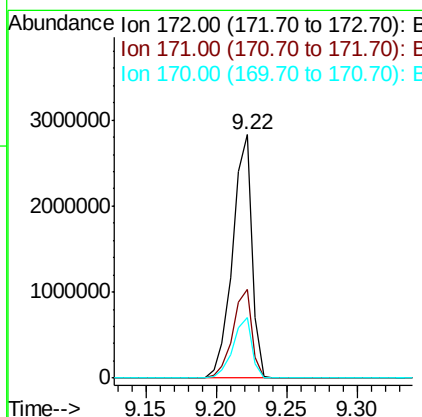
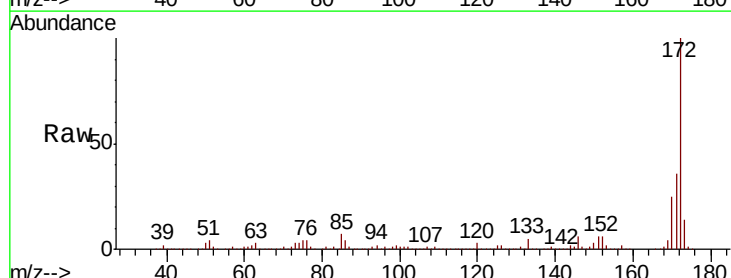
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SA

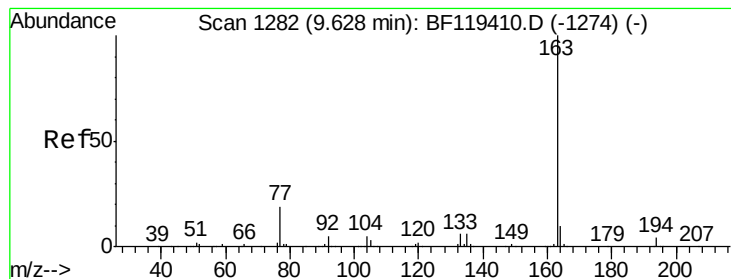
Tot Ion:330 Resp: 633584
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 33.1 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 60.208 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF119429.D
 Acq: 18 Mar 2020 21:55

Tgt Ion:172 Resp: 2697720
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 24.8 20.1 30.1





#50

Dimethylphthalate

Concen: 8.346 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

Instrument :

BNA_F

ClientSampleId :

TP-9-SA

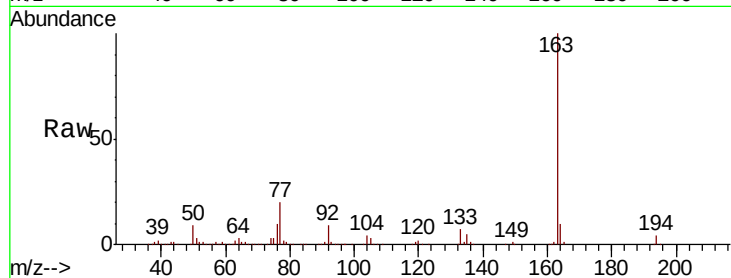
Tot Ion:163 Resp: 393532

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

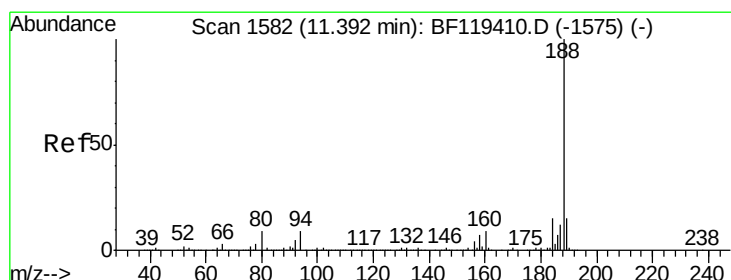
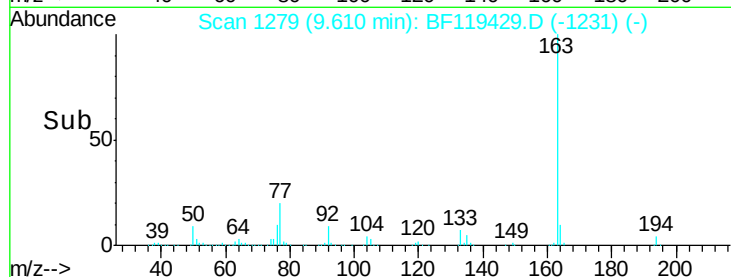
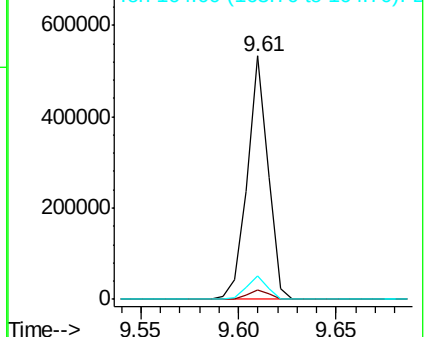
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

