

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118413.D
 Acq On : 31 Dec 2019 18:55
 Operator : JU
 Sample : K6114-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719

Quant Time: Jan 01 08:10:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

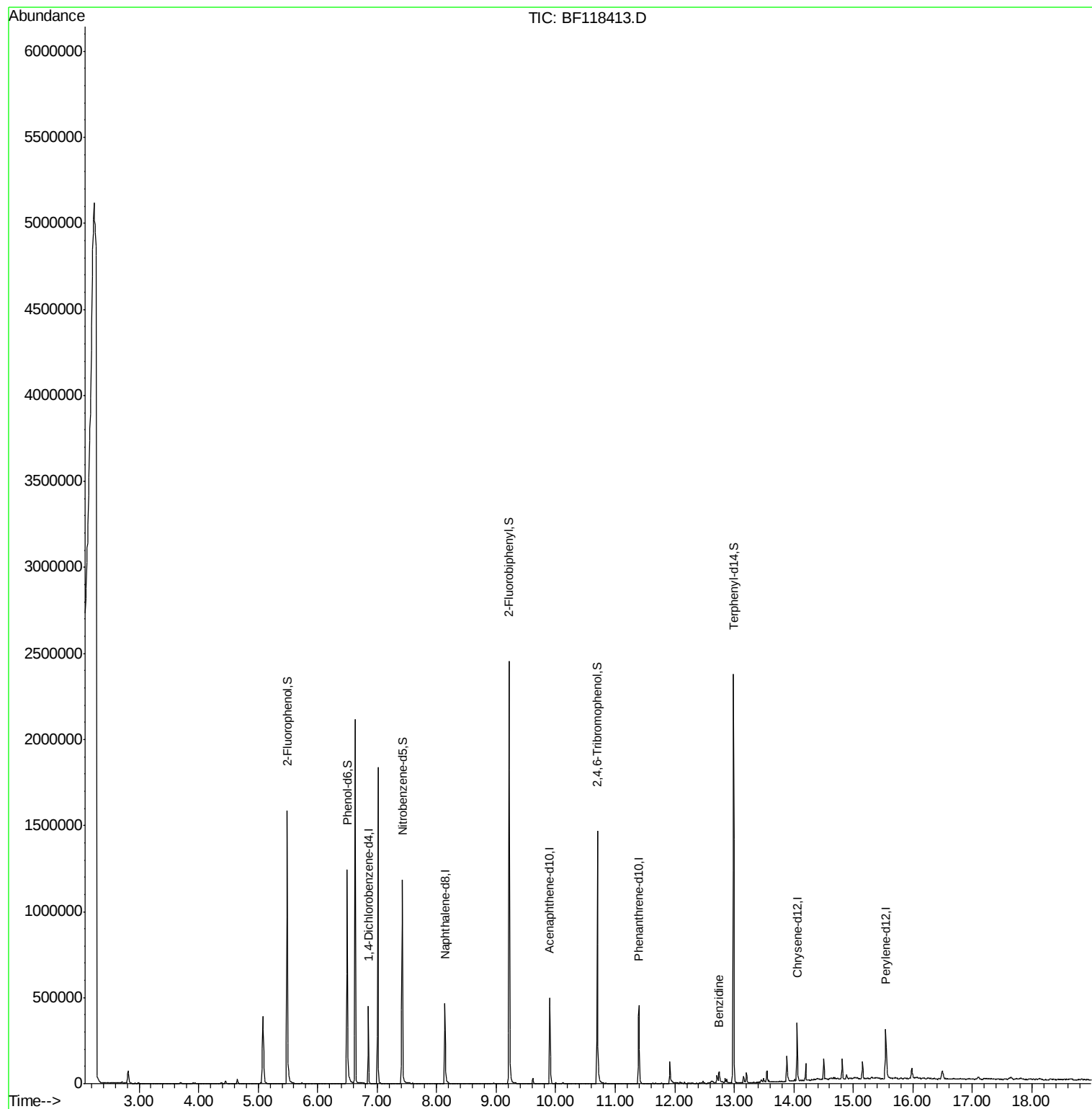
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58528	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	221790	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	110701	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	182311	20.00	ng	0.00
76) Chrysene-d12	14.05	240	115021	20.00	ng	0.00
87) Perylene-d12	15.55	264	130993	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	424391	123.78	ng	0.02
7) Phenol-d6	6.49	99	458020	107.68	ng	0.00
23) Nitrobenzene-d5	7.42	82	383174	98.81	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	173476	126.90	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	751839	103.67	ng	0.00
79) Terphenyl-d14	12.99	244	713087	102.85	ng	0.00
Target Compounds						
77) Benzidine	12.75	184	33924	10.764	ng	Qvalue 98

