

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004015.D
 Acq On : 19 Nov 2020 21:06
 Operator : CG/JU
 Sample : L4779-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1555

Quant Time: Nov 19 23:58:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

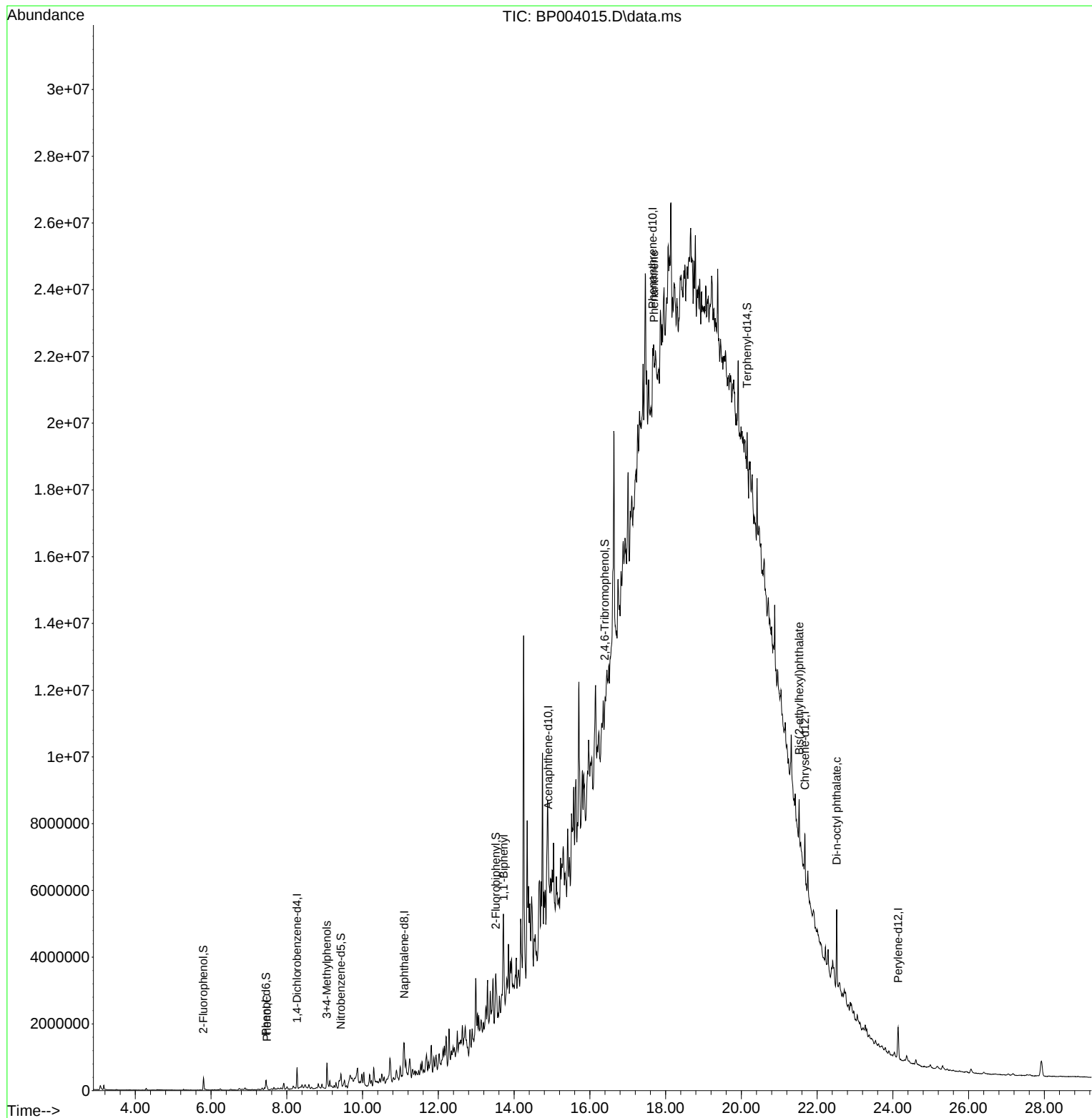
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	157717	20.00	ng	-0.01
21) Naphthalene-d8	11.098	136	597577	20.00	ng	#-0.02
39) Acenaphthene-d10	14.904	164	341506	20.00	ng	0.00
64) Phenanthrene-d10	17.657	188	567438	20.00	ng	# 0.02
76) Chrysene-d12	21.680	240	659556	20.00	ng	# 0.00
86) Perylene-d12	24.139	264	734021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	155210	16.42	ng	0.00
7) Phenol-d6	7.452	99	156796	11.56	ng	0.00
23) Nitrobenzene-d5	9.428	82	209215	17.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	106092	24.84	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	425946	17.44	ng	-0.01
79) Terphenyl-d14	20.151	244	523959	15.35	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	7.475	94	28307	2.16	ng	75
20) 3+4-Methylphenols	9.057	107	324852	28.32	ng	92
46) 1,1'-Biphenyl	13.728	154	173335	6.54	ng	97
71) Phenanthrene	17.698	178	114442	3.59	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.527	149	459600	18.70	ng	# 95
85) Di-n-octyl phthalate	22.515	149	397119	9.70	ng	# 34

