

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010692.D
 Acq On : 03 Jun 2022 14:49
 Operator : CG/JU
 Sample : N3143-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20220416-COMPOSITE-E

Quant Time: Jun 04 02:00:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

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

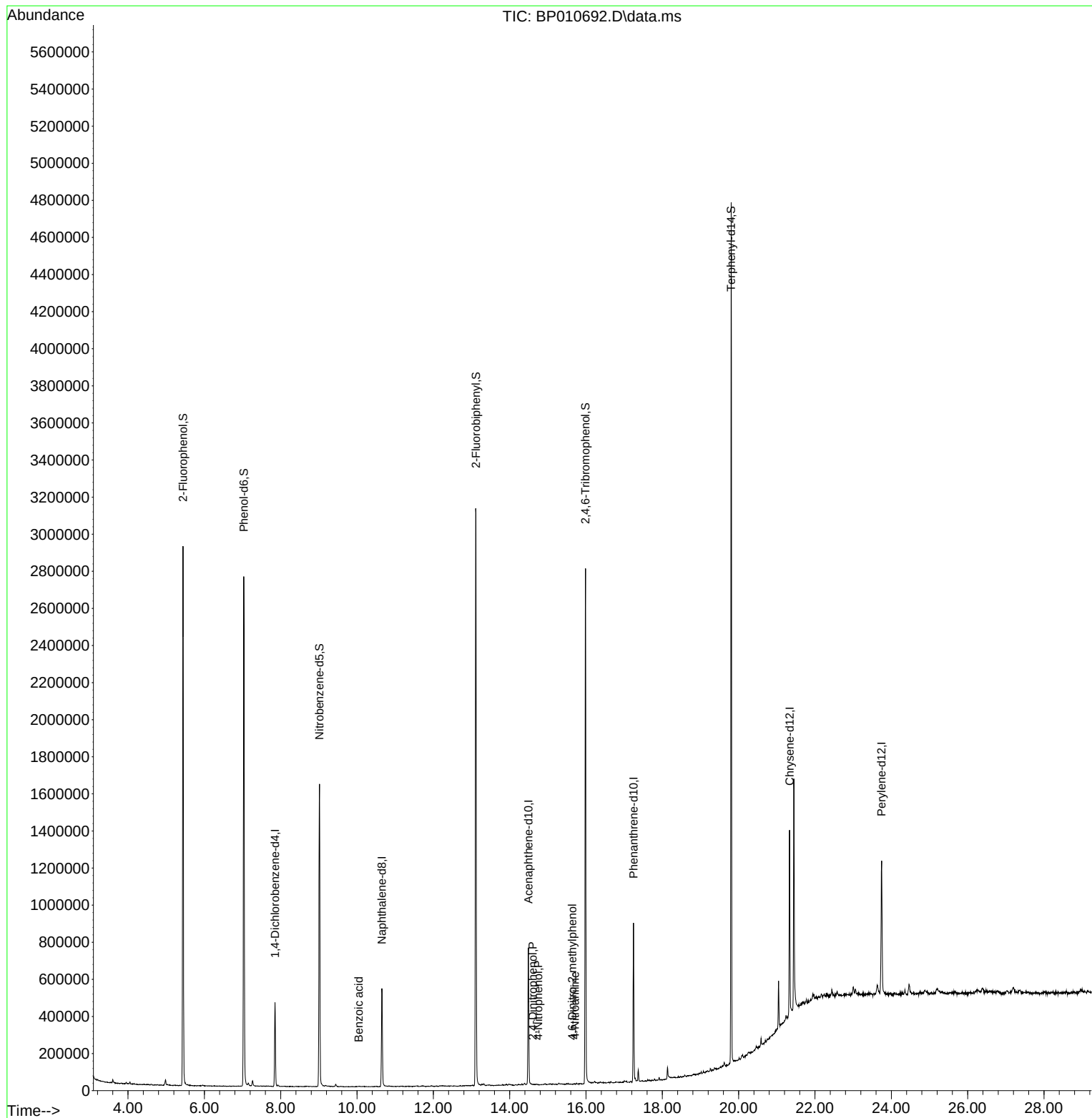
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	115429	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	435184	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	259714	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	514066	20.000	ng	0.00
76) Chrysene-d12	21.333	240	471241	20.000	ng	-0.01
86) Perylene-d12	23.745	264	547576	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1068938	168.941	ng	0.00
7) Phenol-d6	7.034	99	1400033	155.861	ng	0.00
23) Nitrobenzene-d5	9.016	82	936859	101.780	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	500591	170.278	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1600453	87.459	ng	0.00
79) Terphenyl-d14	19.804	244	2072214	82.596	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.045	122	90	7.343	ng	# 66
54) 2,4-Dinitrophenol	14.604	184	9	6.649	ng	# 1
56) 4-Nitrophenol	14.745	139	142	3.638	ng	# 1
62) 4-Nitroaniline	15.710	138	99	2.156	ng	78
65) 4,6-Dinitro-2-methylph...	15.639	198	24	4.609	ng	# 1

