

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
 Data File : BF119449.D
 Acq On : 19 Mar 2020 20:26
 Operator : CG/JU
 Sample : L1954-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11A

Quant Time: Mar 20 04:27:13 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

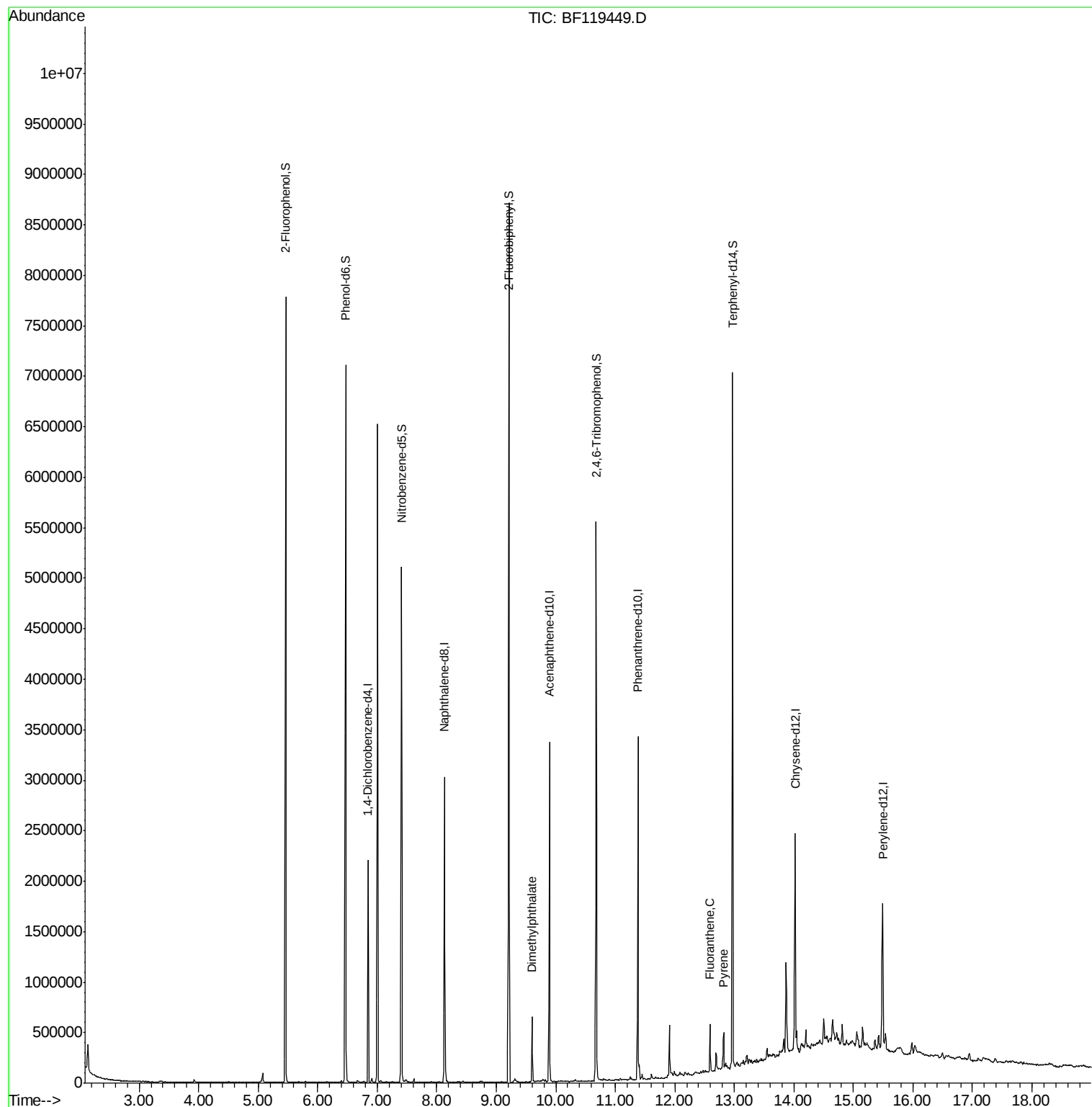
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1274328	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	663662	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1162135	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	656145	20.00	ng	-0.01
87) Perylene-d12	15.49	264	683696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2053868	98.15	ng	0.00
7) Phenol-d6	6.47	99	2627232	98.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	1592063	67.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	663322	96.88	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2858439	63.81	ng	0.00
79) Terphenyl-d14	12.97	244	2681582	80.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	231737	4.916	ng	100
75) Fluoranthene	12.59	202	170543	2.615	ng	95
78) Pyrene	12.82	202	152993	2.841	ng	97

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

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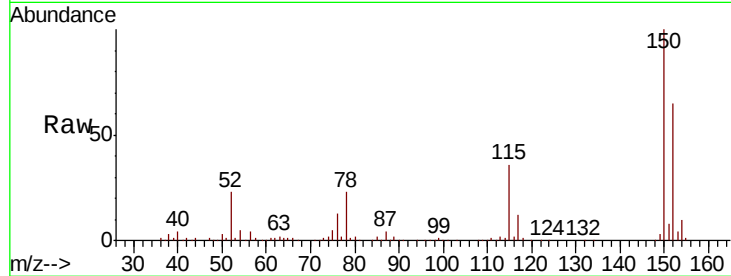


