

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002547.D
 Acq On : 26 Jun 2020 11:17
 Operator : CG/JU
 Sample : PB129787BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129787BL

Quant Time: Jun 26 12:56:39 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

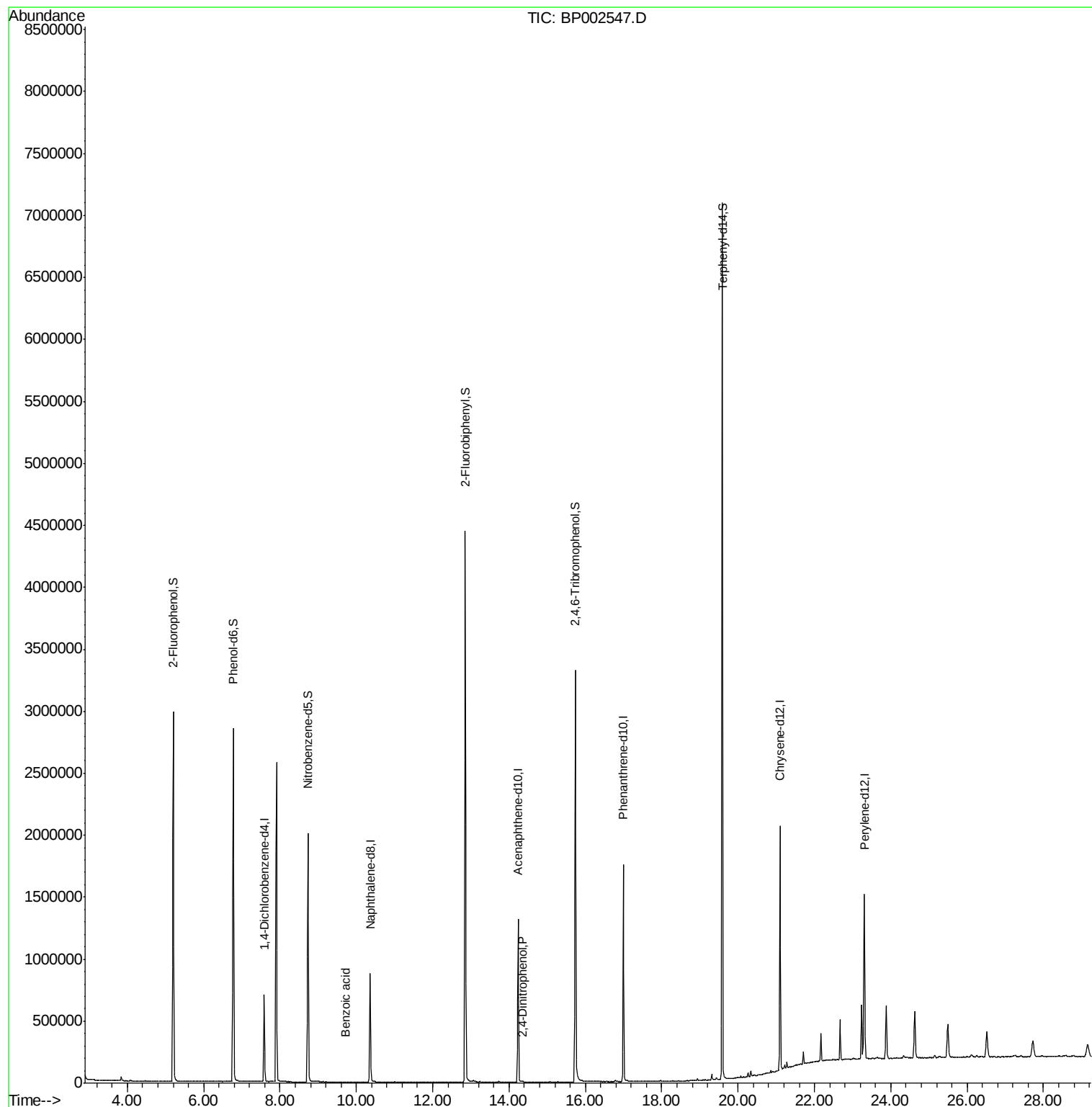
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	187272	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	741778	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	464845	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1050089	20.00	ng	0.00
76) Chrysene-d12	21.10	240	946154	20.00	ng	0.00
86) Perylene-d12	23.30	264	968260	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1313456	129.78	ng	0.00
7) Phenol-d6	6.78	99	1688245	125.29	ng	0.00
23) Nitrobenzene-d5	8.73	82	1170830	94.26	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	658732	148.01	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2381761	86.15	ng	0.00
79) Terphenyl-d14	19.59	244	3563549	102.54	ng	0.01
Target Compounds						
9) Benzaldehyde	6.72	77	97	Below Cal	#	55
32) Benzoic acid	9.72	122	14	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.36	184	18	2.790 ng	#	33
61) 4-Chlorophenyl-phenylether	15.29	204	18	Below Cal	#	41