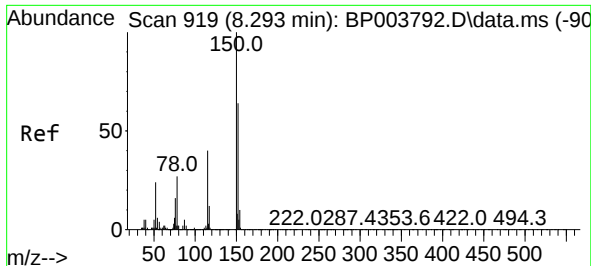
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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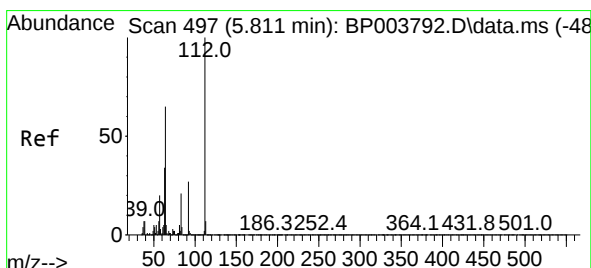
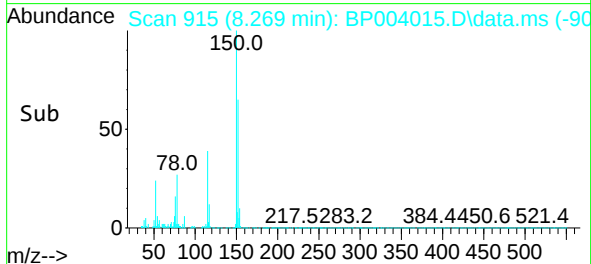
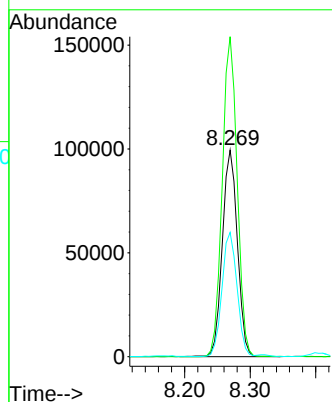
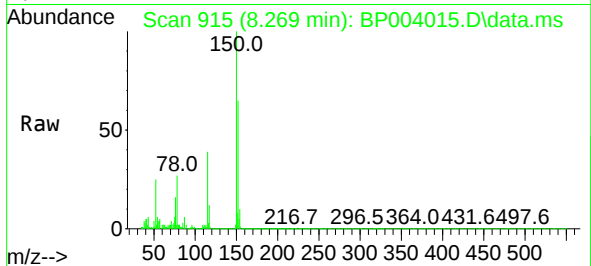




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

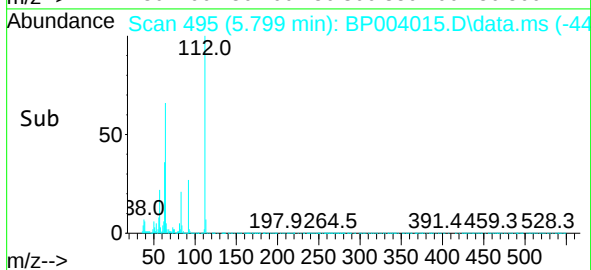
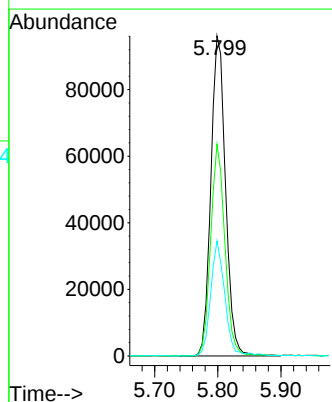
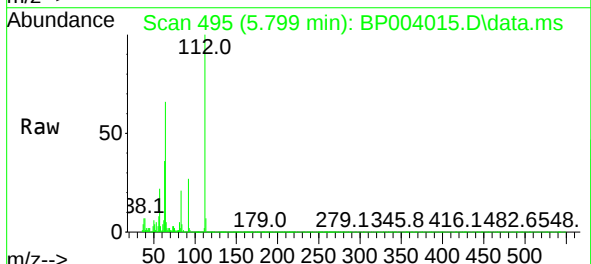
Instrument :
BNA_P
ClientSampleId :
1555

Tgt Ion:152 Resp: 157717
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 16.42 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:112 Resp: 155210
Ion Ratio Lower Upper
112 100
64 66.1 32.8 49.2#
63 35.9 17.0 25.4#

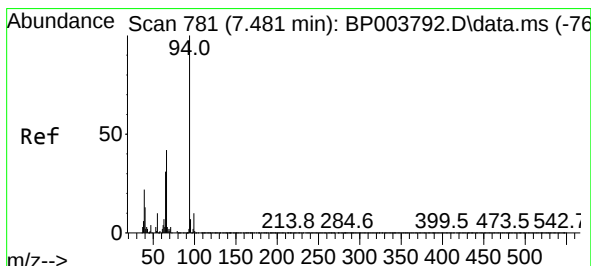
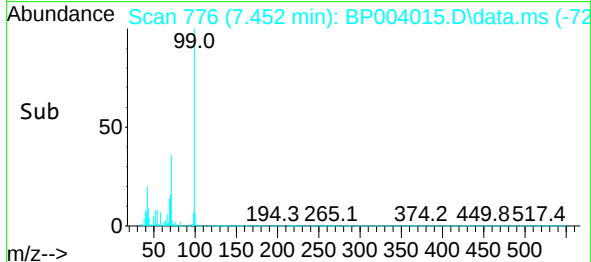
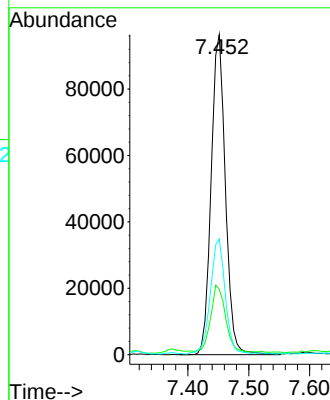
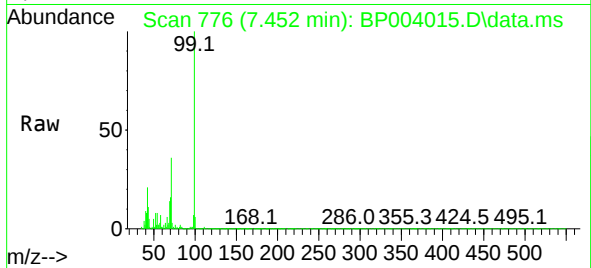




