

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118371.D
 Acq On : 28 Dec 2019 18:01
 Operator : JU
 Sample : K6438-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUNR-BF001-01

Quant Time: Dec 29 07:41:58 2019
 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

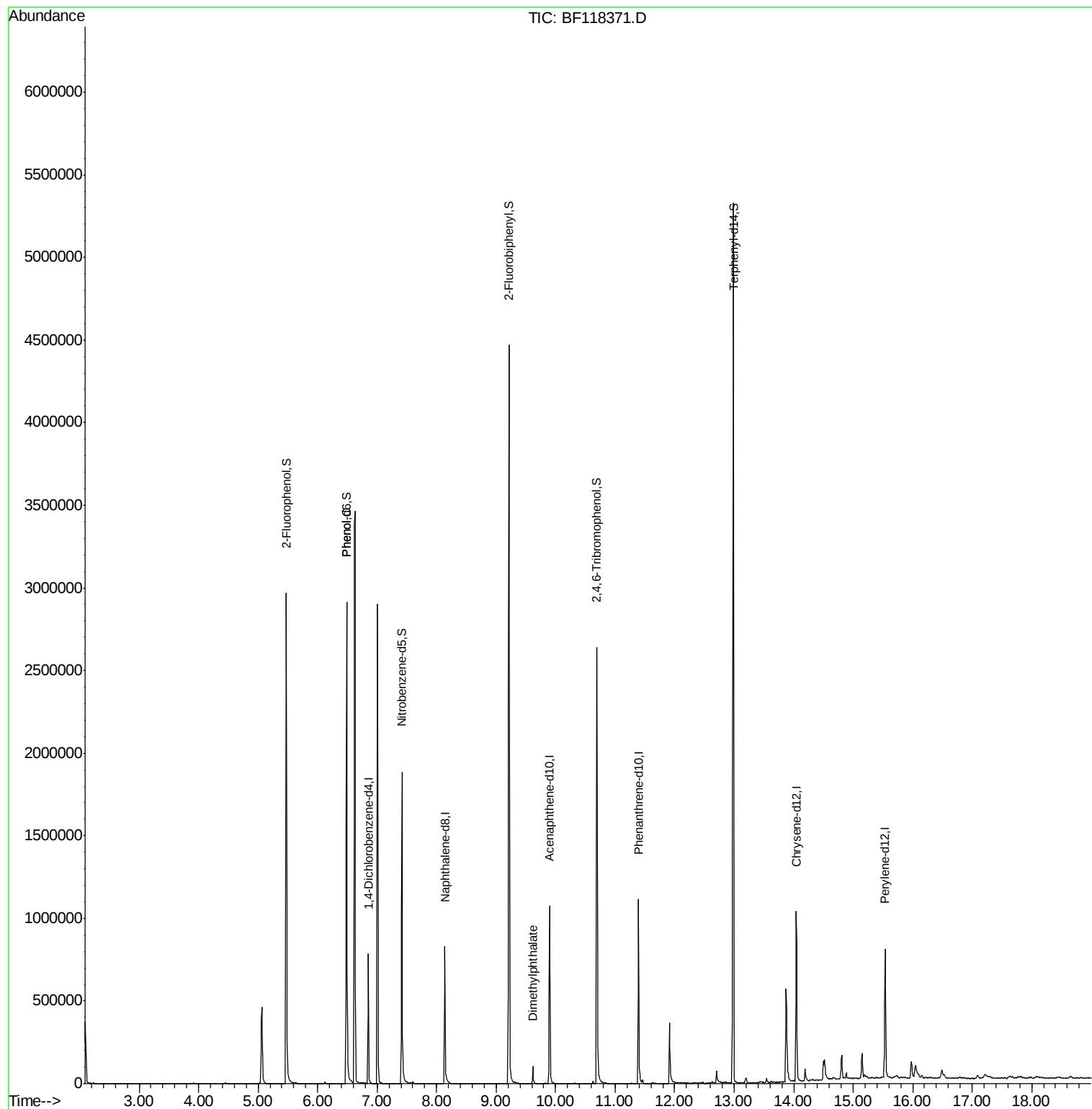
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113717	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	439459	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	233314	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	456854	20.00	ng	0.00
76) Chrysene-d12	14.04	240	352066	20.00	ng	0.00
87) Perylene-d12	15.54	264	345746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	903404	135.61	ng	0.01
7) Phenol-d6	6.49	99	1142127	138.20	ng	0.00
23) Nitrobenzene-d5	7.42	82	679937	88.49	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	402619	139.74	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1371418	89.73	ng	0.00
79) Terphenyl-d14	12.99	244	1777462	83.76	ng	0.00
Target Compounds						
10) Phenol	6.50	94	33143	3.568	ng	80
50) Dimethylphthalate	9.62	163	56570	3.230	ng	99

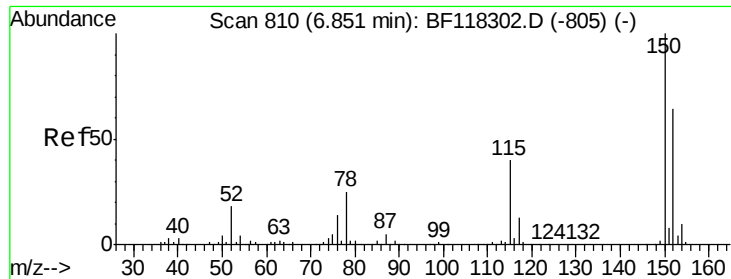
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118371.D
Acq On : 28 Dec 2019 18:01
Operator : JU
Sample : K6438-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Quant Time: Dec 29 07:41:58 2019
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