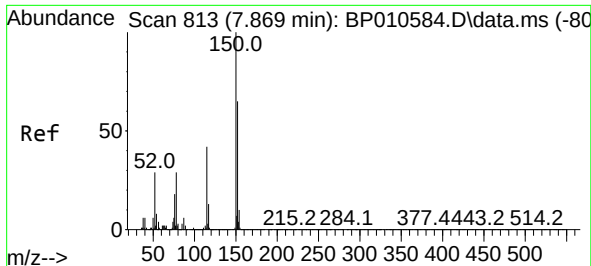
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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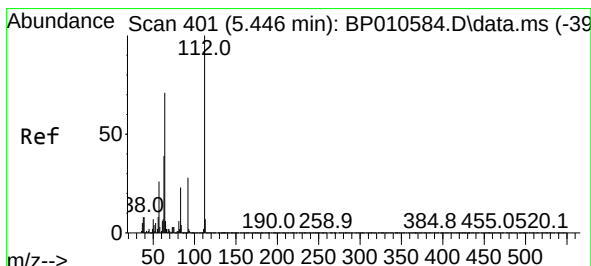
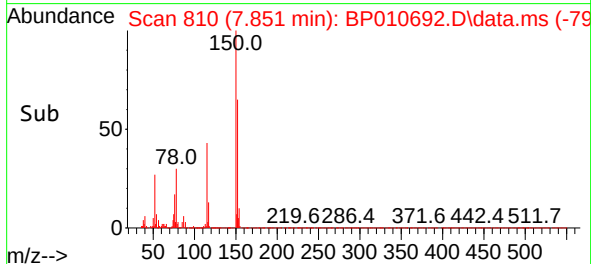
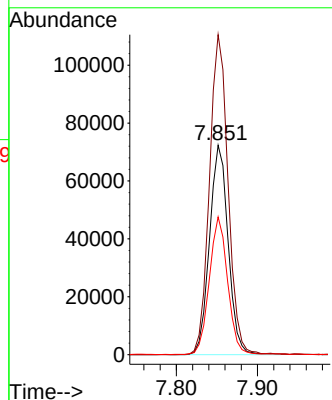
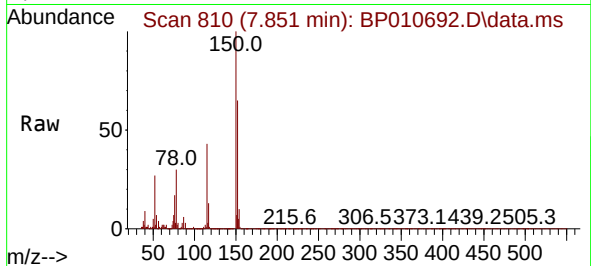