#7
Phenol-d6
Concen: 11.56 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

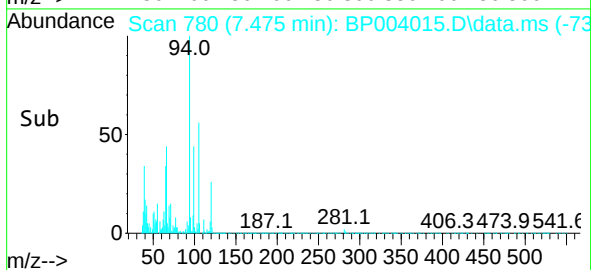
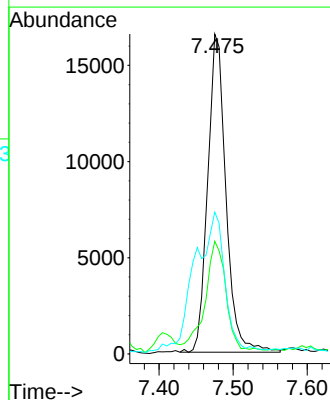
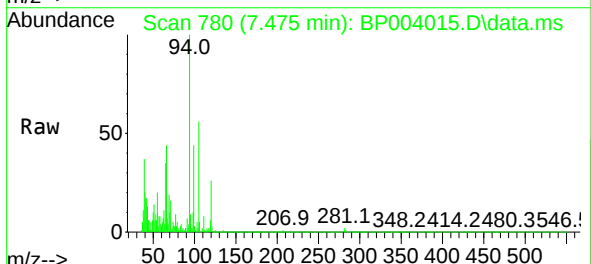
Instrument :
BNA_P
ClientSampleId :
1555

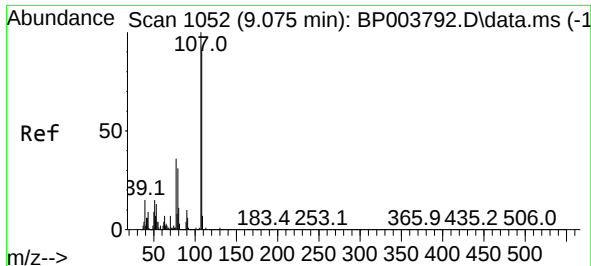
Tgt Ion: 99 Resp: 156796
Ion Ratio Lower Upper
99 100
42 20.5 8.6 13.0#
71 36.2 23.4 35.2#



#10
Phenol
Concen: 2.16 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion: 94 Resp: 28307
Ion Ratio Lower Upper
94 100
65 35.2 2.3 42.3
66 44.3 10.9 50.9

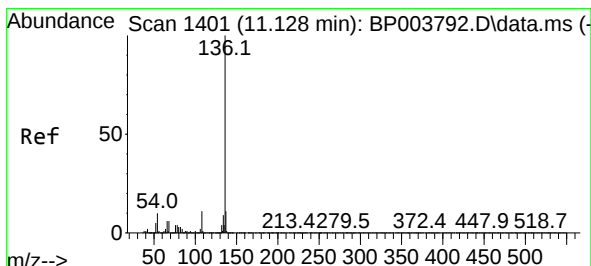
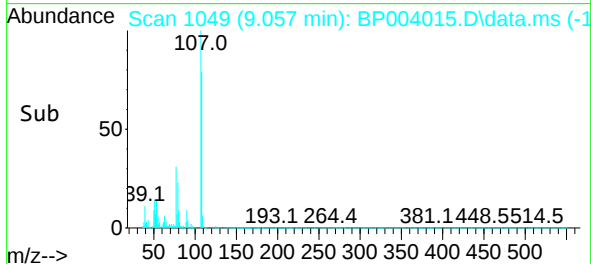
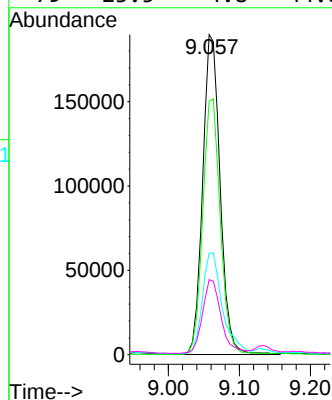
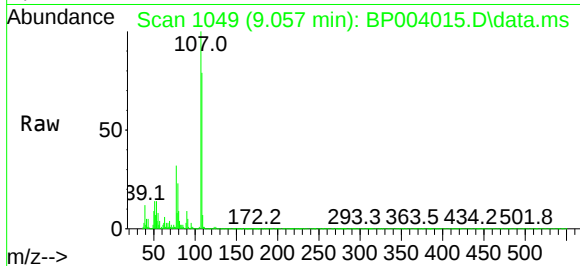




#20
3+4-Methylphenols
Concen: 28.32 ng
RT: 9.057 min Scan# 1049
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

