

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002548.D
 Acq On : 26 Jun 2020 11:51
 Operator : CG/JU
 Sample : PB129787TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129787BS

Quant Time: Jun 26 12:56:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

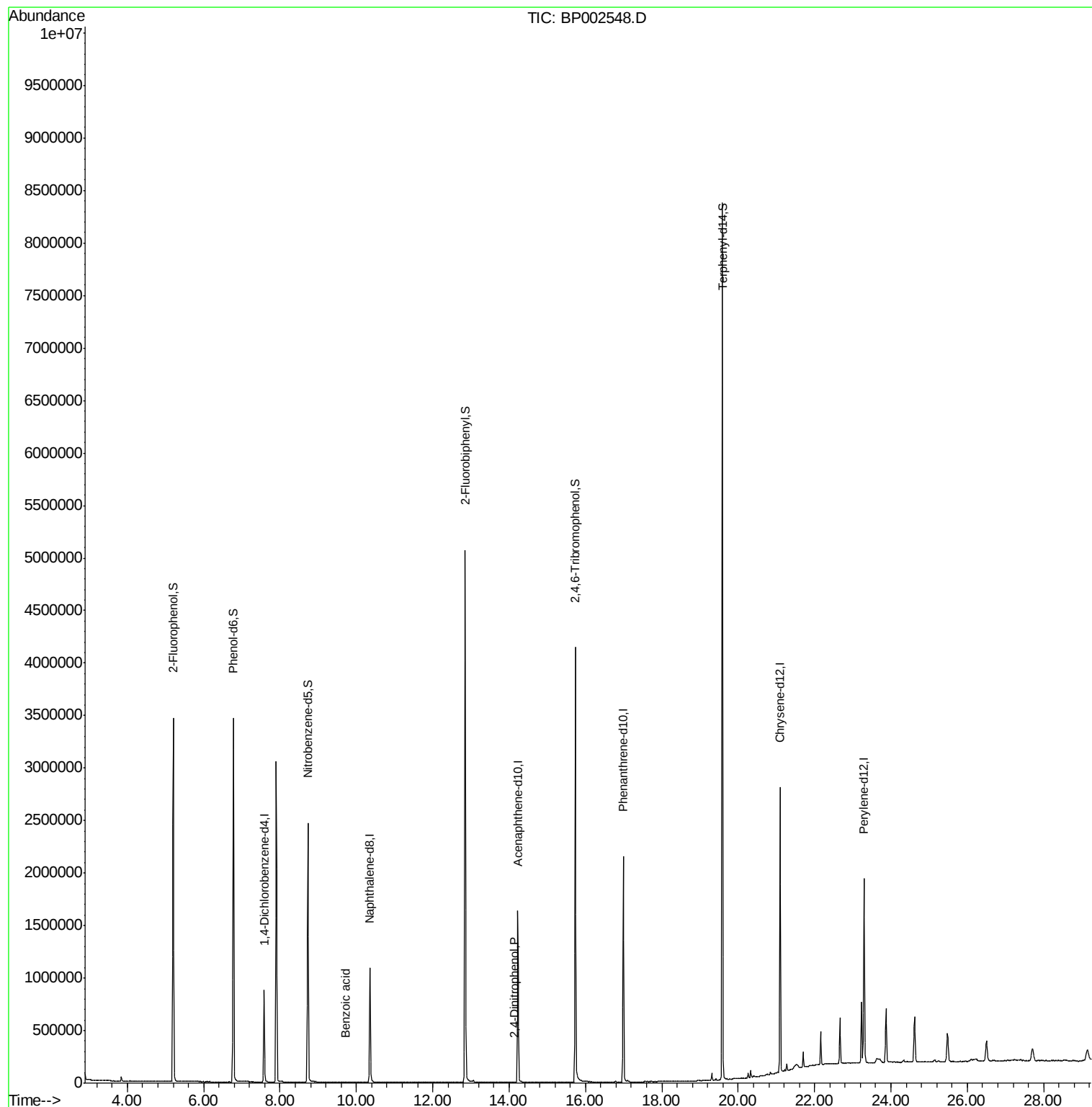
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	227969	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	910198	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	574716	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1322608	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1293499	20.00	ng	0.00
86) Perylene-d12	23.29	264	1281697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1556034	126.30	ng	0.00
7) Phenol-d6	6.78	99	2000933	121.99	ng	0.00
23) Nitrobenzene-d5	8.73	82	1427862	93.68	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	789151	143.42	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2912248	85.20	ng	0.00
79) Terphenyl-d14	19.58	244	4395705	88.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	106	Below Cal	#	21
32) Benzoic acid	9.72	122	17	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.14	184	11	2.788 ng		98
61) 4-Chlorophenyl-phenylether	15.27	204	29	Below Cal	#	40

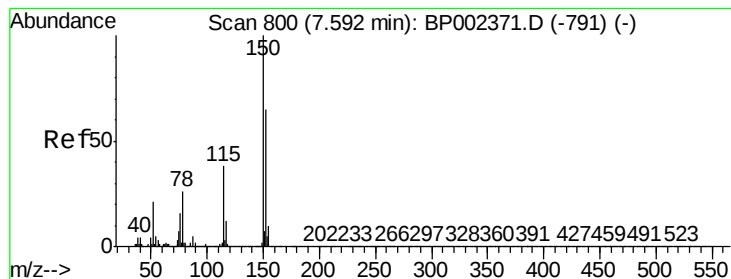
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002548.D
Acq On : 26 Jun 2020 11:51
Operator : CG/JU
Sample : PB129787TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129787BS

