

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120782.D
 Acq On : 7 Jul 2020 12:46
 Operator : JU/CG
 Sample : L3215-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Quant Time: Jul 07 16:06:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

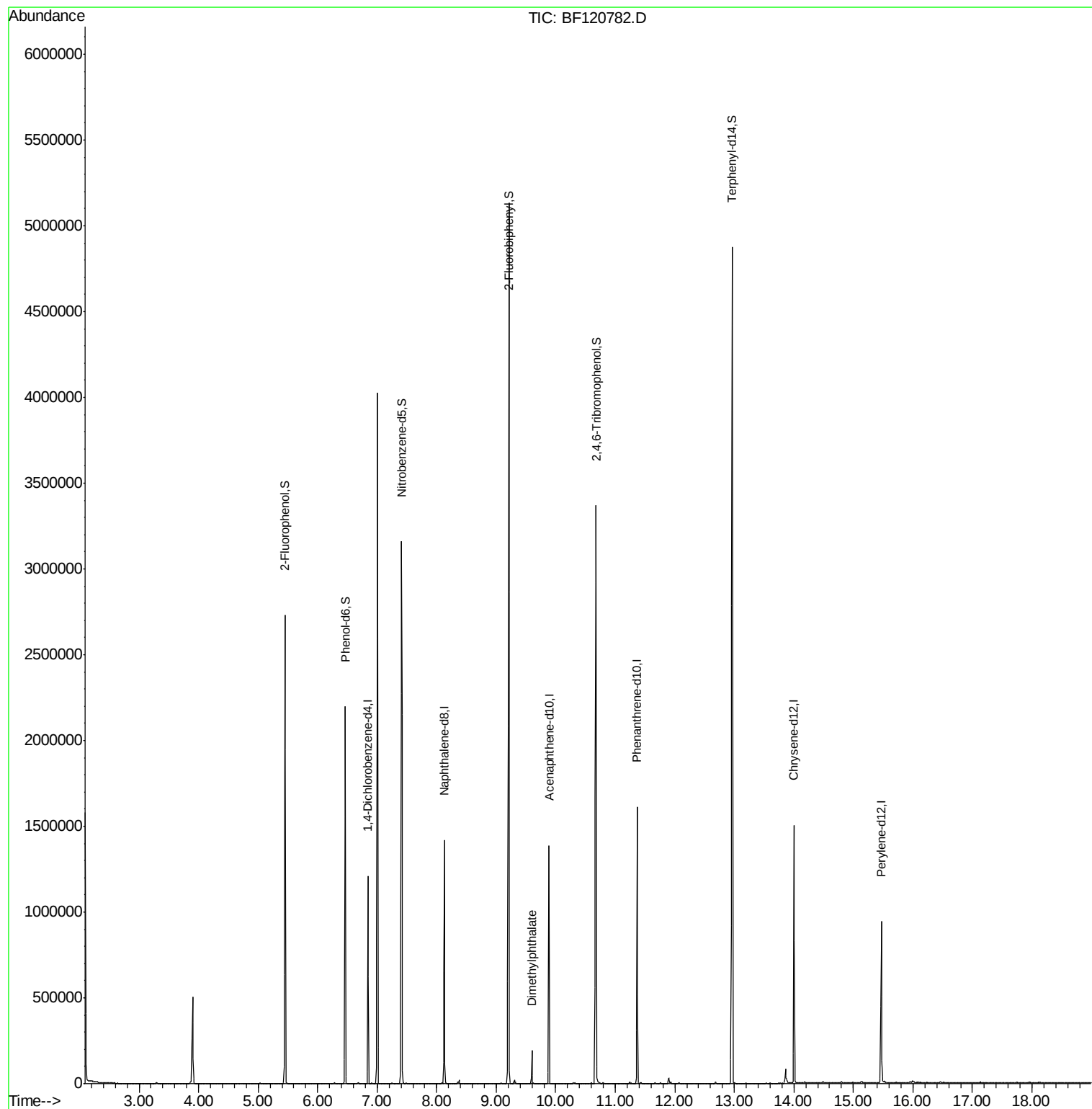
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139952	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	544898	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	277825	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	523090	20.00	ng	0.00
76) Chrysene-d12	14.00	240	442947	20.00	ng	0.00
86) Perylene-d12	15.47	264	402309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	734531	81.02	ng	0.00
7) Phenol-d6	6.46	99	648209	55.99	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1094924	116.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	484682	173.65	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1790272	97.49	ng	0.00
79) Terphenyl-d14	12.96	244	2305942	101.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	64086	3.162	ng	Qvalue 98