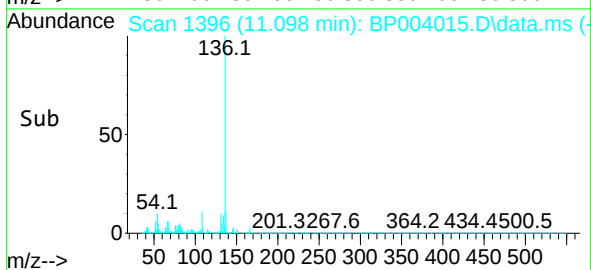
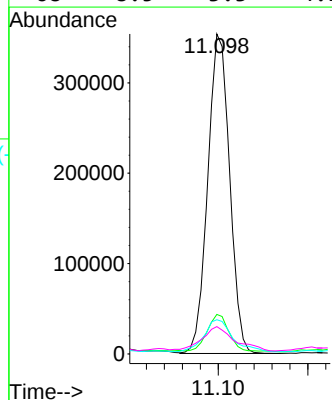
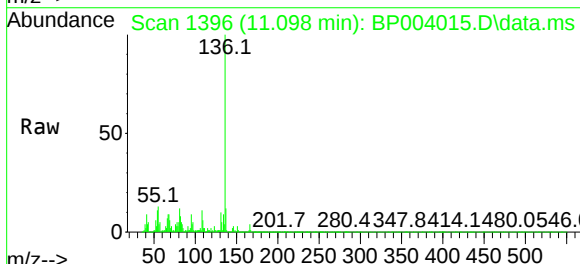
Instrument :
BNA_P
ClientSampleId :
1555

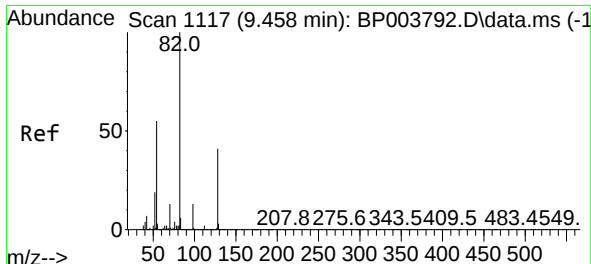
Tgt	Ion:107	Resp:	324852
Ion	Ratio	Lower	Upper
107	100		
108	79.3	69.0	109.0
77	31.7	8.5	48.5
79	23.5	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt	Ion:136	Resp:	597577
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.6	13.0
54	10.7	3.6	5.4#
68	8.5	3.3	4.9#

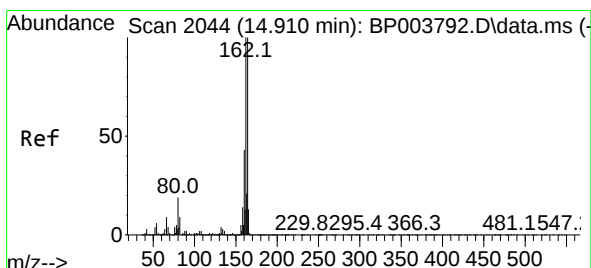
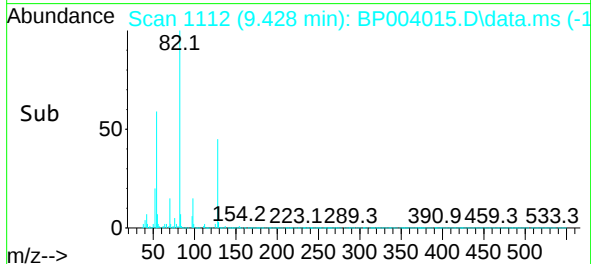
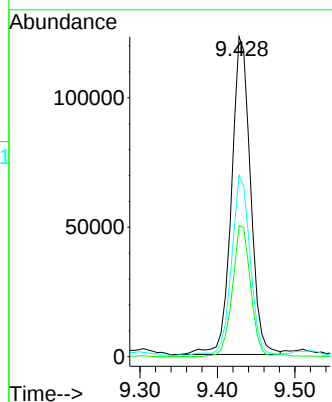
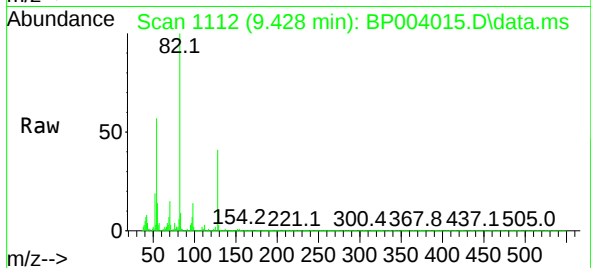




#23
Nitrobenzene-d5
Concen: 17.15 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

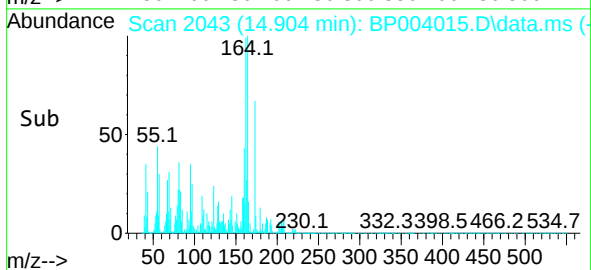
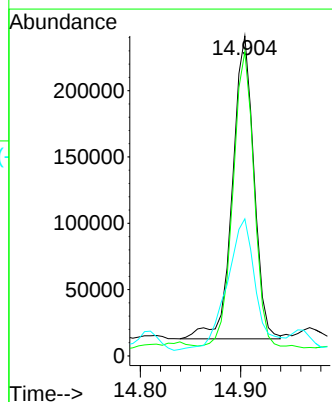
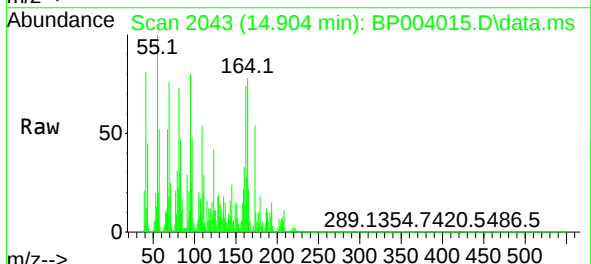
Instrument :
BNA_P
ClientSampled :
1555