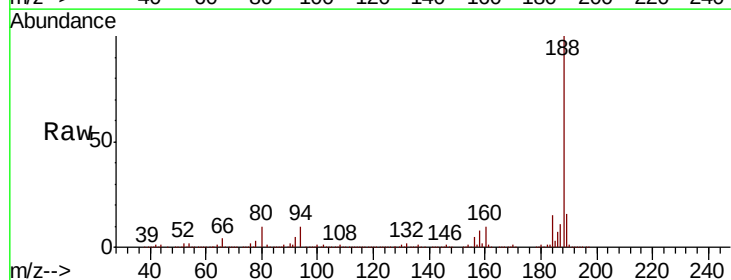
Tgt Ion:188 Resp: 1164879

Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

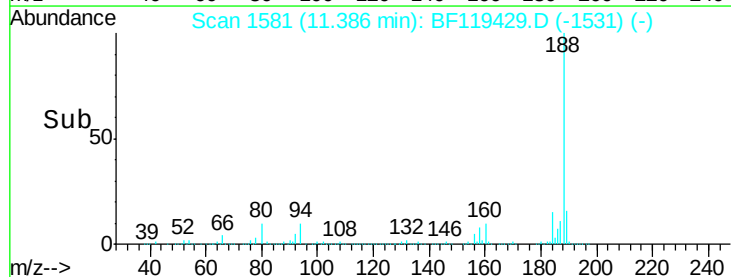
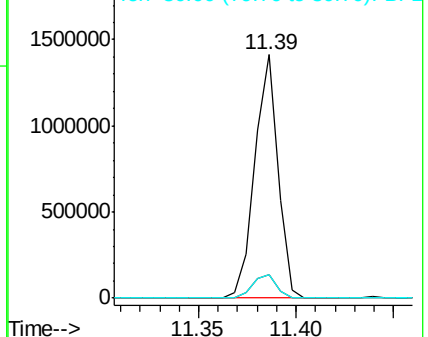
80 9.9 7.5 11.3

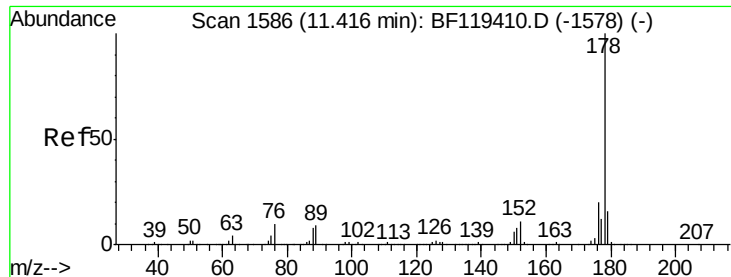


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 4.664 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

Instrument :

BNA_F

ClientSampleId :

