

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119545.D
 Acq On : 26 Mar 2020 22:26
 Operator : CG/JU
 Sample : L2040-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-209

Quant Time: Mar 27 02:21:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

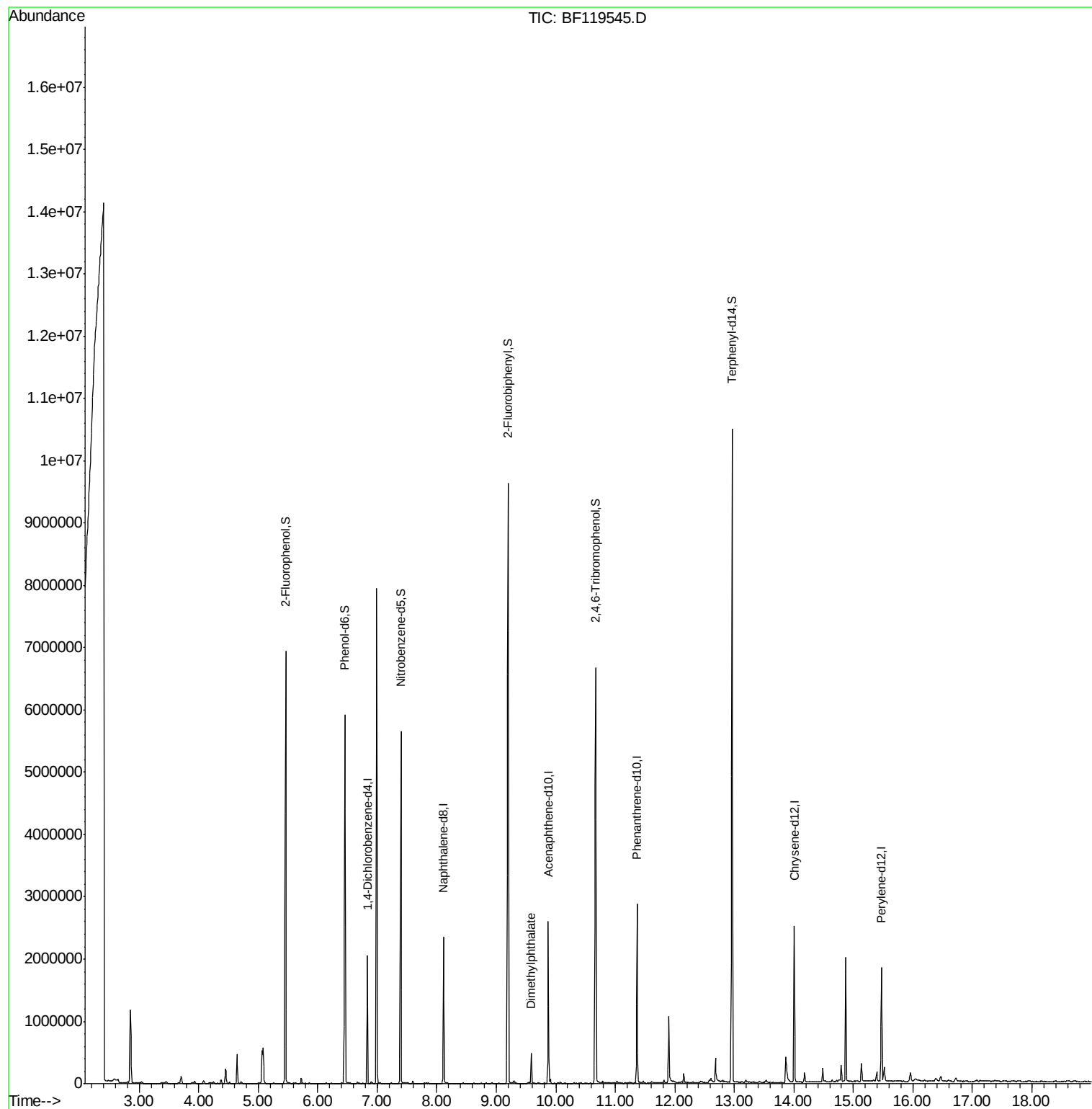
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266087	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1019546	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	543092	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1101422	20.00	ng	0.00
76) Chrysene-d12	14.01	240	892749	20.00	ng	0.00
87) Perylene-d12	15.47	264	845871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2032169	121.58	ng	0.02
7) Phenol-d6	6.46	99	2241018	104.95	ng	0.00
23) Nitrobenzene-d5	7.40	82	1894879	101.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	927099	165.47	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3457610	94.32	ng	0.00
79) Terphenyl-d14	12.96	244	4121922	90.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	206840	5.362	ng	Qvalue 99

