

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118537.D
 Acq On : 13 Jan 2020 18:16
 Operator : JU
 Sample : L1091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-SOIL

Quant Time: Jan 14 12:15:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

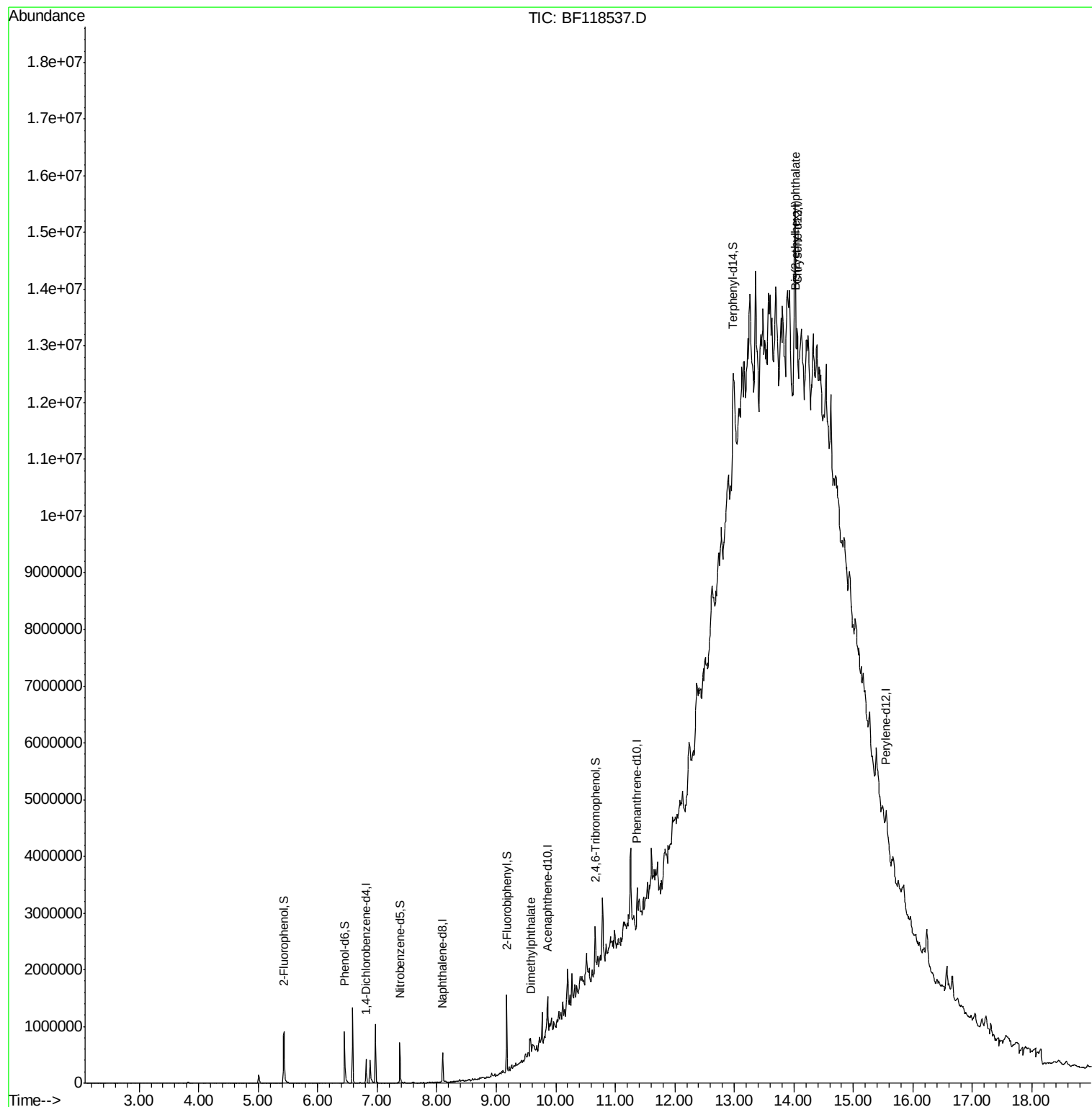
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59274	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	222208	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	105954	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	170823	20.00	ng	0.00
76) Chrysene-d12	14.06	240	148407	20.00	ng	0.05
87) Perylene-d12	15.56	264	183250	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	318012	88.56	ng	0.00
7) Phenol-d6	6.46	99	343001	79.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	206685	48.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	91163	72.92	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	397318	53.78	ng	0.00
79) Terphenyl-d14	12.97	244	444625	47.48	ng	0.03
Target Compounds						
50) Dimethylphthalate	9.57	163	34597	4.254	ng	# 90
84) Bis(2-ethylhexyl)phthalate	14.02	149	781883	102.980	ng	# 95