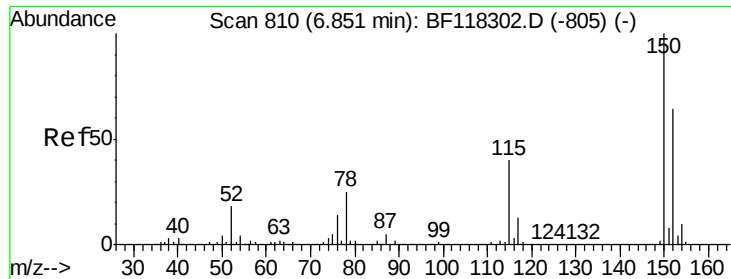
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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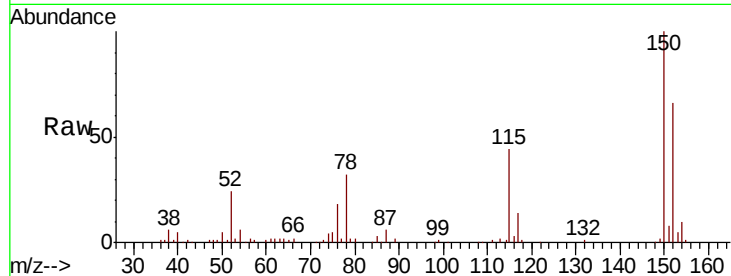


#1

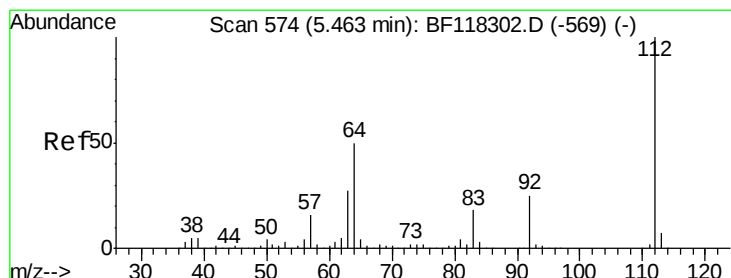
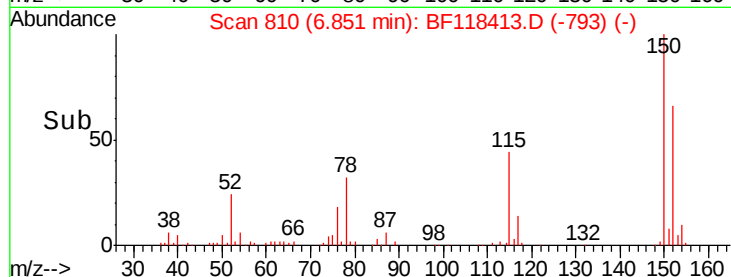
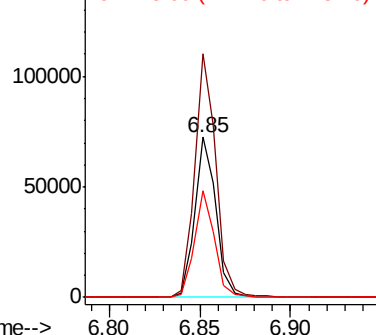
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719

Tot Ion:152 Resp: 58528
Ion Ratio Lower Upper
152 100
150 151.9 125.4 188.2
115 66.7 50.2 75.4



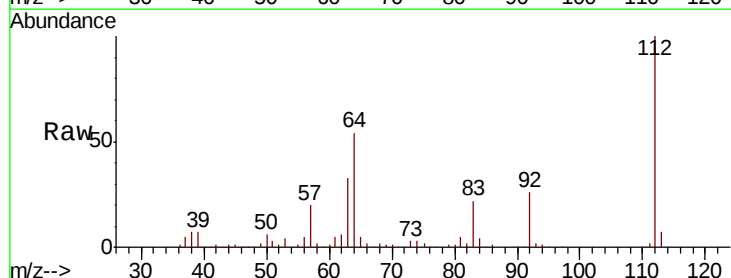
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



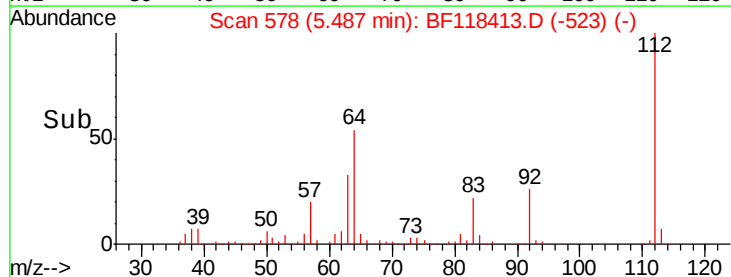
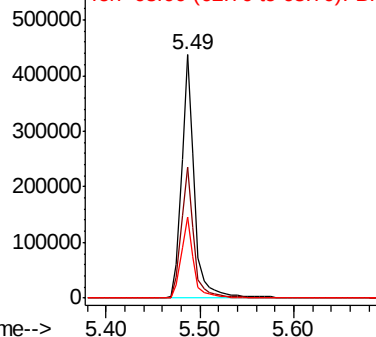
#5