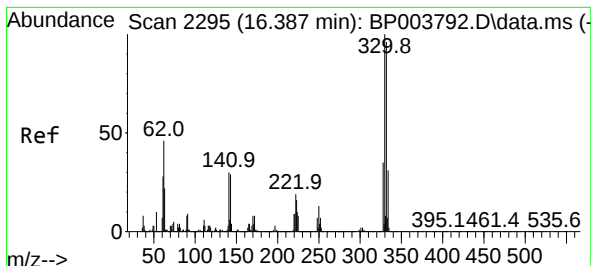
Tgt Ion: 82 Resp: 209215
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 56.7 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion: 164 Resp: 341506
Ion Ratio Lower Upper
164 100
162 95.0 79.4 119.2
160 42.8 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 24.84 ng

RT: 16.392 min Scan# 2296

Delta R.T. 0.000 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

Instrument :

BNA_P

ClientSampleId :

1555

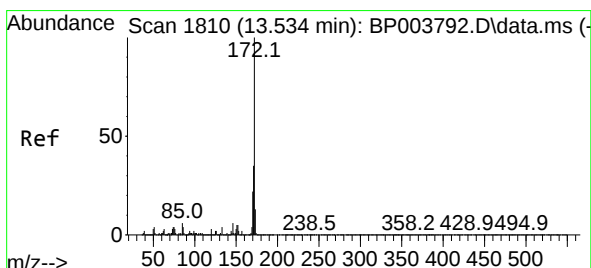
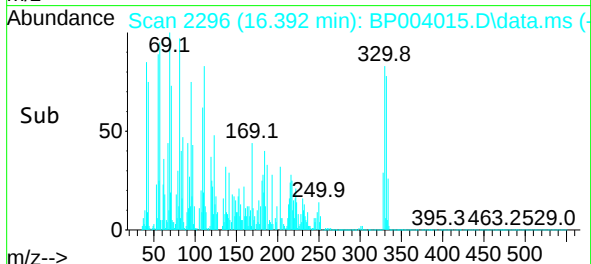
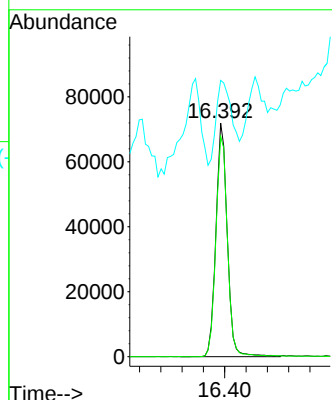
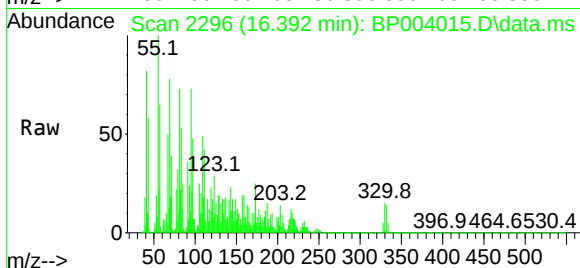
Tgt Ion:330 Resp: 106092

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 51.1 23.4 35.2#



#45

2-Fluorobiphenyl

Concen: 17.44 ng

RT: 13.516 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

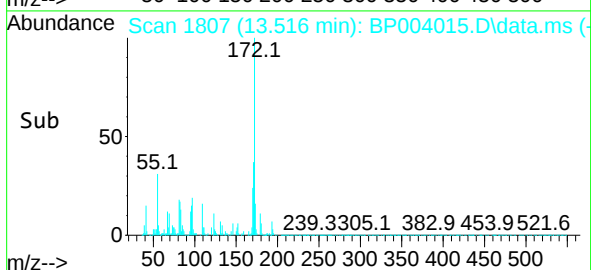
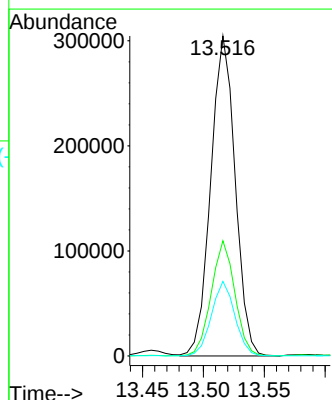
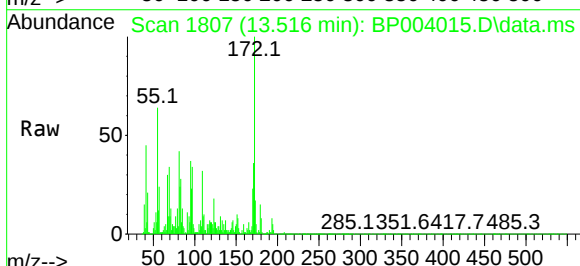
Tgt Ion:172 Resp: 425946

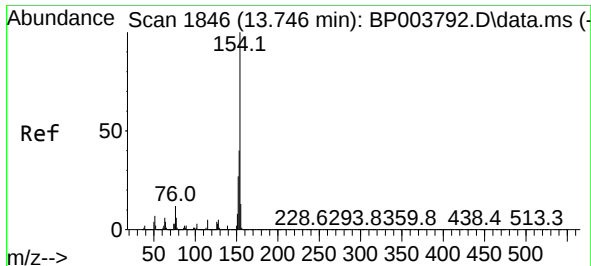
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 23.3 19.2 28.8