Quant Time: Jun 26 12:56:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration



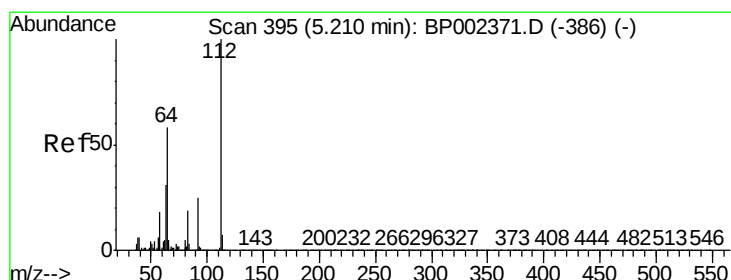
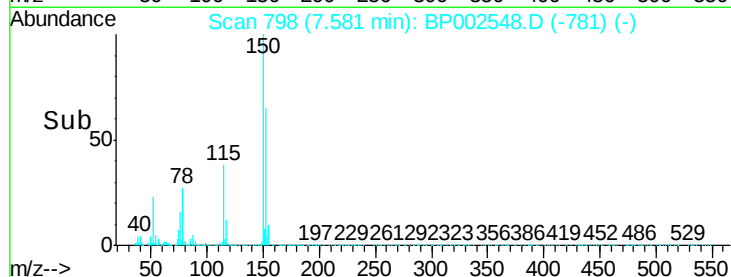
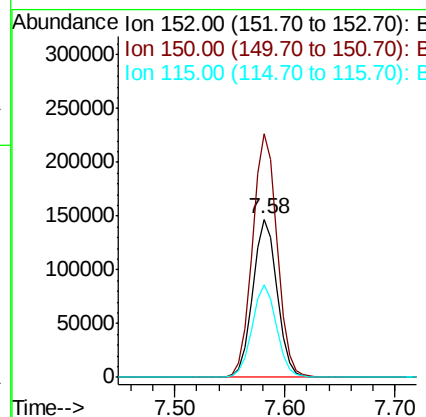
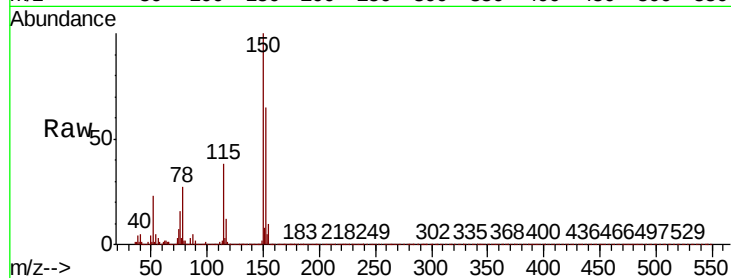


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

Instrument :
BNA_P
ClientSampleId :
PB129787BS

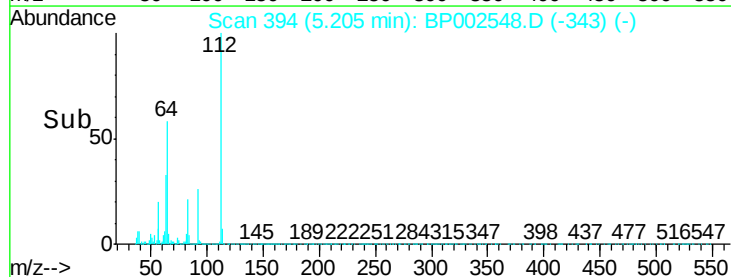
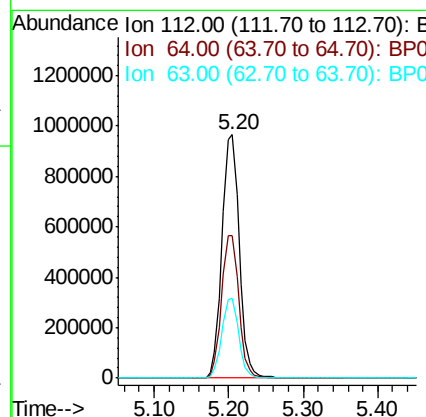
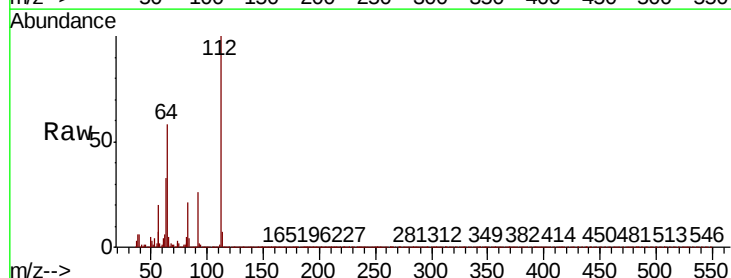
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.4	186.6
115	58.4	47.8	71.6