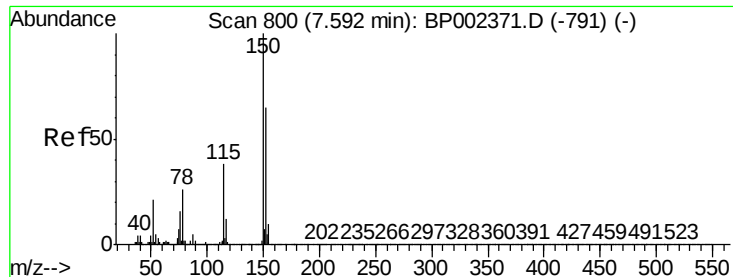
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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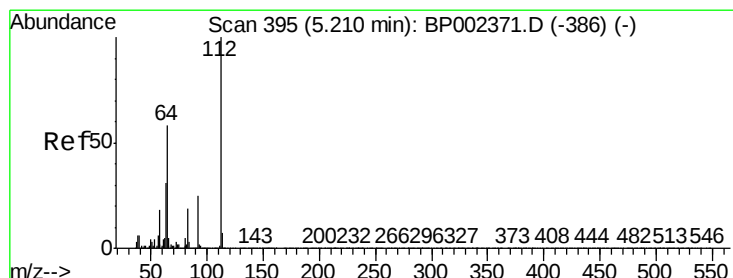
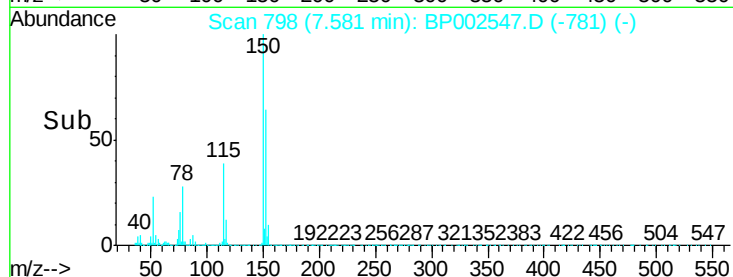
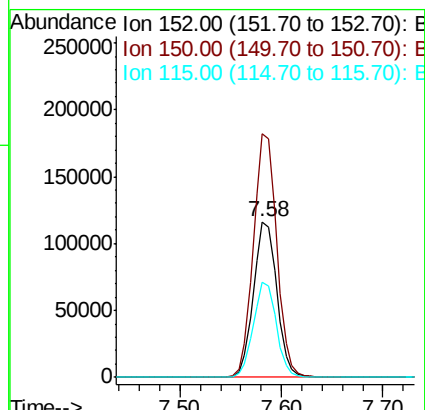
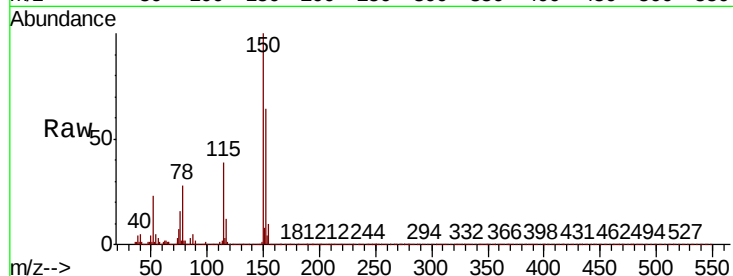


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

Instrument :
BNA_P
ClientSampleId :
PB129787BL

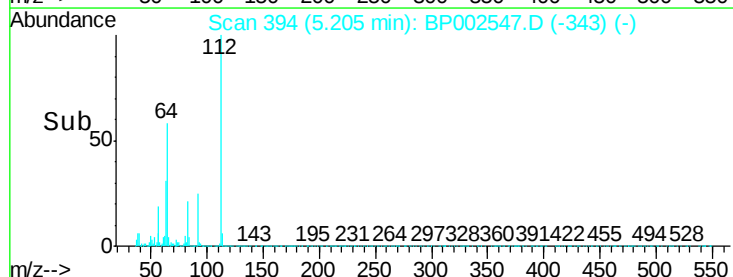
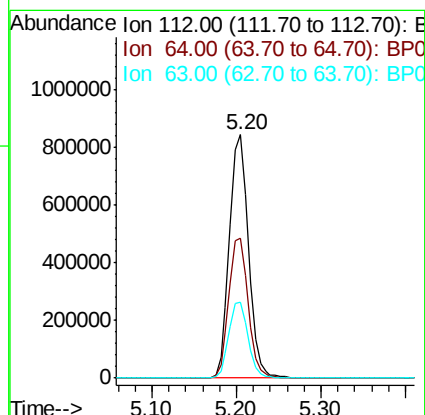
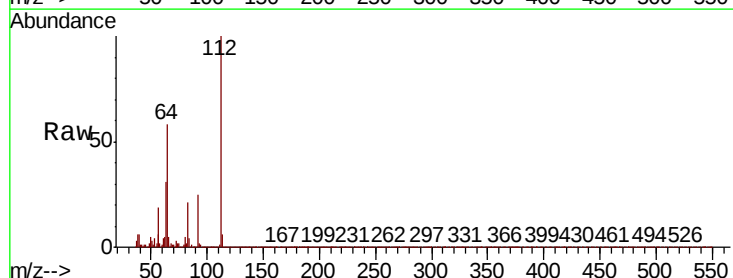
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.4	186.6
115	61.4	47.8	71.6