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 813
Delta R.T. -0.001 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

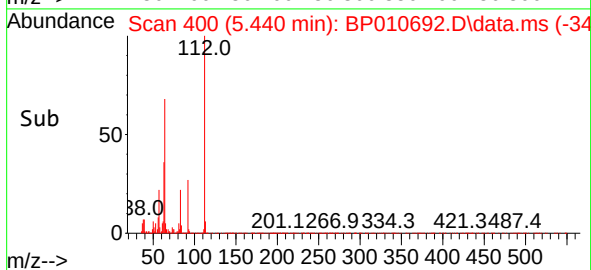
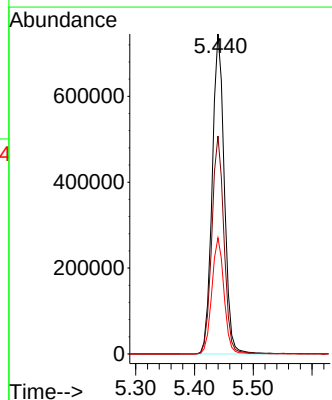
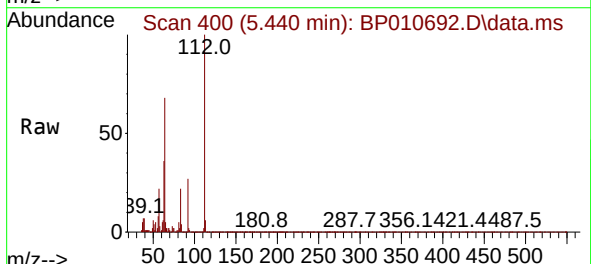
Instrument :
BNA_P
ClientSampleId :
20220416-COMPOSITE-E

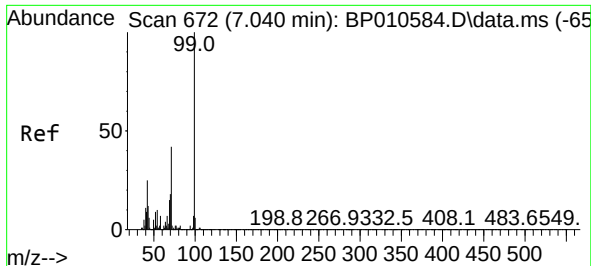
Tgt Ion:152 Resp: 115429
Ion Ratio Lower Upper
152 100
150 152.8 123.4 185.2
115 65.8 51.3 76.9



#5
2-Fluorophenol
Concen: 168.941 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.000 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:112 Resp: 1068938
Ion Ratio Lower Upper
112 100
64 68.1 56.9 85.3
63 36.3 31.2 46.8

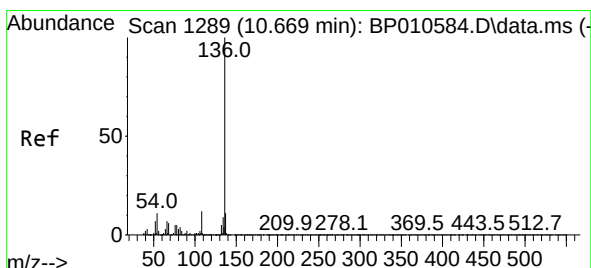
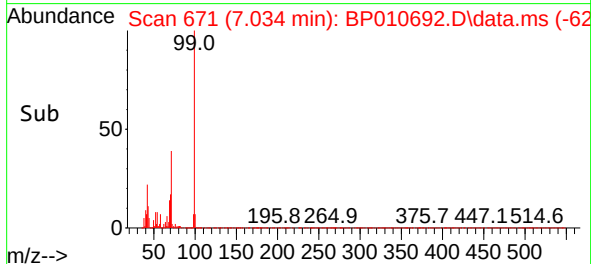
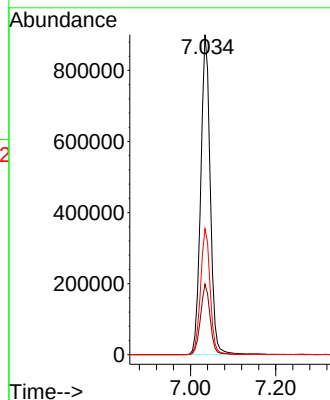
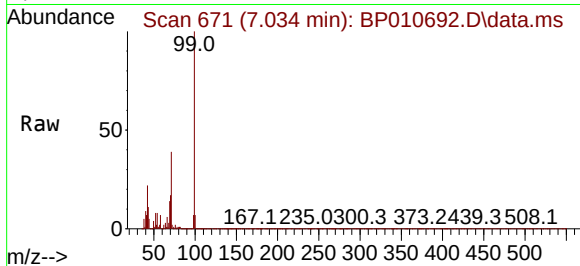