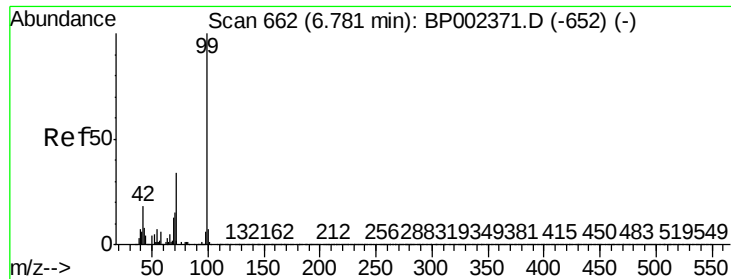


#5

2-Fluorophenol
Concen: 126.303 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.4	69.6
63	32.6	25.0	37.6





#7

Phenol-d6

Concen: 121.989 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

Instrument :

BNA_P

ClientSampleId :

PB129787BS

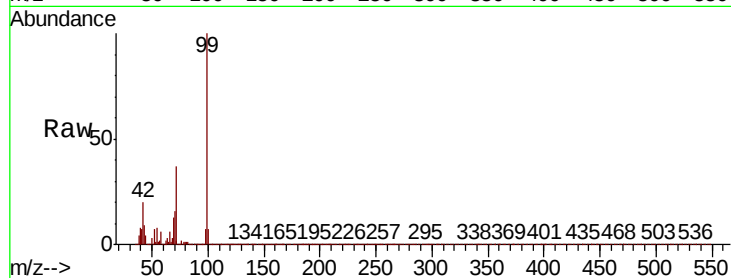
Tot Ion: 99 Resp: 2000933

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.3	22.9
71	36.7	28.2	42.2

99 100

42 19.6 15.3 22.9

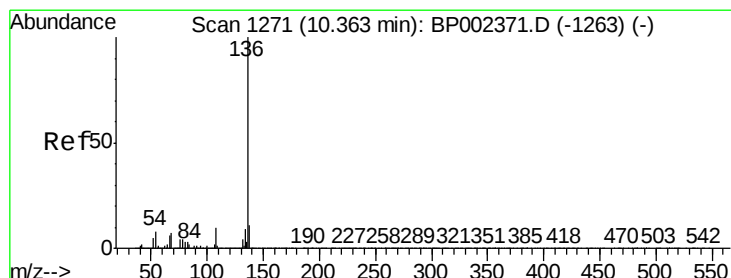
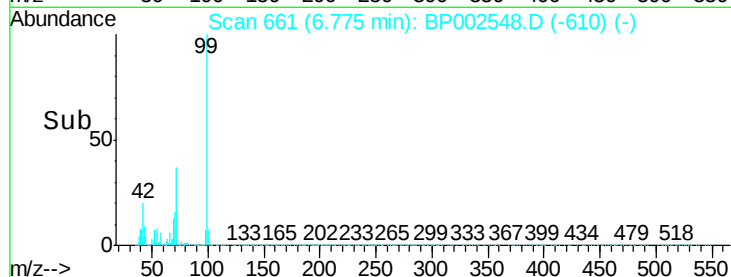
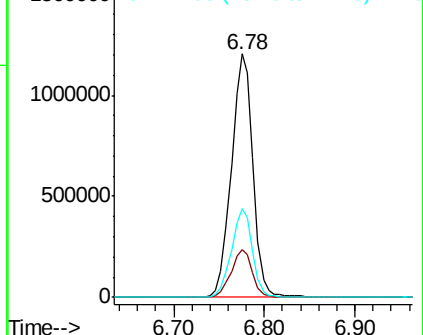
71 36.7 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

Tgt Ion: 136 Resp: 910198

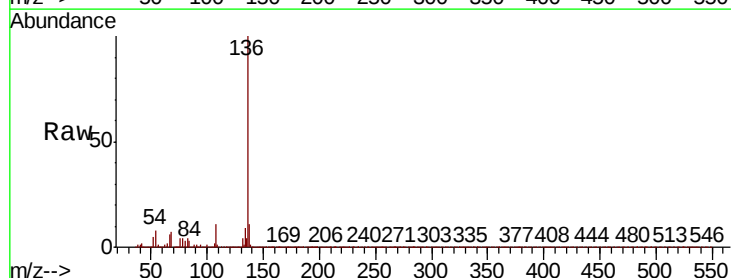
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.1	6.6	10.0
68	6.6	5.4	8.0

136 100

137 11.5 8.9 13.3

54 8.1 6.6 10.0

68 6.6 5.4 8.0

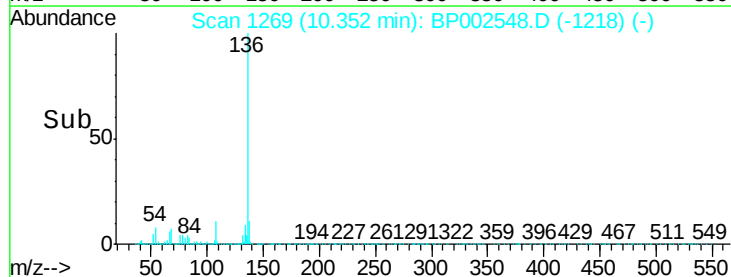
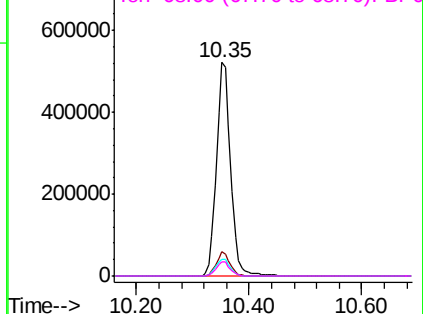