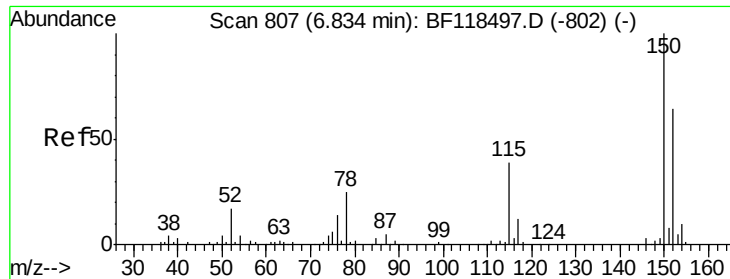
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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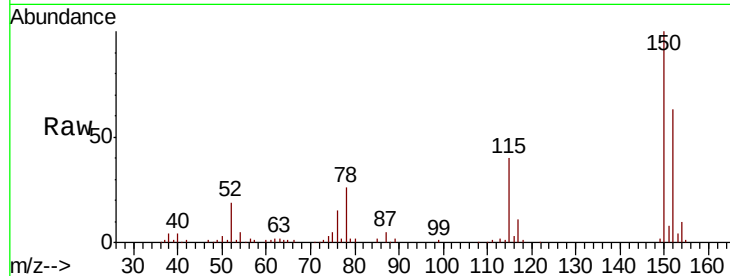


#1

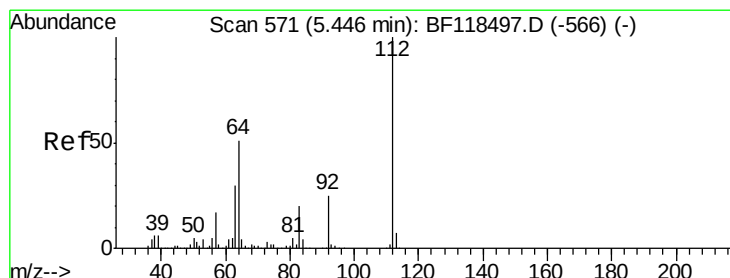
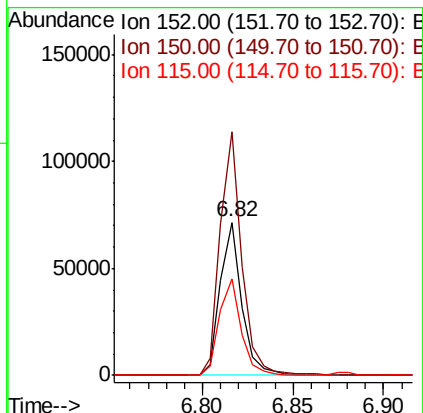
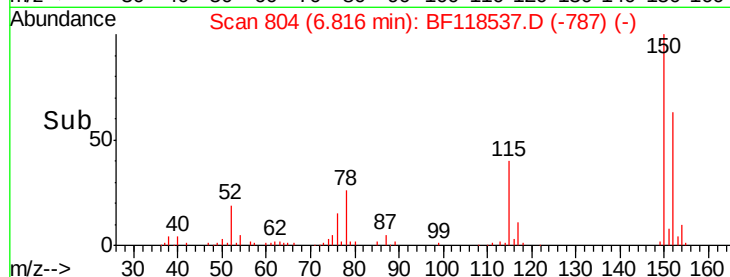
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF118537.D
 Acq: 13 Jan 2020 18:16

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-SOIL

Tot Ion:152 Resp: 59274
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.4 188.0
 115 63.0 53.2 79.8



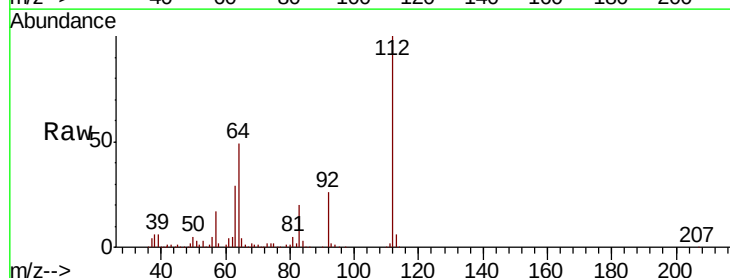
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



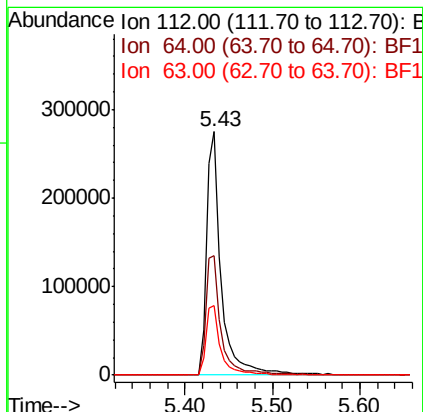
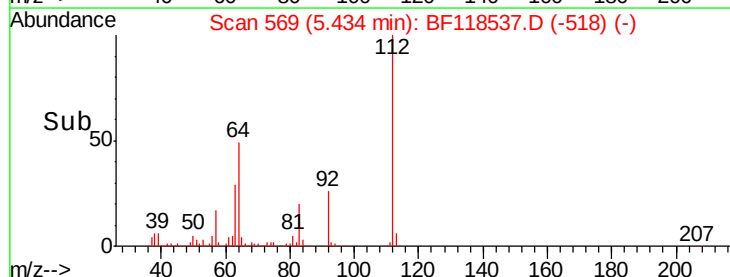
#5