TP-9-SA

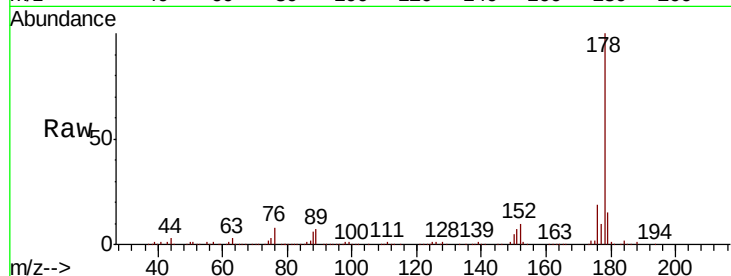
Tot Ion:178 Resp: 281686

Ion Ratio Lower Upper

178 100

176 18.9 16.2 24.4

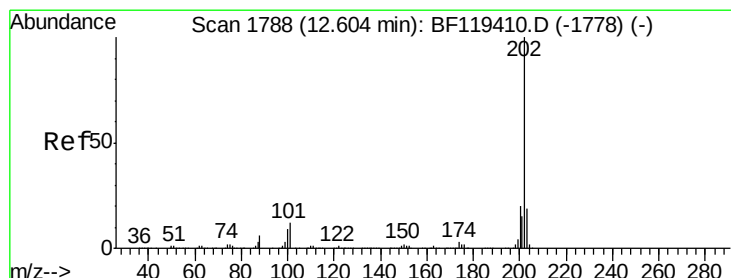
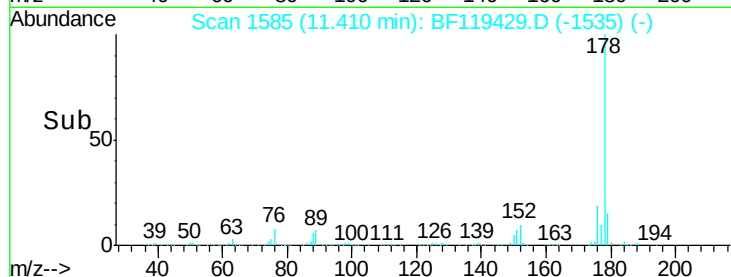
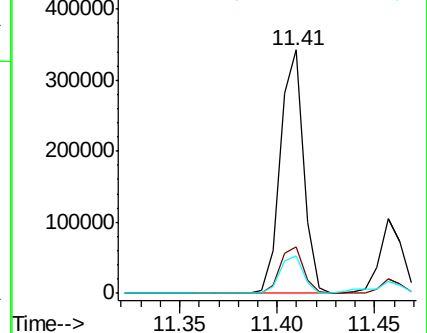
179 15.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.379 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119429.D

Acq: 18 Mar 2020 21:55

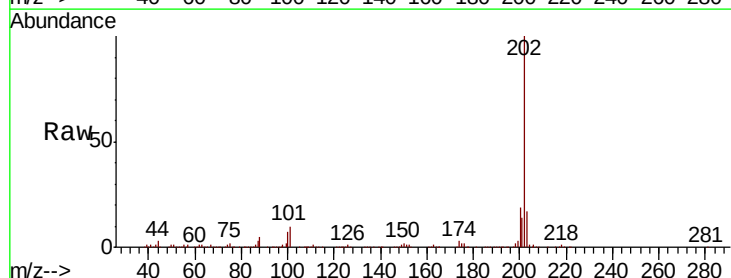
Tgt Ion:202 Resp: 286226

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.4

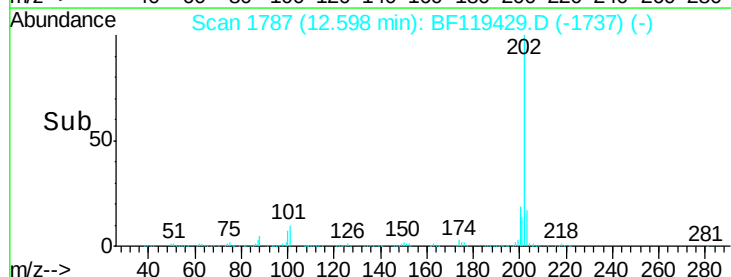
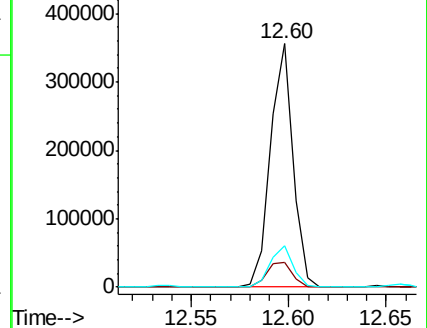
203 16.7 0.0 38.5

