

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010620.D
 Acq On : 29 May 2022 15:47
 Operator : CG/JU
 Sample : N2951-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P035-SS002-0006-01

Quant Time: May 30 02:06:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

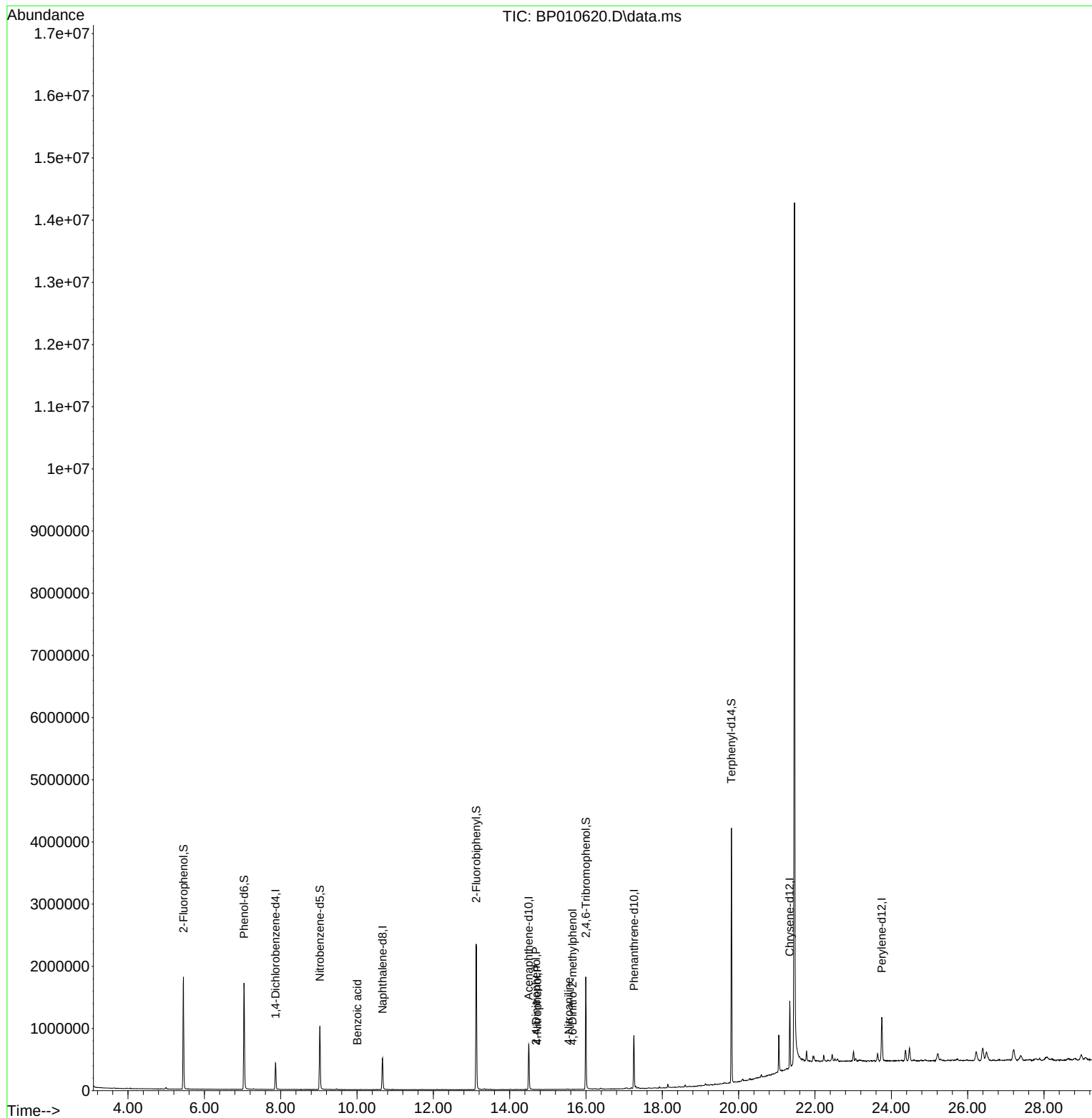
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	110667	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	429682	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	267337	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	543703	20.000	ng	0.00
76) Chrysene-d12	21.339	240	522163	20.000	ng	0.00
86) Perylene-d12	23.751	264	536650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	677351	111.659	ng	0.00
7) Phenol-d6	7.040	99	892292	103.611	ng	0.00
23) Nitrobenzene-d5	9.028	82	607470	66.841	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	320868	106.032	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1242665	65.971	ng	0.00
79) Terphenyl-d14	19.810	244	1890223	67.994	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.004	122	24	7.329	ng	# 1
54) 2,4-Dinitrophenol	14.692	184	19	6.653	ng	92
56) 4-Nitrophenol	14.722	139	17	3.602	ng	# 20
62) 4-Nitroaniline	15.545	138	164	2.170	ng	# 61
65) 4,6-Dinitro-2-methylph...	15.651	198	8	4.605	ng	# 1