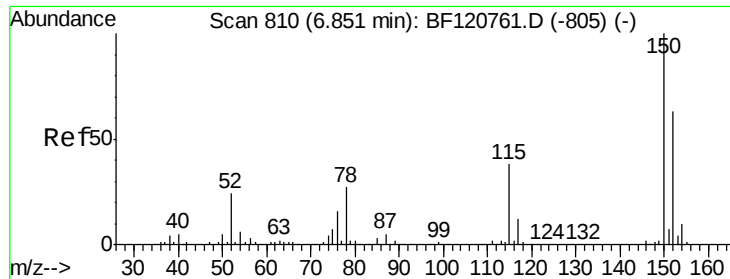
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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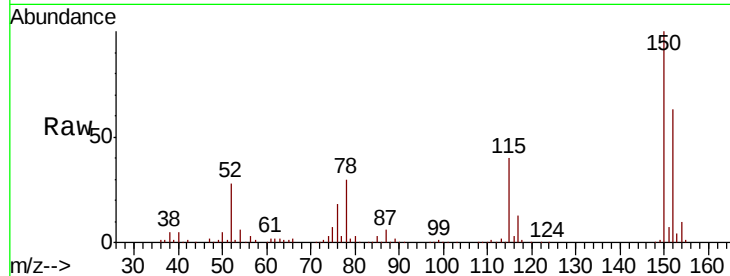


#1

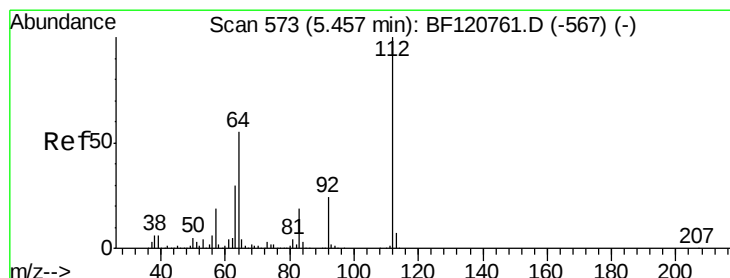
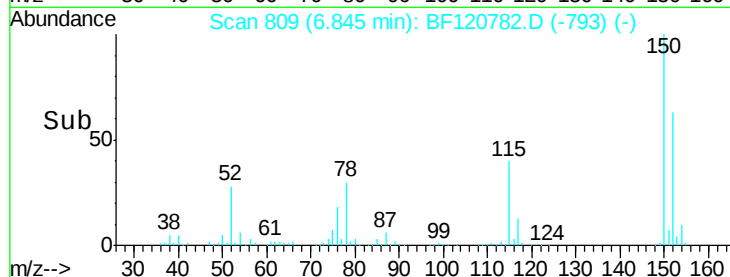
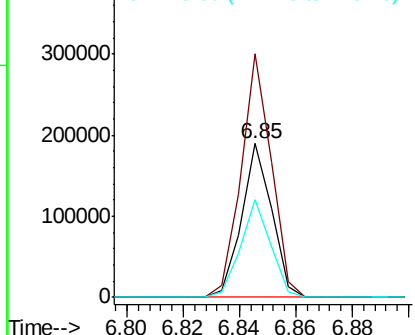
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 139952
Ion Ratio Lower Upper
152 100
150 158.7 126.1 189.1
115 63.7 48.5 72.7



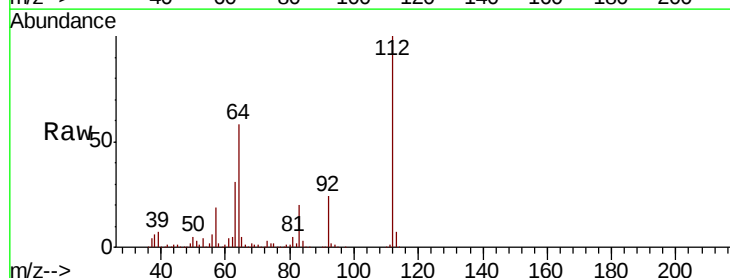
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