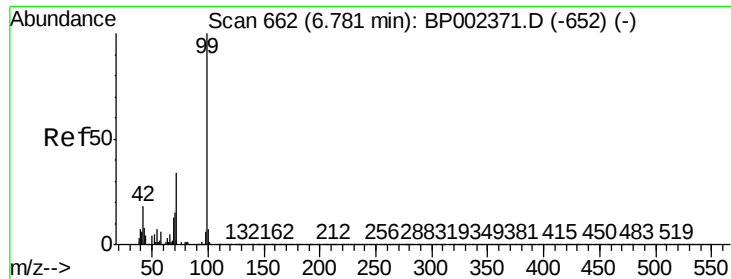


#5

2-Fluorophenol
Concen: 129.781 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.4	69.6
63	31.4	25.0	37.6





#7

Phenol-d6

Concen: 125.293 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

Instrument :

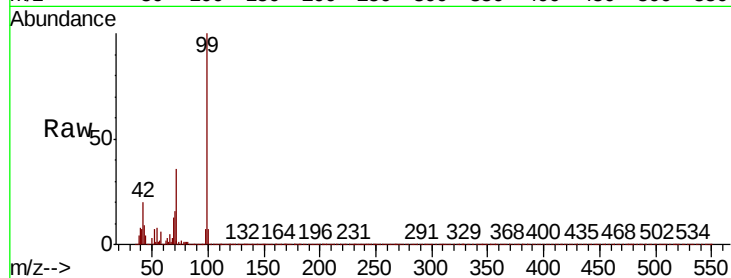
BNA_P

ClientSampleId :

PB129787BL

Tot Ion: 99 Resp: 1688245

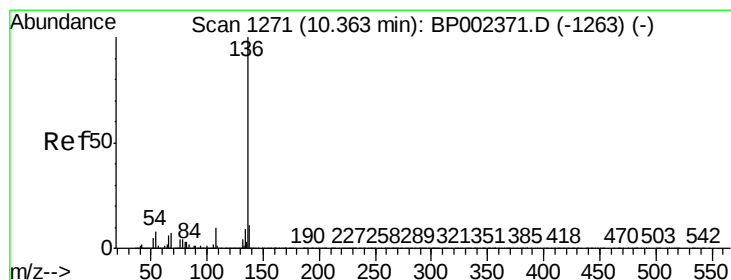
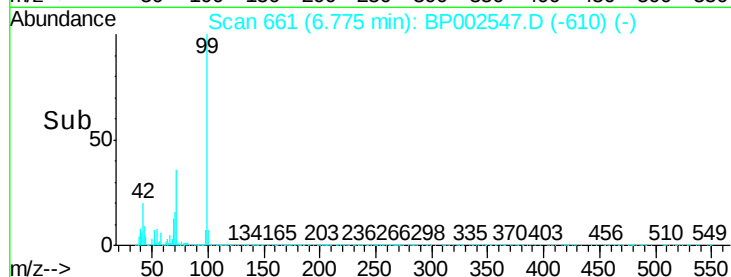
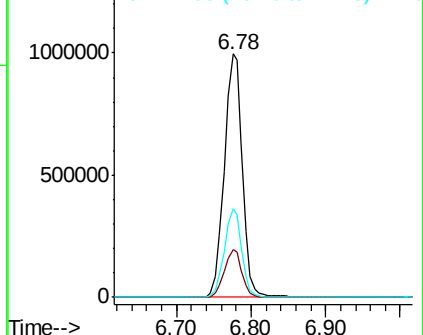
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.3	22.9
71	36.2	28.2	42.2



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: 10.36 min Scan# 1270

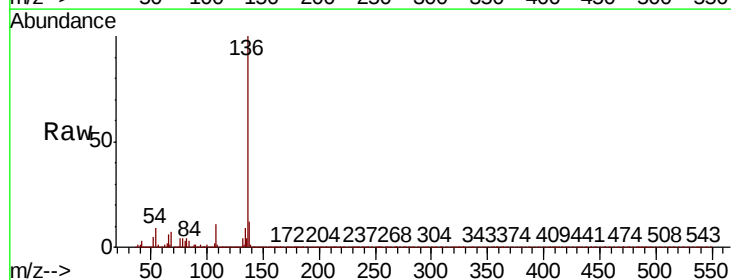
Delta R.T. 0.01 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

Tgt Ion: 136 Resp: 741778

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.6	6.6	10.0
68	6.6	5.4	8.0

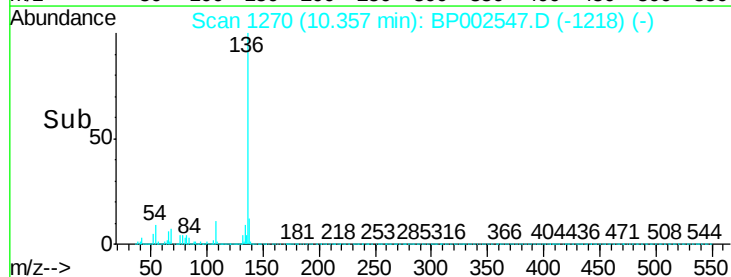
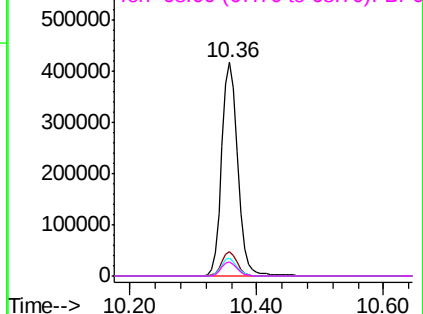