#7
Phenol-d6
Concen: 155.861 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

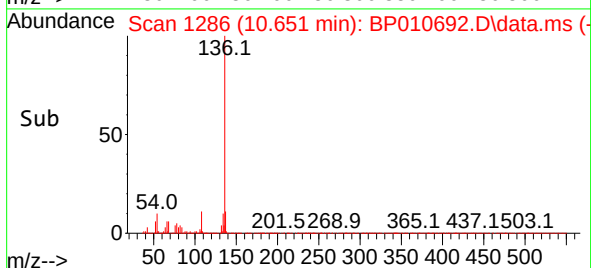
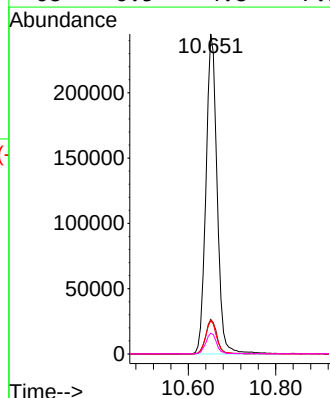
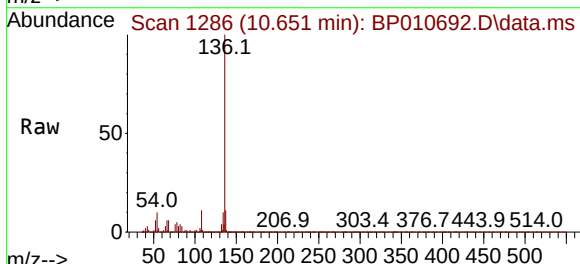
Instrument :
BNA_P
ClientSampleId :
20220416-COMPOSITE-E

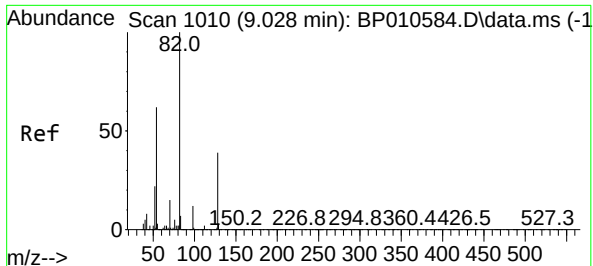
Tgt Ion: 99 Resp: 1400033
Ion Ratio Lower Upper
99 100
42 22.0 20.3 30.5
71 39.3 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion: 136 Resp: 435184
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.4 8.7 13.1
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.780 ng

RT: 9.016 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BP010692.D

Acq: 03 Jun 2022 14:49

Instrument :

BNA_P

ClientSampleId :