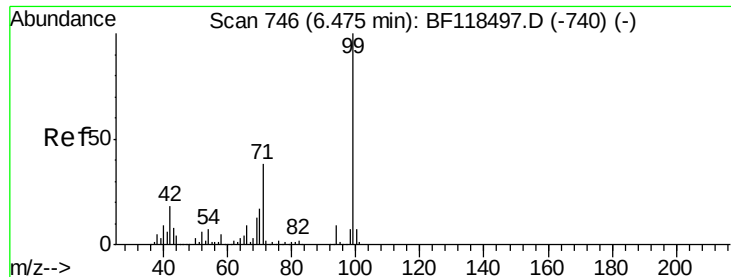
2-Fluorophenol
 Concen: 88.565 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118537.D
 Acq: 13 Jan 2020 18:16

Tgt Ion:112 Resp: 318012
 Ion Ratio Lower Upper
 112 100
 64 49.3 43.4 65.0
 63 28.6 25.5 38.3



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: 79.899 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

GRAVEL-SOIL

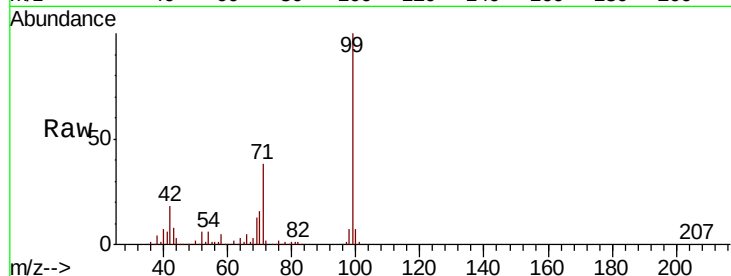
Tot Ion: 99 Resp: 343001

Ion Ratio Lower Upper

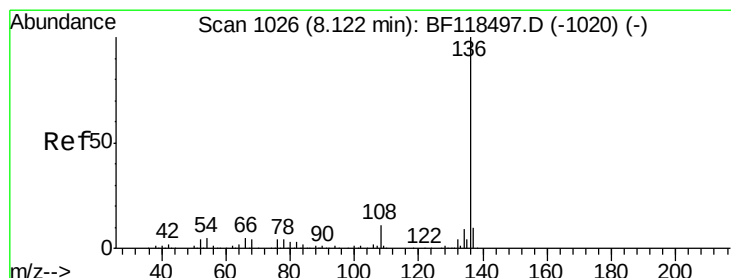
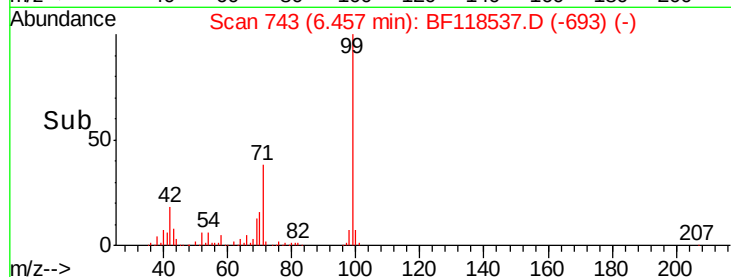
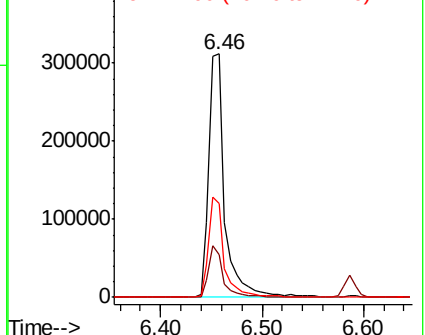
99 100

42 17.6 15.0 22.4

71 38.5 31.4 47.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Tgt Ion: 136 Resp: 222208

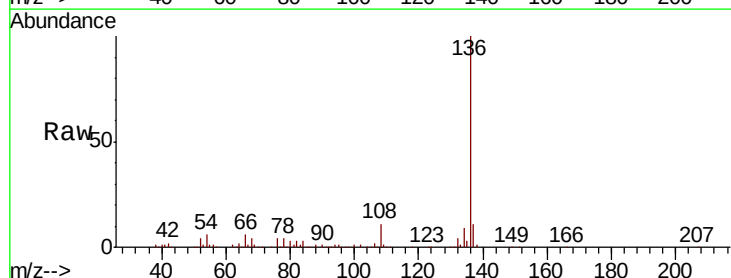
Ion Ratio Lower Upper

136 100

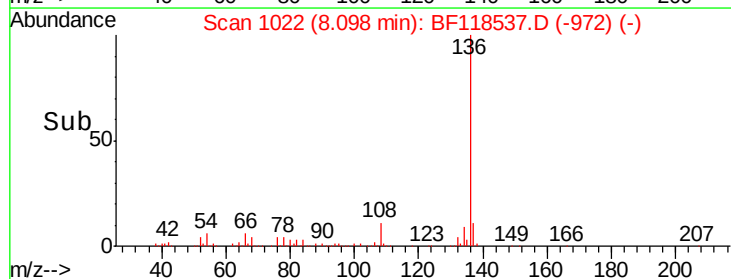
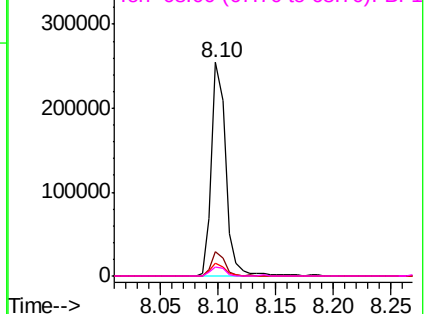
137 11.3 8.5 12.7