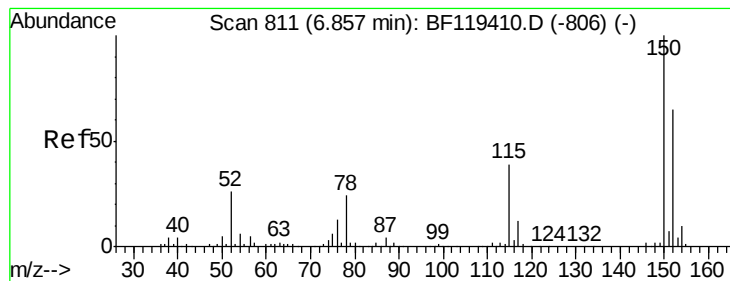
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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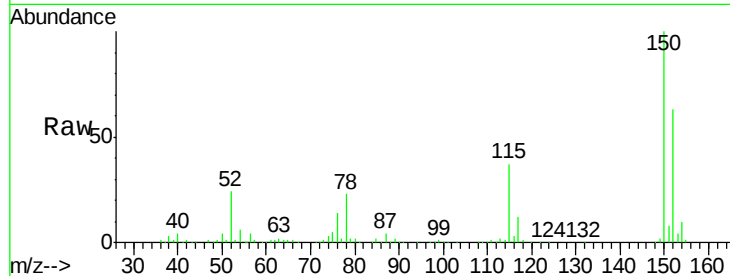


#1

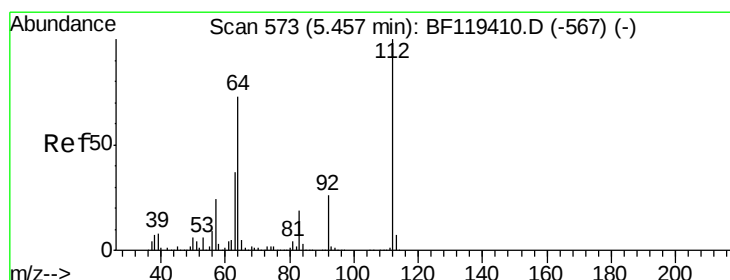
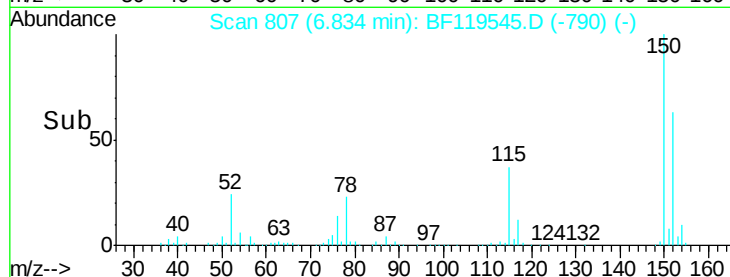
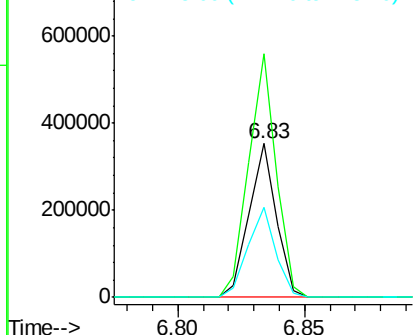
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Instrument :
BNA_F
ClientSampleId :
RO-209

Tot Ion:152 Resp: 266087
Ion Ratio Lower Upper
152 100
150 158.1 123.9 185.9
115 58.1 47.8 71.6



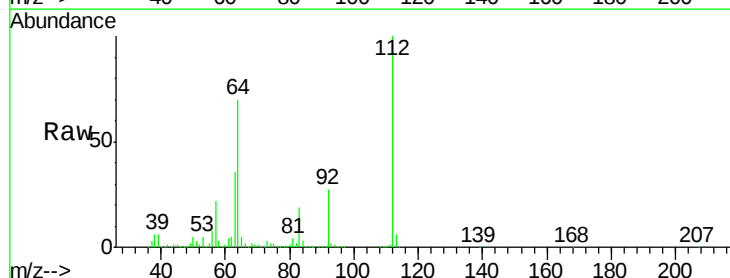
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



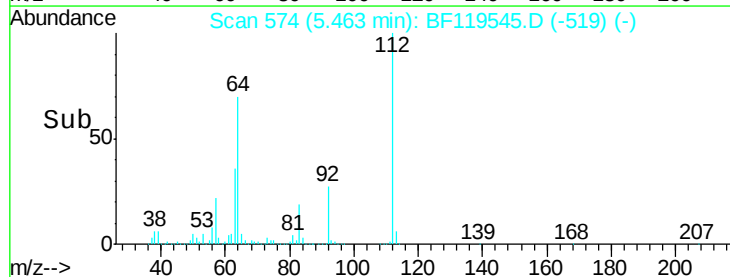
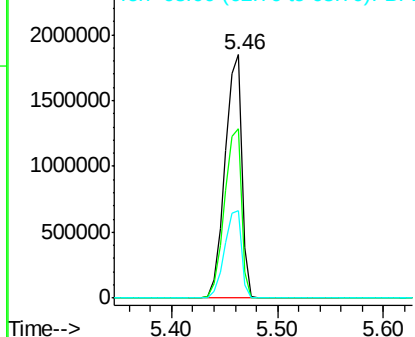
#5