20220416-COMPOSITE-E

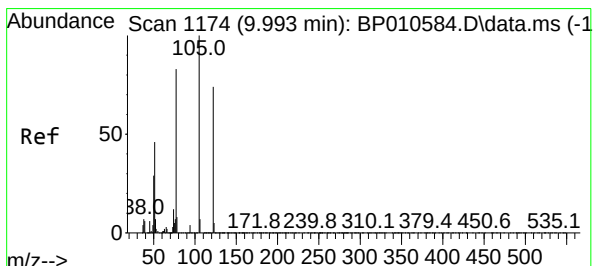
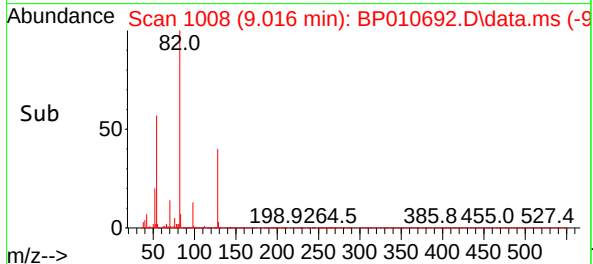
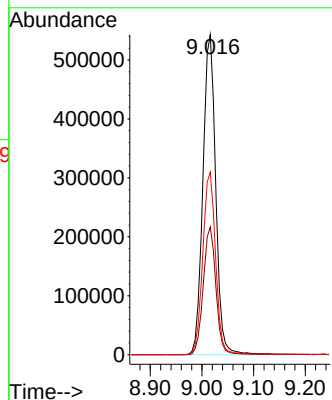
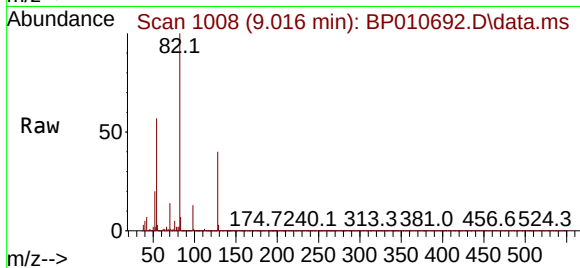
Tgt Ion: 82 Resp: 936859

Ion Ratio Lower Upper

82 100

128 40.0 31.3 46.9

54 57.0 49.8 74.8



#32

Benzoic acid

Concen: 7.343 ng

RT: 10.045 min Scan# 1183

Delta R.T. 0.023 min

Lab File: BP010692.D

Acq: 03 Jun 2022 14:49

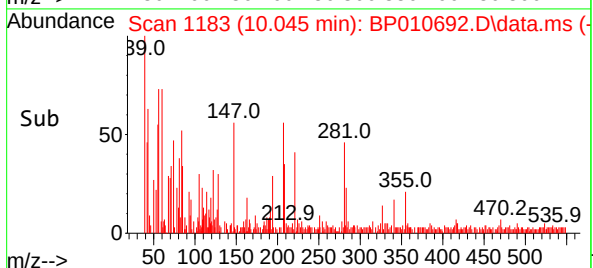
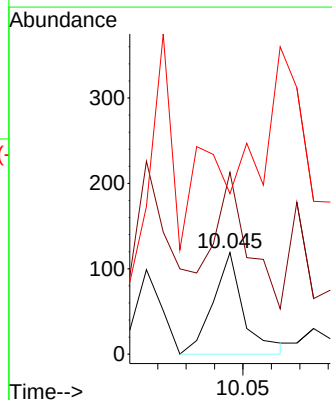
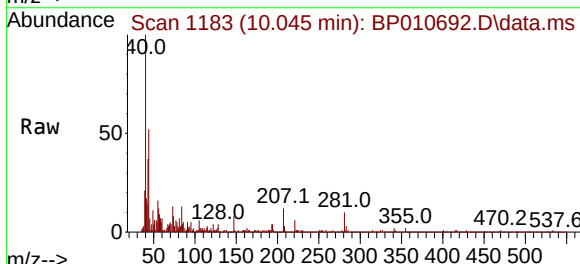
Tgt Ion: 122 Resp: 90