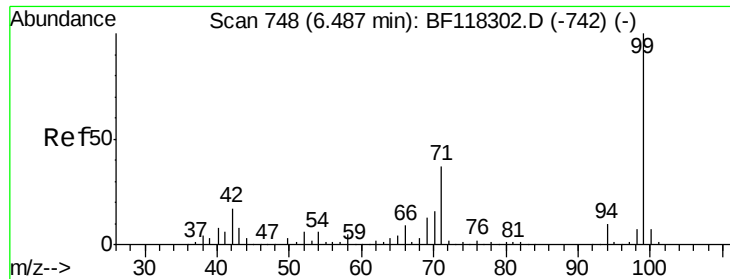
2-Fluorophenol
Concen: 123.775 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

Tgt Ion:112 Resp: 424391
Ion Ratio Lower Upper
112 100
64 54.0 39.7 59.5
63 33.1 21.7 32.5#



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: 107.683 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118413.D

Acq: 31 Dec 2019 18:55

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719

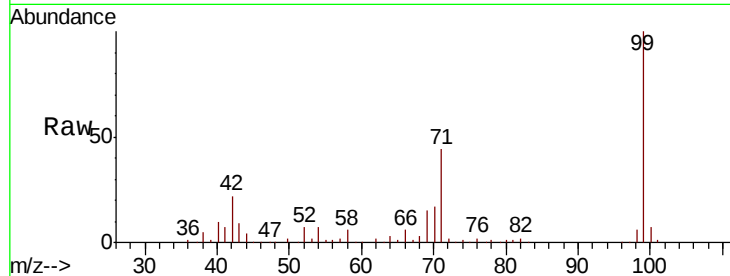
Tot Ion: 99 Resp: 458020

Ion Ratio Lower Upper

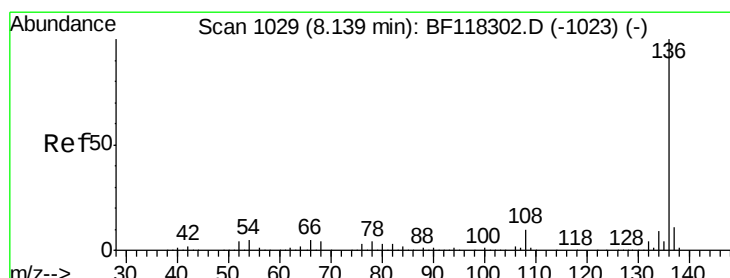
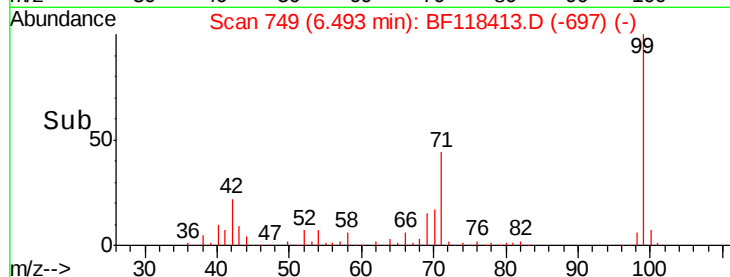
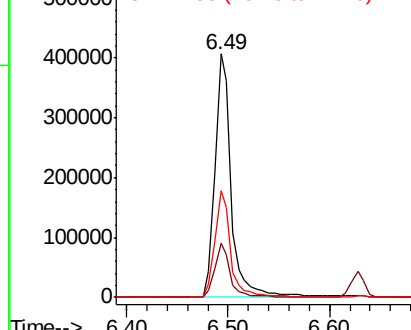
99 100

42 22.4 13.5 20.3#

71 44.0 29.4 44.2



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. 0.00 min

Lab File: BF118413.D

Acq: 31 Dec 2019 18:55

Tgt Ion: 136 Resp: 221790

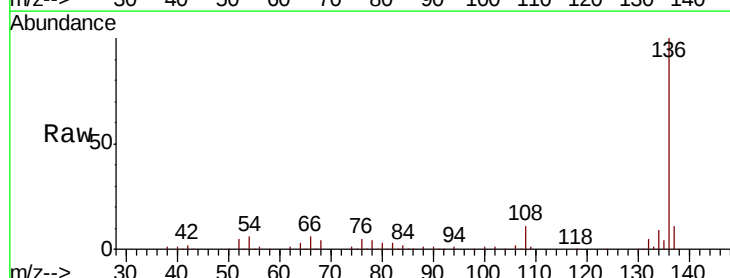
Ion Ratio Lower Upper

136 100

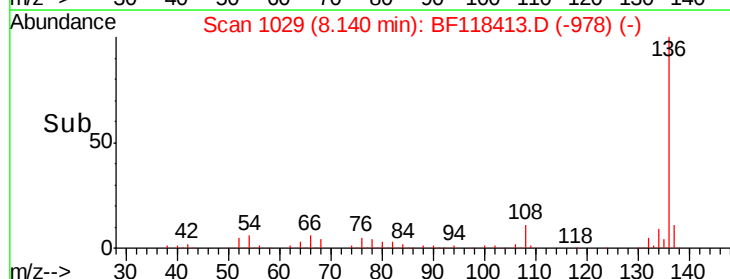
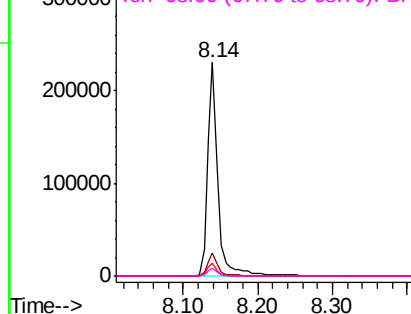
137 10.9 8.9 13.3