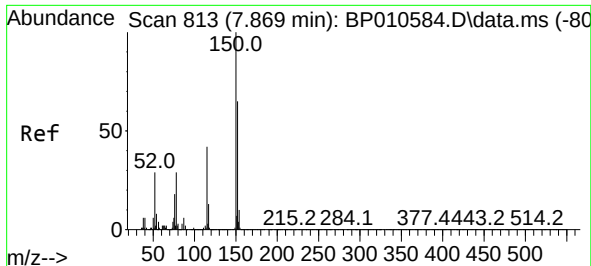
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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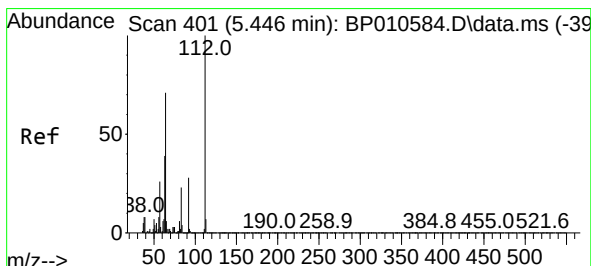
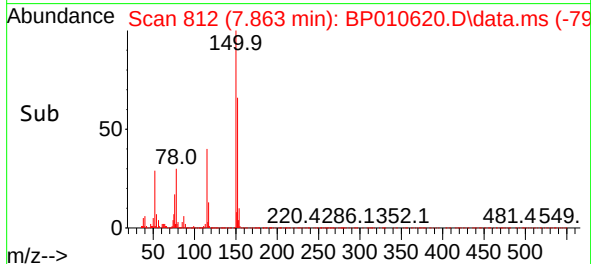
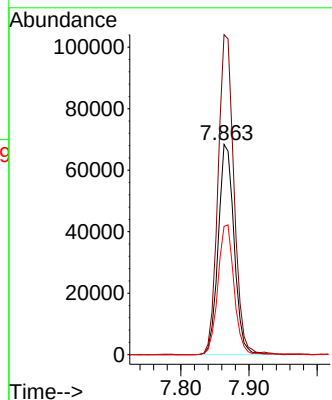
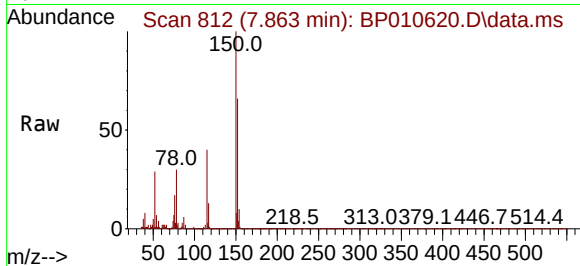




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

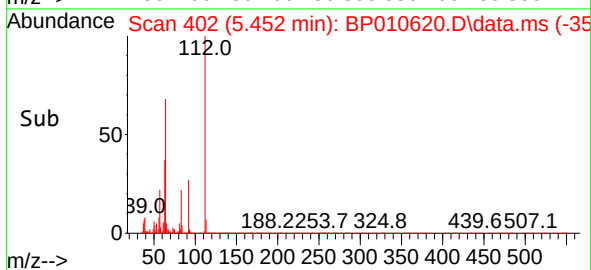
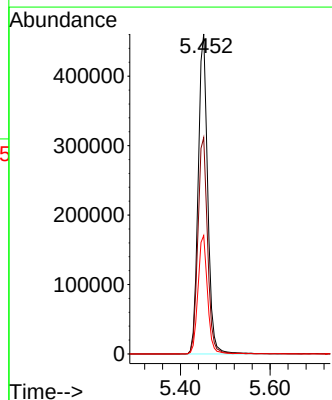
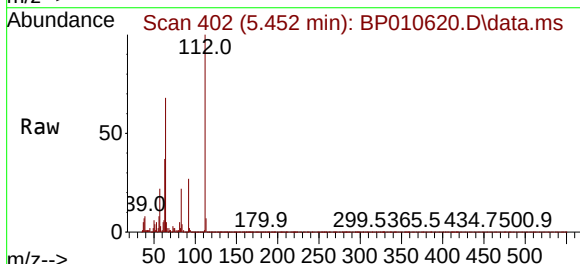
Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

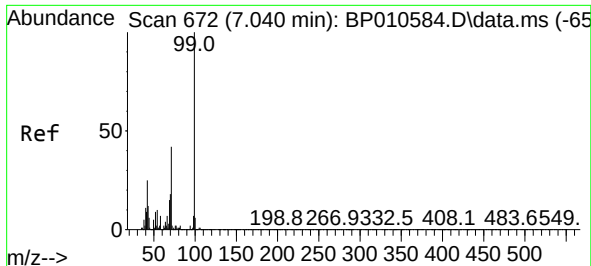
Tgt Ion:152 Resp: 110667
Ion Ratio Lower Upper
152 100
150 152.2 123.4 185.2
115 61.0 51.3 76.9



#5
2-Fluorophenol
Concen: 111.659 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:112 Resp: 677351
Ion Ratio Lower Upper
112 100
64 67.6 56.9 85.3
63 37.0 31.2 46.8