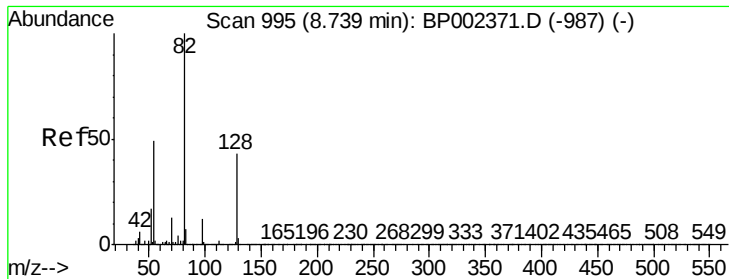
Abundance Ion 136.00 (135.70 to 136.70): E

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

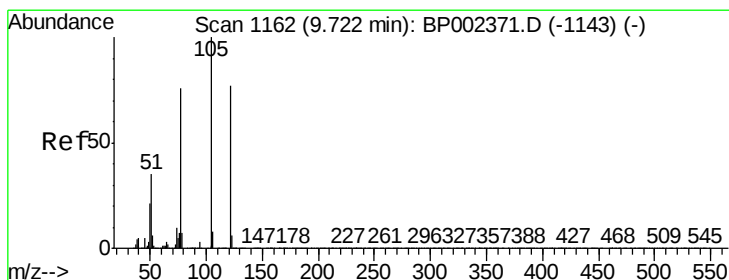
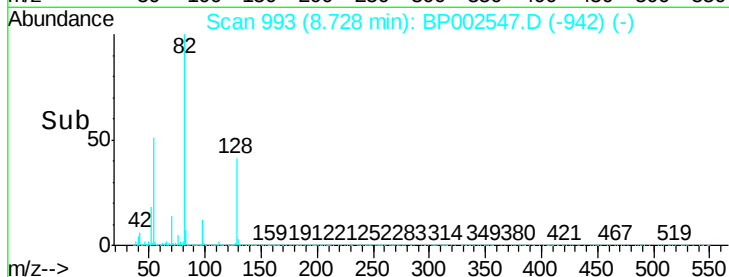
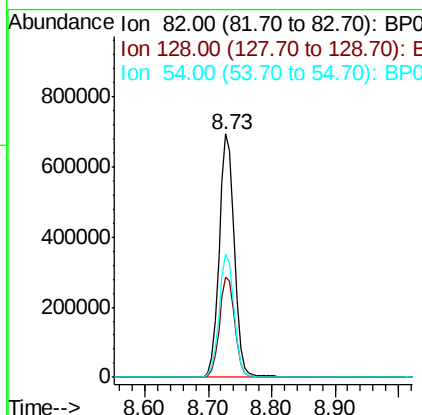
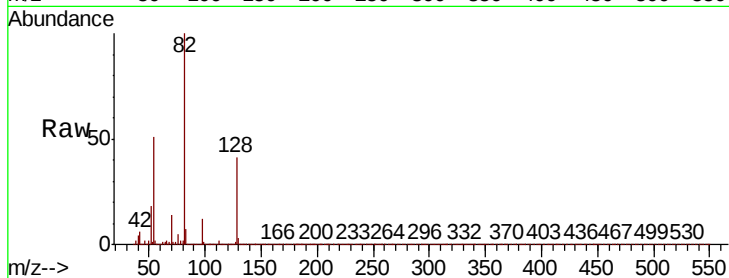




#23
 Nitrobenzene-d5
 Concen: 94.261 ng
 RT: 8.73 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BP002547.D
 Acq: 26 Jun 2020 11:17

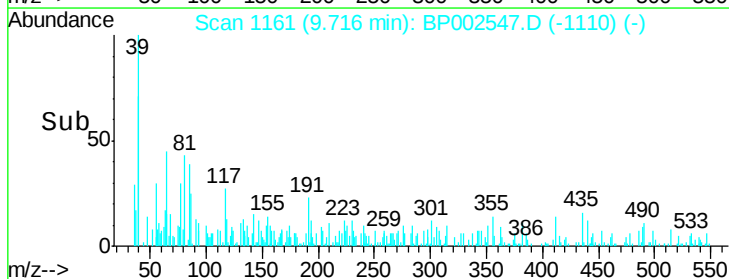
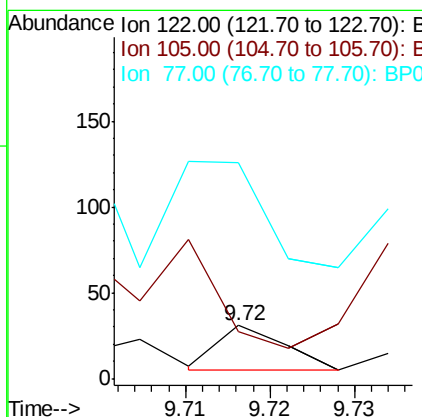
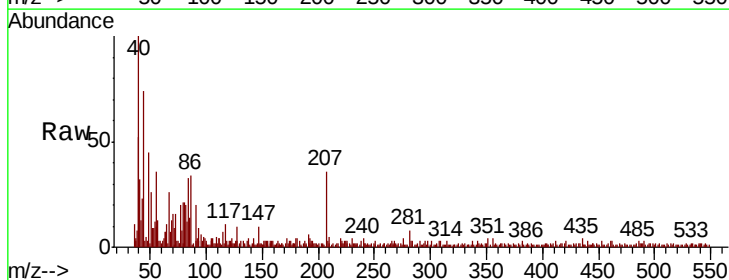
Instrument :
 BNA_P
 ClientSampleId :
 PB129787BL