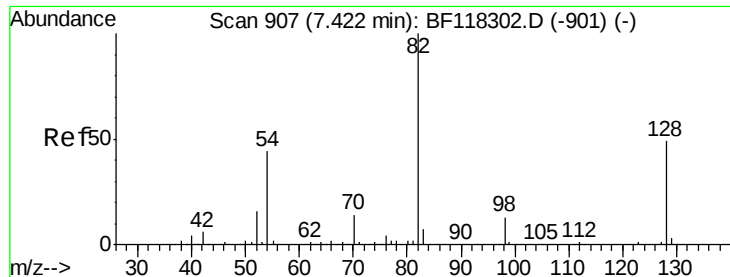
54 6.1 4.2 6.4

68 3.8 3.5 5.3



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

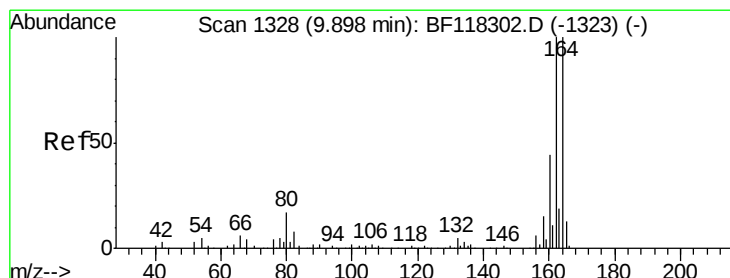
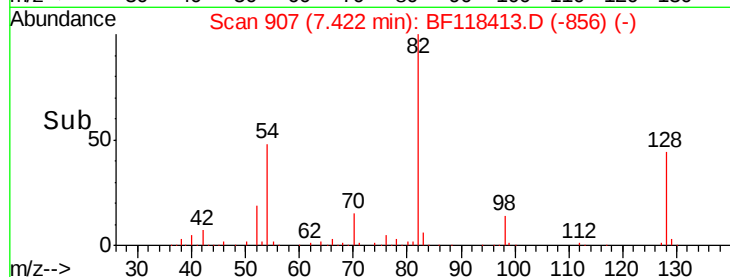
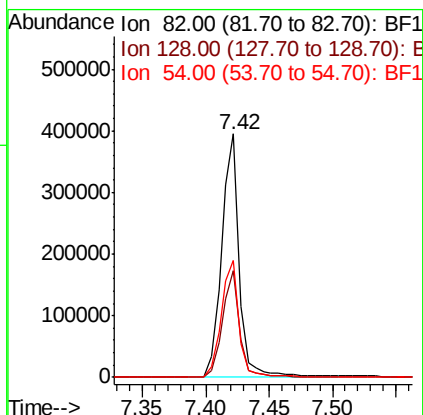
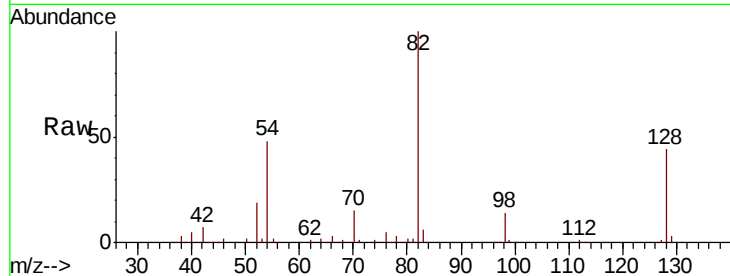




#23
Nitrobenzene-d5
Concen: 98.812 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

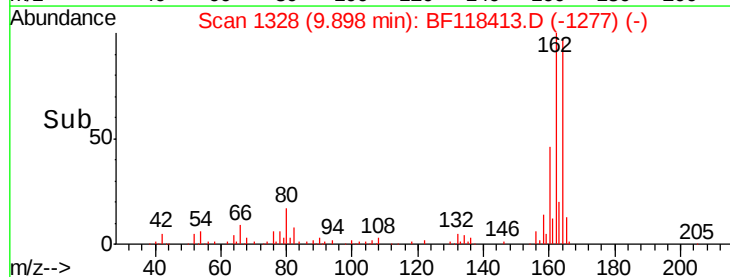
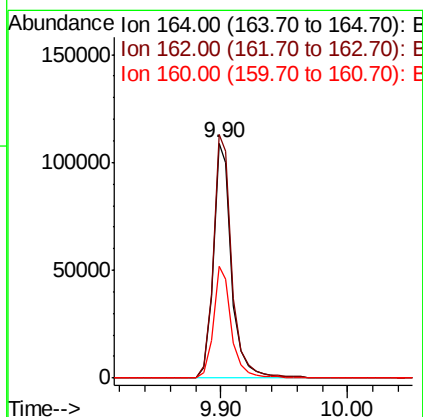
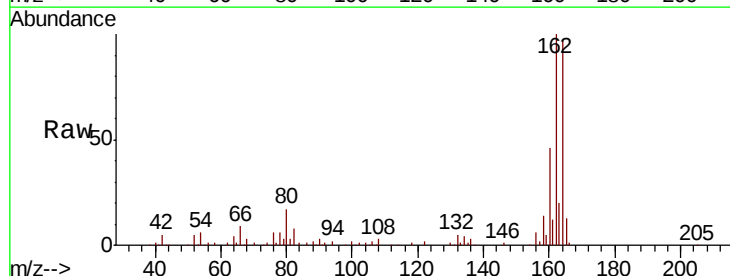
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719