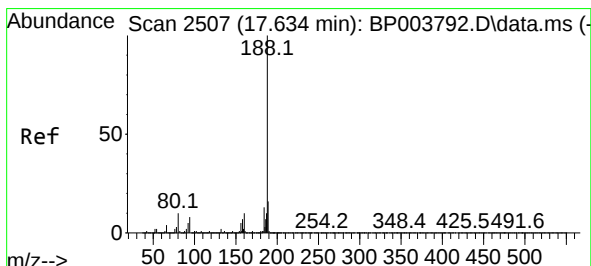
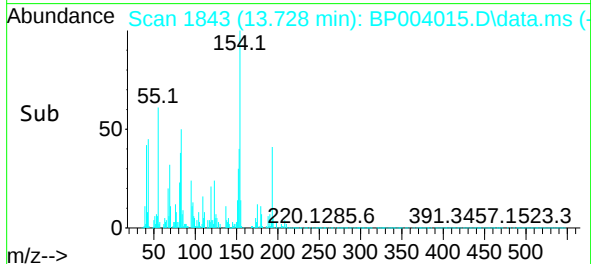
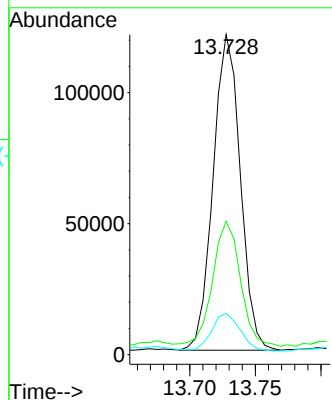
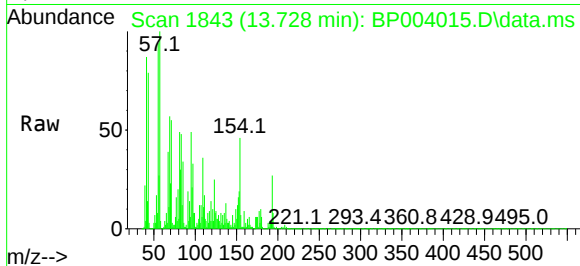




#46
1,1'-Biphenyl
Concen: 6.54 ng
RT: 13.728 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

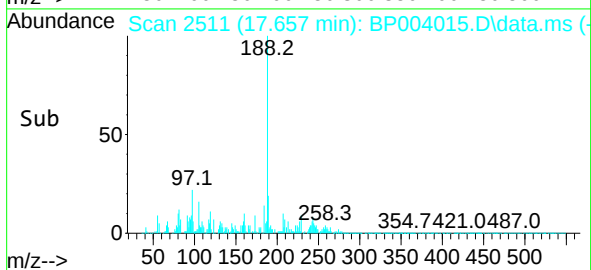
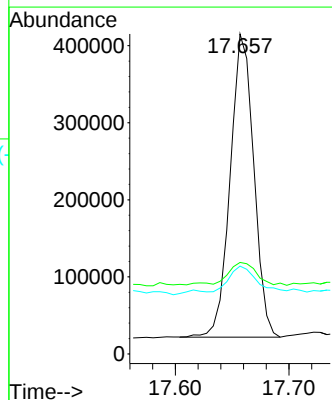
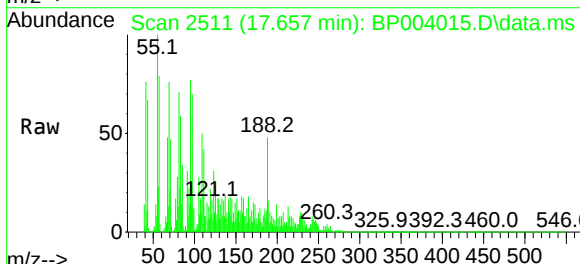
Instrument :
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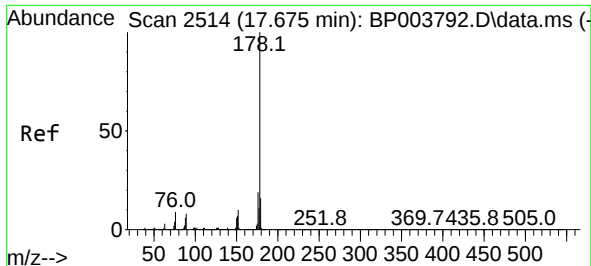
Tgt Ion:154 Resp: 173335
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 12.9 0.0 29.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.657 min Scan# 2511
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:188 Resp: 567438
Ion Ratio Lower Upper
188 100
94 28.6 6.2 9.2#
80 27.4 6.2 9.2#