#1

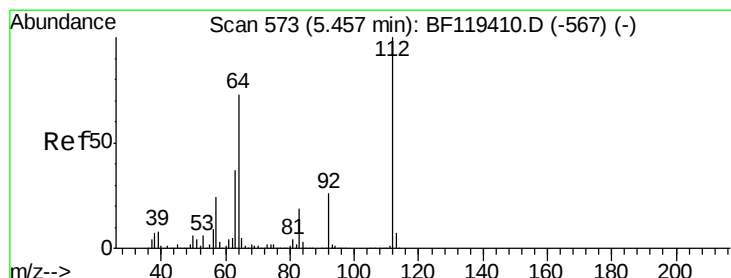
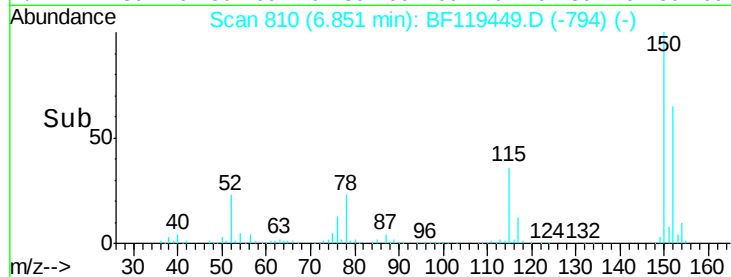
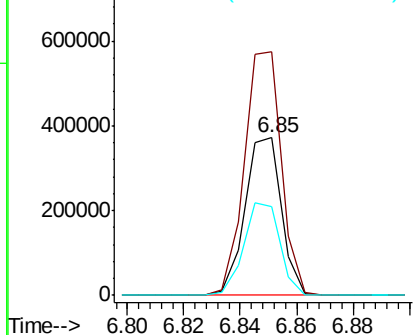
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Instrument :
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TP-11A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.9	185.9
115	56.2	47.8	71.6



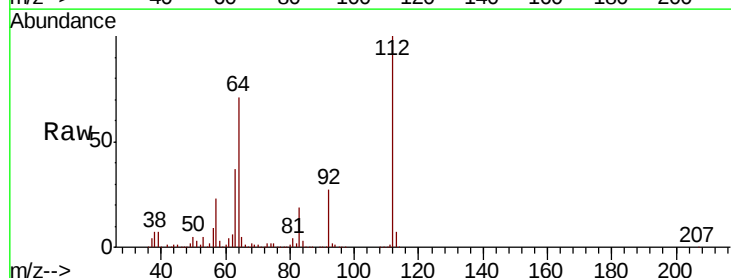
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



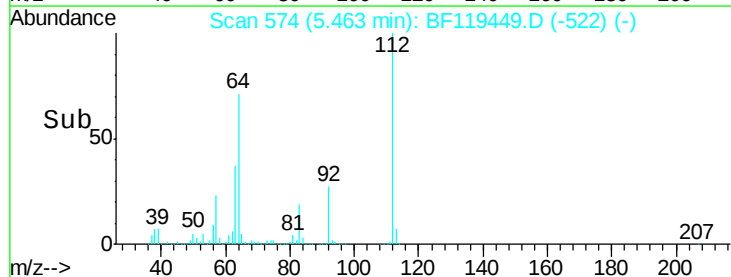
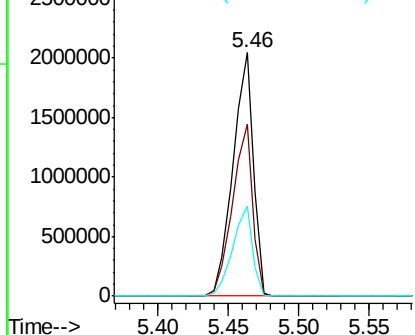
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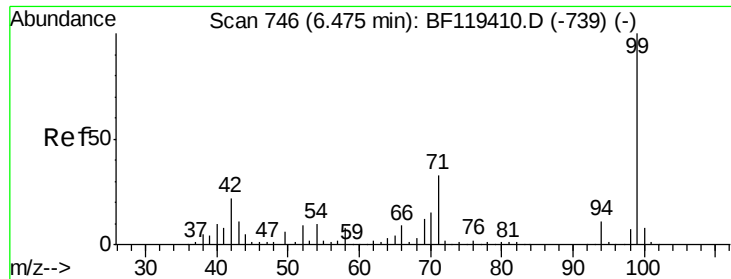
2-Fluorophenol
Concen: 98.146 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	58.1	87.1
63	36.8	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: 98.279 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