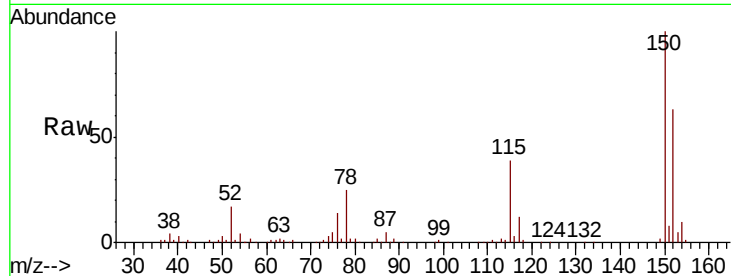


#1

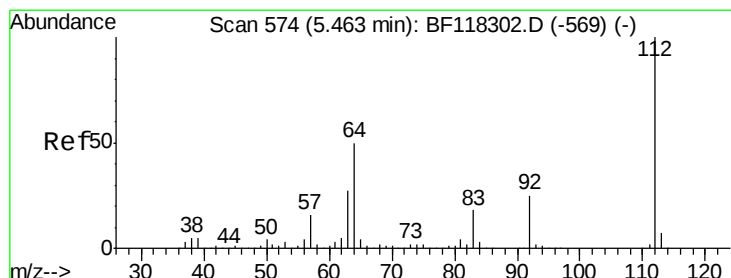
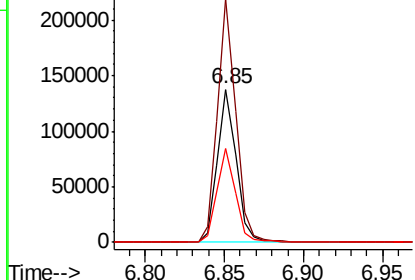
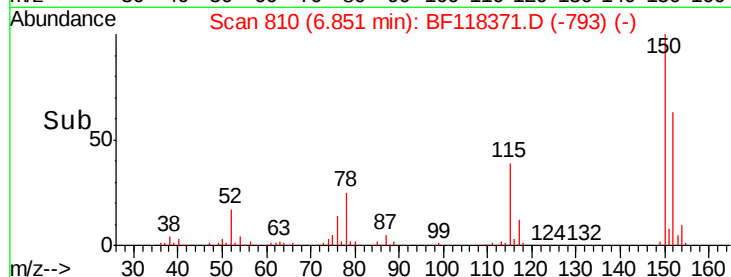
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tot Ion:152 Resp: 113717
Ion Ratio Lower Upper
152 100
150 158.7 125.4 188.2
115 61.6 50.2 75.4



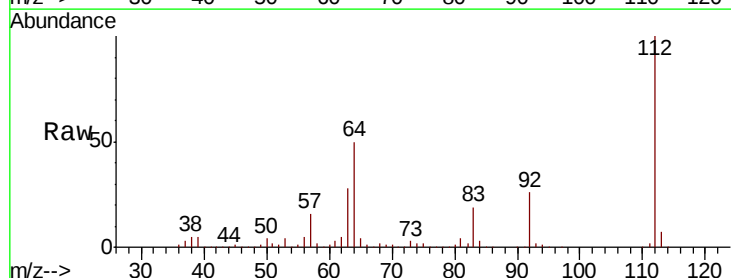
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



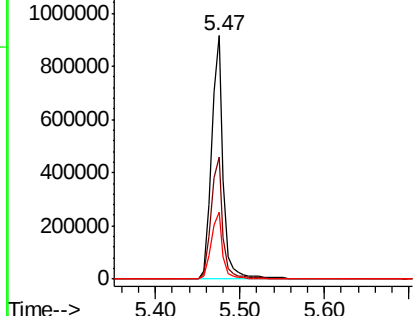
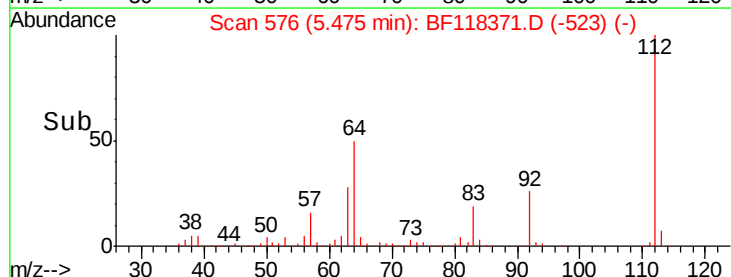
#5

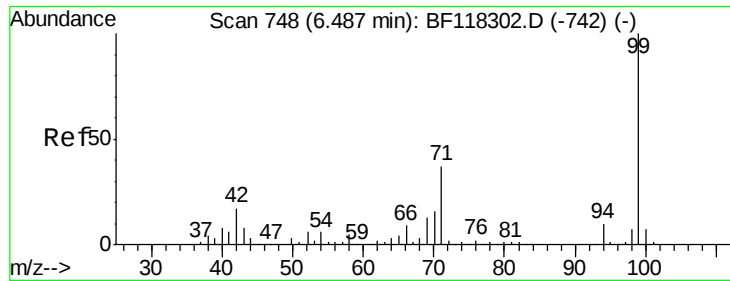
2-Fluorophenol
Concen: 135.609 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:112 Resp: 903404
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 27.5 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: 138.202 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118371.D