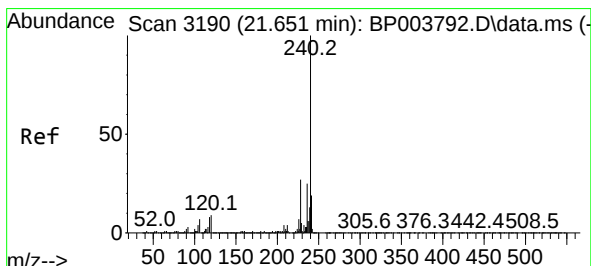
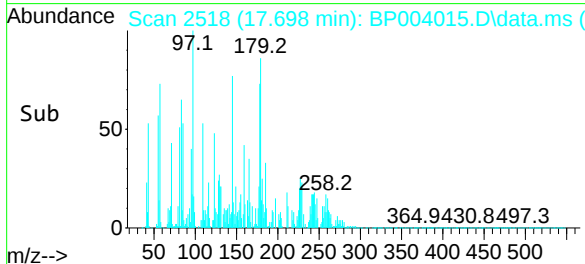
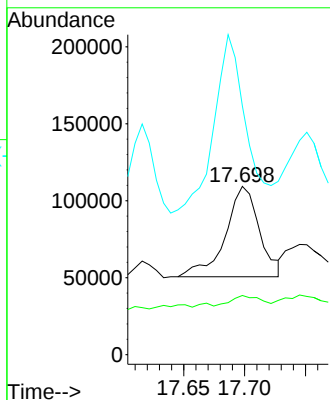
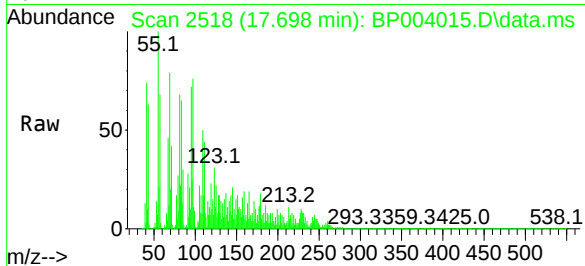




#71
Phenanthrene
Concen: 3.59 ng
RT: 17.698 min Scan# 2518
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

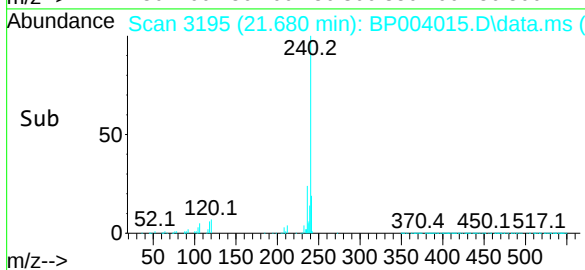
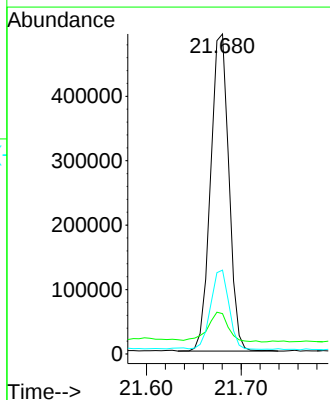
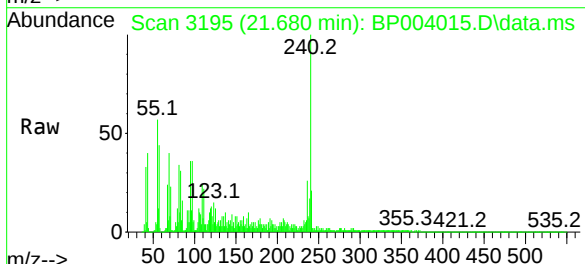
Instrument :
BNA_P
ClientSampleId :
1555

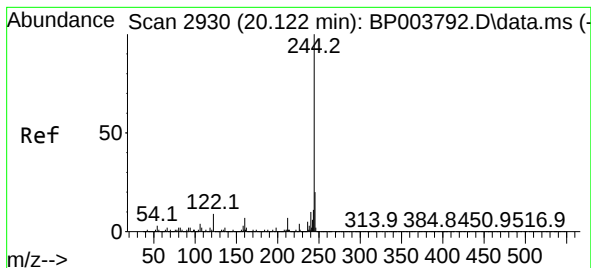
Tgt Ion:178 Resp: 114442
Ion Ratio Lower Upper
178 100
176 35.2 15.3 22.9#
179 147.8 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.680 min Scan# 3195
Delta R.T. 0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:240 Resp: 659556
Ion Ratio Lower Upper
240 100
120 12.6 7.8 11.6#
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 15.35 ng

RT: 20.151 min Scan# 2935

Delta R.T. 0.018 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

Instrument :

BNA_P

ClientSampleId :

1555

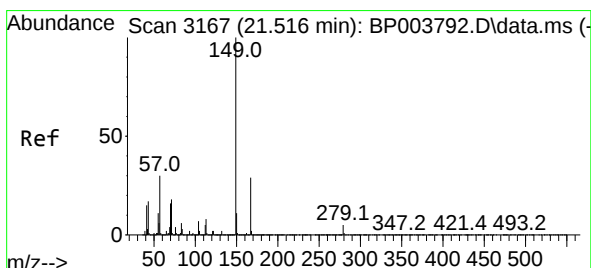
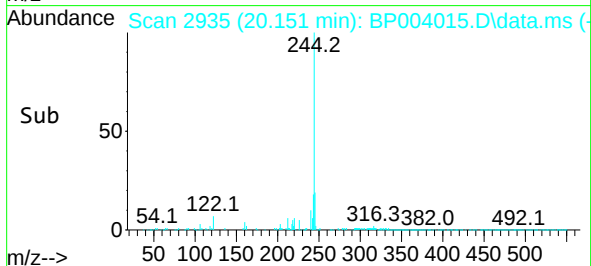
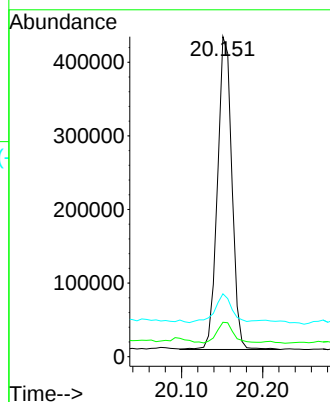
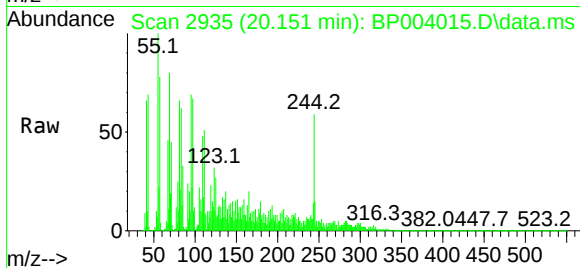
Tgt Ion:244 Resp: 523959