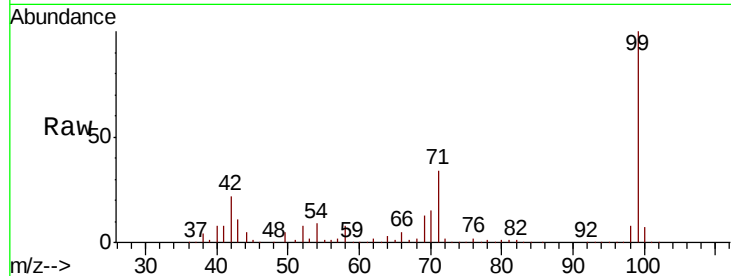
Tot Ion: 99 Resp: 2627232

Ion Ratio Lower Upper

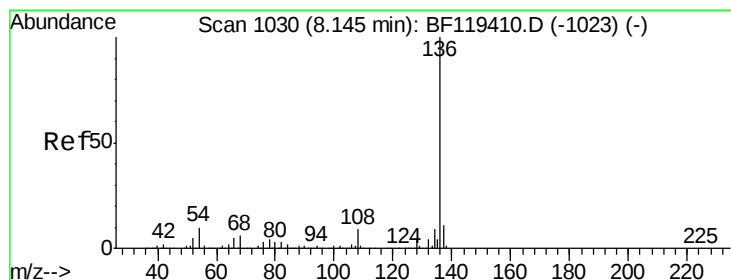
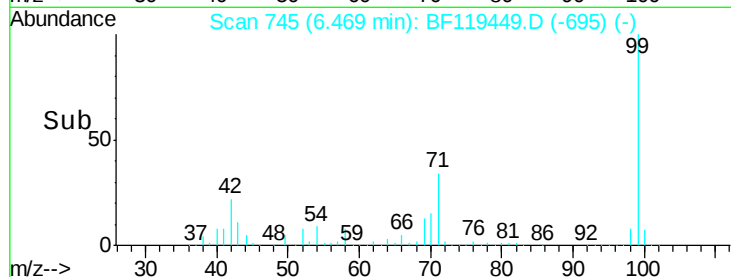
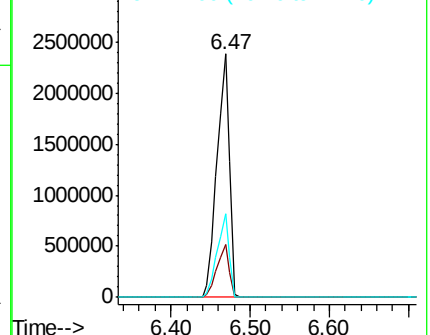
99 100

42 21.6 17.8 26.6

71 34.2 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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Tgt Ion: 136 Resp: 1274328

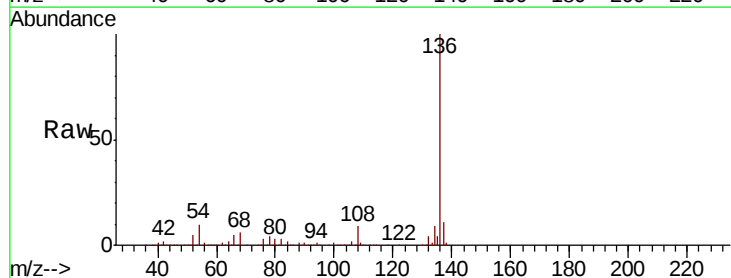
Ion Ratio Lower Upper

136 100

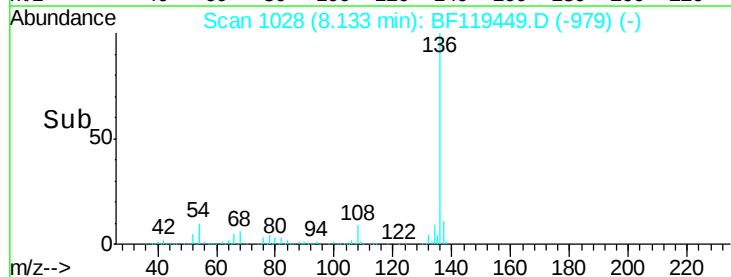
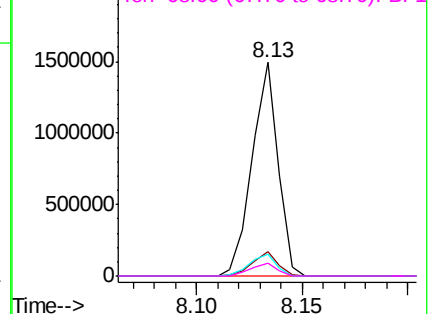
137 11.3 8.4 12.6