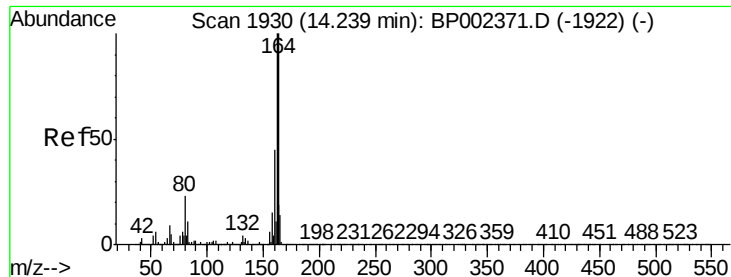
Tot Ion: 82 Resp: 1170830
 Ion Ratio Lower Upper
 82 100
 128 41.3 32.8 49.2
 54 50.8 39.9 59.9



#32
 Benzoic acid
 Concen: 4.601 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BP002547.D
 Acq: 26 Jun 2020 11:17

Tgt Ion: 122 Resp: 14
 Ion Ratio Lower Upper
 122 100
 105 87.1 105.0 145.0#
 77 406.5 76.9 116.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

Instrument :

BNA_P

ClientSampleId :

PB129787BL

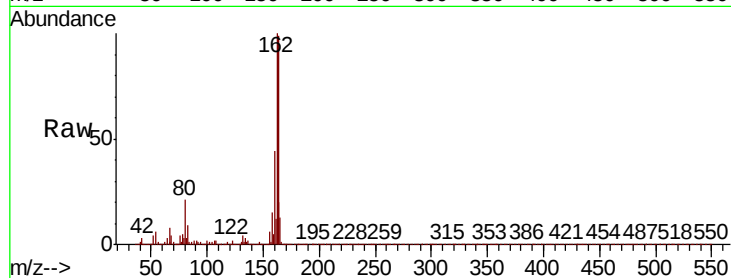
Tot Ion:164 Resp: 464845

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

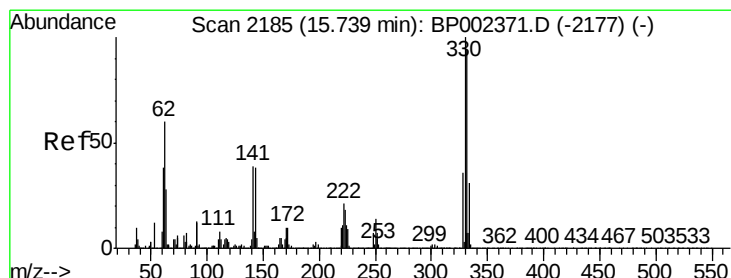
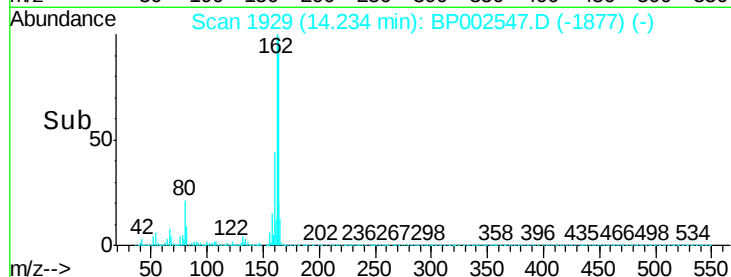
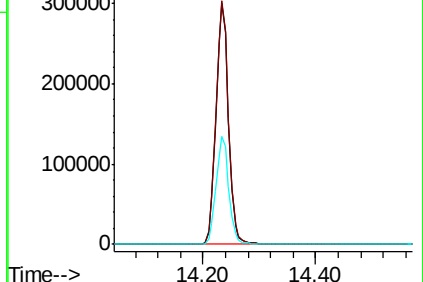
160 44.5 35.4 53.2



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: 148.011 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

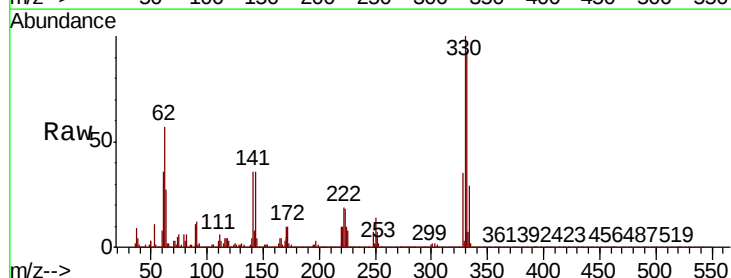
Tgt Ion:330 Resp: 658732

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

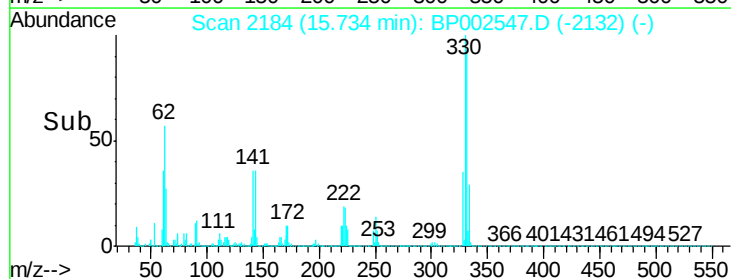
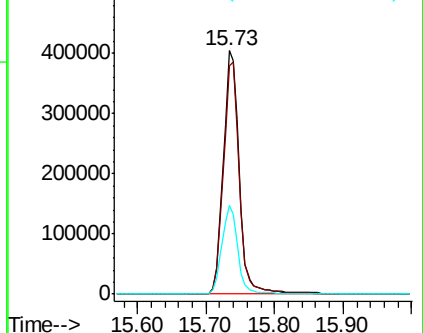
141 35.7 30.4 45.6