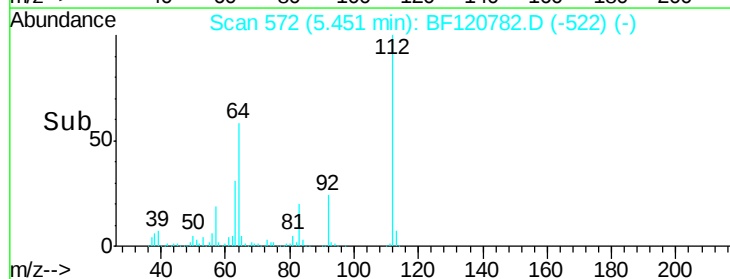
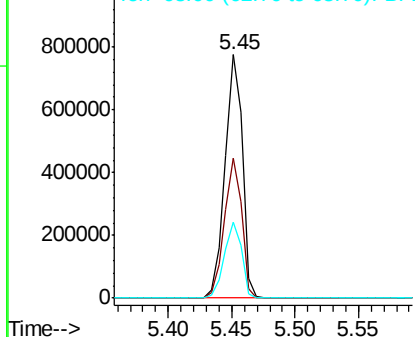
#5

2-Fluorophenol
Concen: 81.018 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF120782.D
Acq: 7 Jul 2020 12:46

Tgt Ion:112 Resp: 734531
Ion Ratio Lower Upper
112 100
64 57.7 43.8 65.6
63 31.3 23.6 35.4



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: 55.986 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

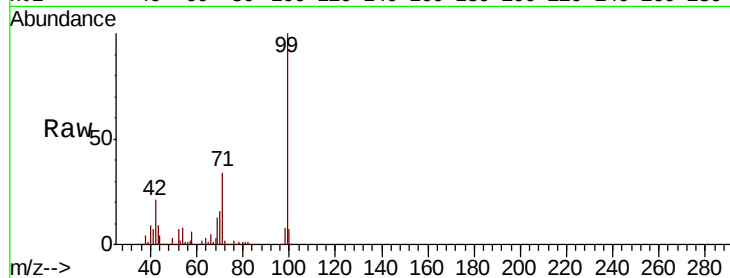
Tot Ion: 99 Resp: 648209

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

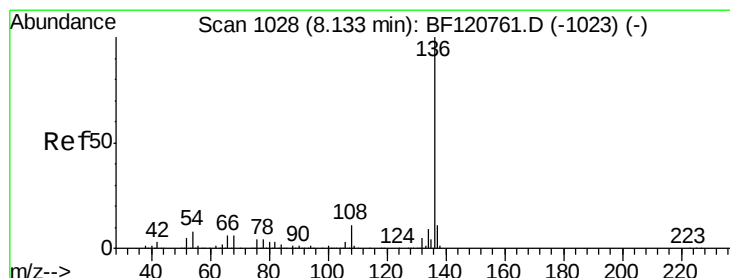
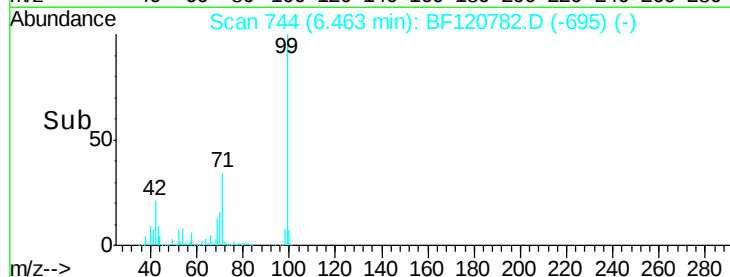
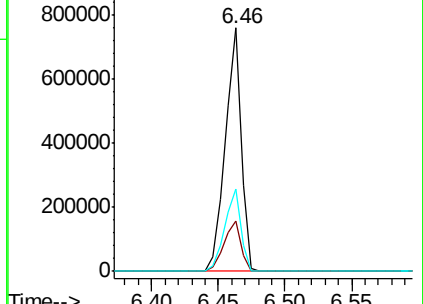
71 33.8 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Tgt Ion: 136 Resp: 544898

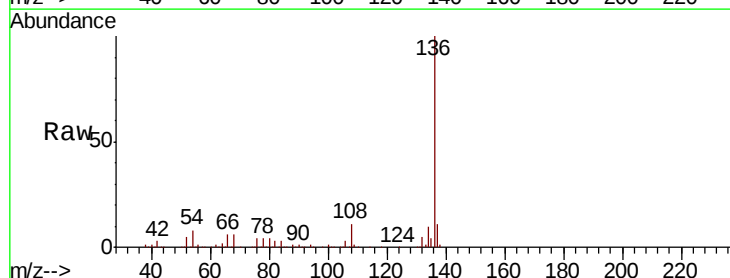
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.2 6.2 9.4