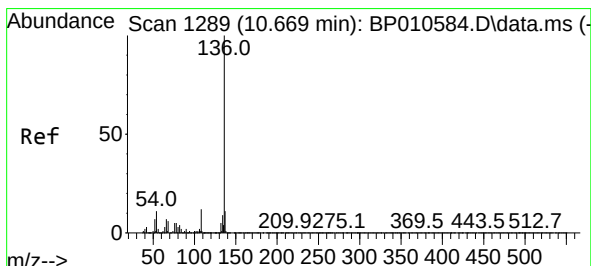
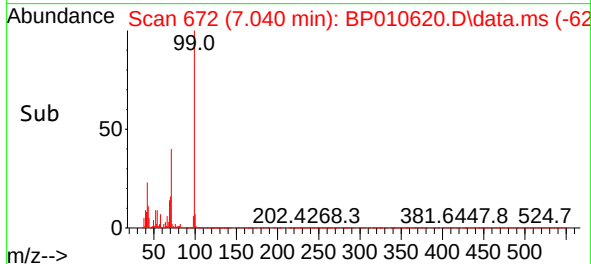
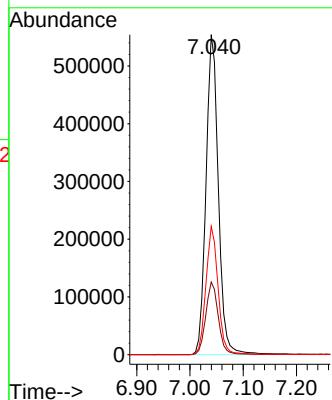
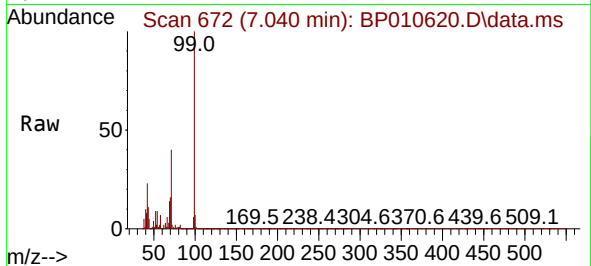




#7
Phenol-d6
Concen: 103.611 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

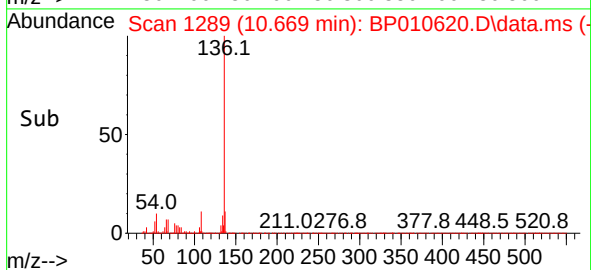
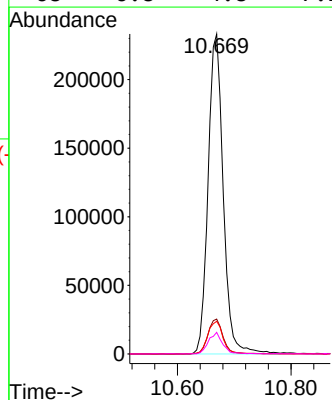
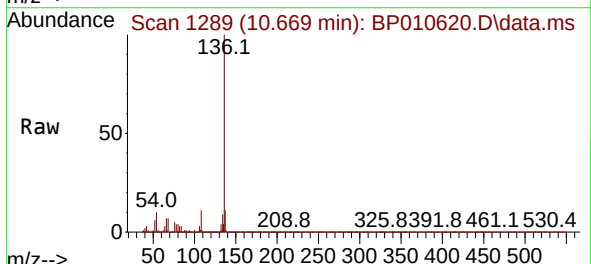
Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

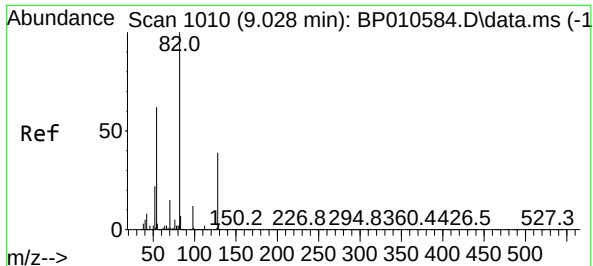
Tgt Ion:	99	Resp:	892292
Ion	Ratio	Lower	Upper
99	100		
42	22.7	20.3	30.5
71	40.1	33.9	50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:	136	Resp:	429682
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.2	8.7	13.1
68	6.8	4.8	7.2

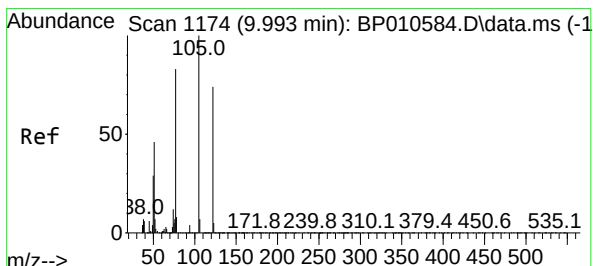
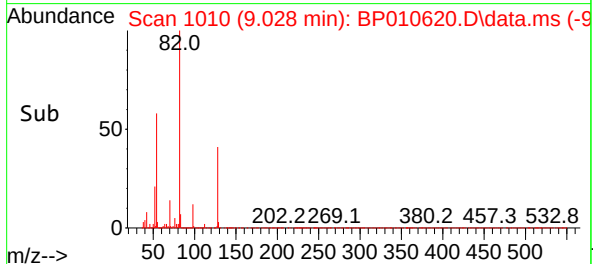
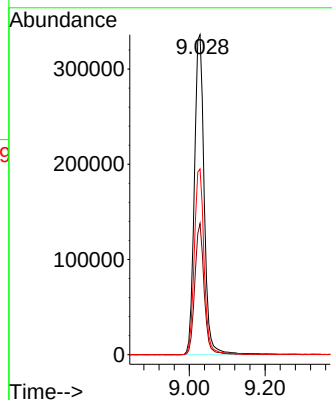
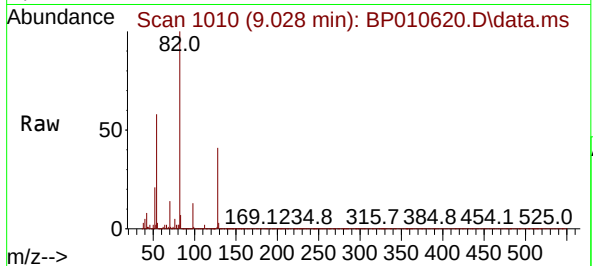