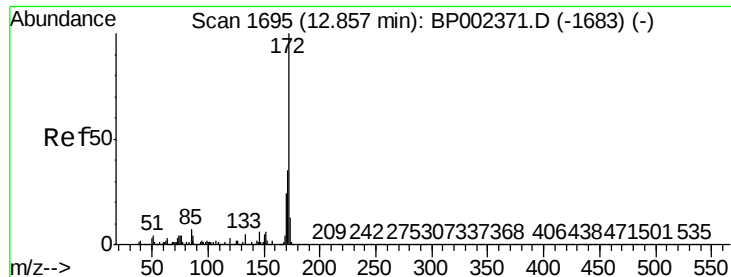


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

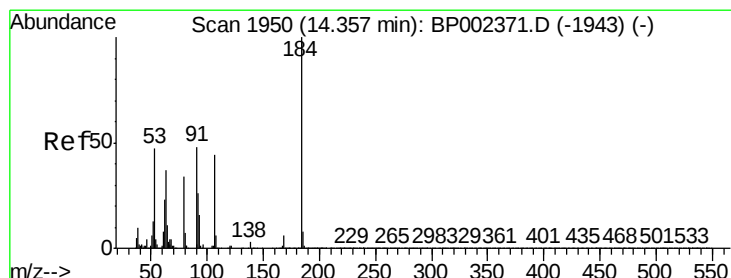
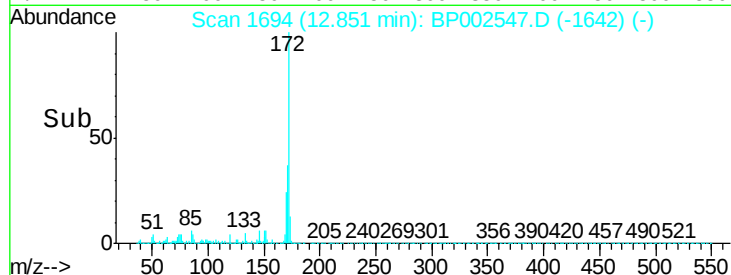
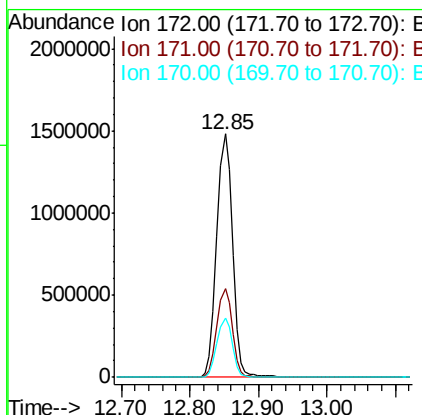
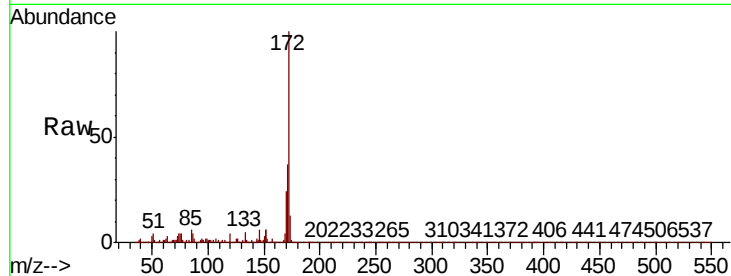




#45
2-Fluorobiphenyl
Concen: 86.152 ng
RT: 12.85 min Scan# 1694
Delta R.T. 0.01 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