Acq: 28 Dec 2019 18:01

Instrument :

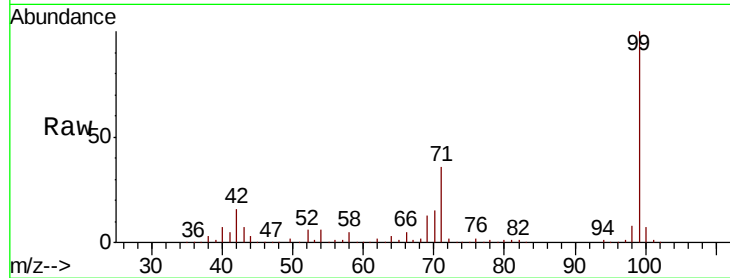
BNA_F

ClientSampleId :

DUNR-BF001-01

Tot Ion: 99 Resp: 1142127

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	36.0	29.4	44.2

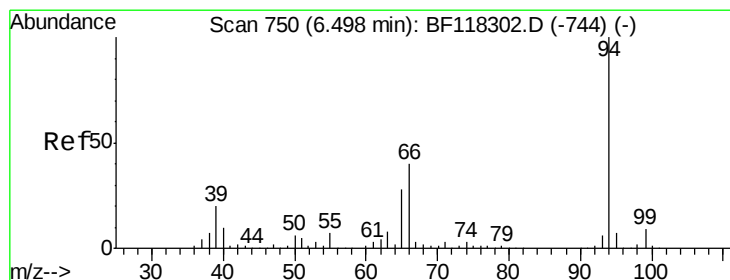
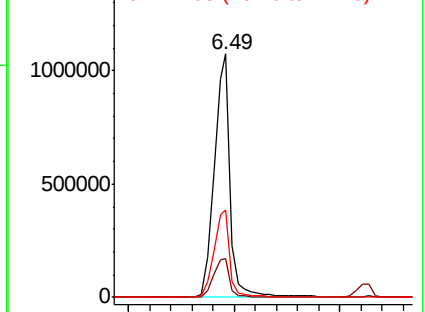
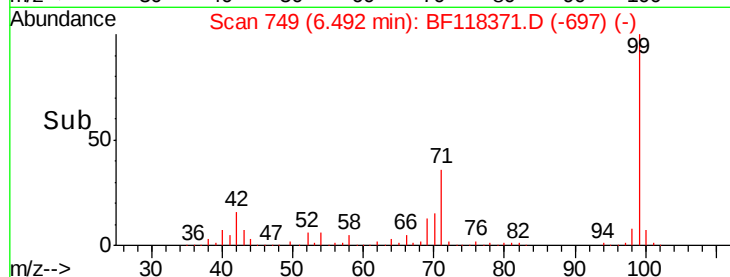


Abundance

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



#10

Phenol

Concen: 3.568 ng

RT: 6.50 min Scan# 750

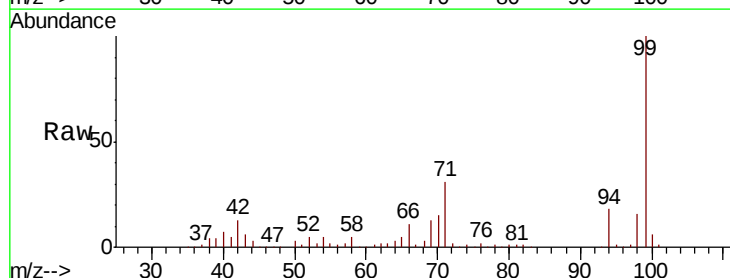
Delta R.T. -0.00 min

Lab File: BF118371.D

Acq: 28 Dec 2019 18:01

Tgt Ion: 94 Resp: 33143

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.8	47.8
66	59.5	20.4	60.4

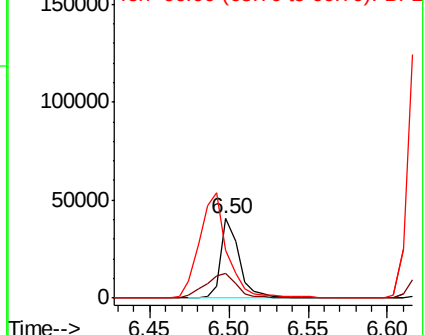
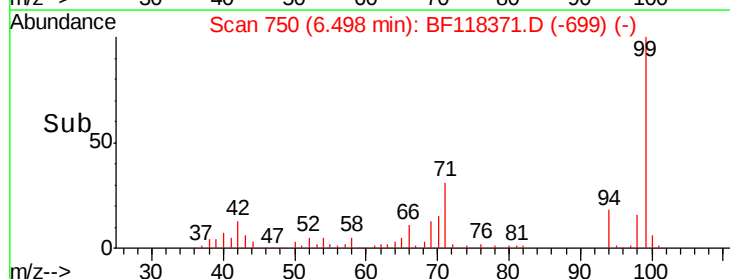