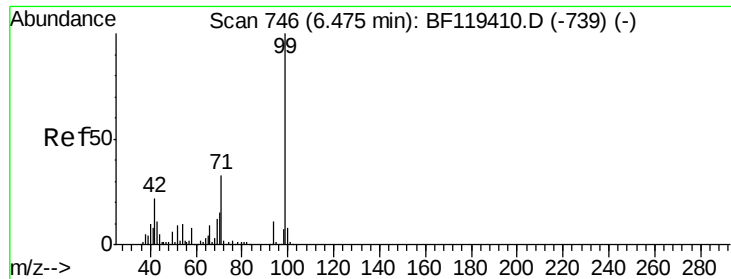
2-Fluorophenol
Concen: 121.578 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Tgt Ion:112 Resp: 2032169
Ion Ratio Lower Upper
112 100
64 69.8 58.1 87.1
63 35.7 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: 104.955 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

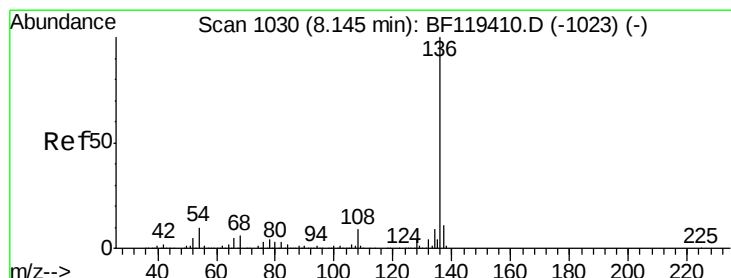
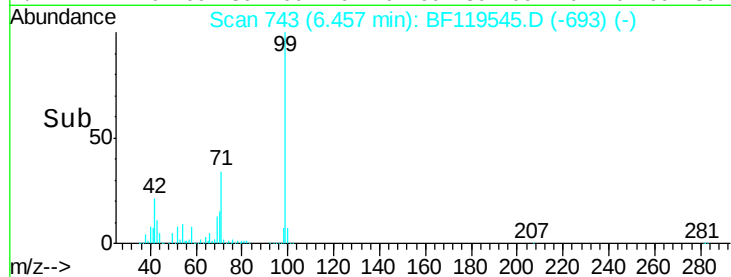
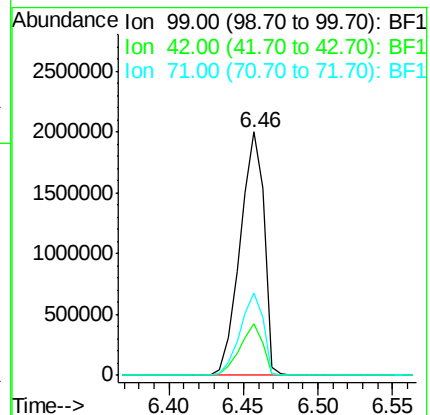
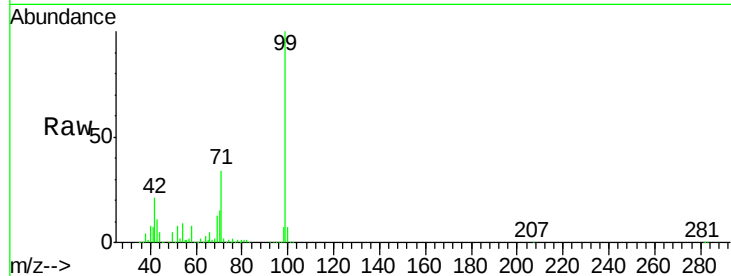
Tot Ion: 99 Resp: 2241018

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.9 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Tgt Ion: 136 Resp: 1019546