#23
Nitrobenzene-d5
Concen: 66.841 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

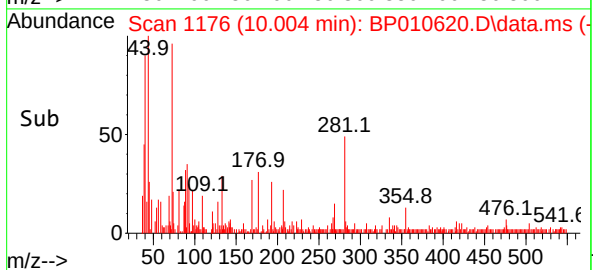
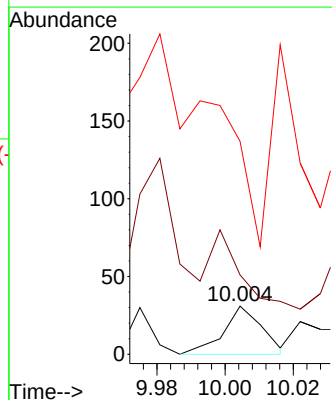
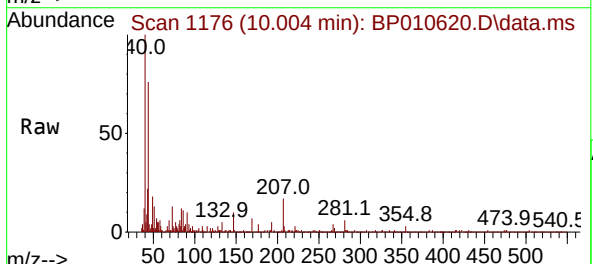
Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

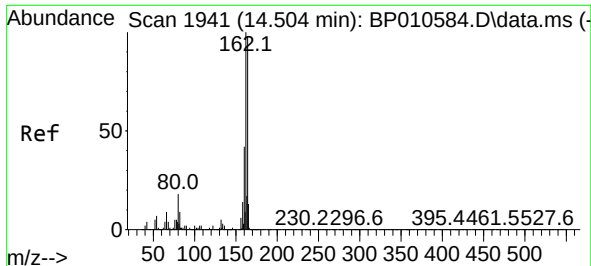
Tgt Ion: 82 Resp: 607470
Ion Ratio Lower Upper
82 100
128 41.0 31.3 46.9
54 58.1 49.8 74.8



#32
Benzoic acid
Concen: 7.329 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.011 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 164.5 112.6 152.6#
77 441.9 90.2 130.2#

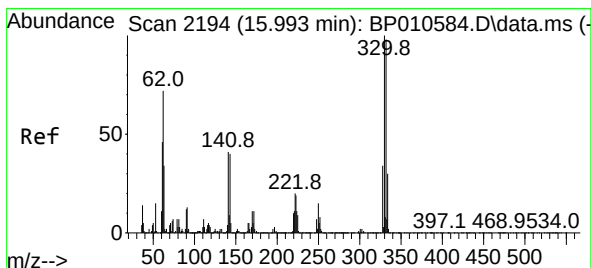
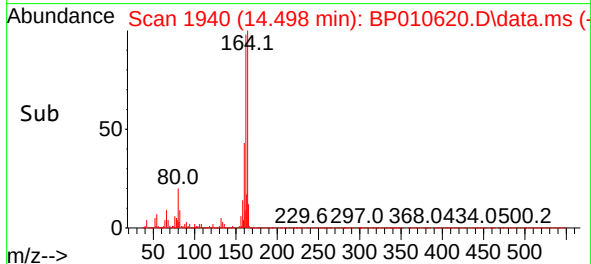
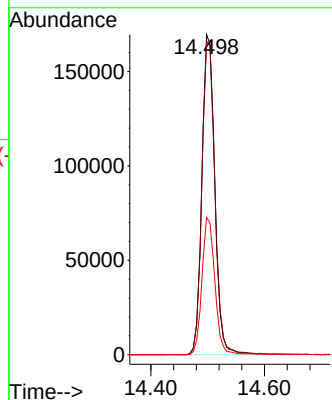
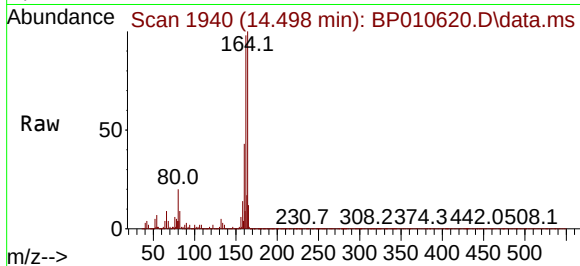