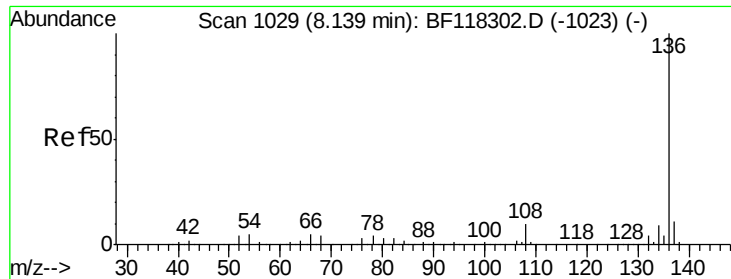
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

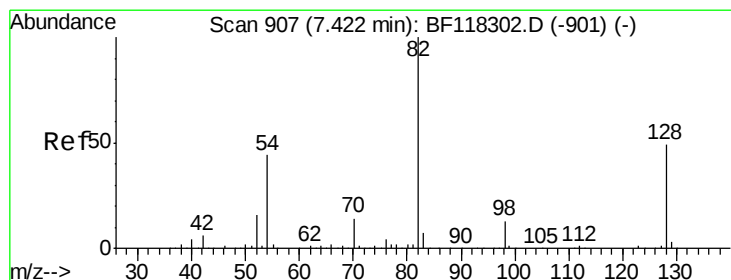
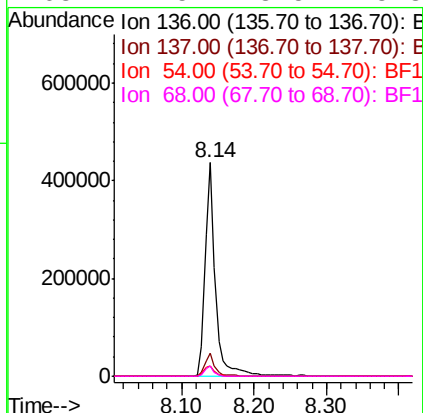
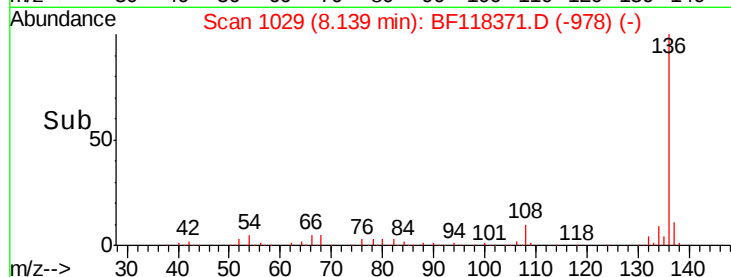
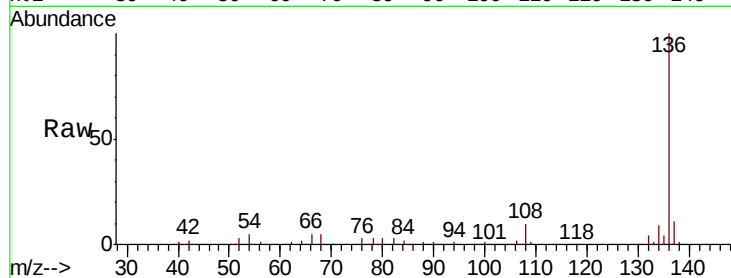




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

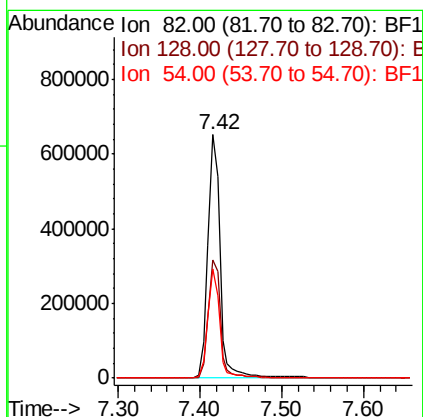
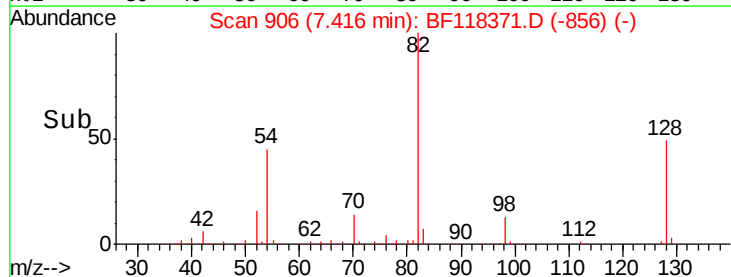
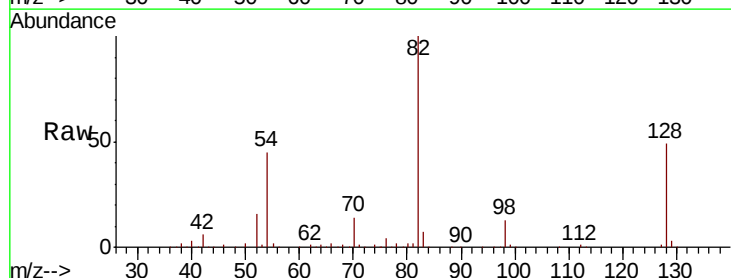
Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