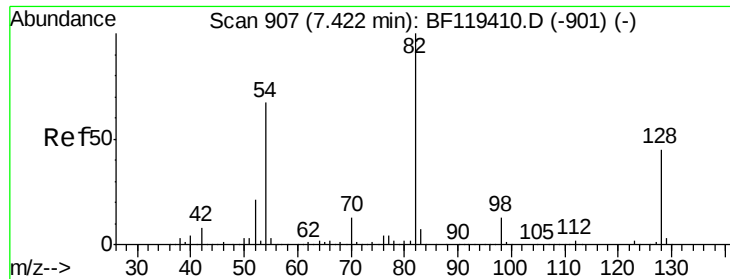
54 10.4 8.3 12.5

68 5.9 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

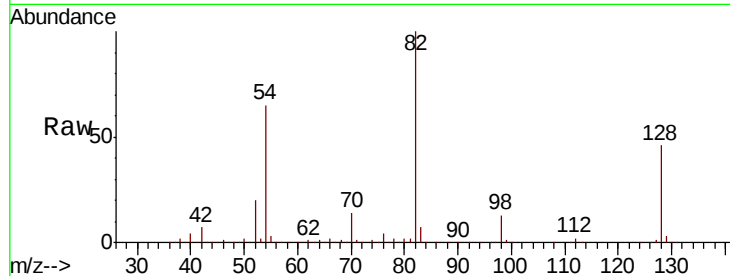




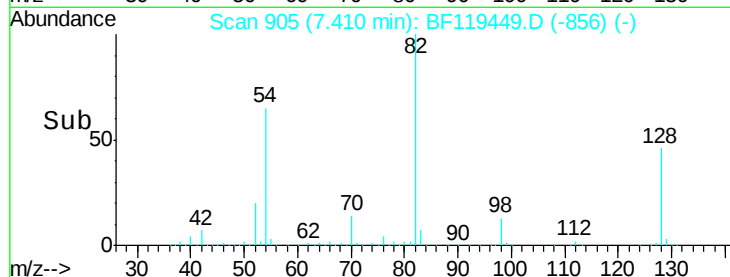
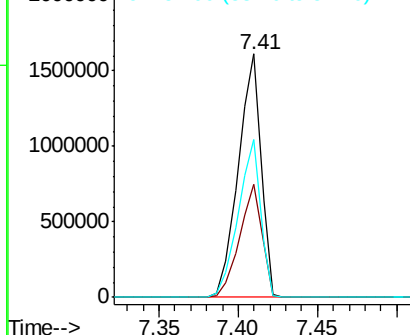
#23
Nitrobenzene-d5
Concen: 67.899 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-11A

Tot Ion: 82 Resp: 1592063
Ion Ratio Lower Upper
82 100
128 46.4 35.8 53.8
54 64.9 53.4 80.0

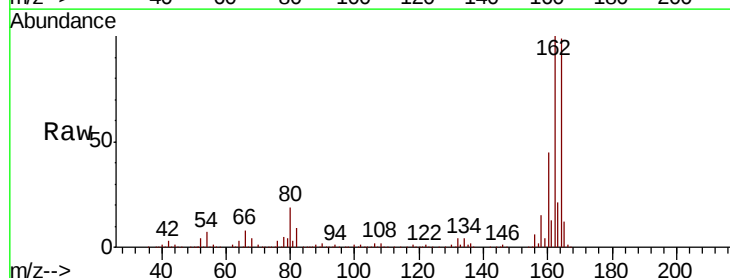


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

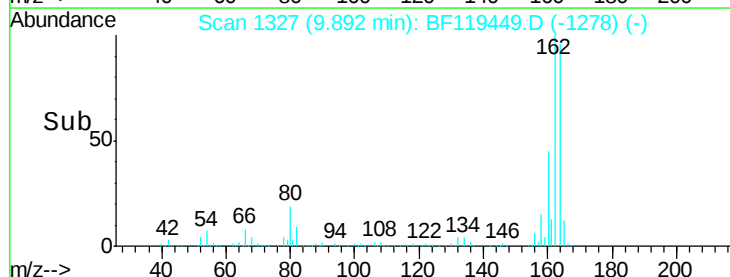
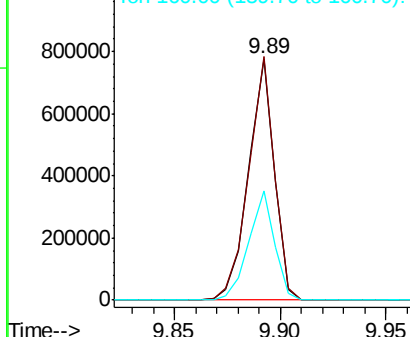


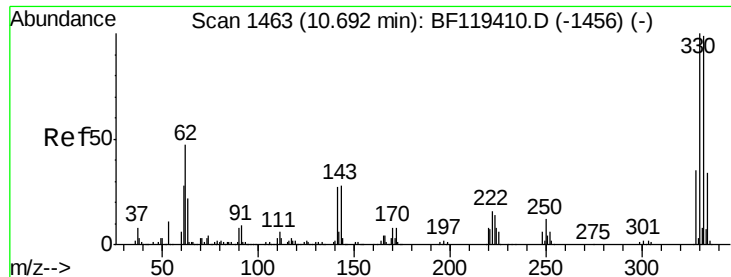
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion: 164 Resp: 663662
Ion Ratio Lower Upper
164 100
162 100.8 80.7 121.1
160 45.0 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: 96.881 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-11A