Ion Ratio Lower Upper

244 100

212 10.8 5.8 8.6#

122 19.7 7.8 11.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 18.70 ng

RT: 21.527 min Scan# 3169

Delta R.T. -0.006 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

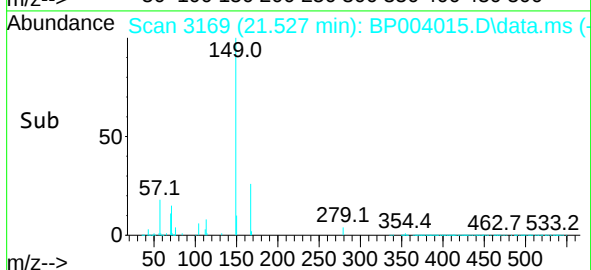
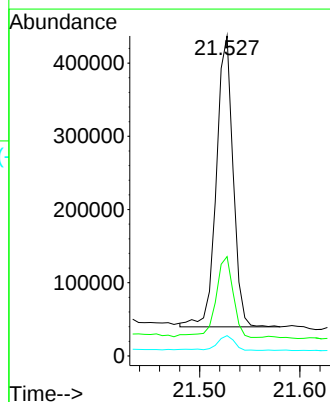
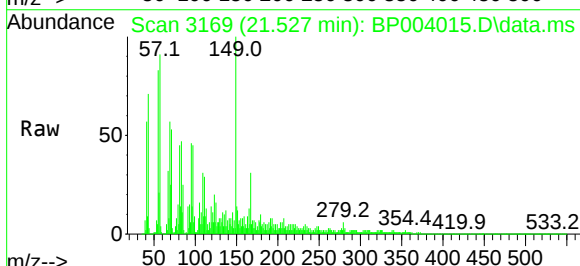
Tgt Ion:149 Resp: 459600

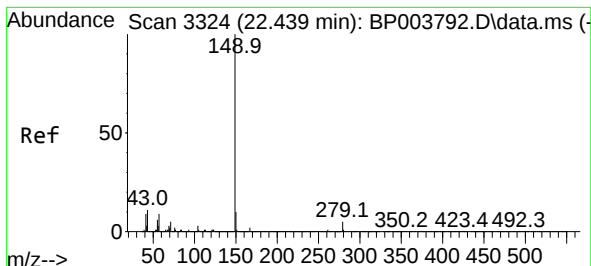
Ion Ratio Lower Upper

149 100

167 31.1 22.6 34.0

279 6.3 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 9.70 ng

RT: 22.515 min Scan# 3337

Delta R.T. 0.047 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

Instrument :

BNA_P

ClientSampleId :

1555

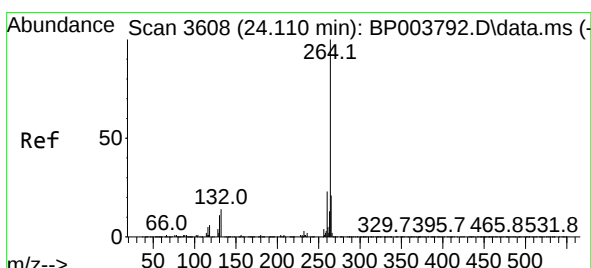
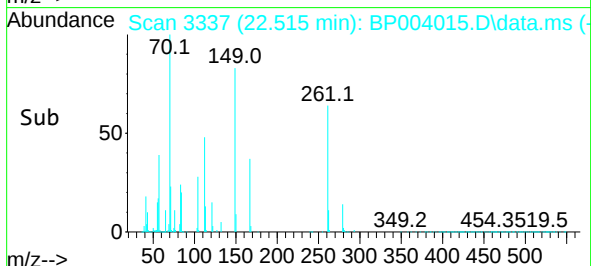
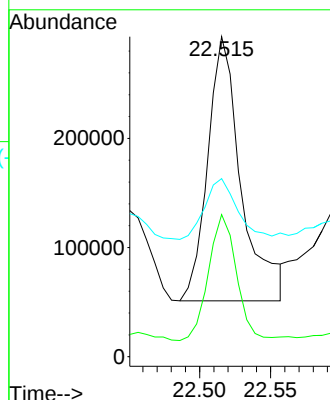
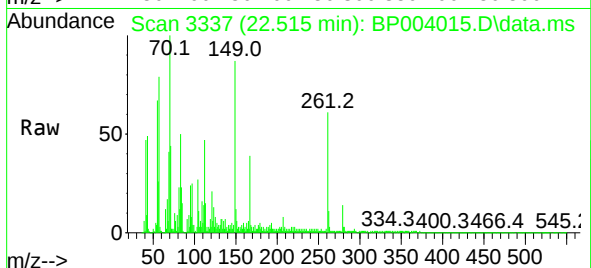
Tgt Ion:149 Resp: 397119

Ion Ratio Lower Upper

149 100

167 39.7 1.3 1.9#

43 22.2 3.7 5.5#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.139 min Scan# 3613

Delta R.T. -0.018 min

Lab File: BP004015.D

Acq: 19 Nov 2020 21:06

Tgt Ion:264 Resp: 734021

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 17.4 26.2