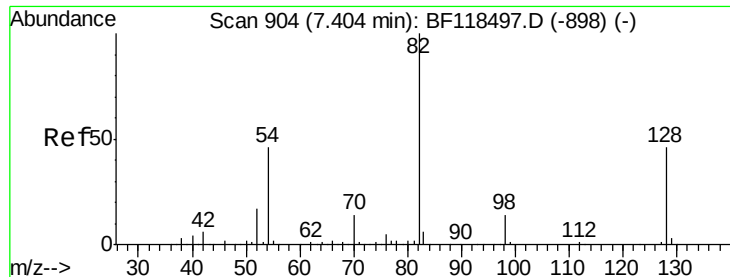
54 5.8 4.8 7.2

68 4.5 3.7 5.5



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

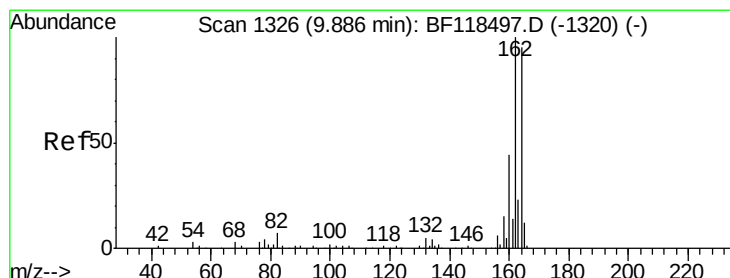
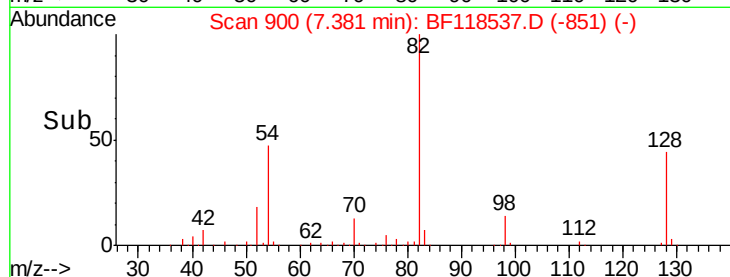
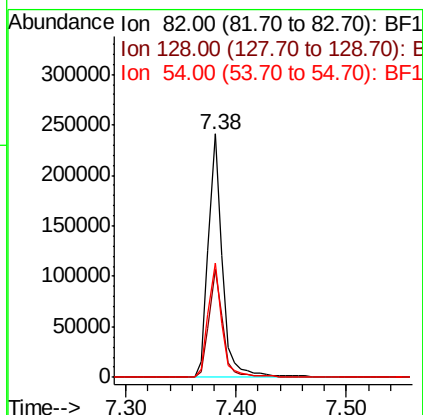
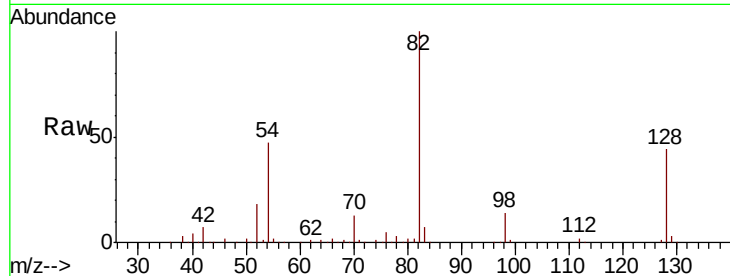




#23
Nitrobenzene-d5
Concen: 48.862 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

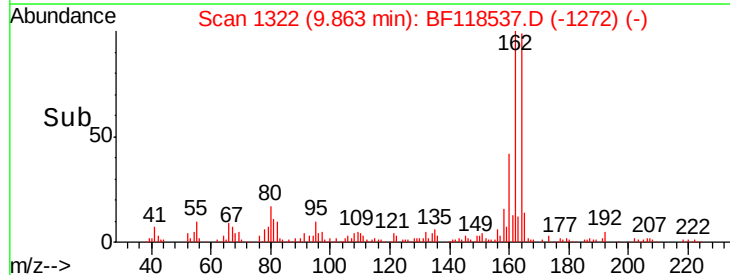
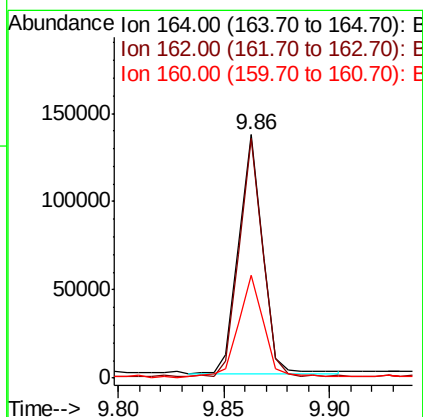
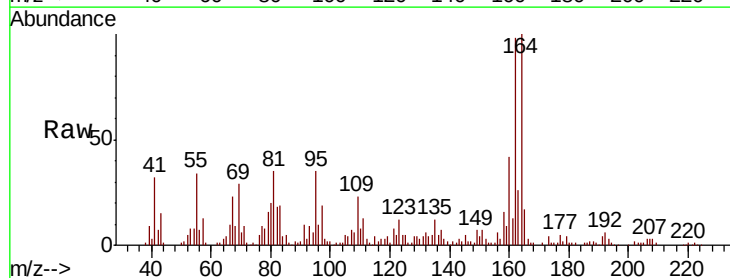
Instrument :
BNA_F
ClientSampleId :
GRAVEL-SOIL