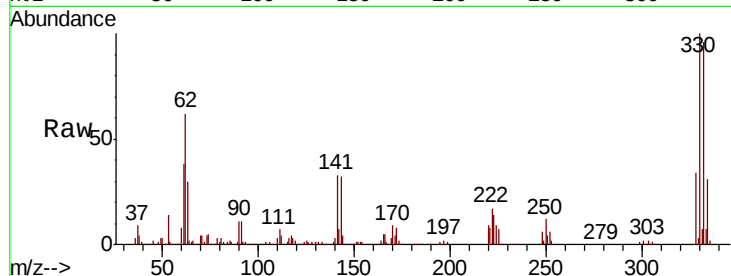
Tot Ion:330 Resp: 663322

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

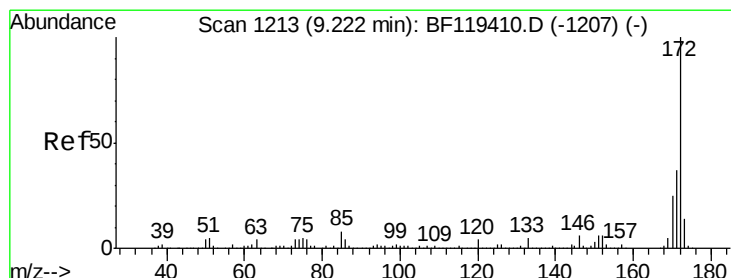
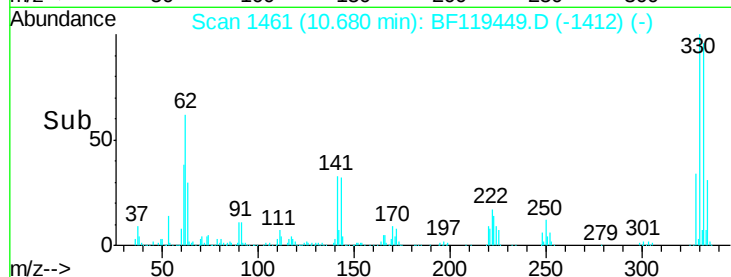
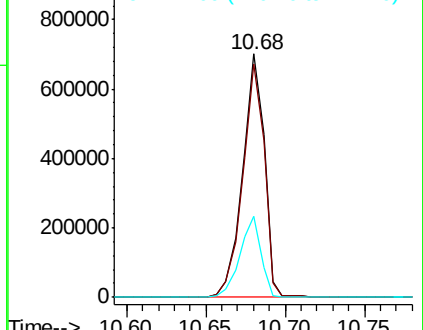
141 32.6 26.6 40.0



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: 63.808 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

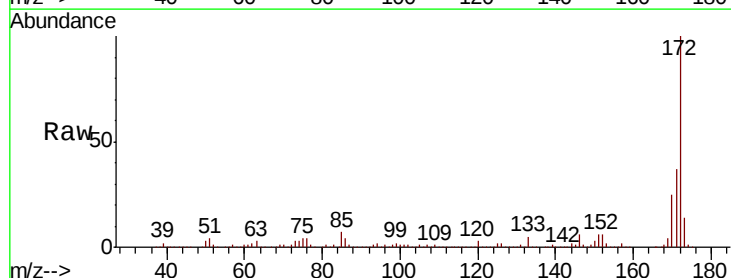
Tgt Ion:172 Resp: 2858439

Ion Ratio Lower Upper

172 100

171 37.4 29.9 44.9

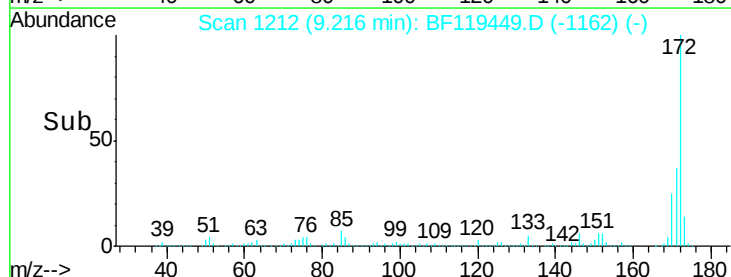
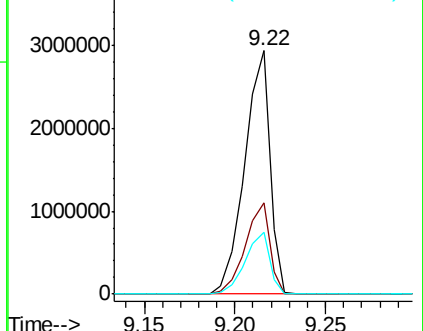
170 25.2 20.1 30.1

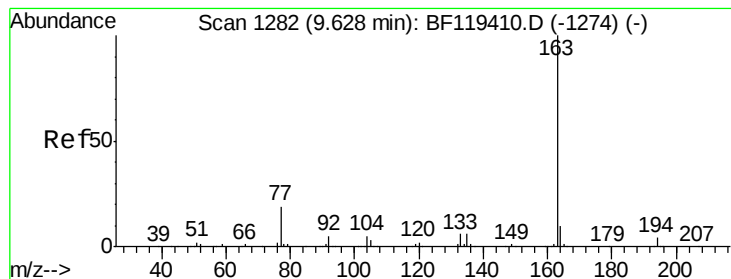


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.916 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