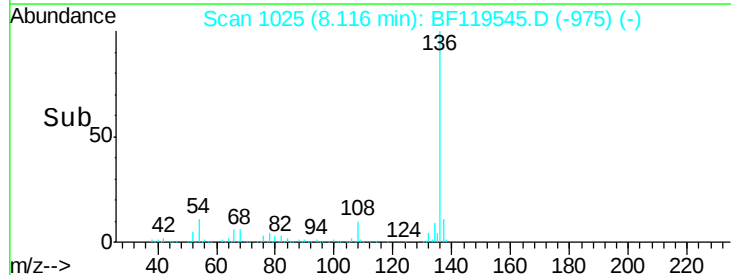
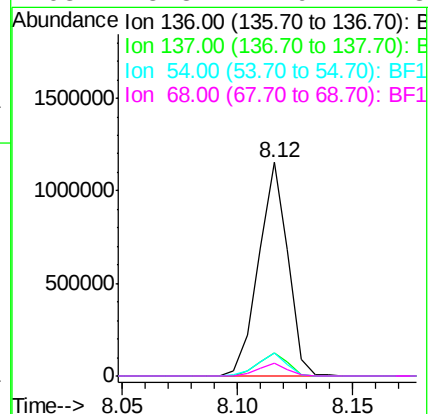
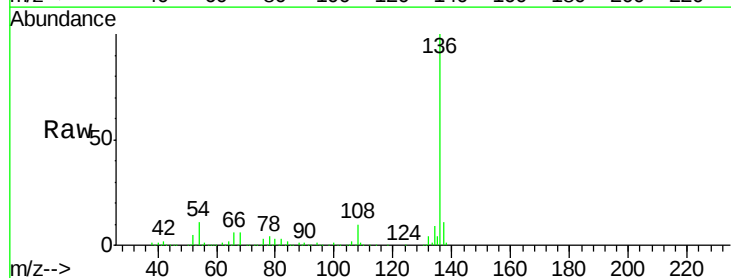
Ion Ratio Lower Upper

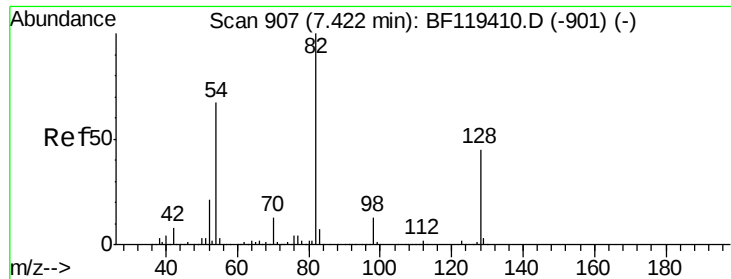
136 100

137 11.0 8.4 12.6

54 10.9 8.3 12.5

68 5.8 4.9 7.3

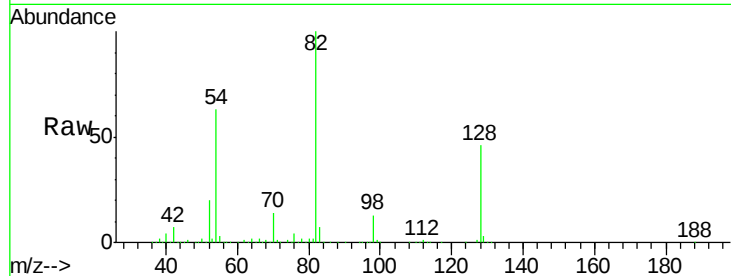




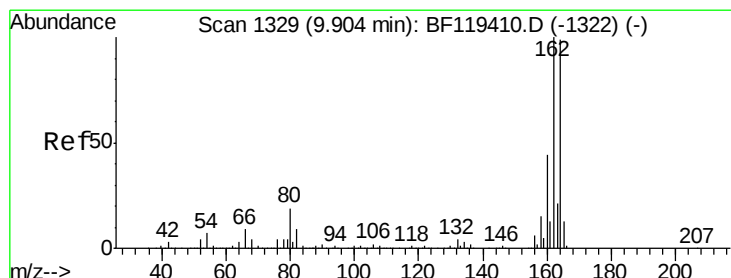
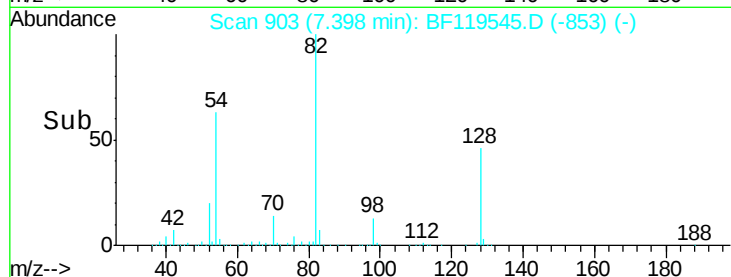
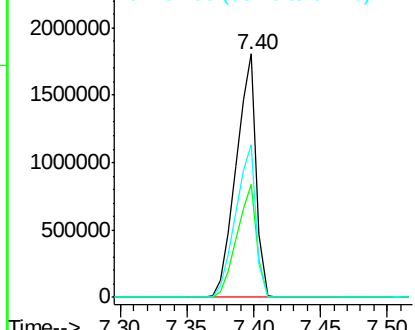
#23
Nitrobenzene-d5
Concen: 101.008 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Instrument :
BNA_F
ClientSampled :
RO-209

Tot Ion: 82 Resp: 1894879
Ion Ratio Lower Upper
82 100
128 46.4 35.8 53.8
54 62.6 53.4 80.0