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

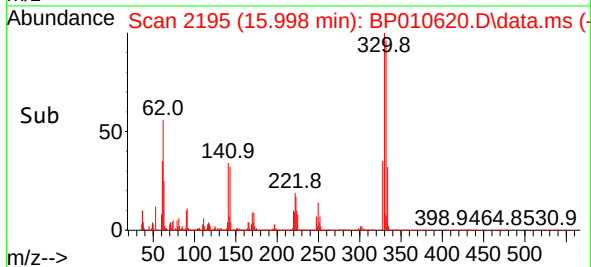
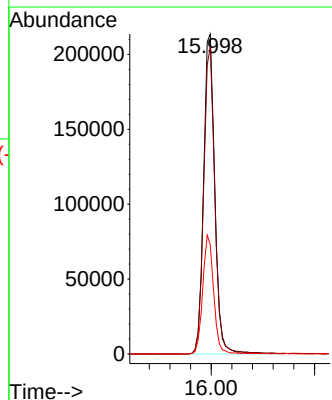
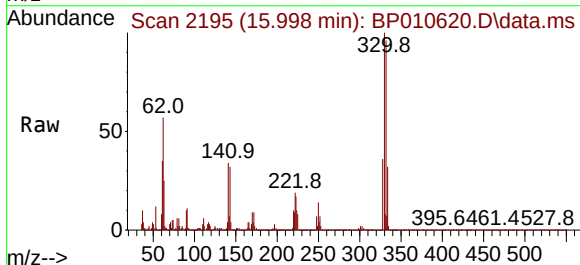
Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

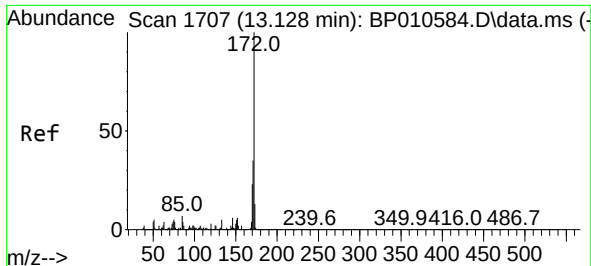
Tgt Ion:164 Resp: 267337
Ion Ratio Lower Upper
164 100
162 97.9 81.9 122.9
160 42.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 106.032 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:330 Resp: 320868
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 36.2 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 65.971 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010620.D

Acq: 29 May 2022 15:47

Instrument :

BNA_P

ClientSampleId :

P035-SS002-0006-01

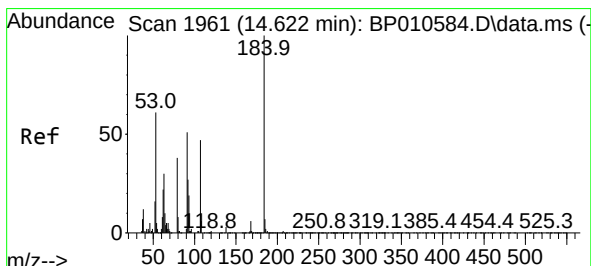
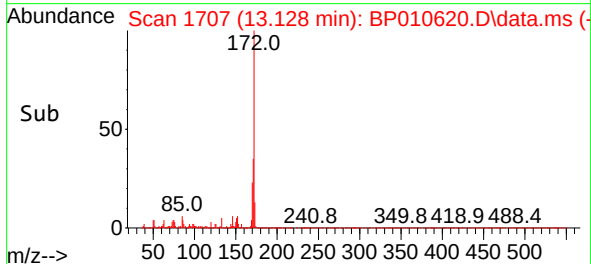
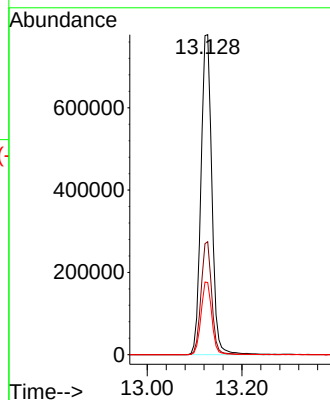
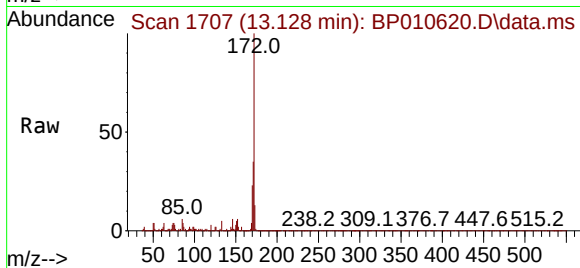
Tgt Ion:172 Resp: 1242665