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TP-11A

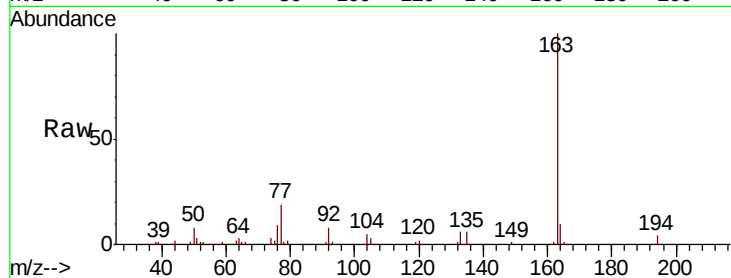
Tot Ion:163 Resp: 231737

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

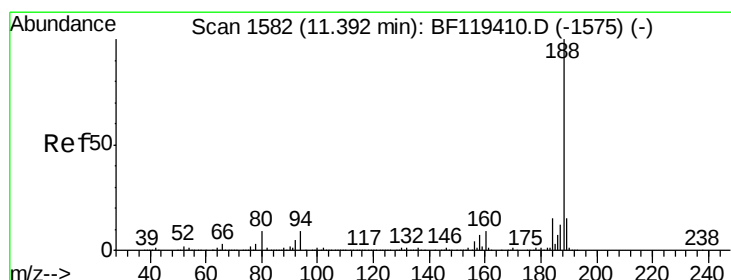
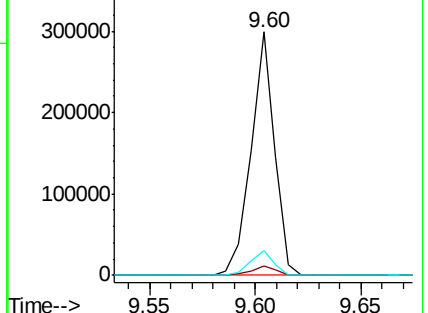
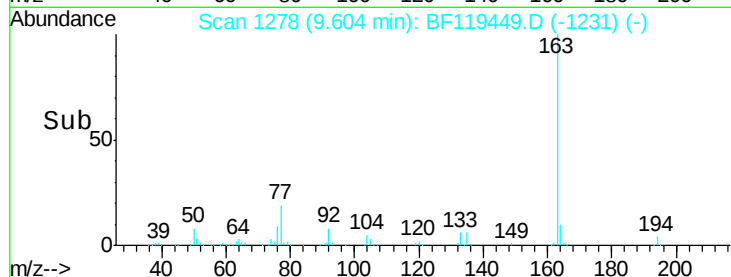
164 9.9 8.1 12.1



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119449.D

Acq: 19 Mar 2020 20:26

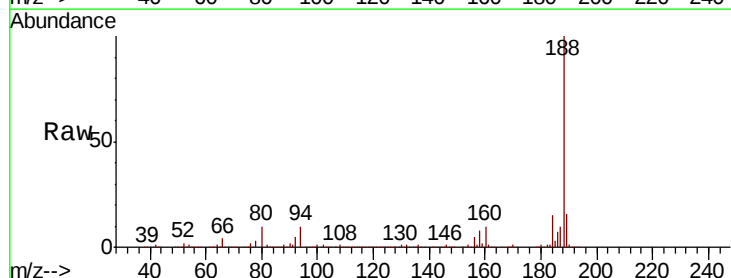
Tgt Ion:188 Resp: 1162135

Ion Ratio Lower Upper

188 100

94 9.7 7.1 10.7

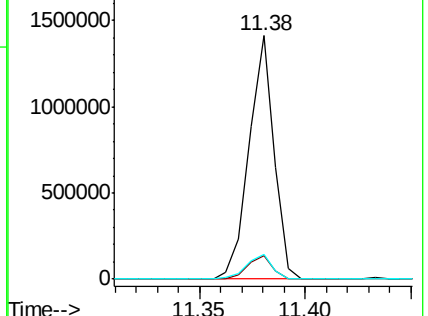
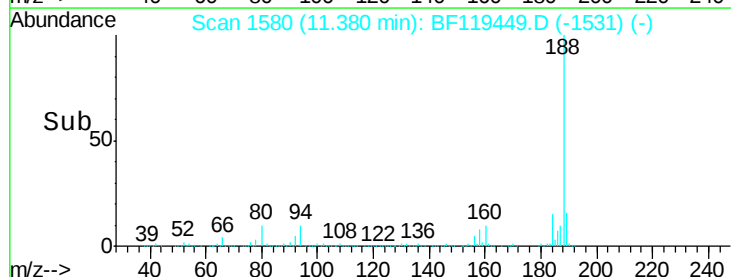
80 10.0 7.5 11.3