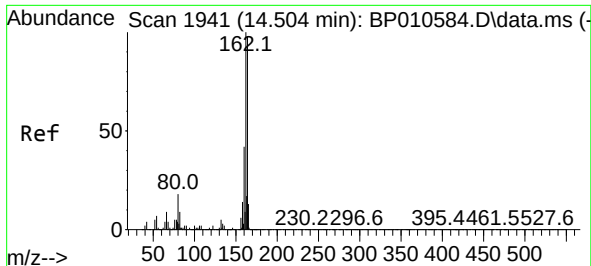
Ion Ratio Lower Upper

122 100

105 169.0 112.6 152.6#

77 149.2 90.2 130.2#

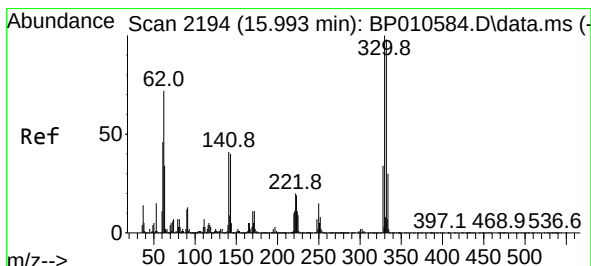
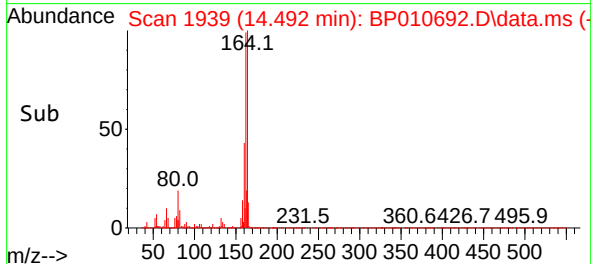
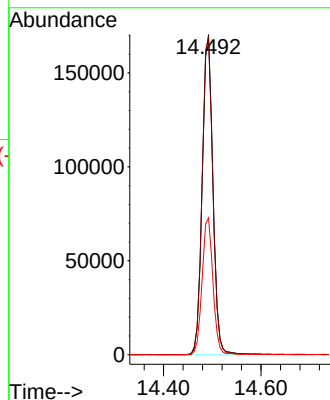
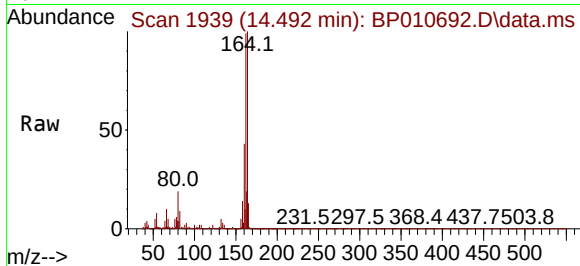




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

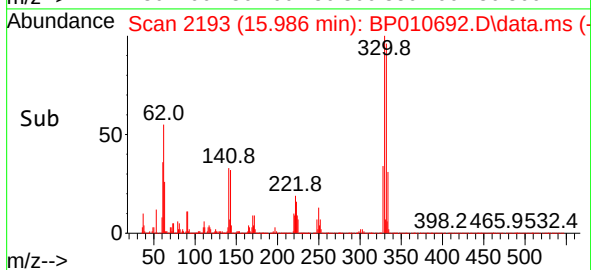
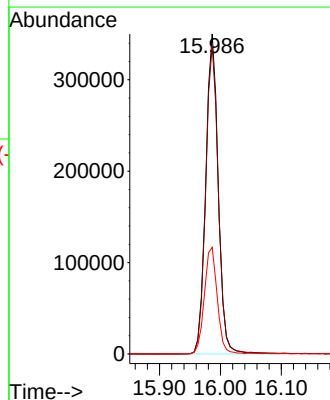
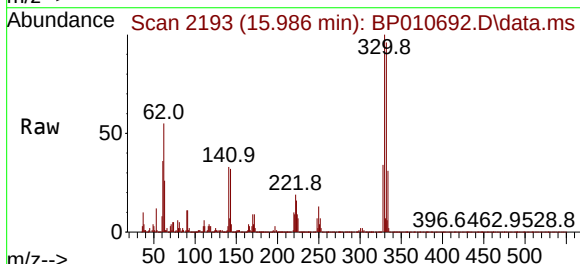
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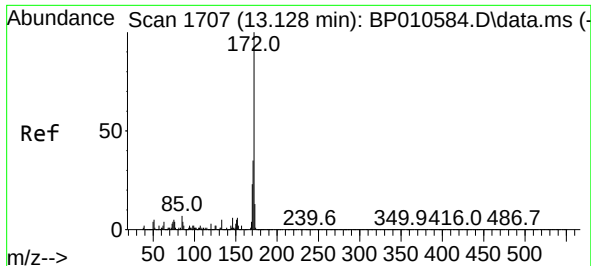
Tgt Ion:164 Resp: 259714
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 42.7 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 170.278 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:330 Resp: 500591
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 34.5 31.4 47.2