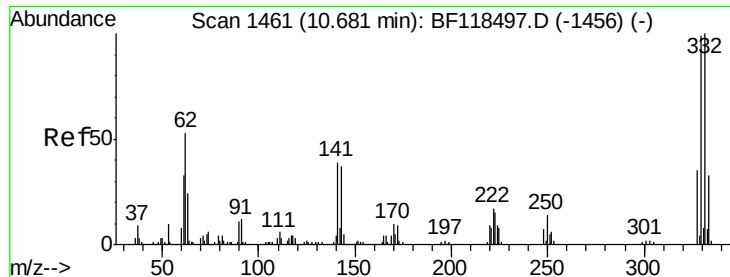
Tot Ion	82	Resp	206685
Ion Ratio	100		
Lower	36.6		
Upper	54.8		
128	44.5		
54	46.9		
	38.2		
	57.2		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion	164	Resp	105954
Ion Ratio	100		
Lower	82.3		
Upper	123.5		
162	98.3		
160	42.1		
	35.3		
	52.9		

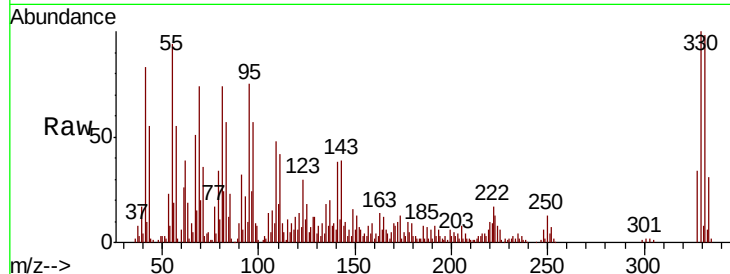




#42
 2,4,6-Tribromophenol
 Concen: 72.917 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF118537.D
 Acq: 13 Jan 2020 18:16

Instrument :
 BNA_F
 ClientSampleId :
 GRAVEL-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.5	113.3
141	33.9	27.8	41.6

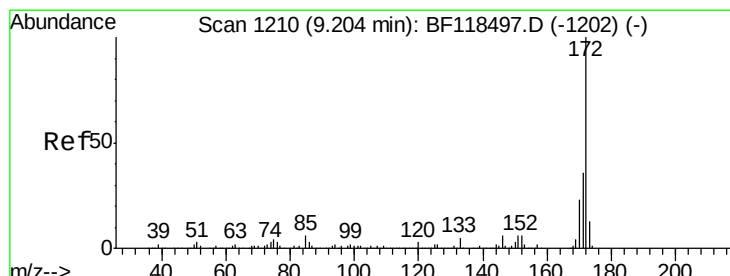
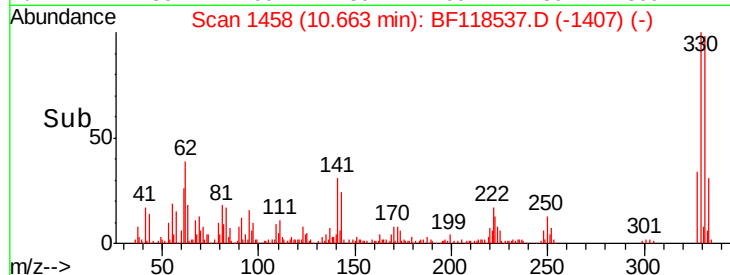
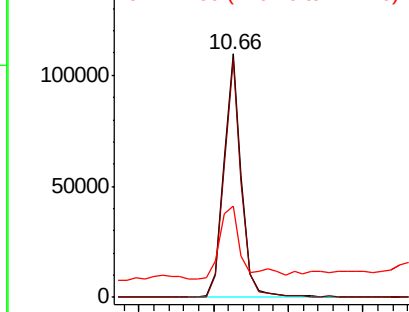


Abundance

Ion 329.80 (329.50 to 330.50): E

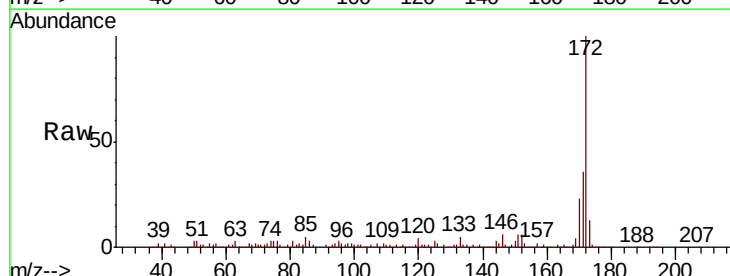
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 53.781 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF118537.D
 Acq: 13 Jan 2020 18:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	23.3	19.0	28.4