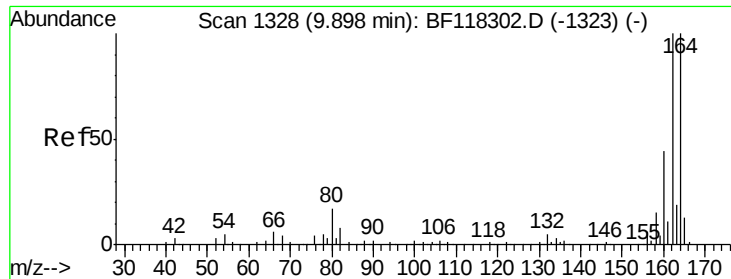
Tot Ion:136	Resp:	439459	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.9	13.3	
54 5.0	4.2	6.4	
68 4.5	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 88.493 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion: 82	Resp: 679937
Ion Ratio	Lower Upper
82 100	
128 48.6	39.6 59.4
54 45.0	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: BF118371.D

Acq: 28 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

DUNR-BF001-01

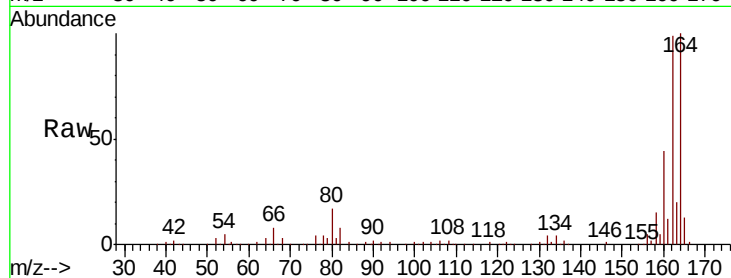
Tot Ion:164 Resp: 233314

Ion Ratio Lower Upper

164 100

162 99.5 80.0 120.0

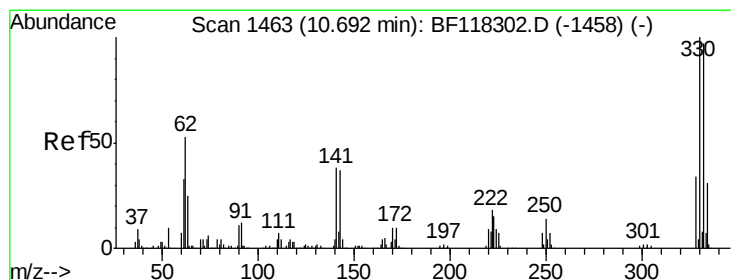
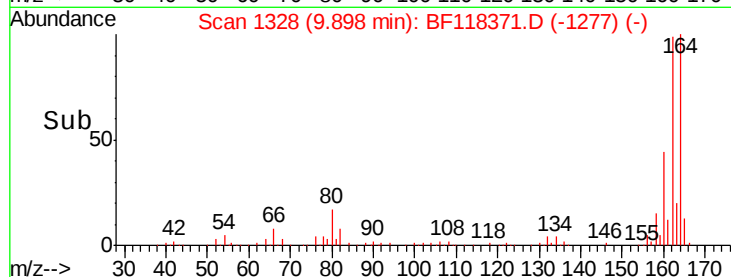
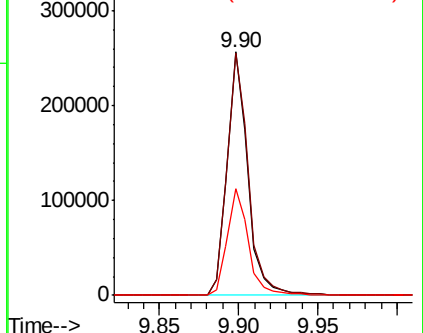
160 44.0 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 139.737 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118371.D

Acq: 28 Dec 2019 18:01

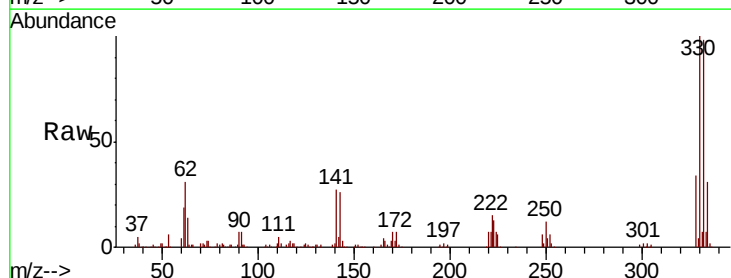
Tgt Ion:330 Resp: 402619

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

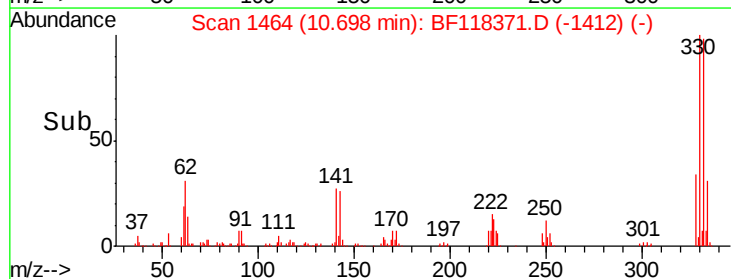
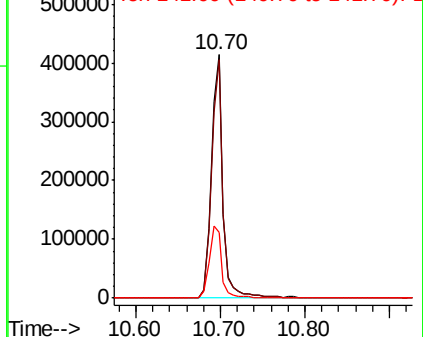
141 32.1 26.0 39.0