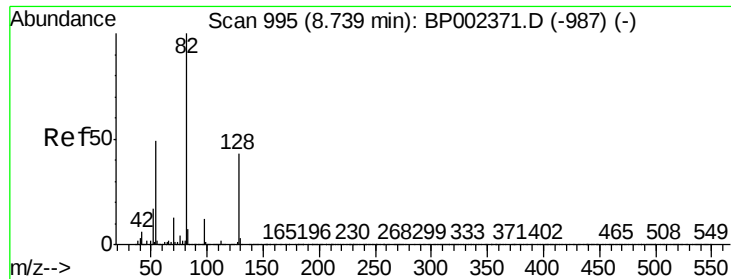
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

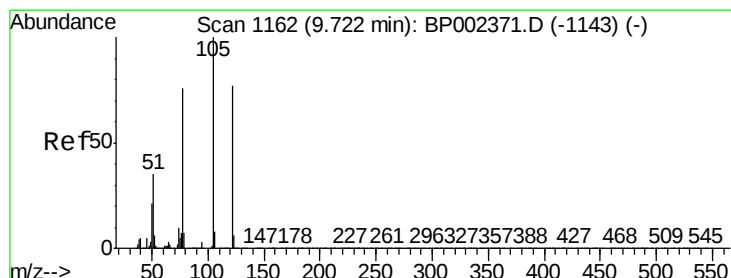
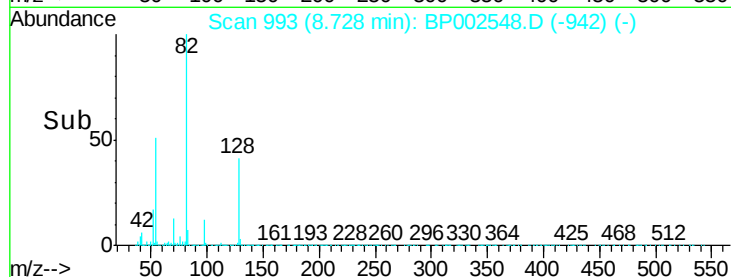
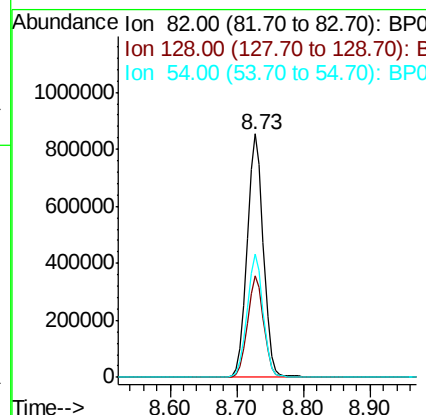
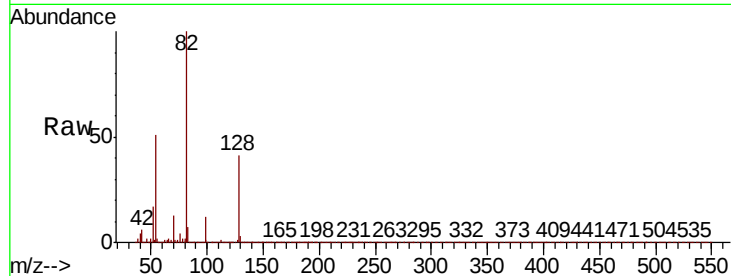




#23
Nitrobenzene-d5
Concen: 93.683 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

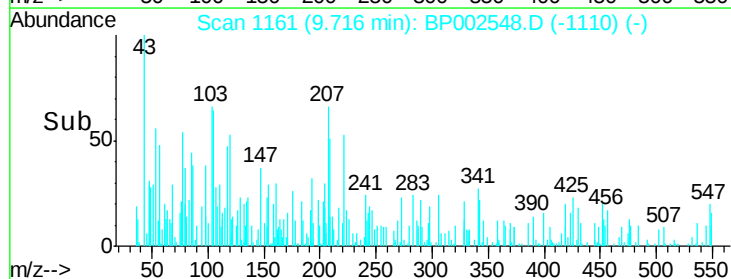
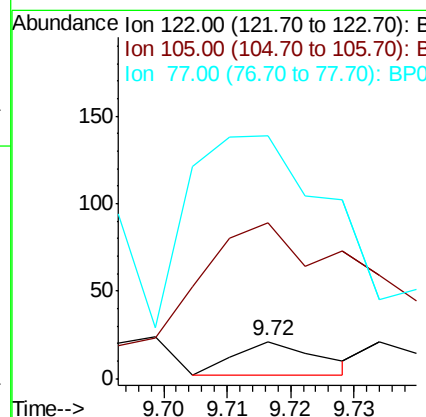
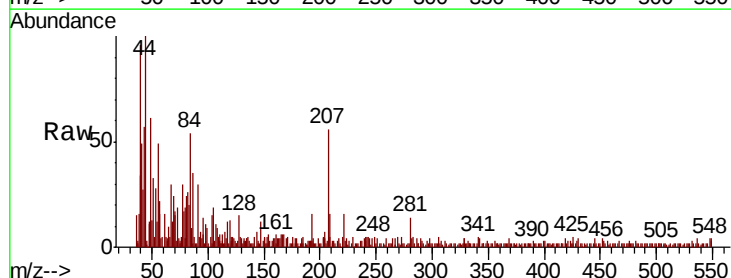
Instrument :
BNA_P
ClientSampled :
PB129787BS