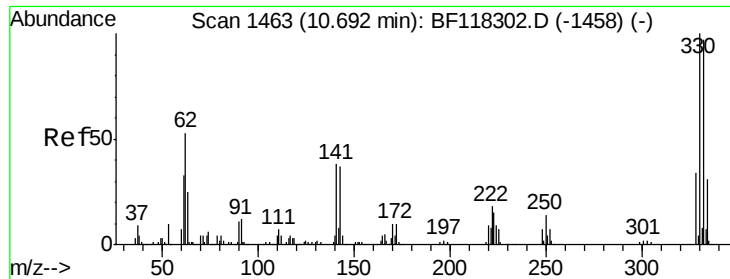
Tot Ion	82	Resp	383174
Ion Ratio	100	Lower	Upper
128	43.8	39.6	59.4
54	47.9	34.9	52.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

Tgt Ion	164	Resp	110701
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.5	80.0	120.0
160	47.4	34.8	52.2

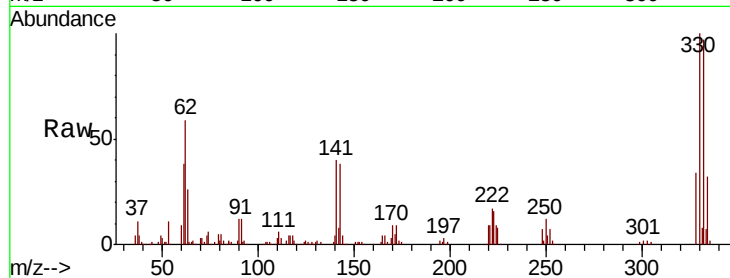




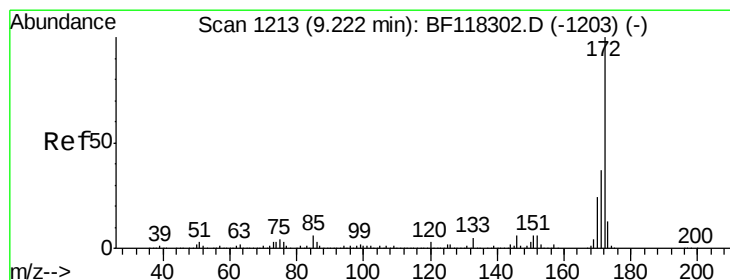
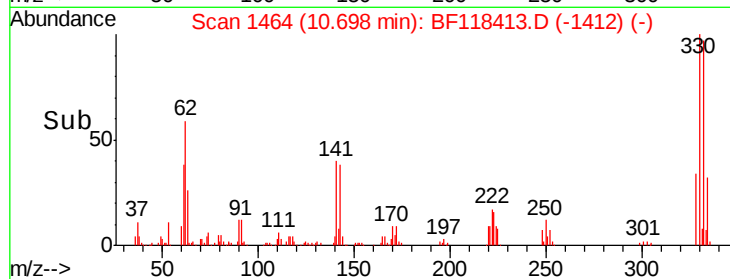
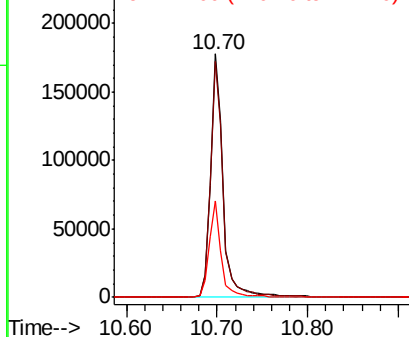
#42
 2,4,6-Tribromophenol
 Concen: 126.896 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118413.D
 Acq: 31 Dec 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719

Tot Ion:330 Resp: 173476
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 38.7 26.0 39.0