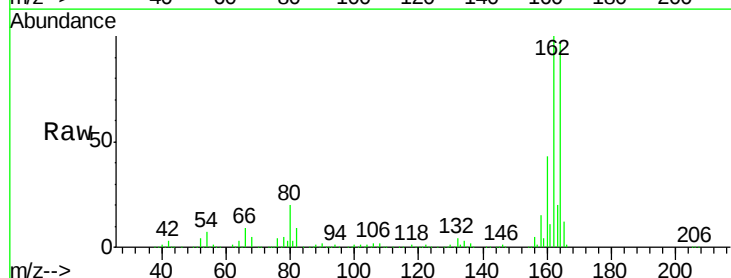


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

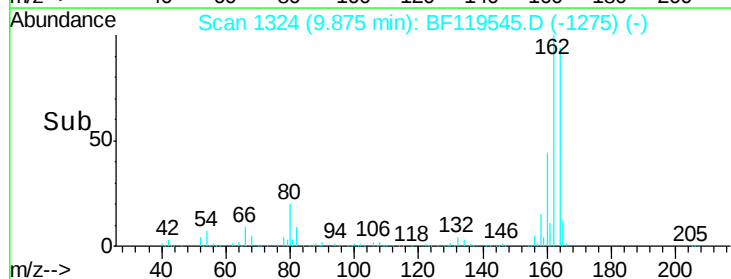
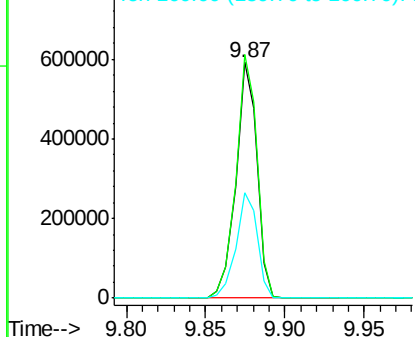


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Tgt Ion: 164 Resp: 543092
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 44.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 165.468 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

BNA_F

ClientSampleId :

RO-209

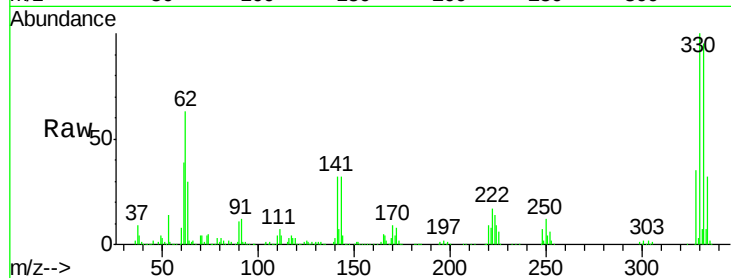
Tot Ion:330 Resp: 927099

Ion Ratio Lower Upper

330 100

332 95.4 77.6 116.4

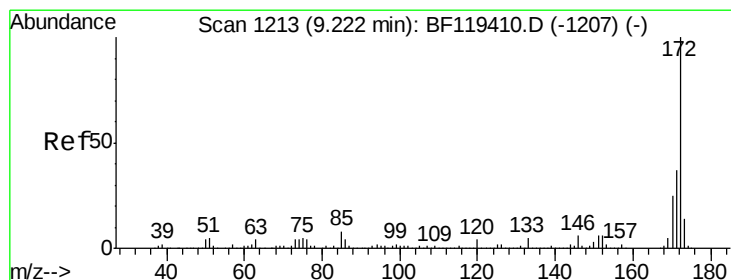
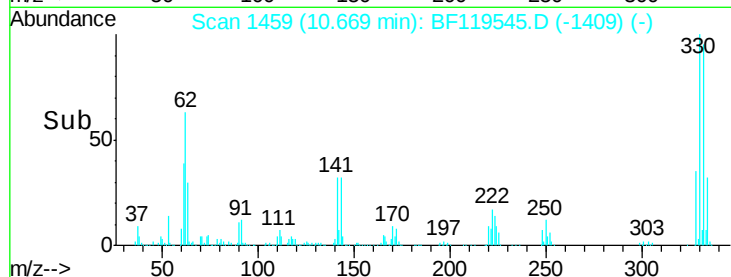
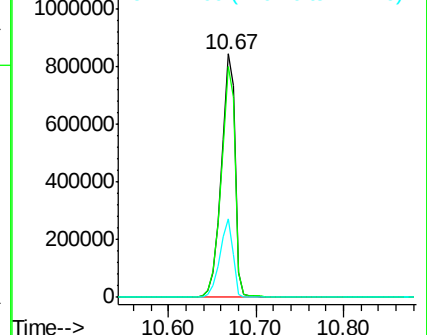
141 31.0 26.6 40.0



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: 94.318 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