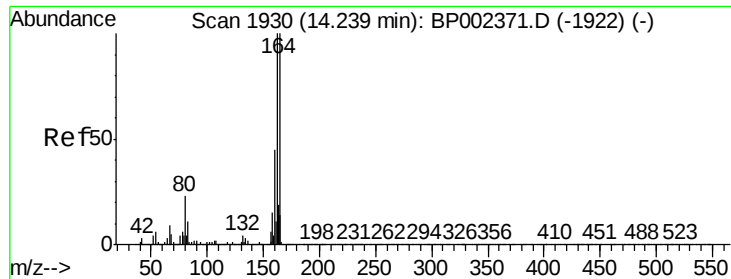
Tot Ion: 82 Resp: 1427862
Ion Ratio Lower Upper
82 100
128 41.5 32.8 49.2
54 50.5 39.9 59.9



#32
Benzoic acid
Concen: 4.601 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

Tgt Ion:122 Resp: 17
Ion Ratio Lower Upper
122 100
105 423.8 105.0 145.0#
77 661.9 76.9 116.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

Instrument :

BNA_P

ClientSampleId :

PB129787BS

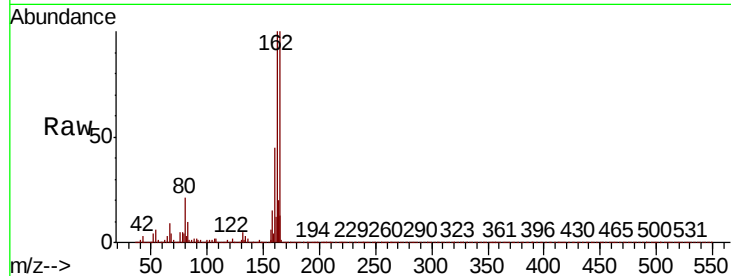
Tot Ion:164 Resp: 574716

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

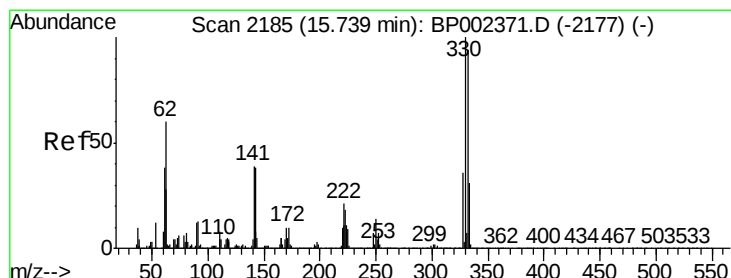
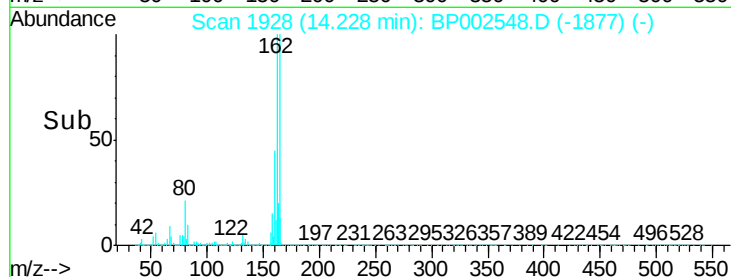
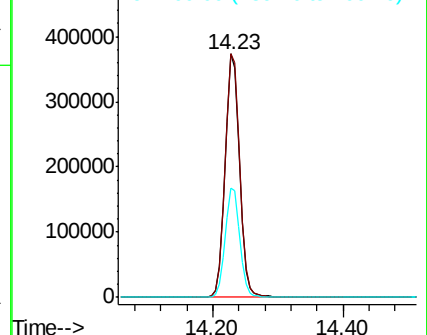
160 45.1 35.4 53.2



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: 143.417 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