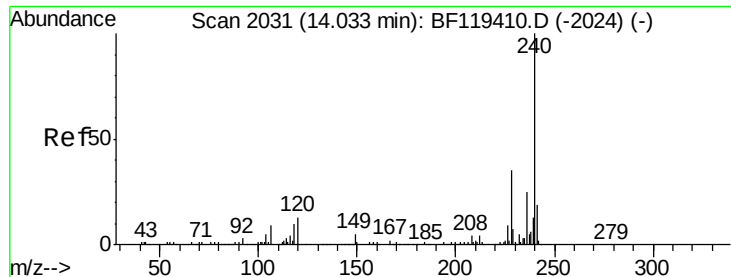


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

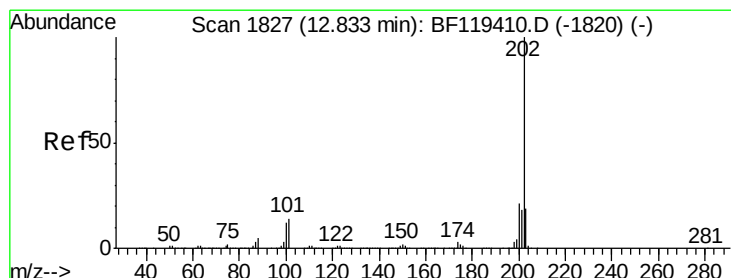
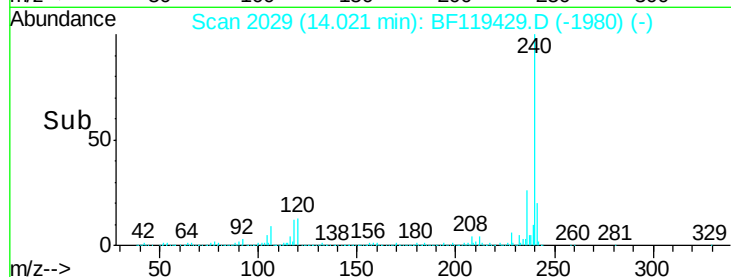
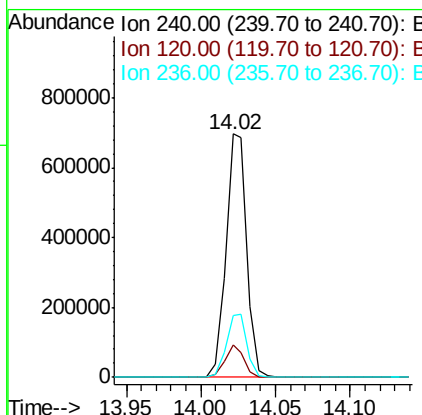
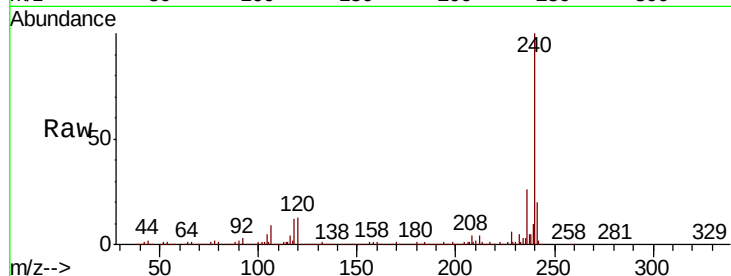