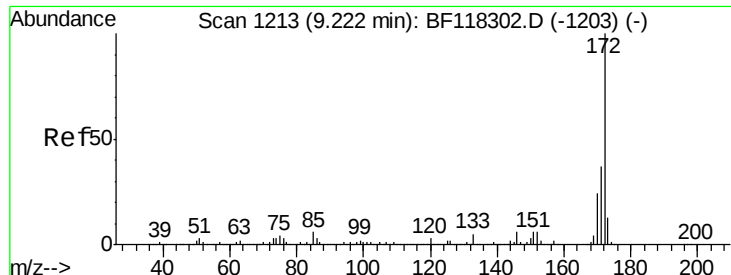


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

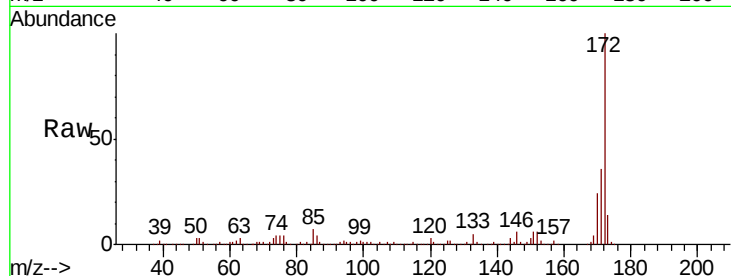




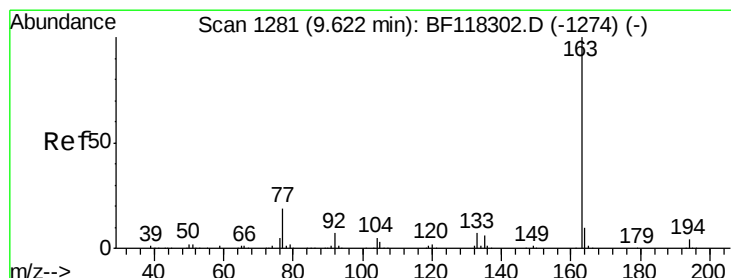
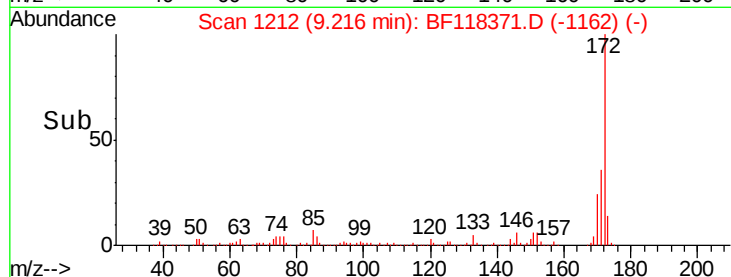
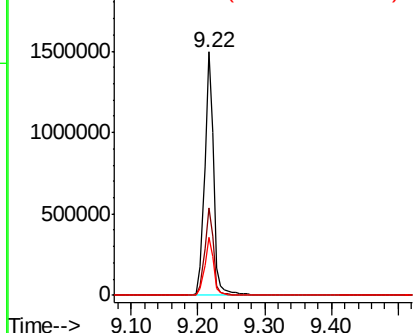
#45
2-Fluorobiphenyl
Concen: 89.726 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

Tot Ion:172 Resp: 1371418
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.2 28.8

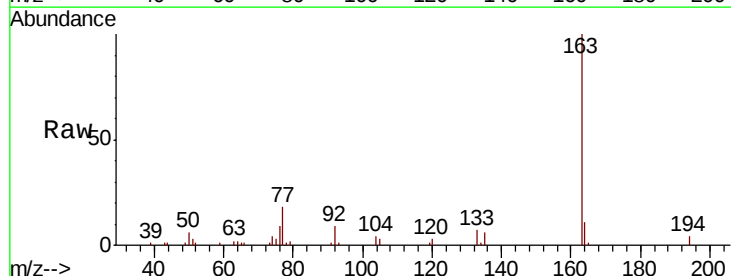


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

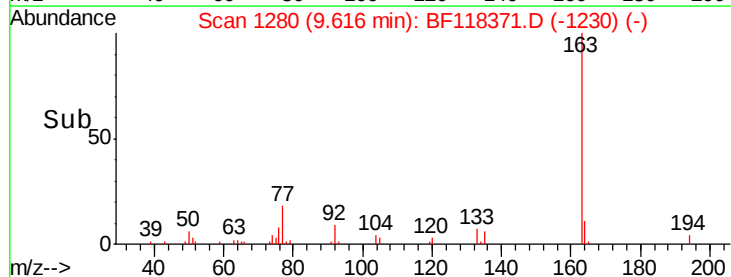
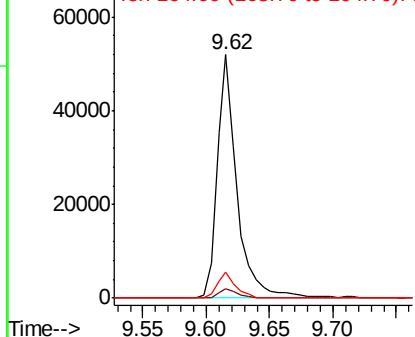