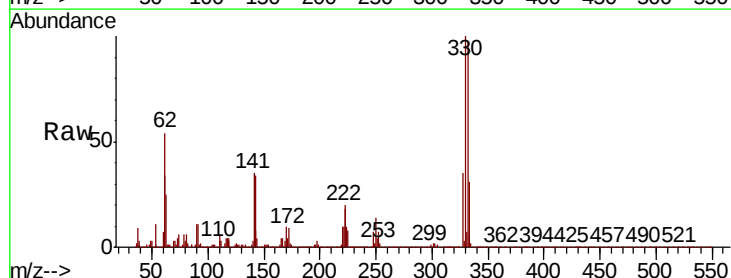
Tgt Ion:330 Resp: 789151

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

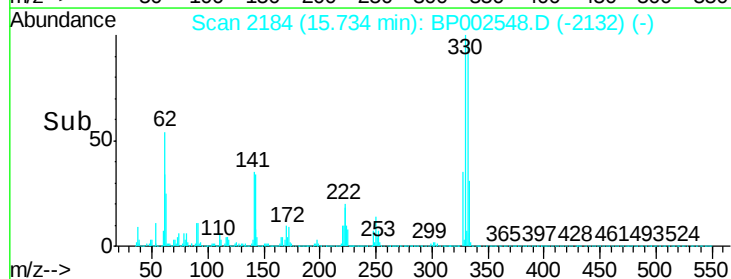
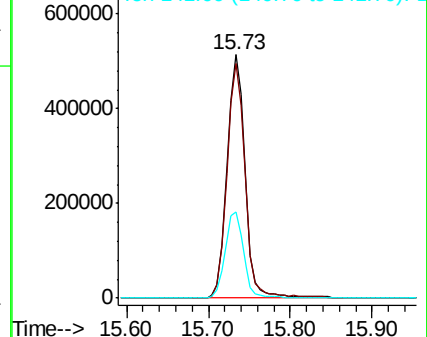
141 36.8 30.4 45.6

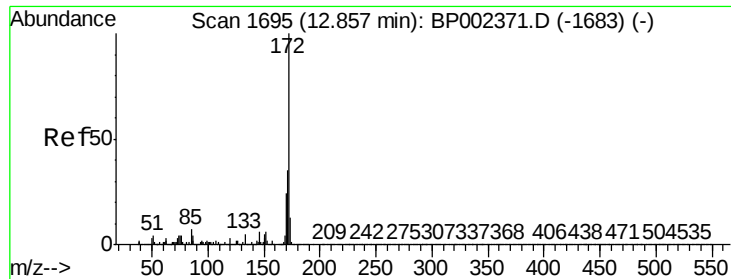


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

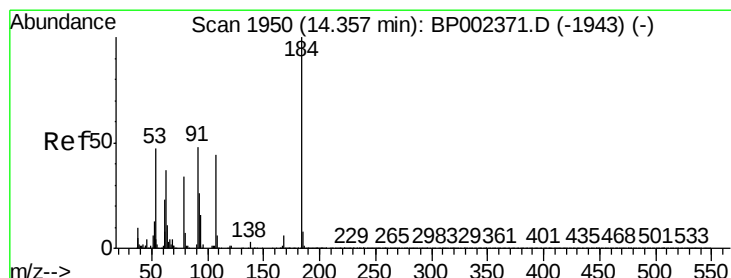
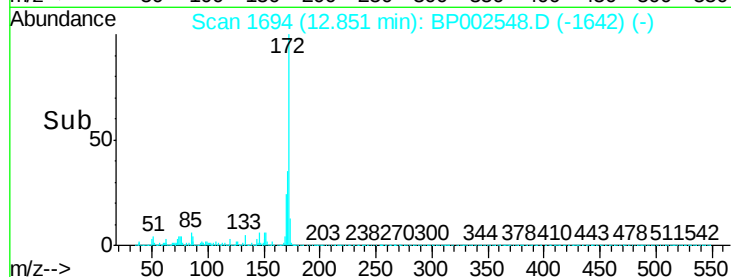
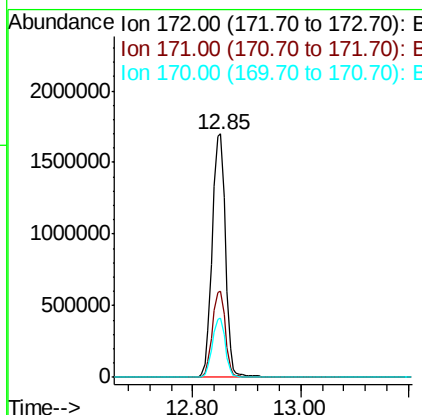
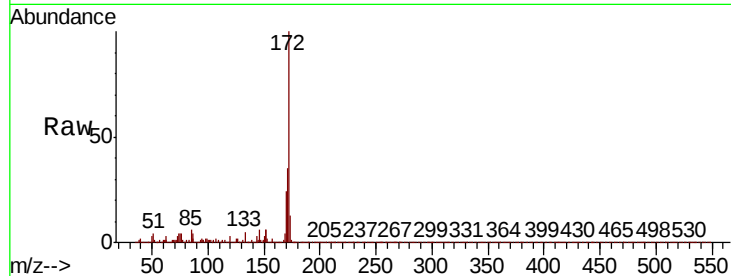




#45
2-Fluorobiphenyl
Concen: 85.202 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