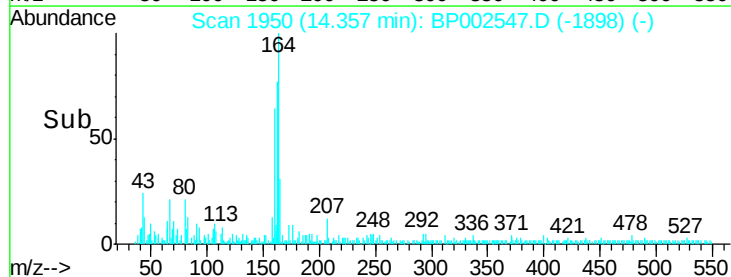
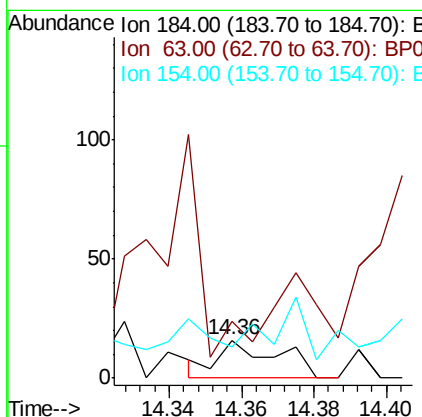
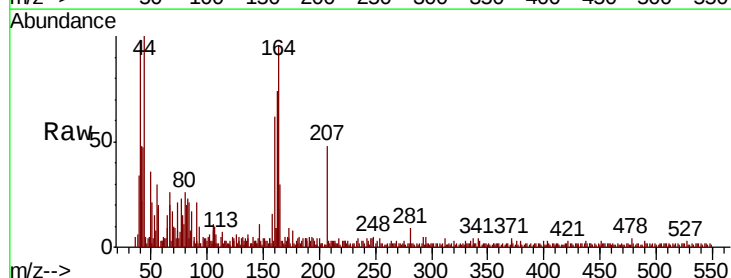
Instrument :
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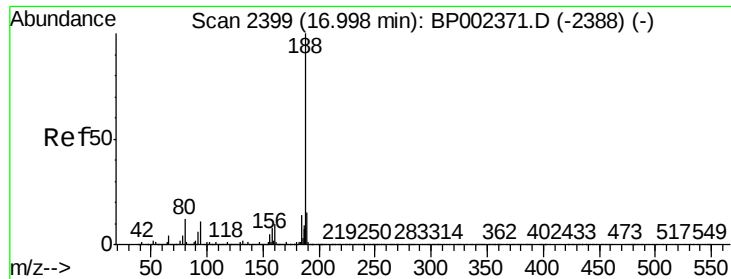
Tot Ion:172 Resp: 2381761
Ion Ratio Lower Upper
172 100
171 36.5 27.9 41.9
170 24.2 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.790 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 150.0 51.3 76.9#
154 81.3 50.2 75.2#

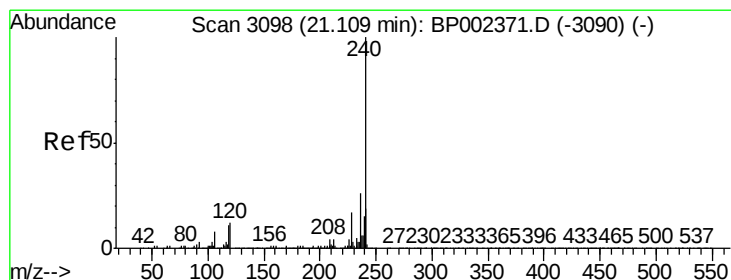
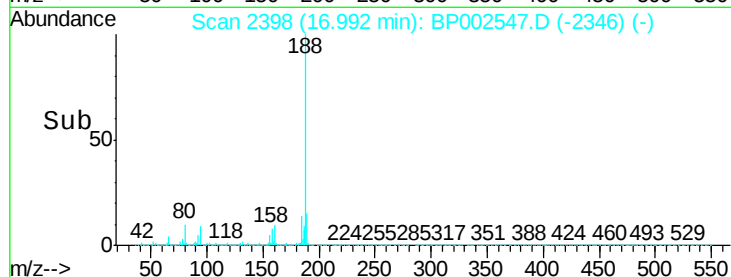
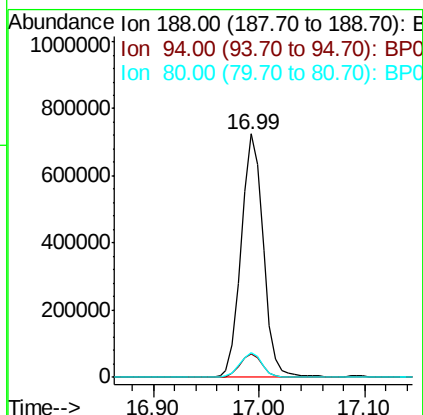
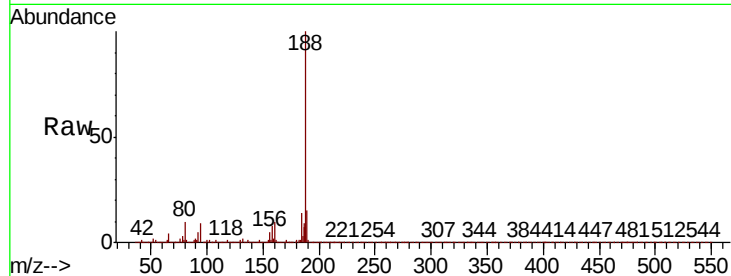




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

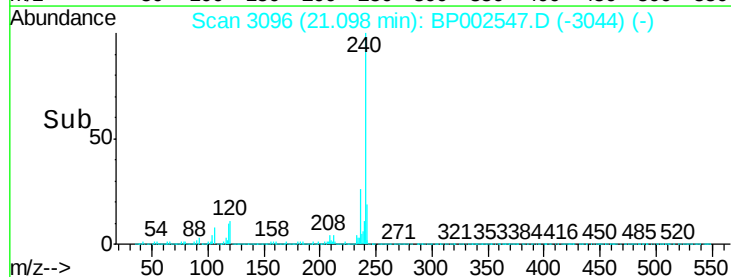
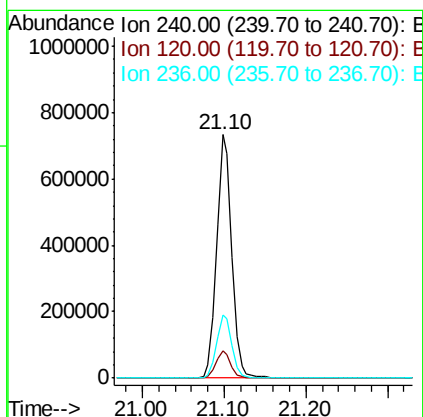
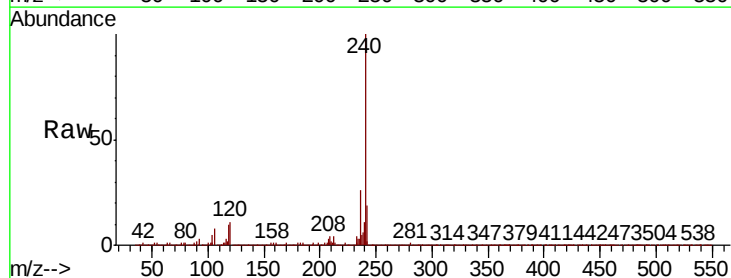
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BNA_P
ClientSampleId :
PB129787BL