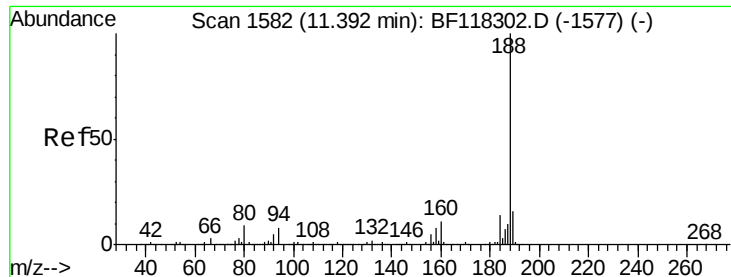
#50
Dimethylphthalate
Concen: 3.230 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:163 Resp: 56570
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 7.9 11.9



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

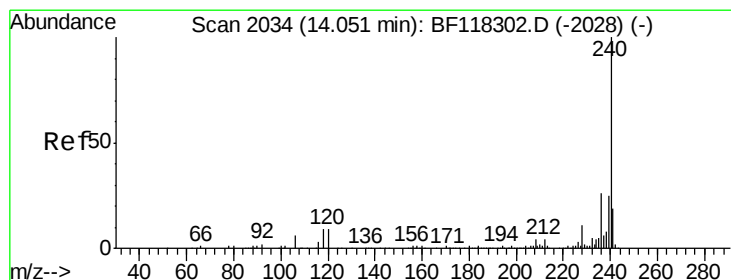
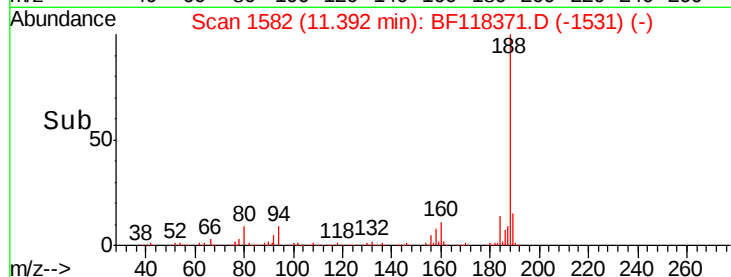
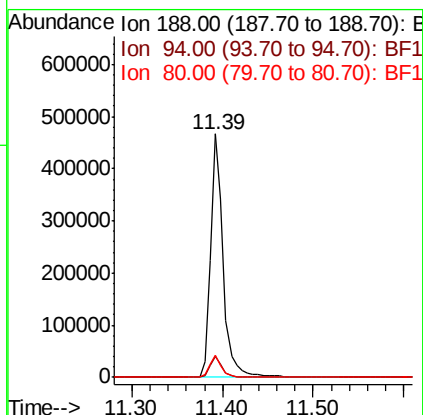
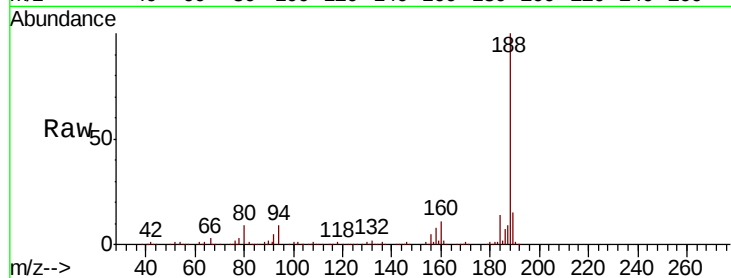




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

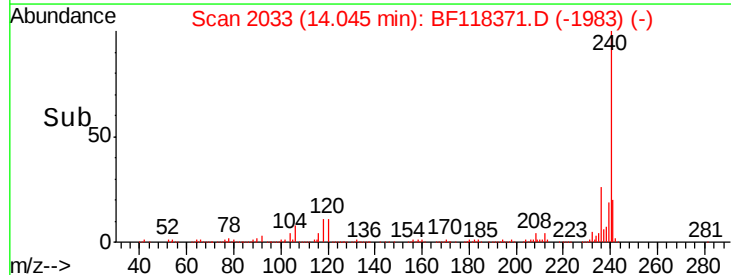
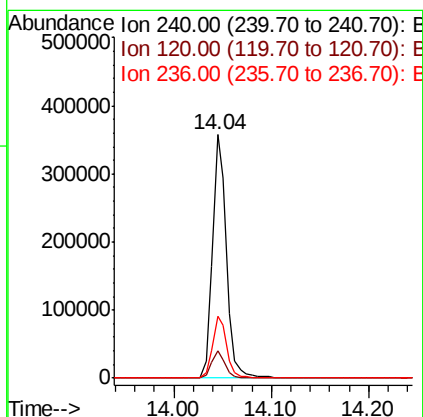
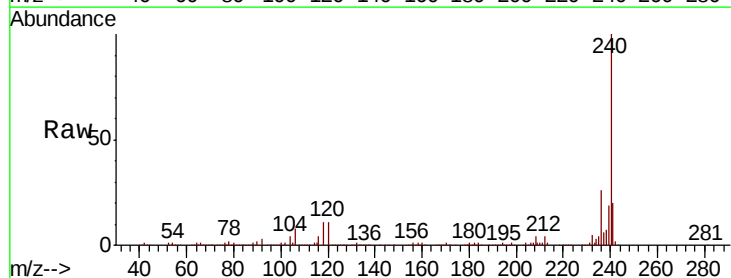
Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01