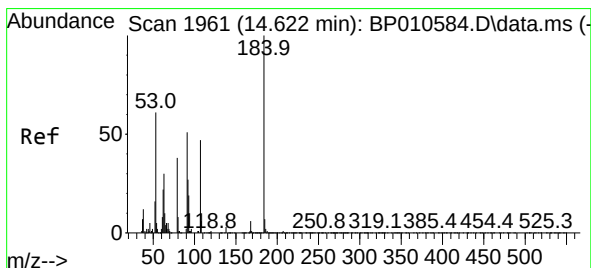
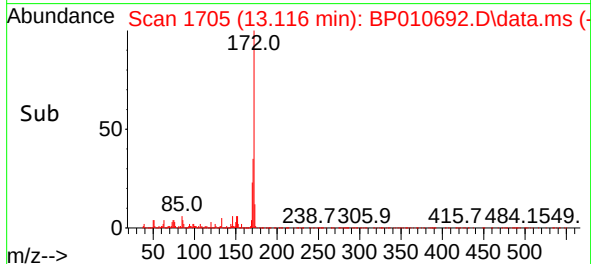
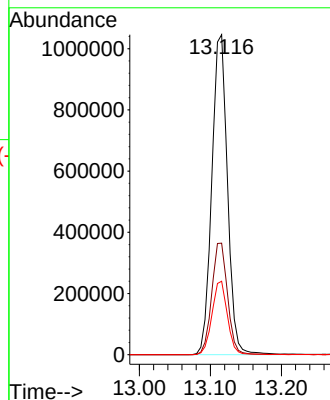
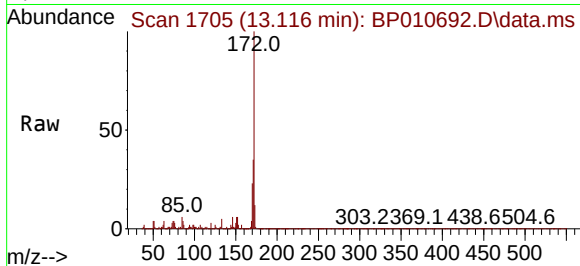




#45
2-Fluorobiphenyl
Concen: 87.459 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