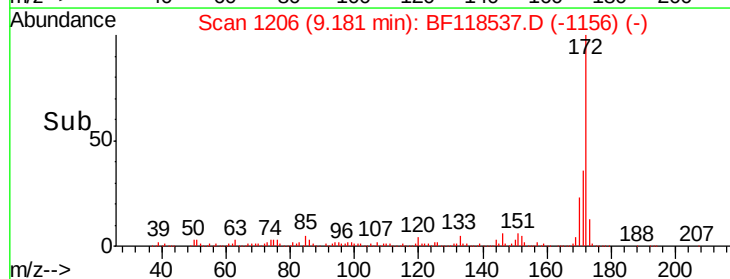
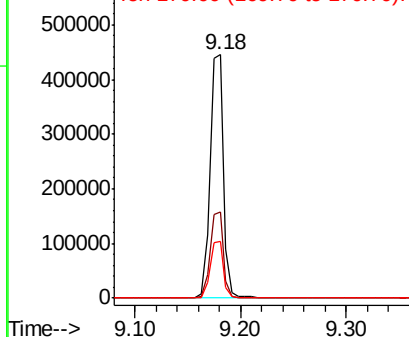


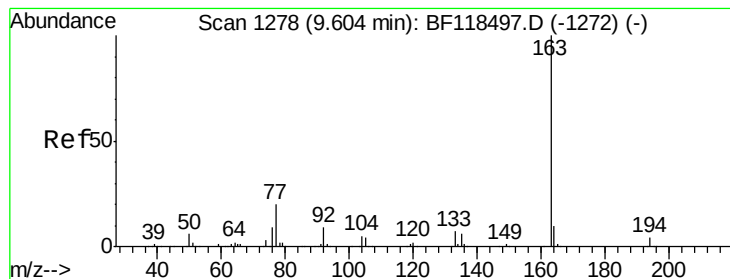
Abundance

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: 4.254 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

GRAVEL-SOIL

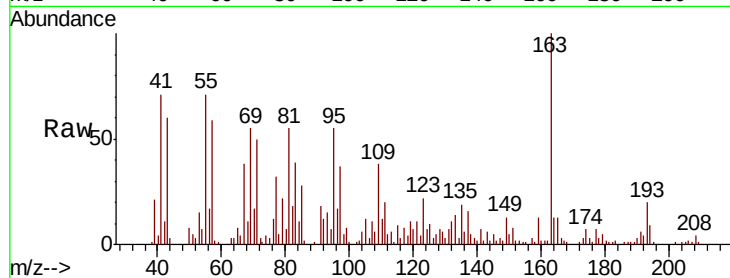
Tot Ion:163 Resp: 34597

Ion Ratio Lower Upper

163 100

194 9.1 3.1 4.7#

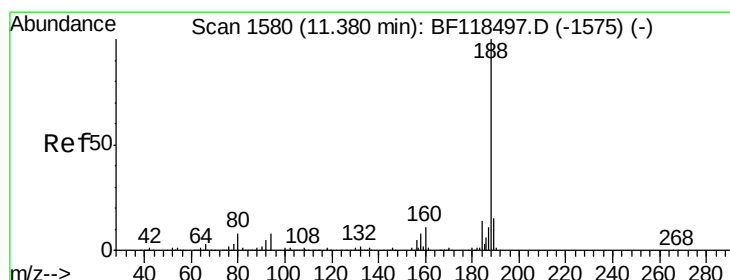
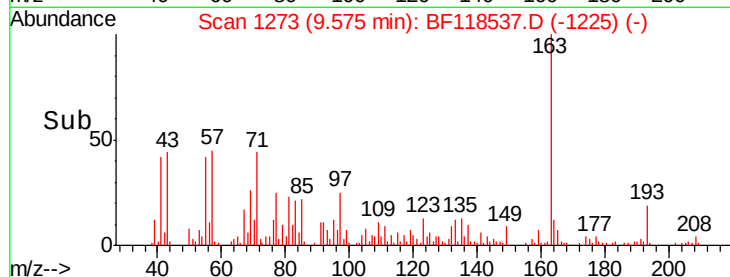
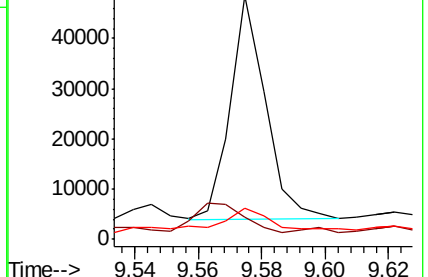
164 12.7 8.0 12.0#



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: BF118537.D

Acq: 13 Jan 2020 18:16

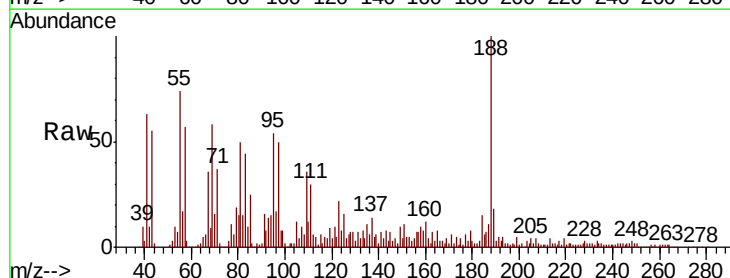
Tgt Ion:188 Resp: 170823

Ion Ratio Lower Upper

188 100

94 14.6 6.3 9.5#

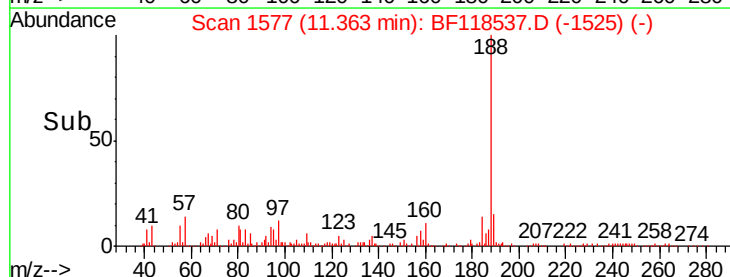
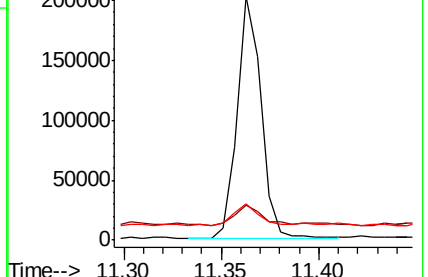
80 14.9 6.8 10.2#