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

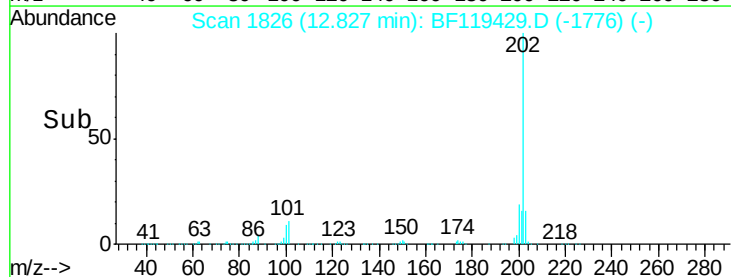
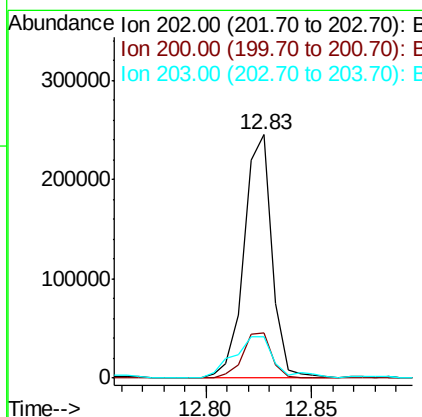
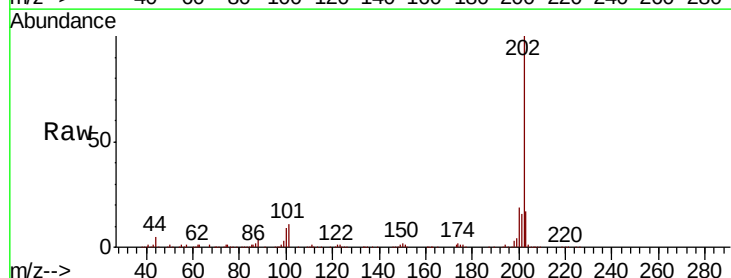
Instrument :
BNA_F
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TP-9-SA

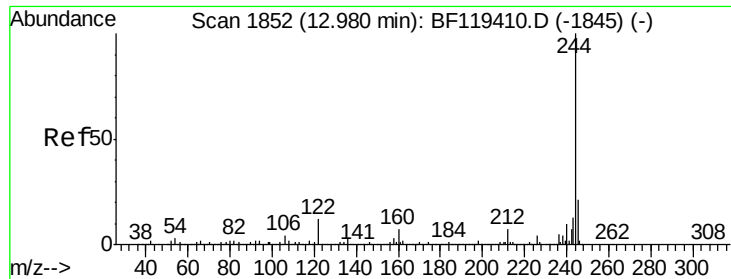
Tot Ion:240 Resp: 685426
Ion Ratio Lower Upper
240 100
120 13.3 10.2 15.4
236 25.7 20.4 30.6



#78
Pyrene
Concen: 4.031 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Tgt Ion:202 Resp: 226758
Ion Ratio Lower Upper
202 100
200 18.6 16.8 25.2
203 16.9 14.8 22.2

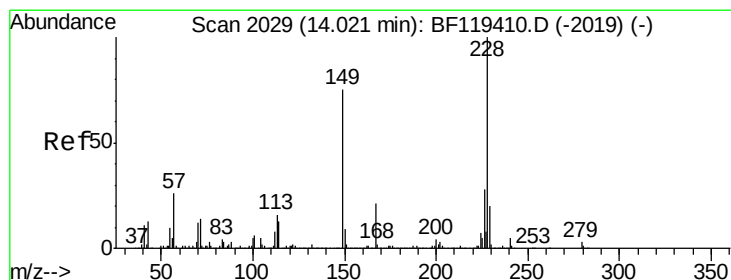
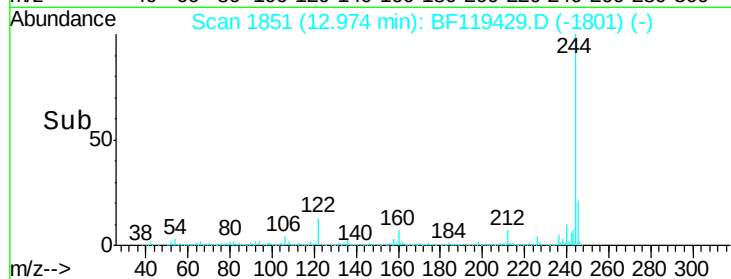
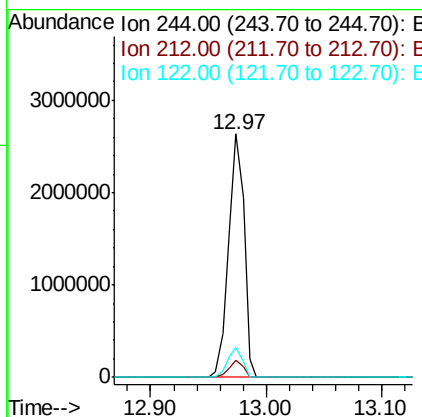
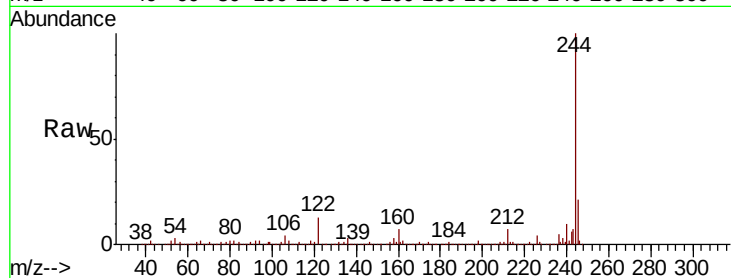