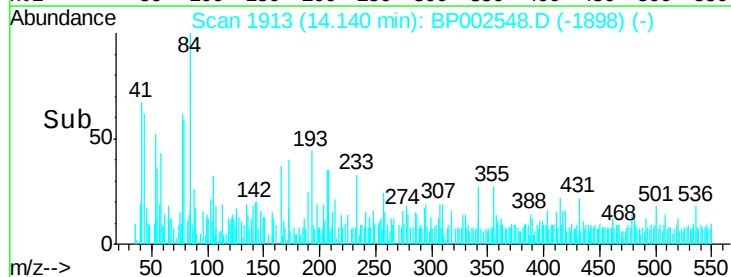
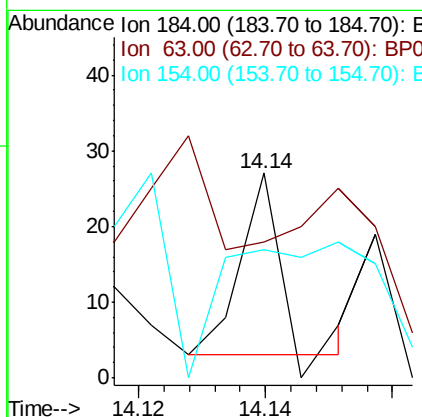
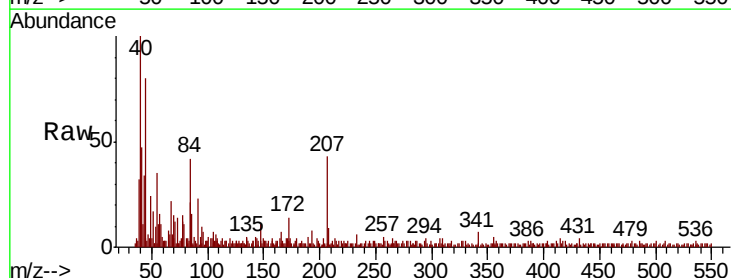
Instrument :
BNA_P
ClientSampleId :
PB129787BS

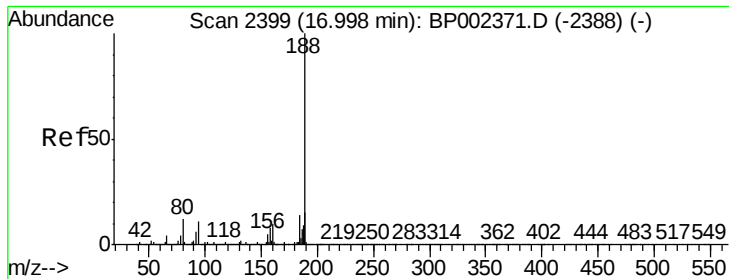
Tot Ion:172 Resp: 2912248
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 24.4 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.788 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.21 min
Lab File: BP002548.D
Acq: 26 Jun 2020 11:51

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 66.7 51.3 76.9
154 63.0 50.2 75.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

Instrument :

BNA_P

ClientSampleId :

PB129787BS

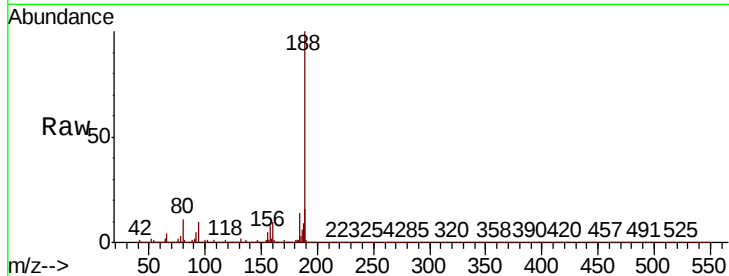
Tot Ion:188 Resp: 1322608

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

1200000

1000000

800000

600000

400000

200000

0

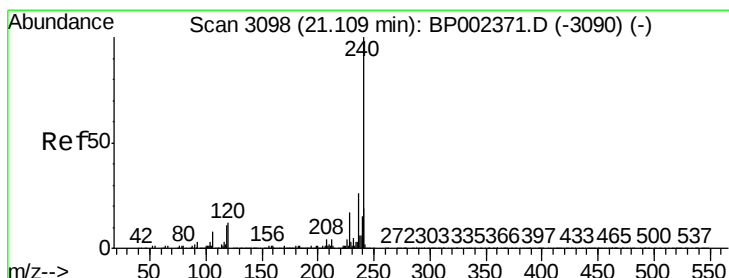
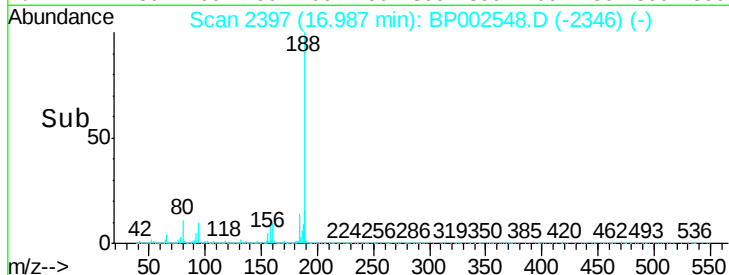
16.99