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.653 ng

RT: 14.692 min Scan# 1973

Delta R.T. 0.070 min

Lab File: BP010620.D

Acq: 29 May 2022 15:47

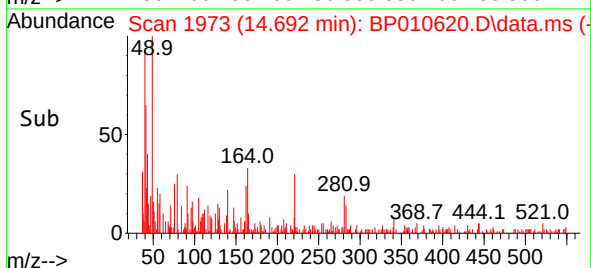
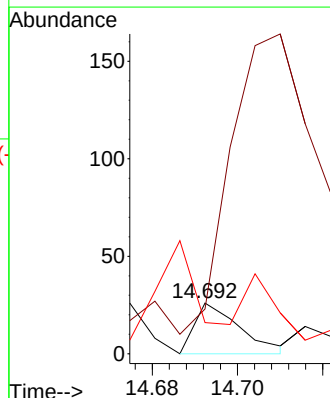
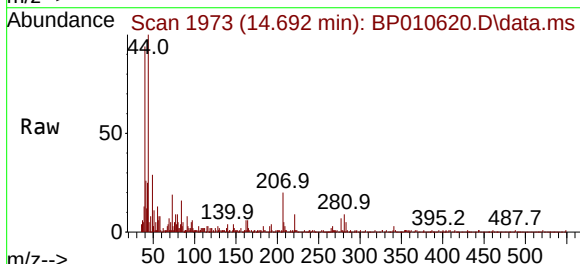
Tgt Ion:184 Resp: 19

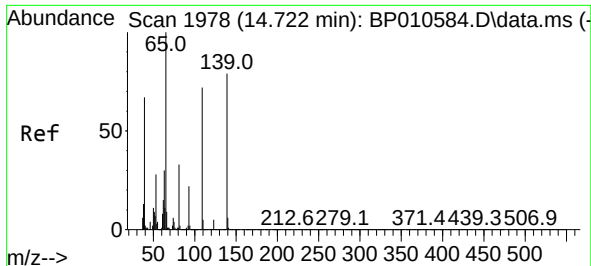
Ion Ratio Lower Upper

184 100

63 88.5 65.4 98.2

154 61.5 55.4 83.2

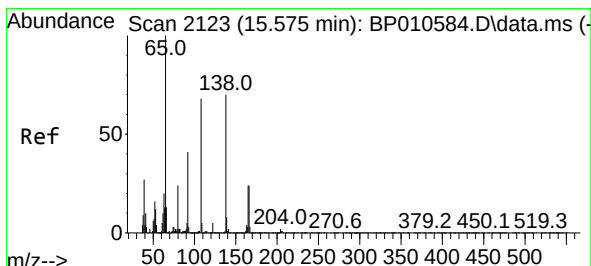
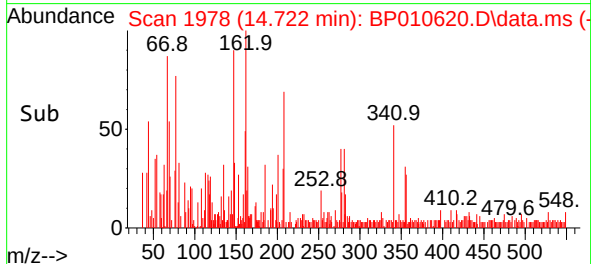
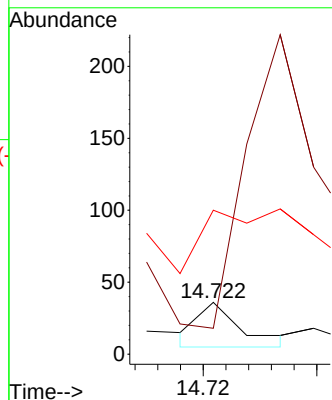
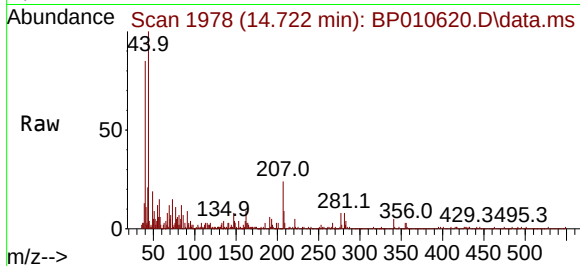




#56
4-Nitrophenol
Concen: 3.602 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

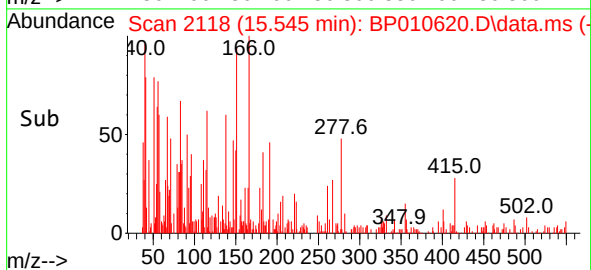
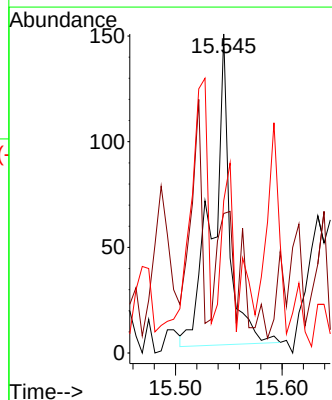
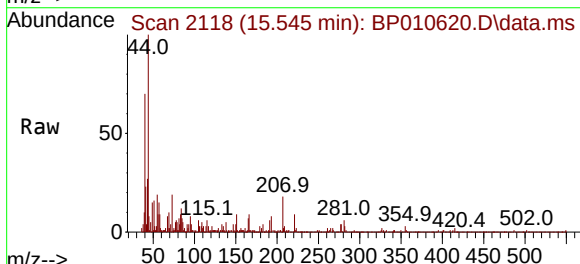
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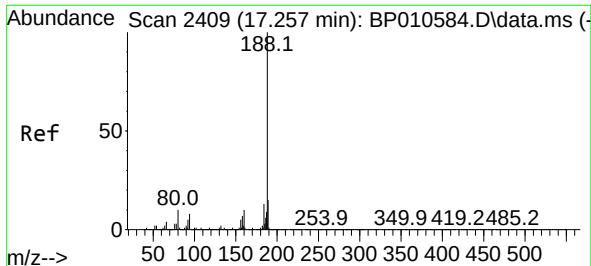
Tgt Ion:139 Resp: 17
Ion Ratio Lower Upper
139 100
109 83.3 70.6 110.6
65 277.8 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.170 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.030 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:138 Resp: 164
Ion Ratio Lower Upper
138 100
92 43.7 38.0 78.0
108 47.7 77.6 117.6#