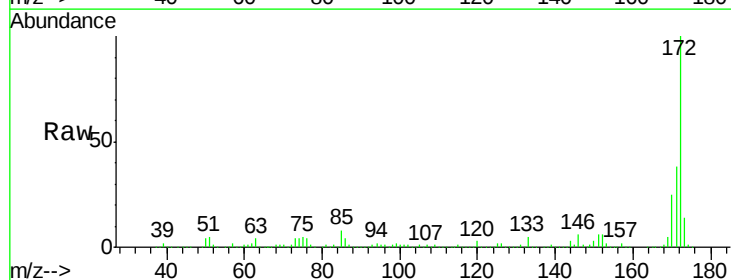
Tgt Ion:172 Resp: 3457610

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

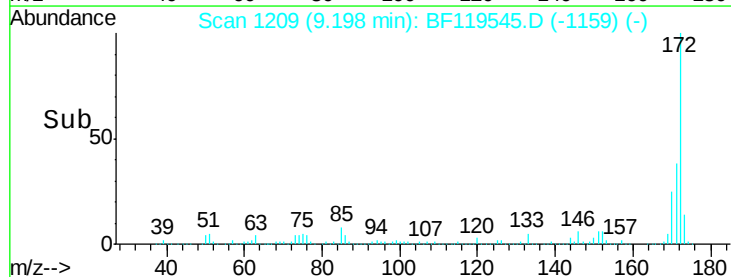
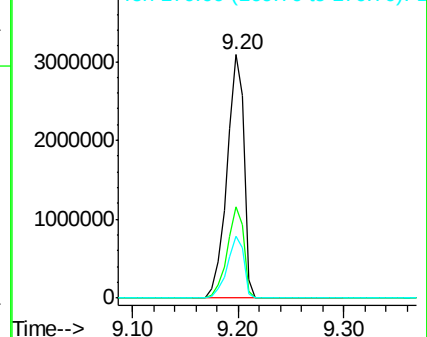
170 25.4 20.1 30.1

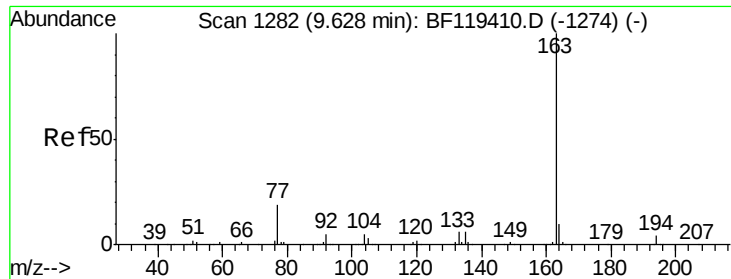


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.362 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

Instrument :

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ClientSampleId :

RO-209

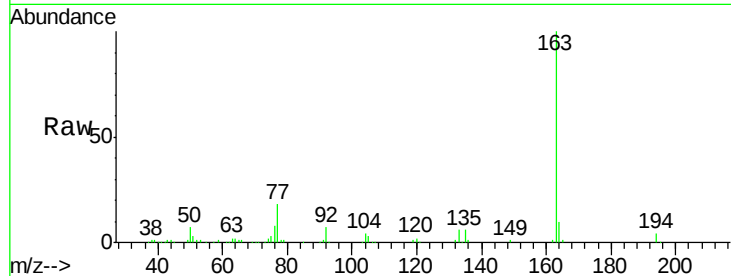
Tot Ion:163 Resp: 206840

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

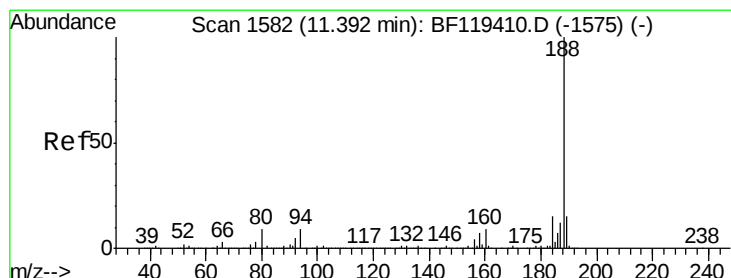
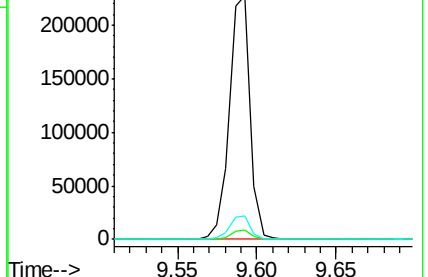
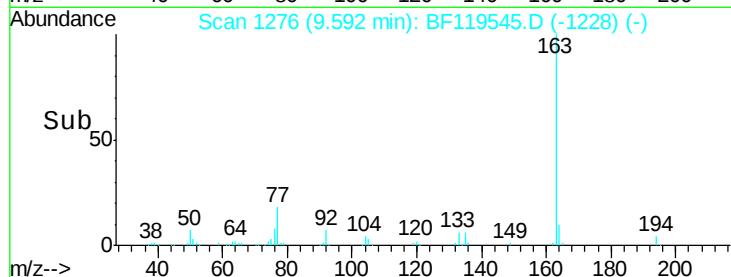
164 9.8 8.1 12.1