#79
 Terphenyl-d14
 Concen: 69.948 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119429.D
 Acq: 18 Mar 2020 21:55

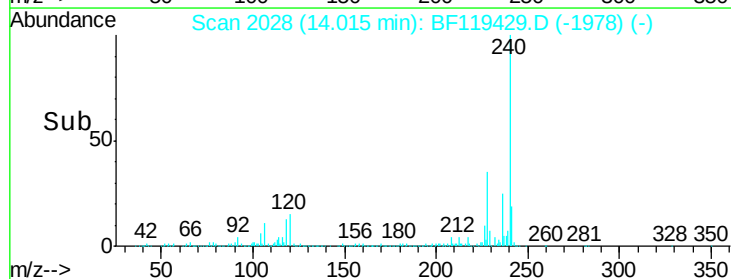
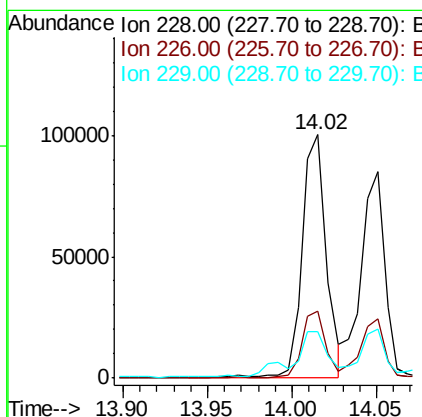
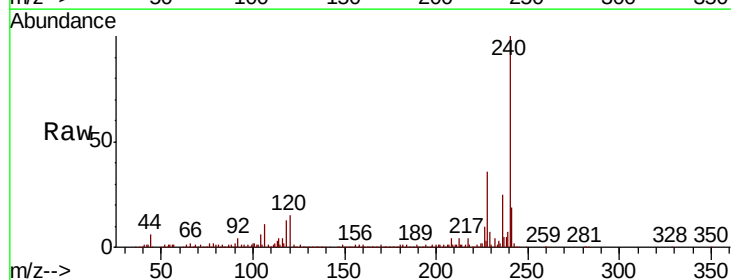
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-SA

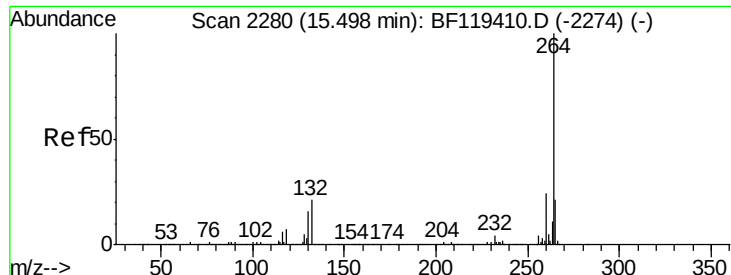
Tot Ion:244 Resp: 2447110
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 12.5 9.8 14.8



#81
 Benzo(a)anthracene
 Concen: 2.242 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119429.D
 Acq: 18 Mar 2020 21:55

Tgt Ion:228 Resp: 99916
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.3 33.5
 229 19.0 16.3 24.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119429.D
Acq: 18 Mar 2020 21:55

Instrument :
BNA_F
ClientSampleId :
TP-9-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	16.9	25.3