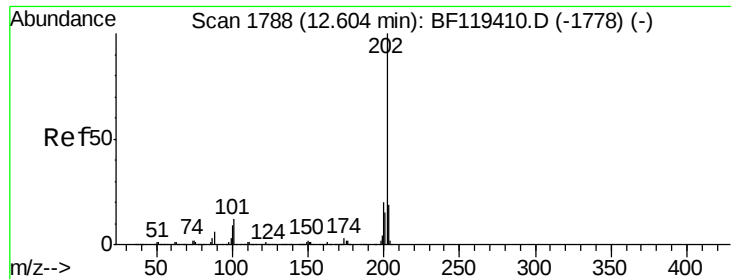


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

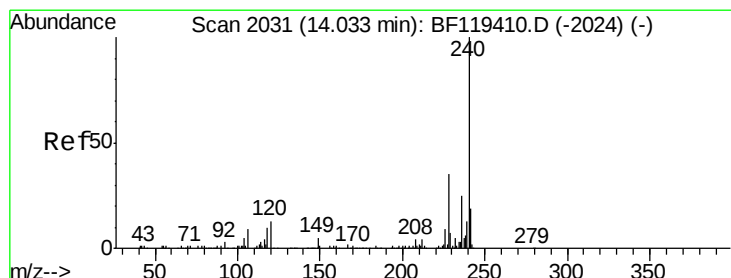
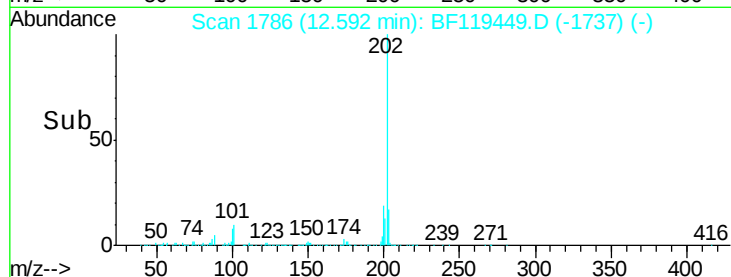
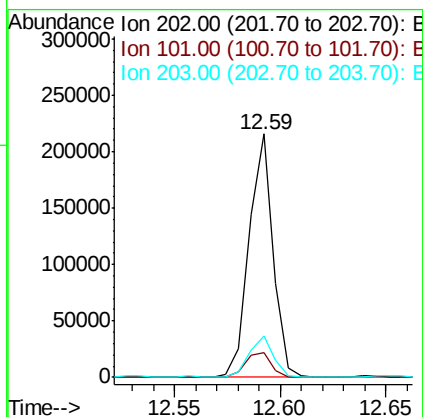
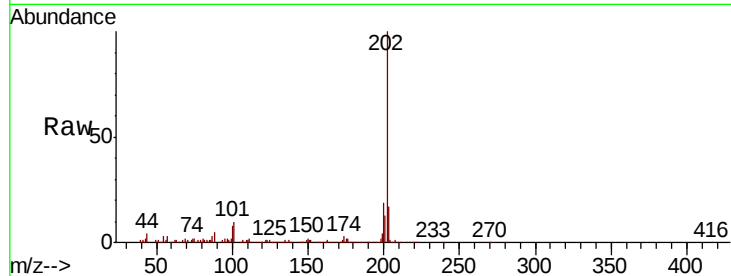




#75
Fluoranthene
Concen: 2.615 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

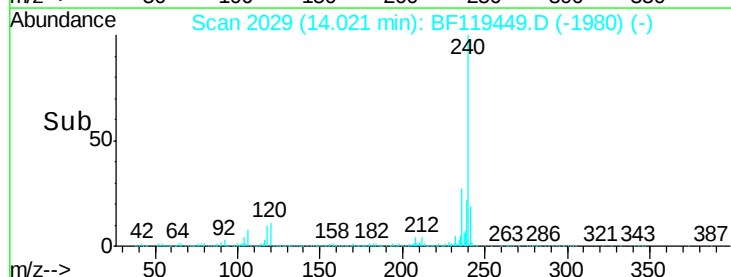
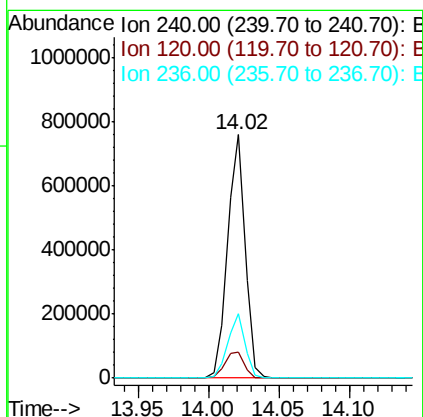
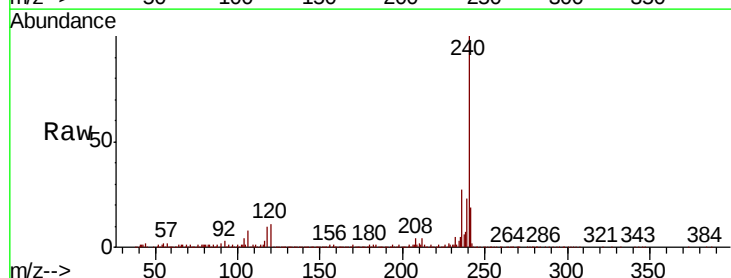
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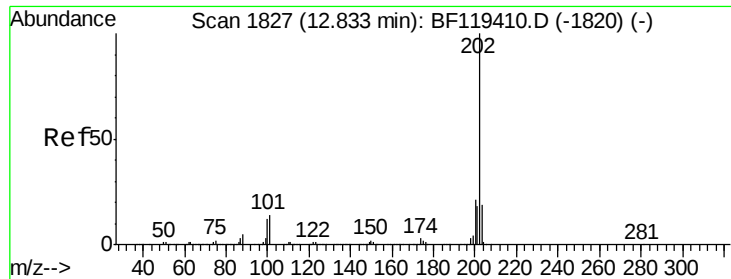
Tot Ion:	202	Resp:	170543
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.4
203	16.9	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion:	240	Resp:	656145
Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.2	15.4
236	26.7	20.4	30.6