68 5.6 4.7 7.1

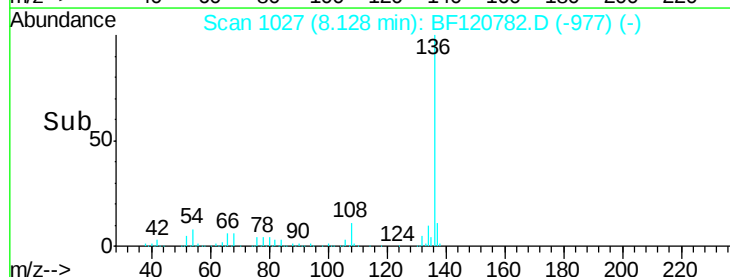
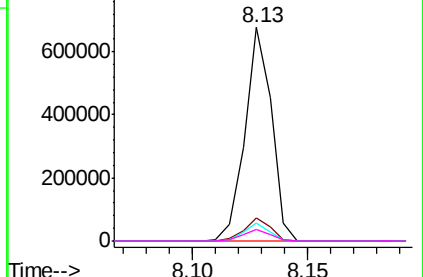


Abundance Ion 136.00 (135.70 to 136.70): E

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: 116.421 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

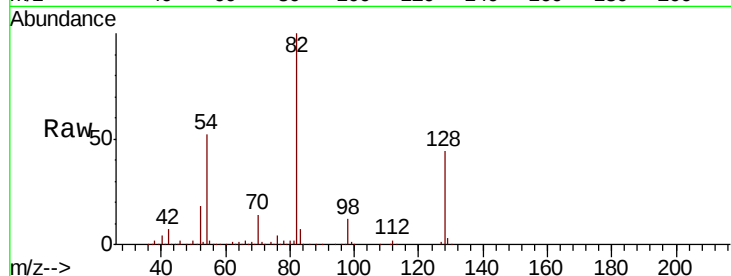
BNA_F

ClientSampleId :

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Tot Ion: 82 Resp: 1094924

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	51.5	40.9	61.3

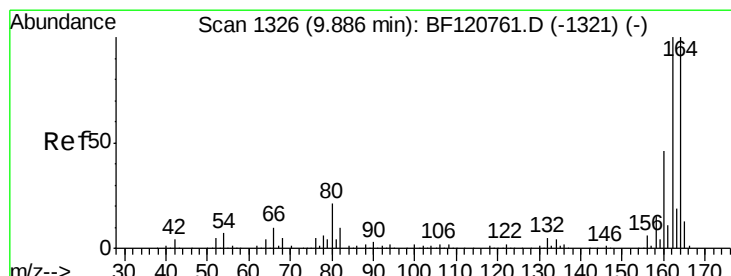
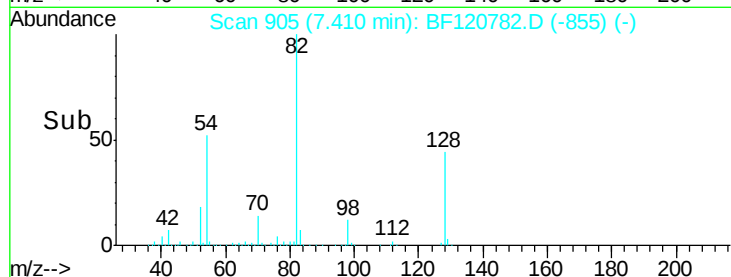
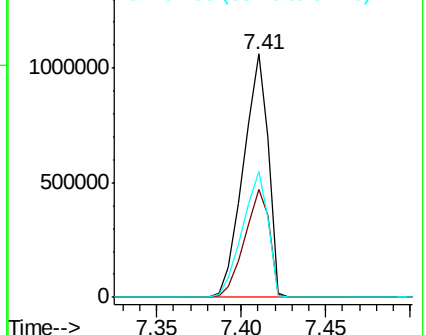


Abundance

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: 9.89 min Scan# 1326

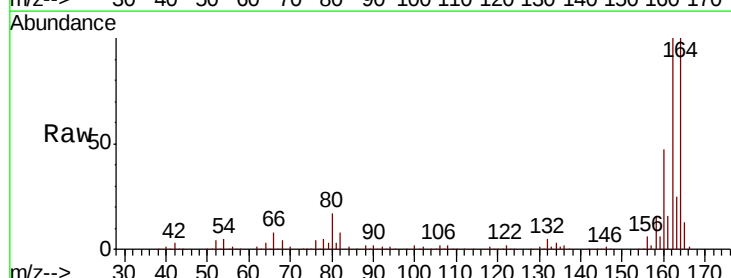
Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Tgt Ion: 164 Resp: 277825