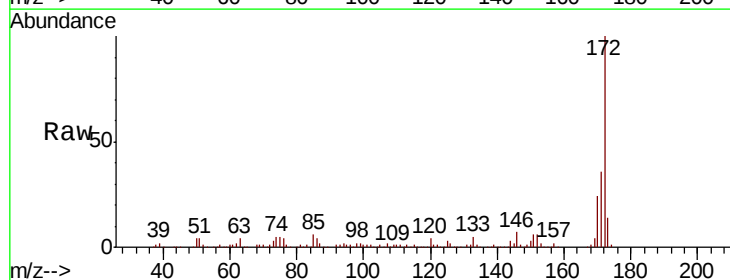


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

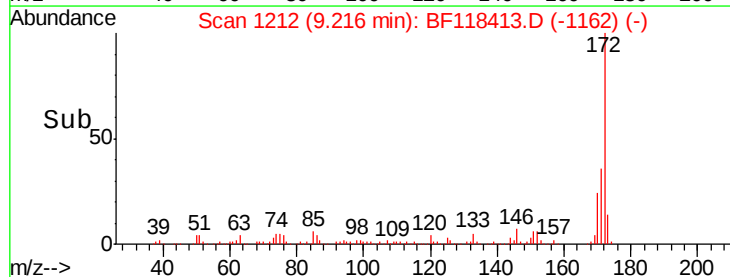
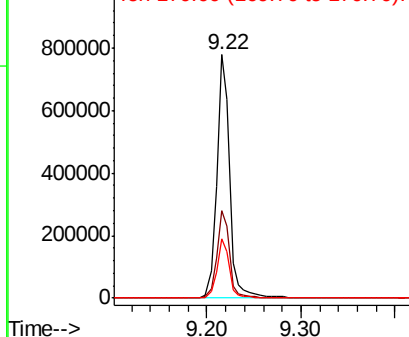


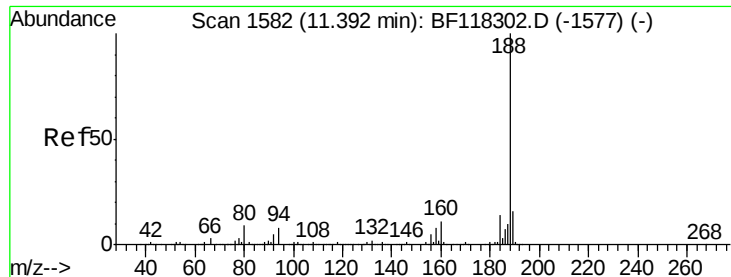
#45
 2-Fluorobiphenyl
 Concen: 103.672 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118413.D
 Acq: 31 Dec 2019 18:55

Tgt Ion:172 Resp: 751839
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 24.2 19.2 28.8



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

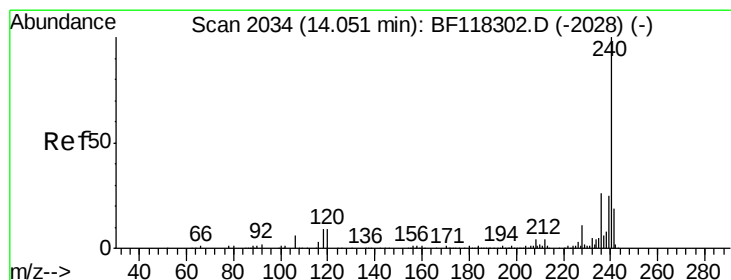
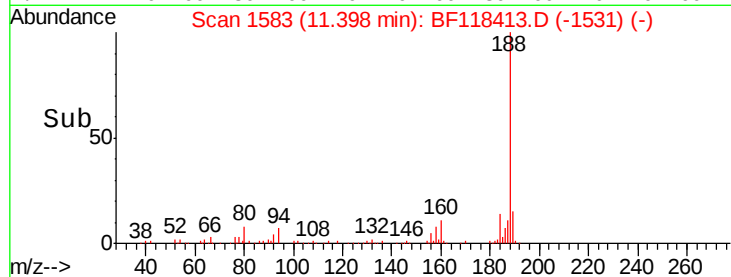
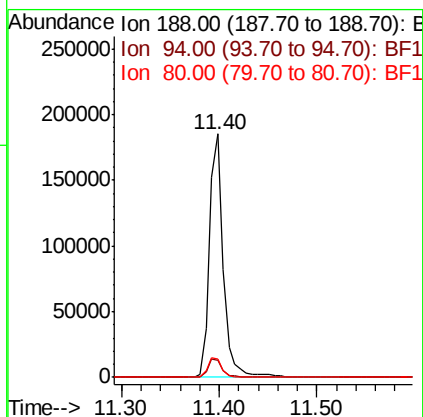
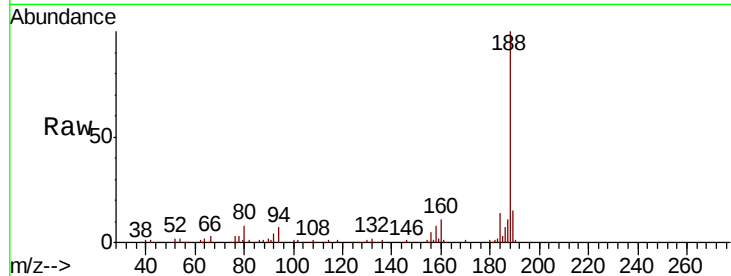