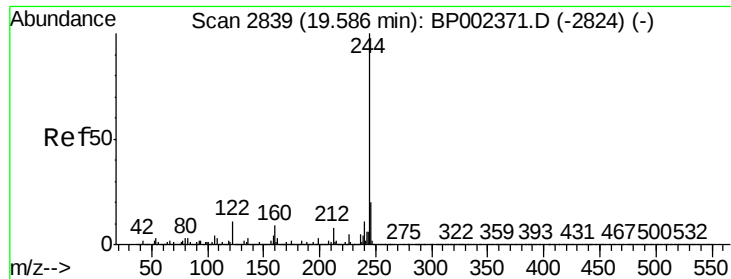
Tot Ion:188 Resp: 1050089
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002547.D
Acq: 26 Jun 2020 11:17

Tgt Ion:240 Resp: 946154
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.8 21.7 32.5





#79

Terphenyl-d14

Concen: 102.536 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

Instrument :

BNA_P

ClientSampleId :

PB129787BL

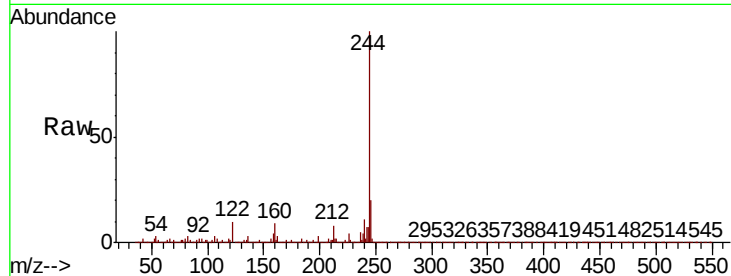
Tot Ion:244 Resp: 3563549

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

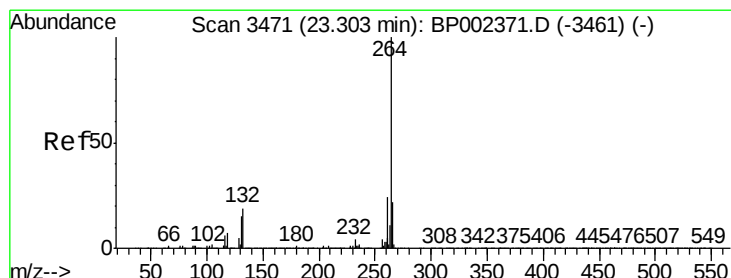
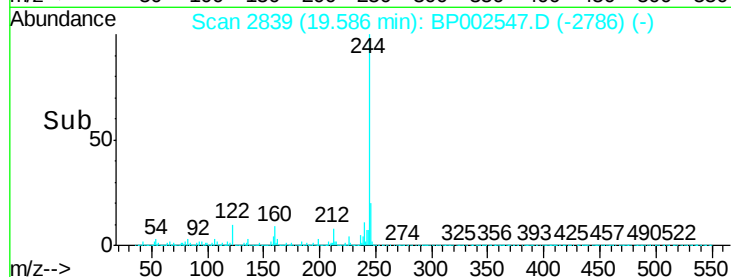
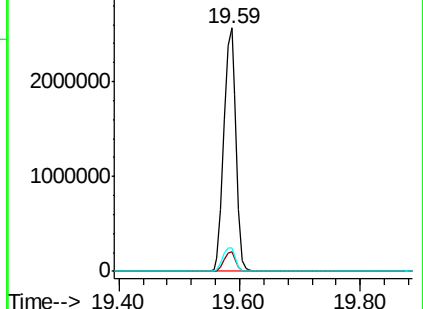
122 9.6 8.0 12.0



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: 23.30 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BP002547.D

Acq: 26 Jun 2020 11:17

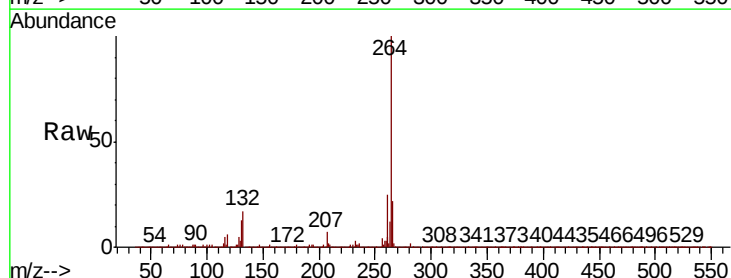
Tgt Ion:264 Resp: 968260

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 22.1 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