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	47.5	36.9	55.3

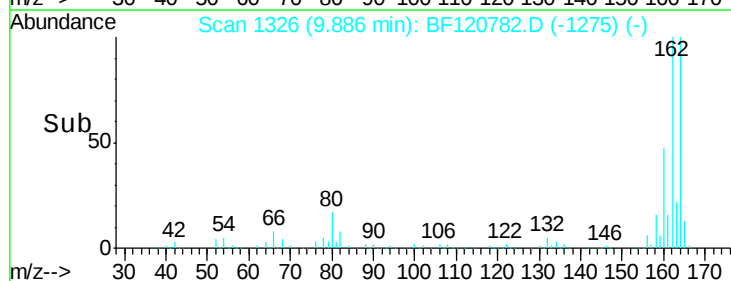
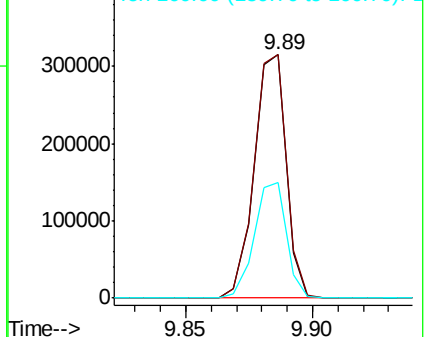


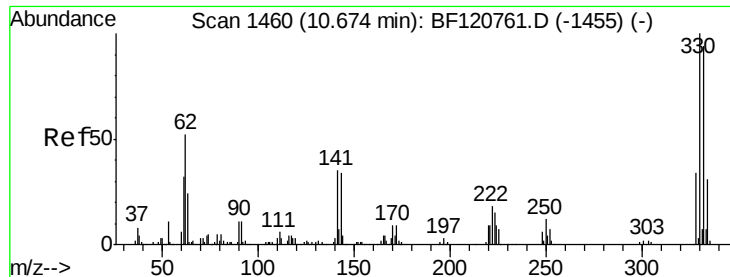
Abundance

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: 173.649 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

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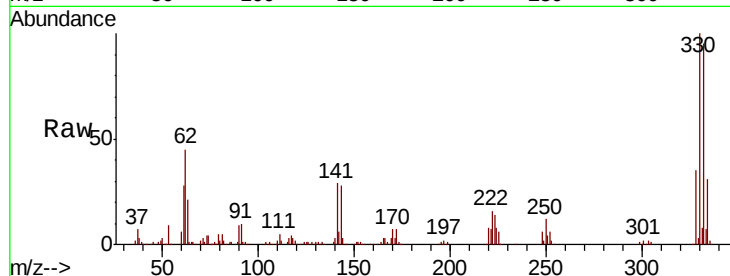
Tot Ion:330 Resp: 484682

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

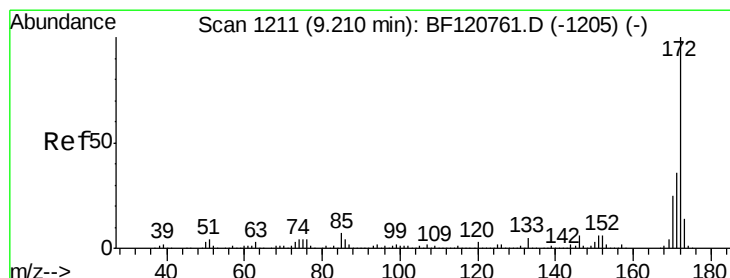
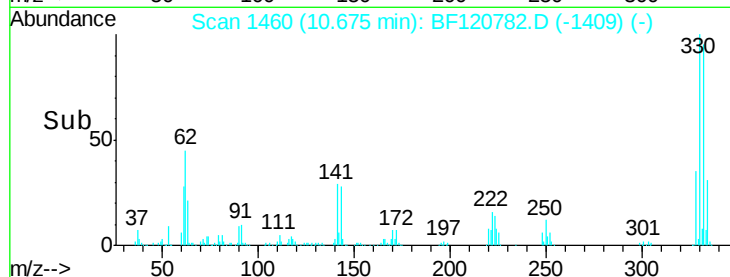
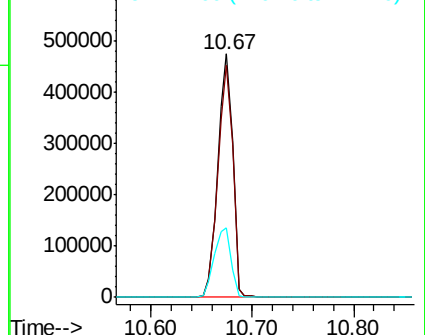
141 32.6 29.7 44.5



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: 97.492 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