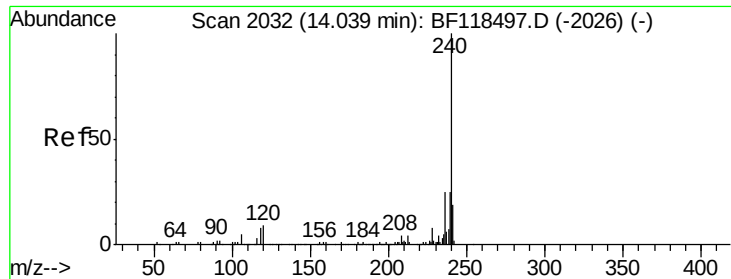


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

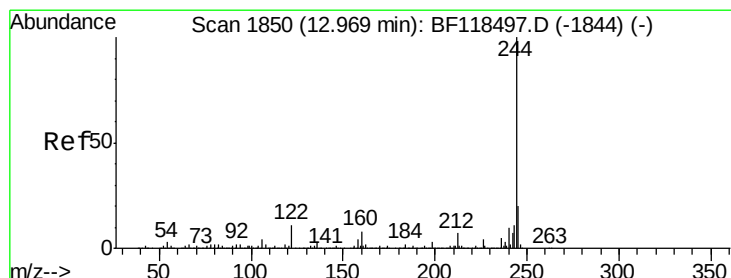
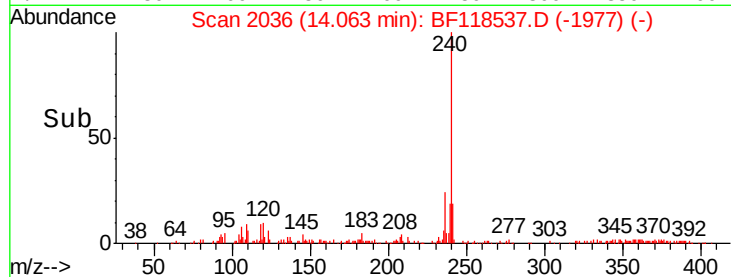
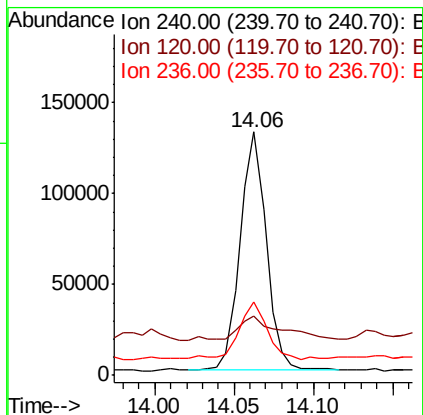
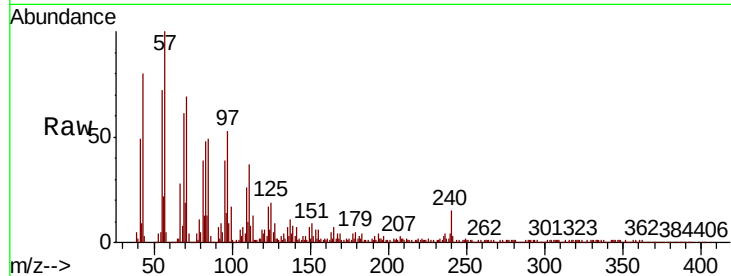




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.05 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

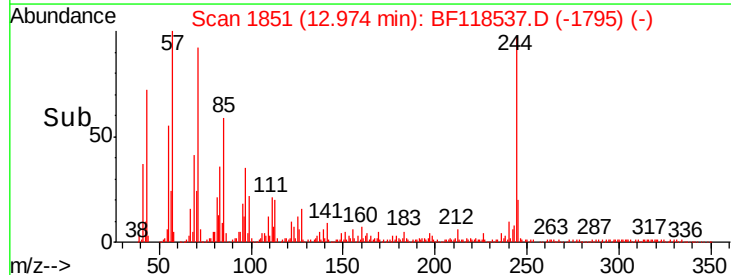
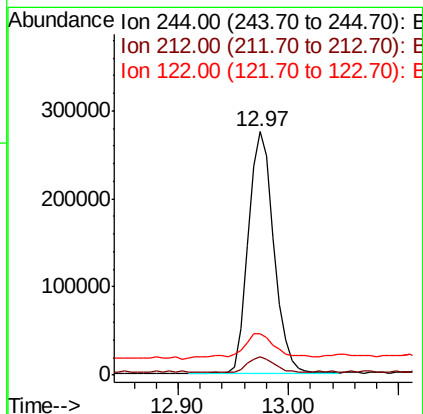
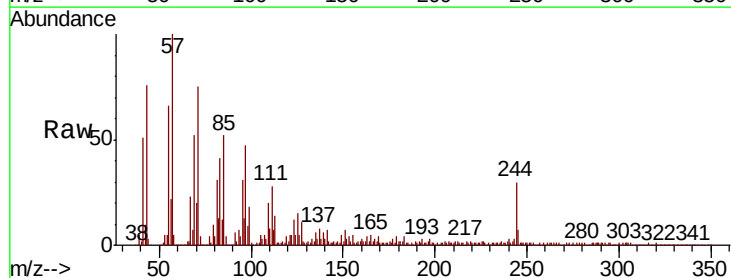
Instrument :
BNA_F
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GRAVEL-SOIL