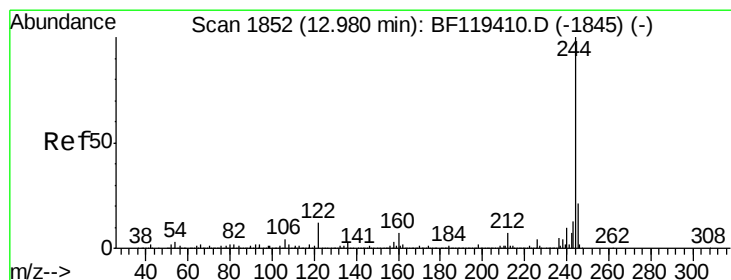
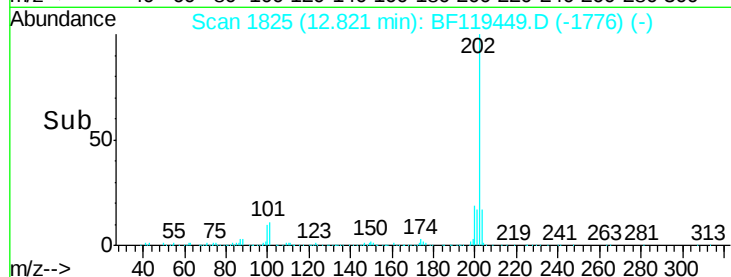
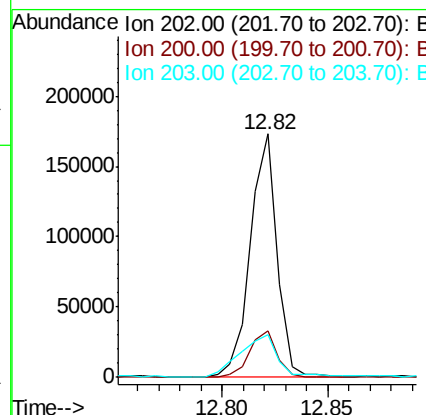
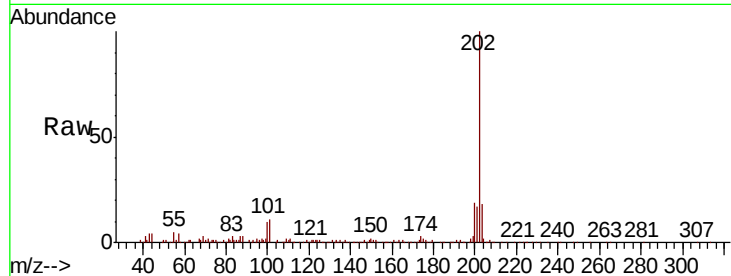




#78
Pvrene
Concen: 2.841 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

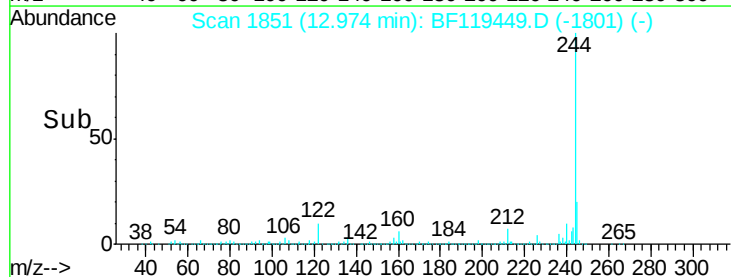
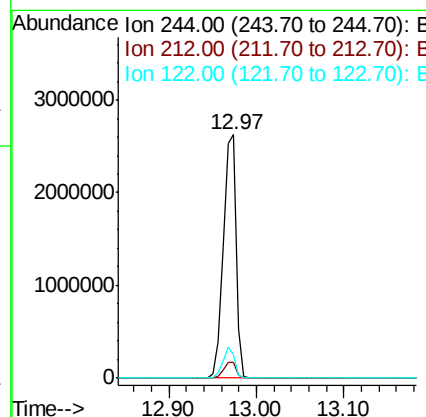
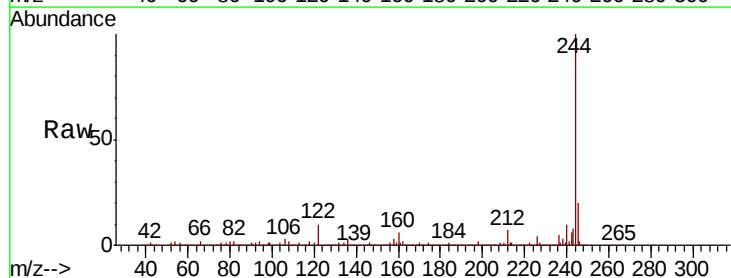
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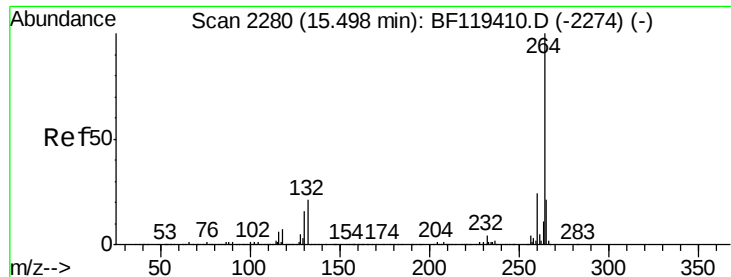
Tot Ion:202 Resp: 152993
Ion Ratio Lower Upper
202 100
200 19.0 16.8 25.2
203 17.6 14.8 22.2



#79
Terphenyl-d14
Concen: 80.071 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Tgt Ion:244 Resp: 2681582
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.8 9.8 14.8#

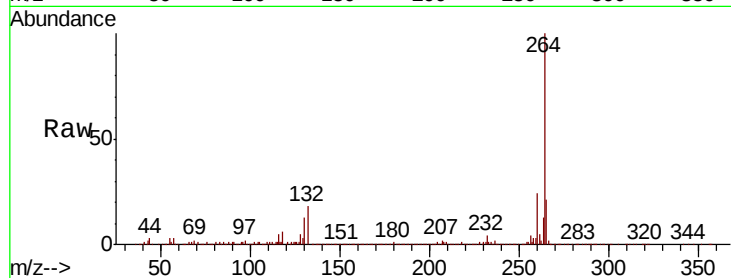




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119449.D
Acq: 19 Mar 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-11A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	16.9	25.3



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