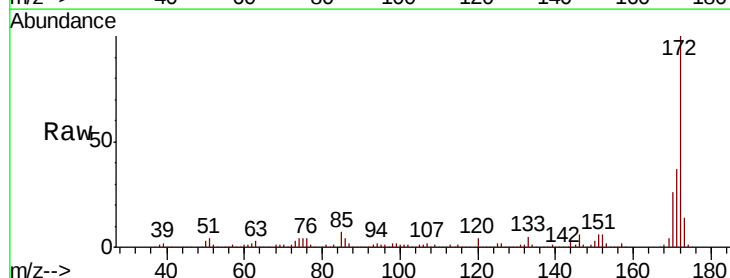
Tgt Ion:172 Resp: 1790272

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

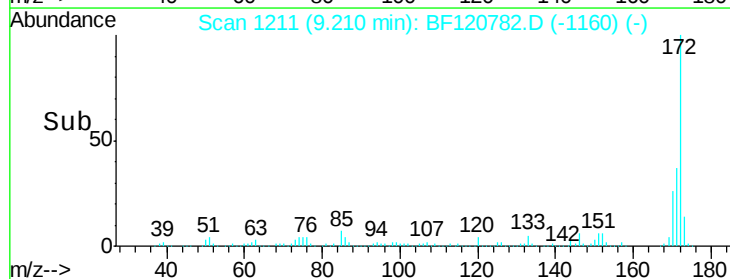
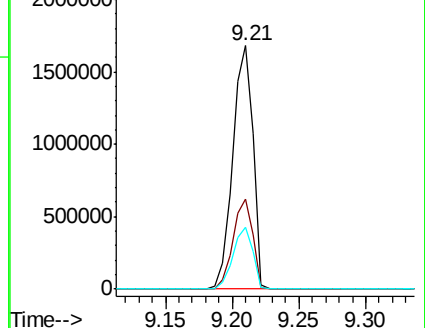
170 25.6 19.8 29.6

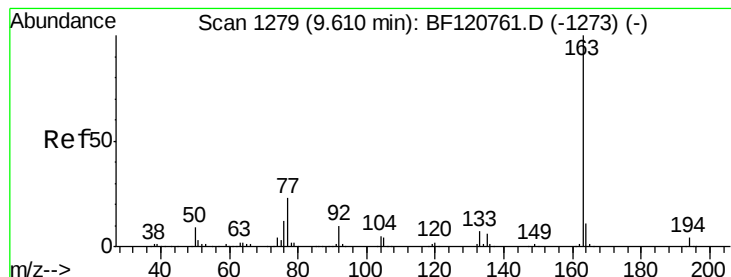


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.162 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

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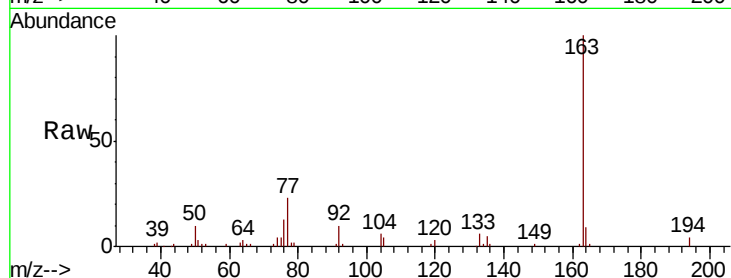
Tot Ion:163 Resp: 64086

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

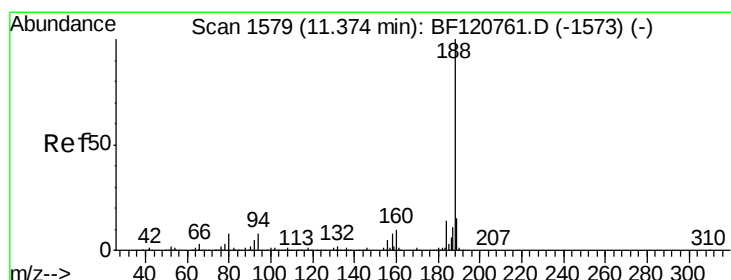
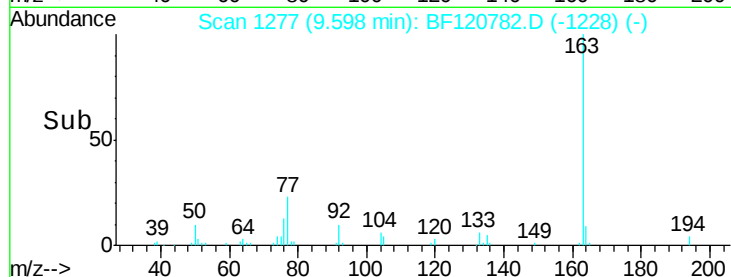
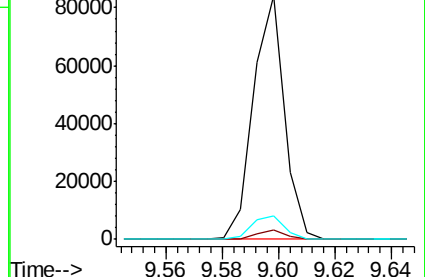
164 9.5 8.5 12.7