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

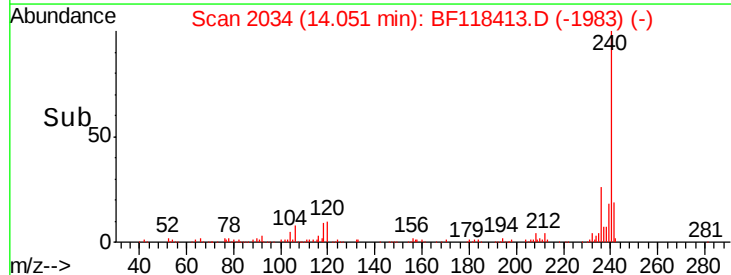
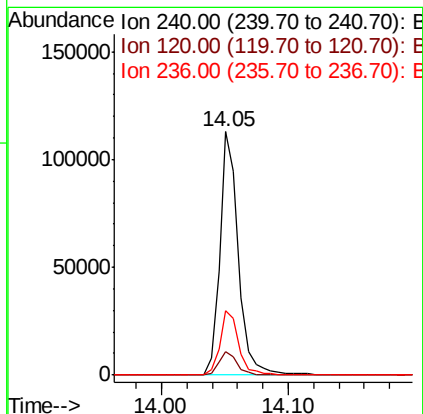
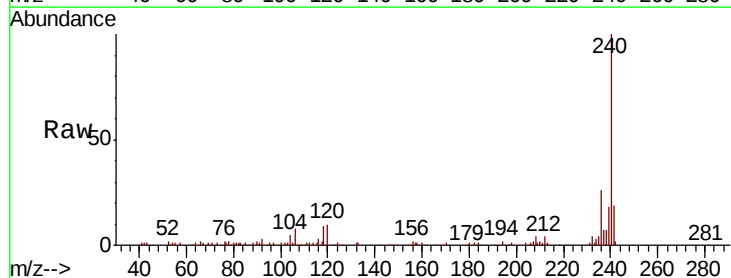
Instrument :
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EO-O1-122719

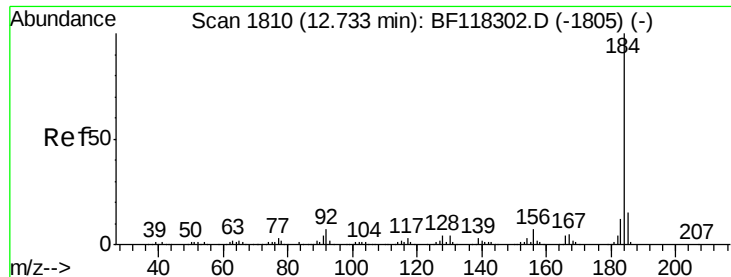
Tot Ion:188 Resp: 182311
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.5 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118413.D
Acq: 31 Dec 2019 18:55

Tgt Ion:240 Resp: 115021
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.4 21.0 31.6





#77

Benzidine

Concen: 10.764 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118413.D

Acq: 31 Dec 2019 18:55

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719

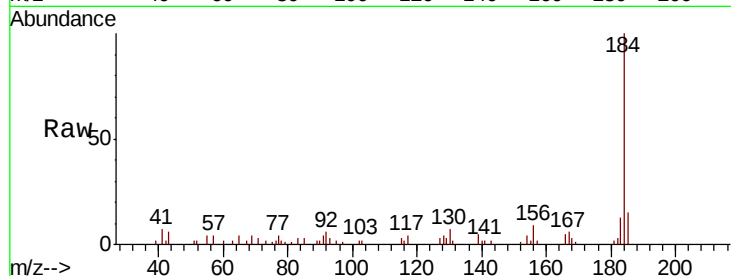
Tot Ion:184 Resp: 33924

Ion Ratio Lower Upper

184 100

185 15.0 12.3 18.5

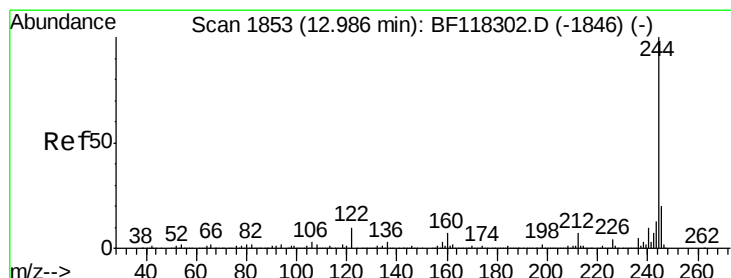
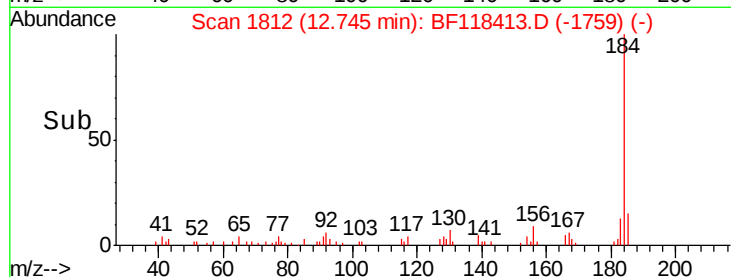
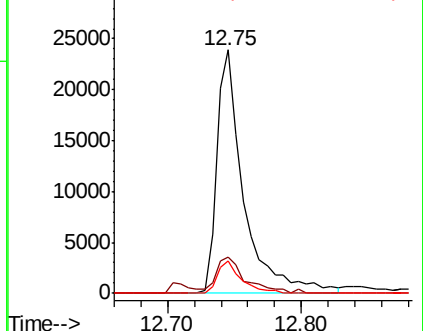
183 13.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 102.854 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118413.D