16.90

17.00

17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

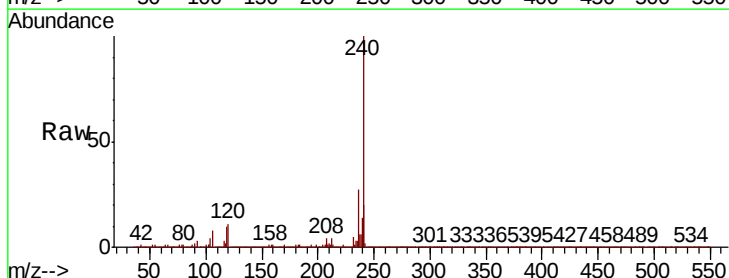
Tgt Ion:240 Resp: 1293499

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 27.0 21.7 32.5



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

1000000

500000

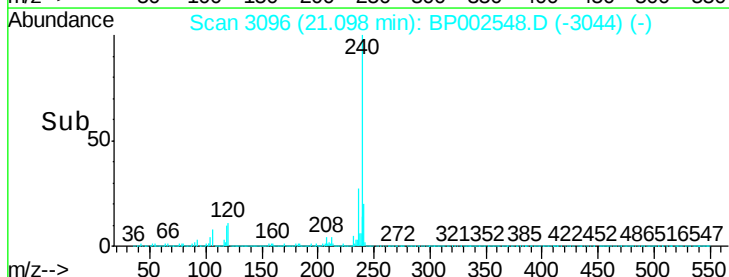
0

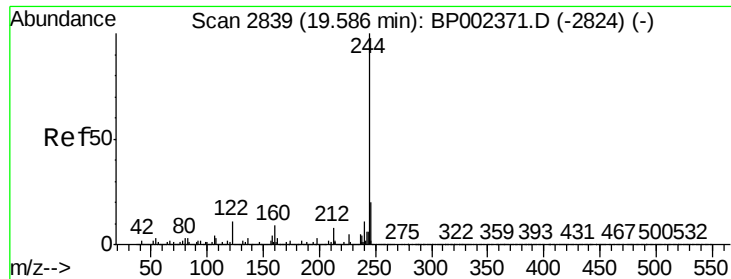
21.10

21.00

21.20

Time-->





#79

Terphenyl-d14

Concen: 88.488 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

Instrument :

BNA_P

ClientSampleId :

PB129787BS

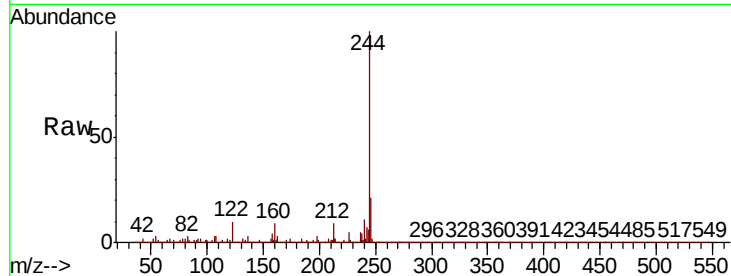
Tot Ion:244 Resp: 4395705

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

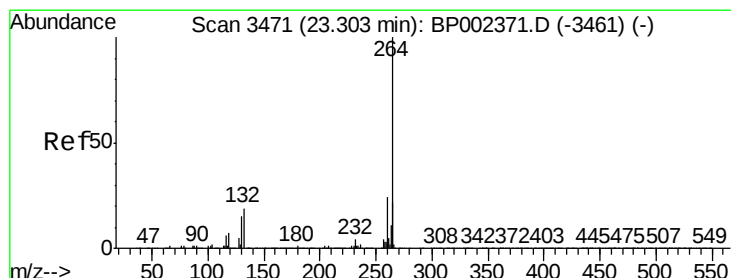
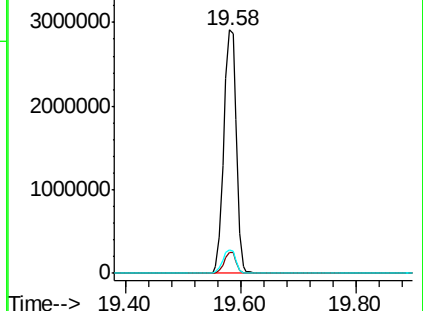
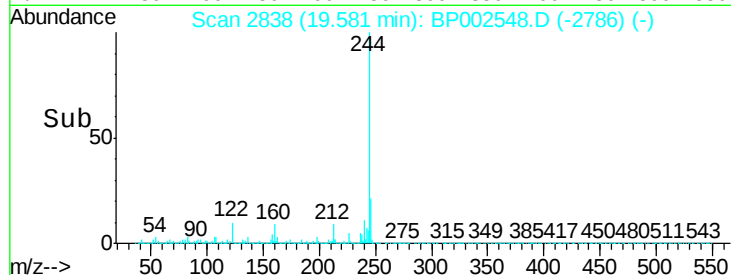
122 9.8 8.0 12.0



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

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BP002548.D

Acq: 26 Jun 2020 11:51

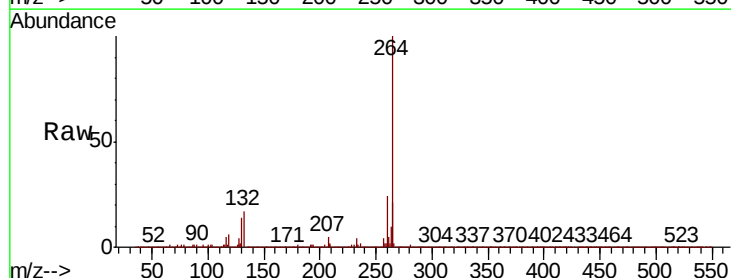
Tgt Ion:264 Resp: 1281697

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 20.5 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