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119545.D

Acq: 26 Mar 2020 22:26

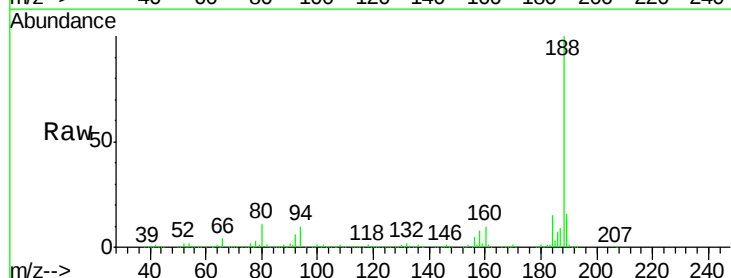
Tgt Ion:188 Resp: 1101422

Ion Ratio Lower Upper

188 100

94 9.9 7.1 10.7

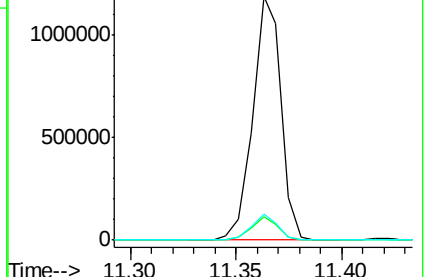
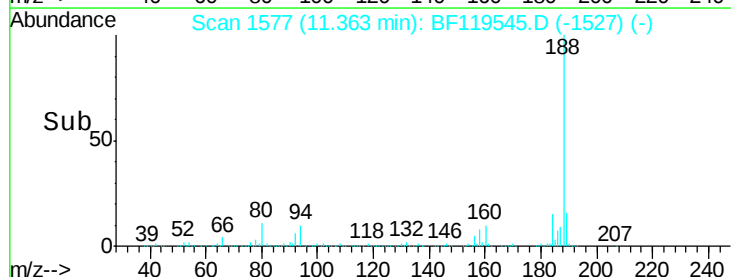
80 10.5 7.5 11.3

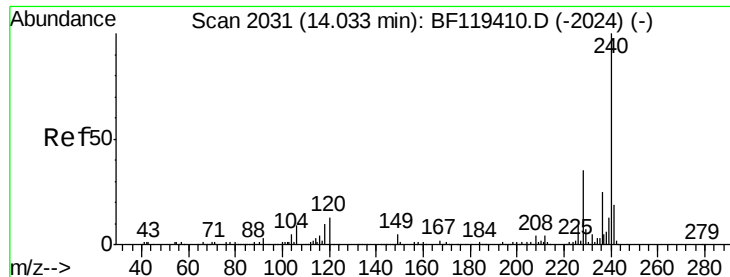


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

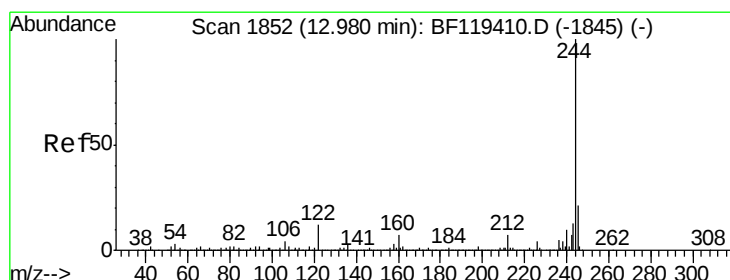
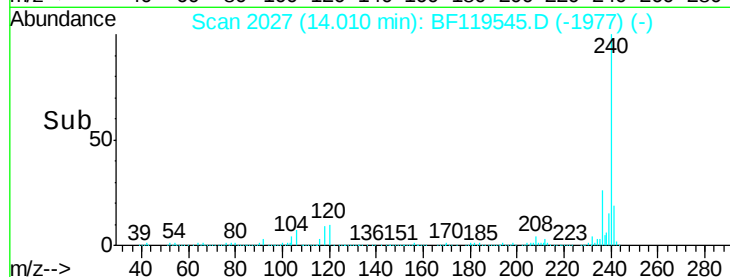
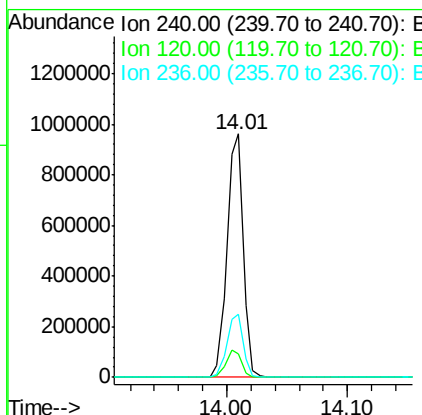
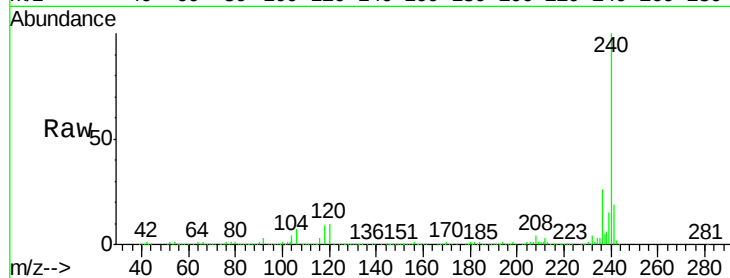