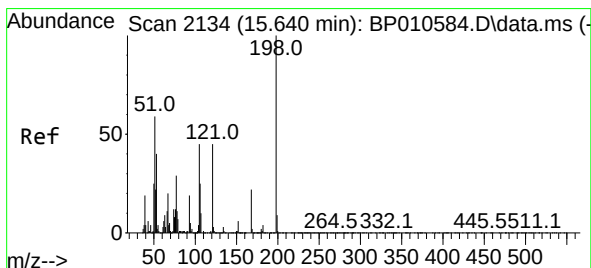
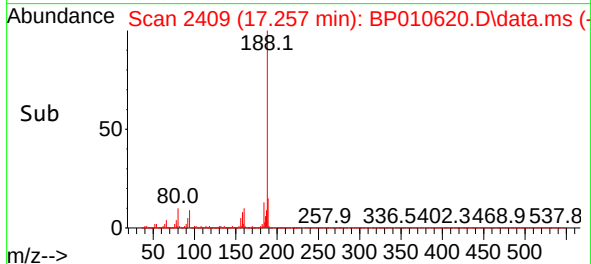
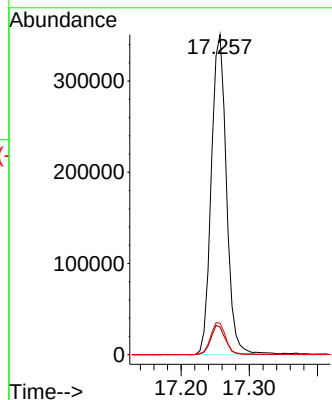
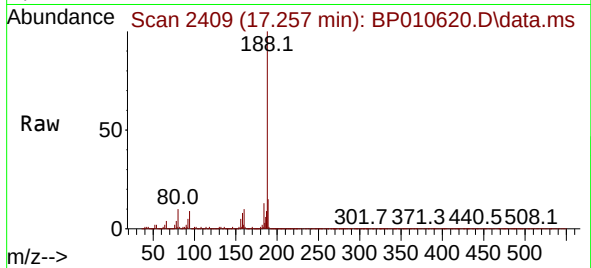




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

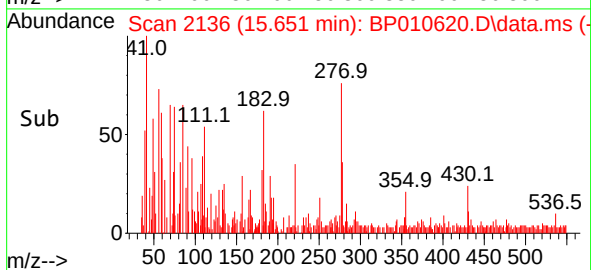
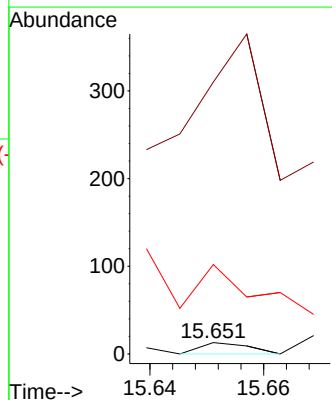
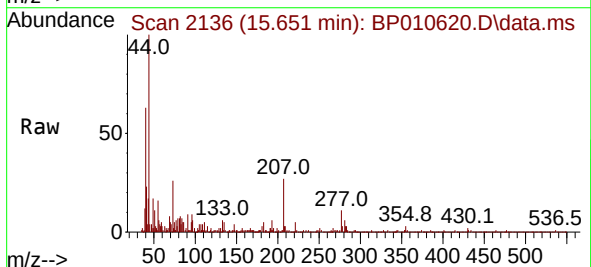
Instrument :
BNA_P
ClientSampleId :
P035-SS002-0006-01

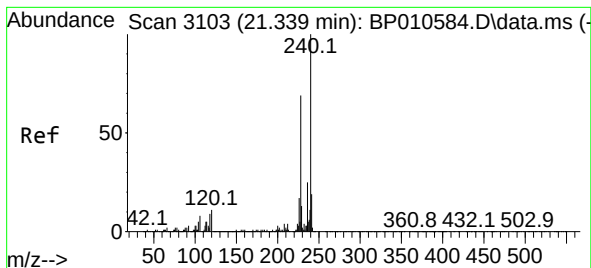
Tgt Ion:188 Resp: 543703
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.8 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.605 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.011 min
Lab File: BP010620.D
Acq: 29 May 2022 15:47

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 2384.6 41.2 81.2#
105 784.6 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BP010620.D

Acq: 29 May 2022 15:47

Instrument :

BNA_P

ClientSampleId :