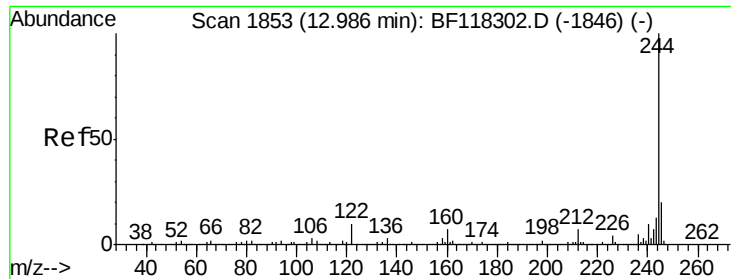
Tot Ion:188 Resp: 456854
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118371.D
Acq: 28 Dec 2019 18:01

Tgt Ion:240 Resp: 352066
Ion Ratio Lower Upper
240 100
120 11.1 7.1 10.7#
236 25.5 21.0 31.6





#79

Terphenyl-d14

Concen: 83.759 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118371.D

Acq: 28 Dec 2019 18:01

Instrument :

BNA_F

ClientSampleId :

DUNR-BF001-01

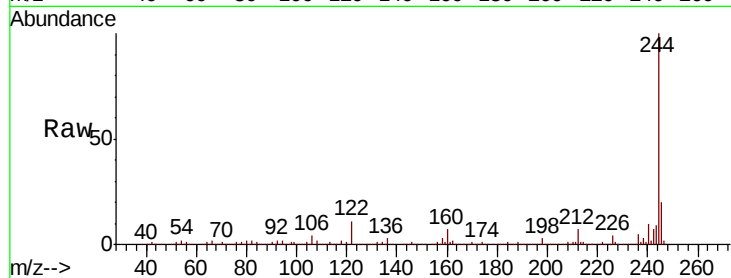
Tot Ion:244 Resp: 1777462

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

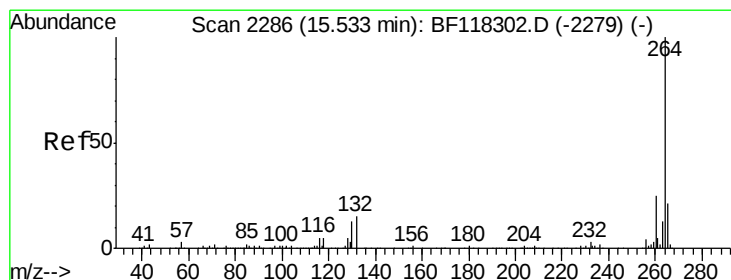
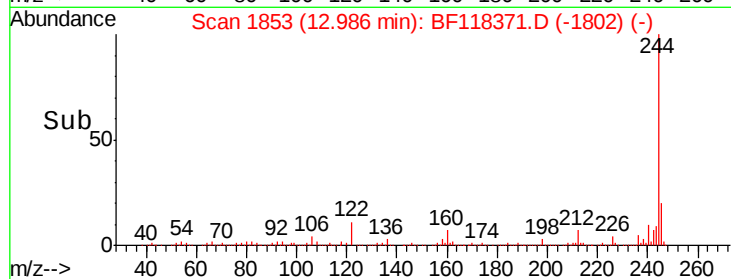
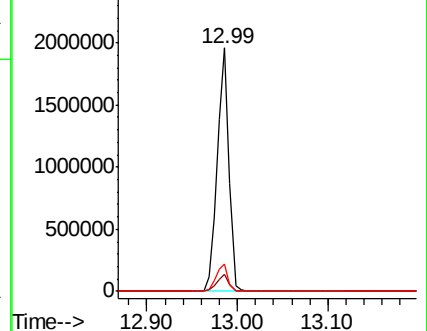
122 11.4 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118371.D

Acq: 28 Dec 2019 18:01

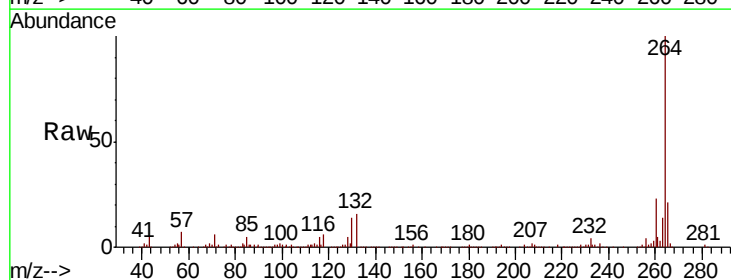
Tgt Ion:264 Resp: 345746

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.5 17.0 25.4



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