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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

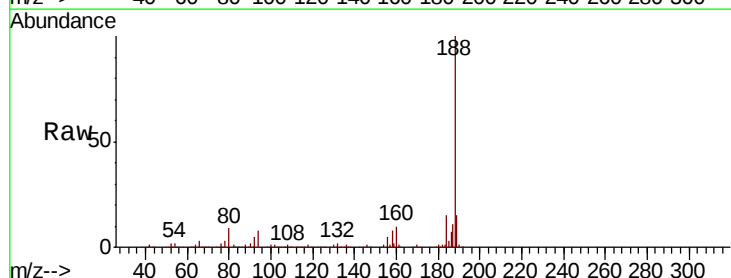
Tgt Ion:188 Resp: 523090

Ion Ratio Lower Upper

188 100

94 8.4 6.6 9.8

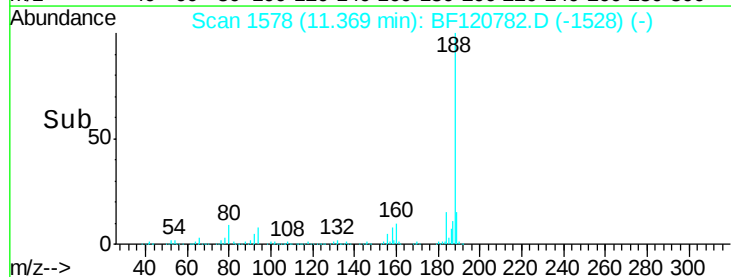
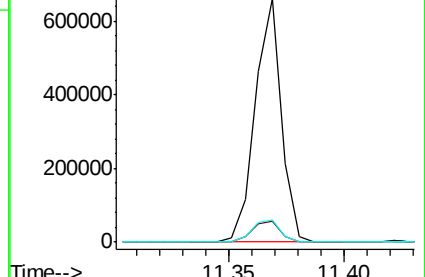
80 8.9 6.6 10.0

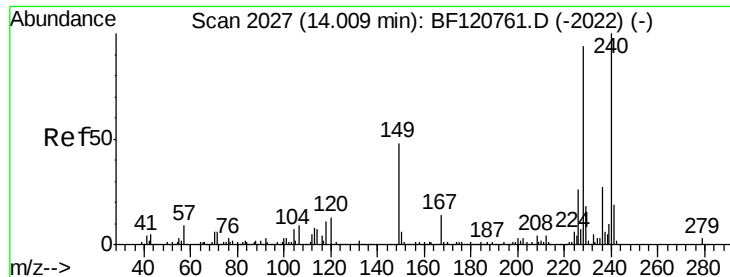


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

Instrument :

BNA_F

ClientSampleId :

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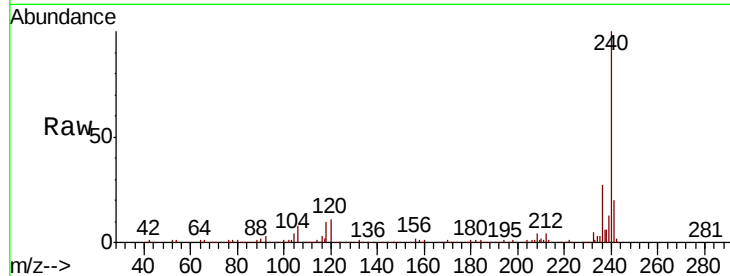
Tot Ion:240 Resp: 442947

Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

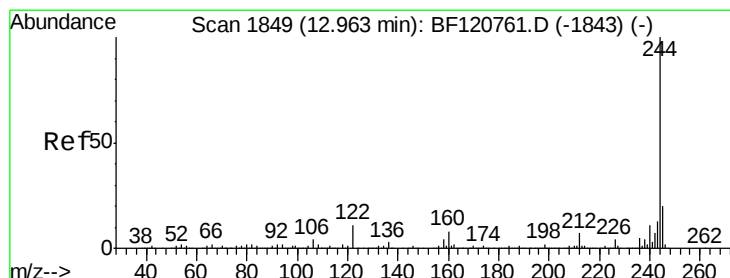
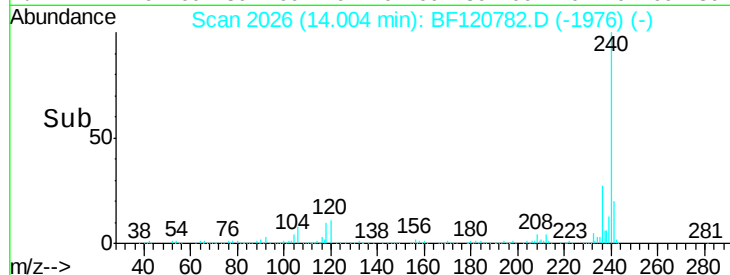
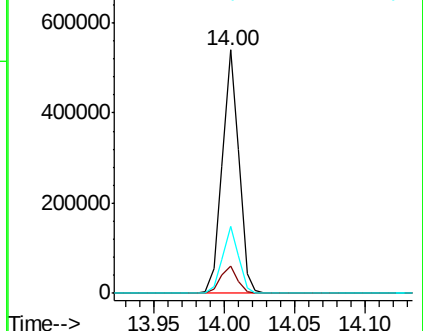
236 27.3 21.4 32.2



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: 101.926 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120782.D

Acq: 7 Jul 2020 12:46

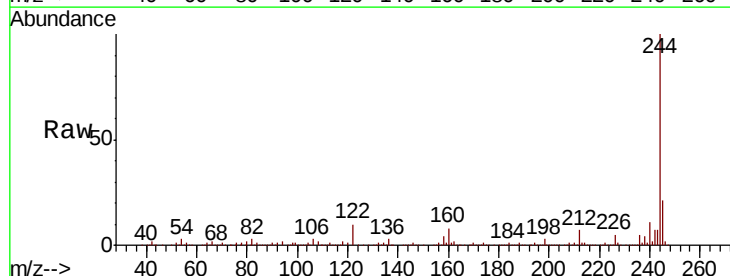
Tgt Ion:244 Resp: 2305942

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

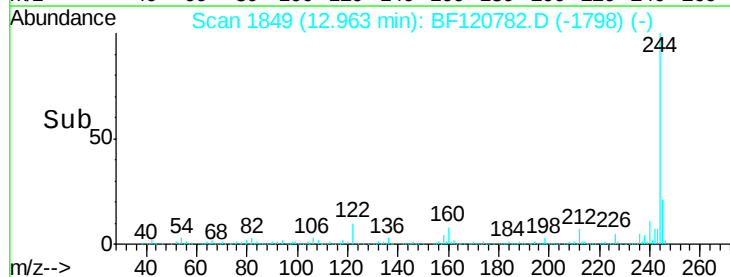
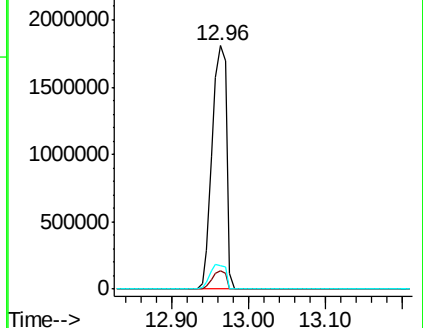
122 9.6 9.0 13.4

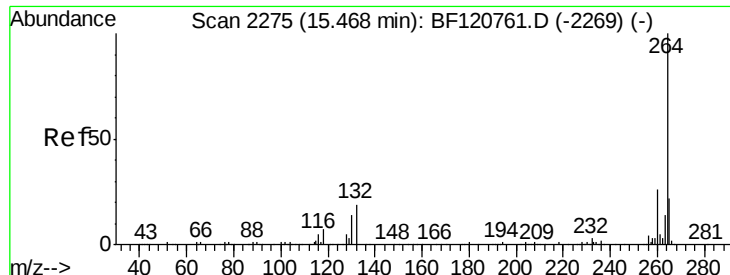


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

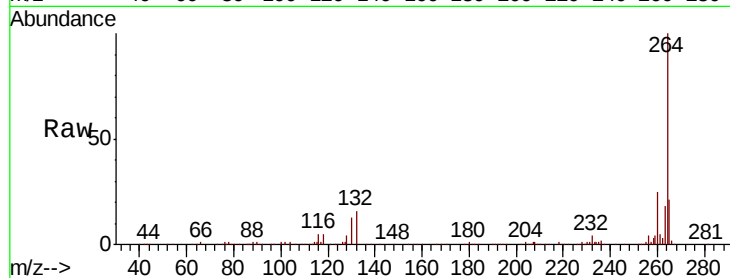




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF120782.D
 Acq: 7 Jul 2020 12:46

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.2	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