P035-SS002-0006-01

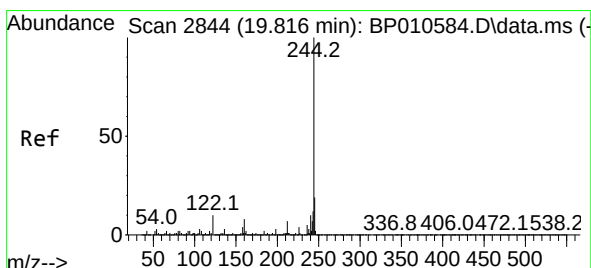
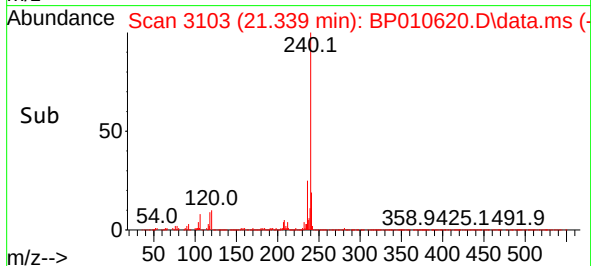
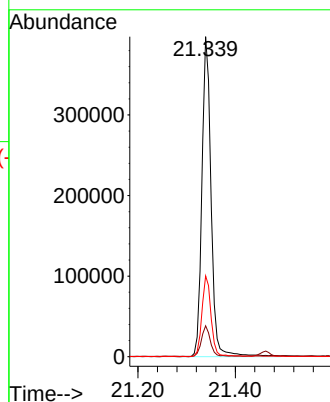
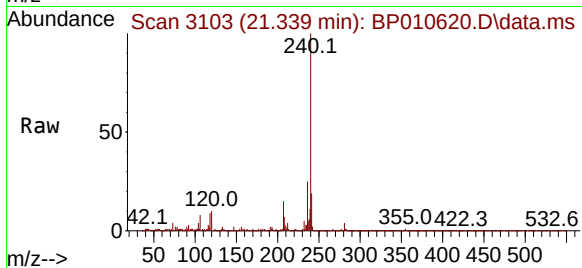
Tgt Ion:240 Resp: 522163

Ion Ratio Lower Upper

240 100

120 9.6 8.6 12.8

236 25.3 19.8 29.6



#79

Terphenyl-d14

Concen: 67.994 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010620.D

Acq: 29 May 2022 15:47

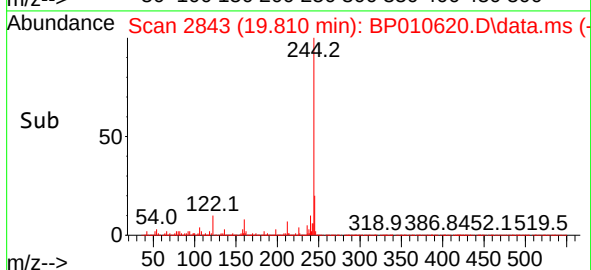
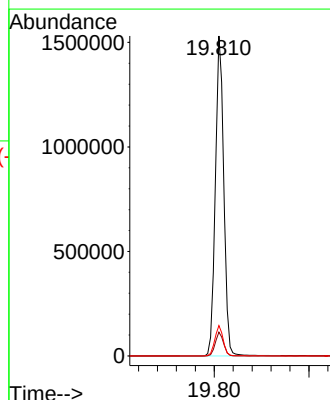
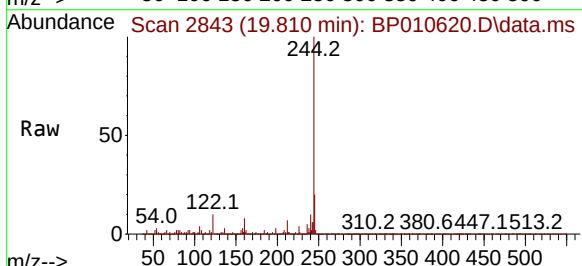
Tgt Ion:244 Resp: 1890223

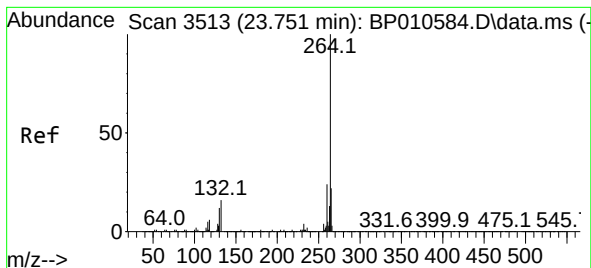
Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.5 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010620.D

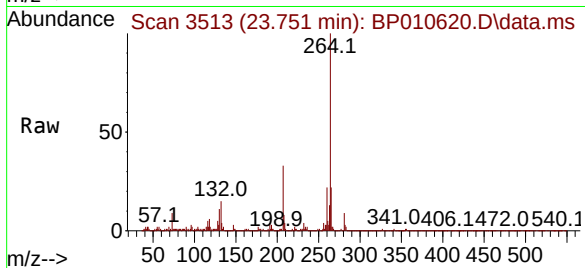
Acq: 29 May 2022 15:47

Instrument :

BNA_P

ClientSampleId :

P035-SS002-0006-01



Tgt Ion:264 Resp: 536650

Ion Ratio Lower Upper

264 100

260 22.0 19.3 28.9

265 22.2 18.0 27.0