Acq: 31 Dec 2019 18:55

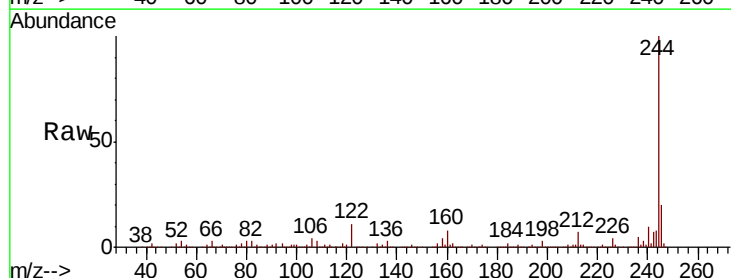
Tgt Ion:244 Resp: 713087

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

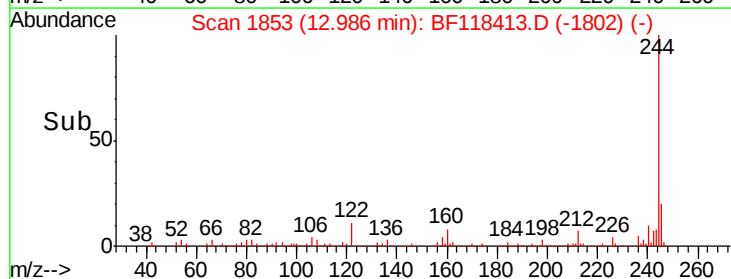
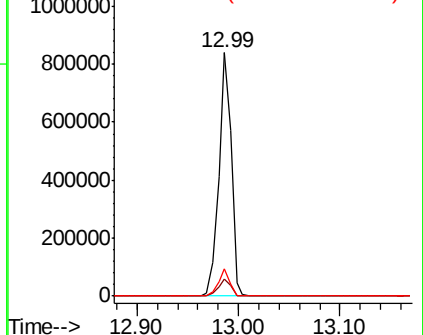
122 11.4 7.8 11.8

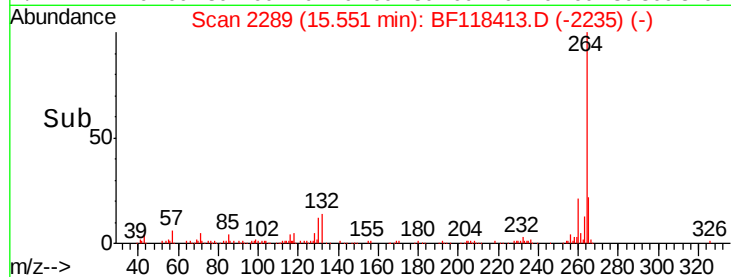
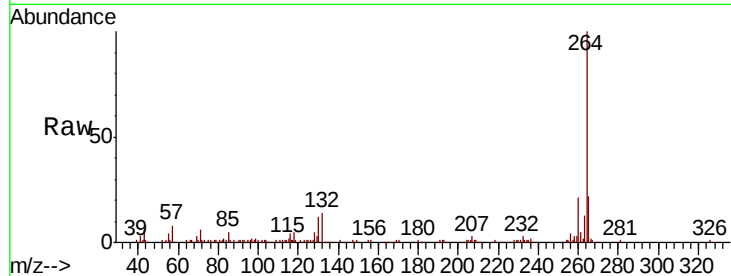
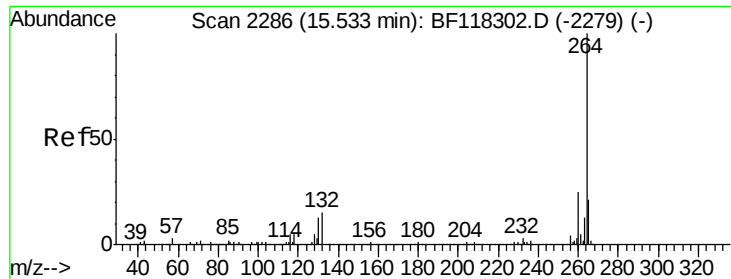


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118413.D

Acq: 31 Dec 2019 18:55

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719

Tot Ion:264 Resp: 130993

Ion Ratio Lower Upper

264 100

260 21.2 19.8 29.6

265 21.6 17.0 25.4