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

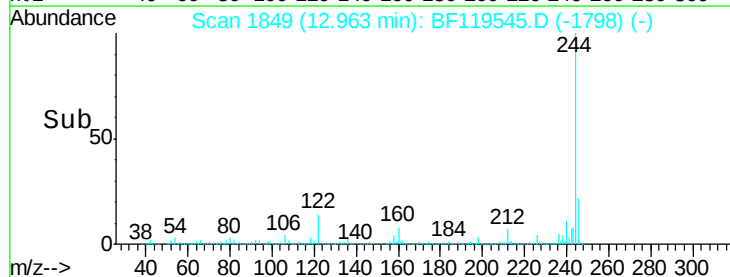
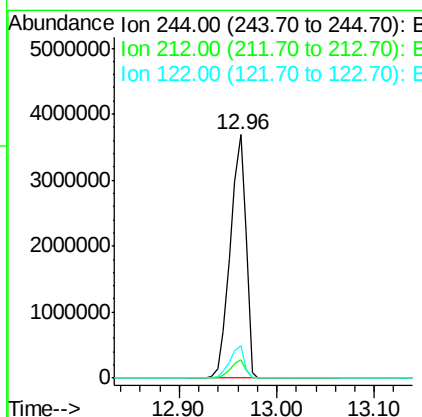
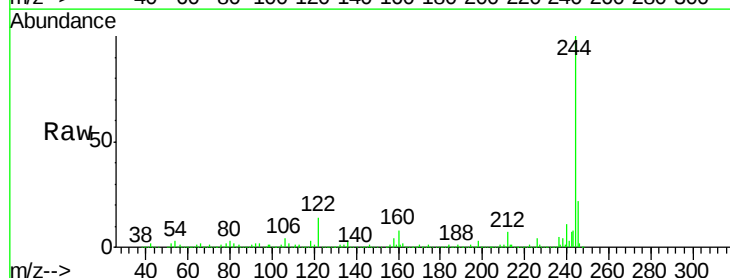
Instrument :
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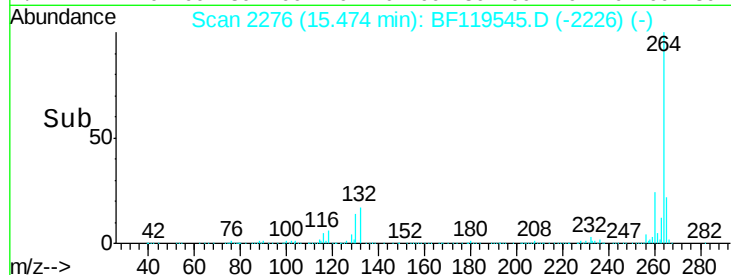
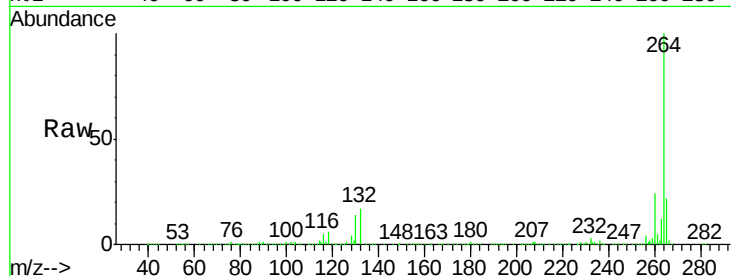
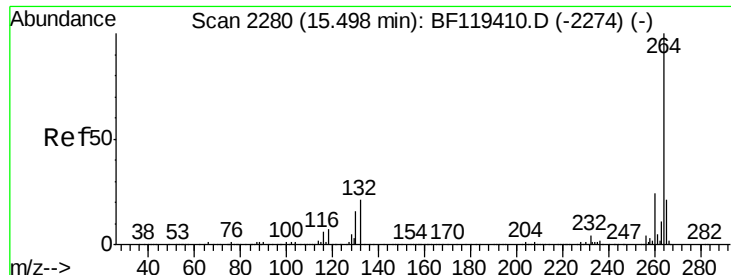
Tot Ion:240 Resp: 892749
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 90.459 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119545.D
Acq: 26 Mar 2020 22:26

Tgt Ion:244 Resp: 4121922
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.5 9.8 14.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BF119545.D
 Acq: 26 Mar 2020 22:26

Instrument :
 BNA_F
 ClientSampleId :
 RO-209

Tot Ion:	264	Resp:	845871
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	16.9	25.3