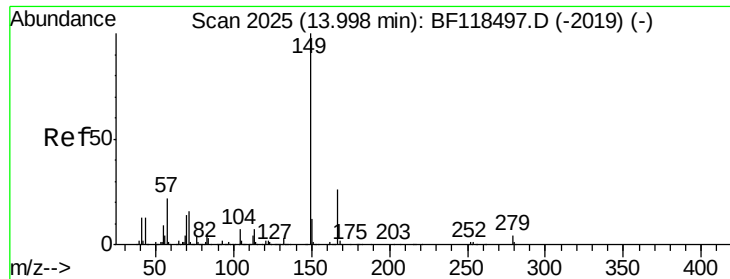
Tot Ion:240 Resp: 148407
Ion Ratio Lower Upper
240 100
120 24.2 6.9 10.3#
236 30.1 20.6 30.8



#79
Terphenyl-d14
Concen: 47.477 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.03 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion:244 Resp: 444625
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 16.8 9.5 14.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 102.980 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.05 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

GRAVEL-SOIL

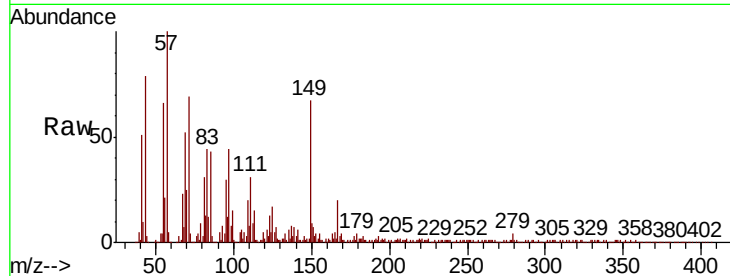
Tot Ion:149 Resp: 781883

Ion Ratio Lower Upper

149 100

167 28.9 21.1 31.7

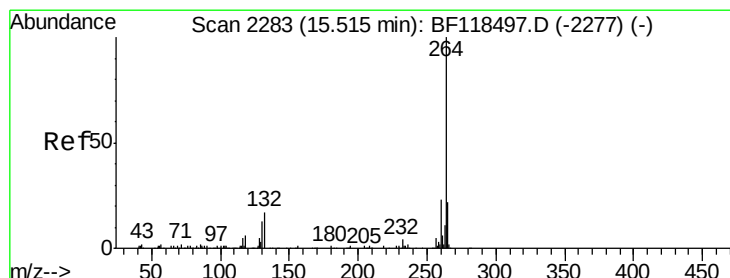
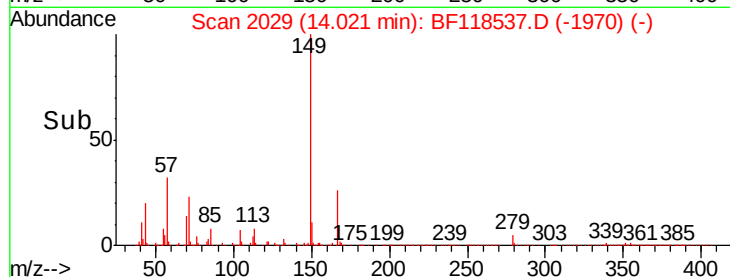
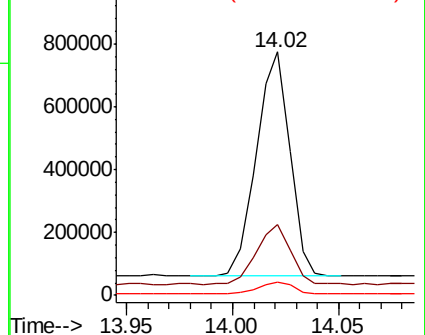
279 5.6 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.07 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

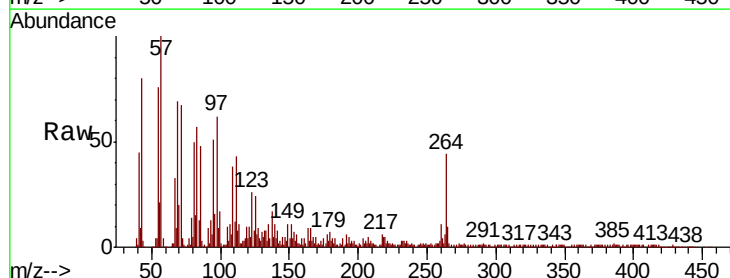
Tgt Ion:264 Resp: 183250

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 23.2 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