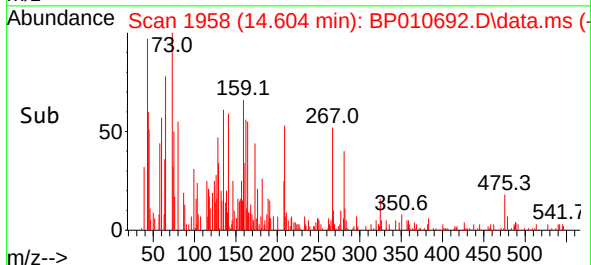
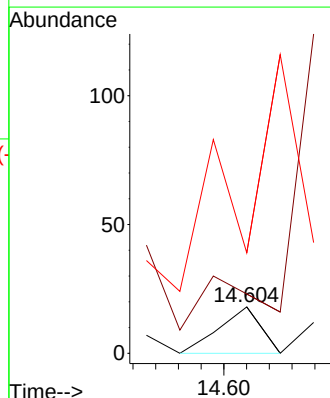
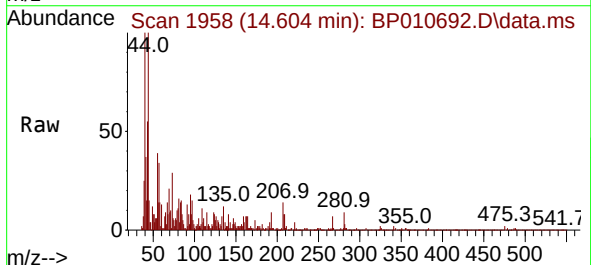
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ClientSampleId :
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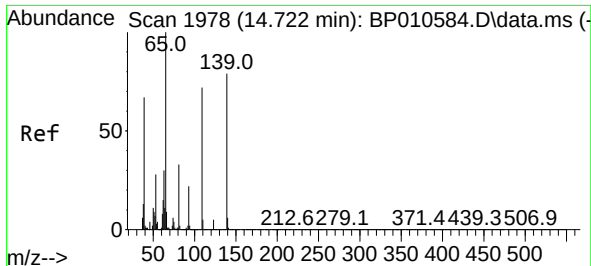
Tgt Ion:172 Resp: 1600453
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.0 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.649 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 127.8 65.4 98.2#
154 216.7 55.4 83.2#

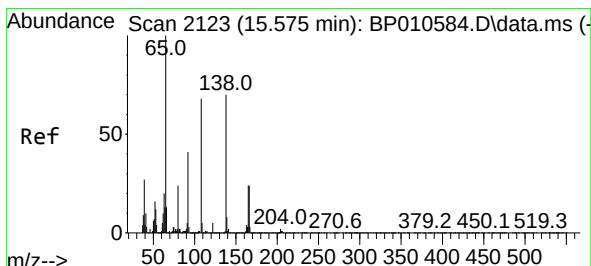
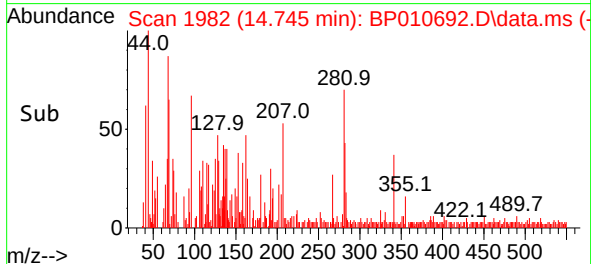
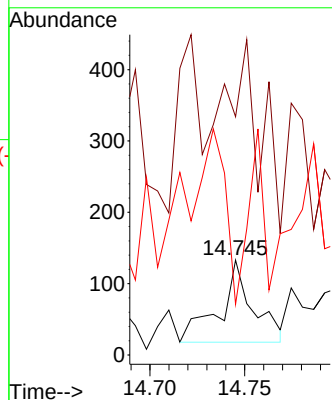
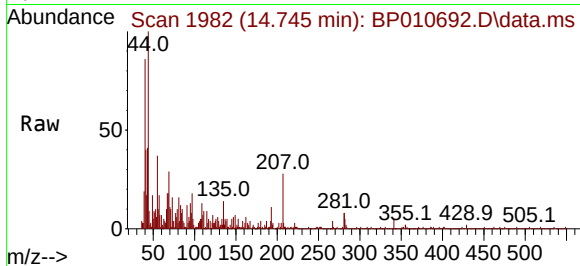




#56
4-Nitrophenol
Concen: 3.638 ng
RT: 14.745 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

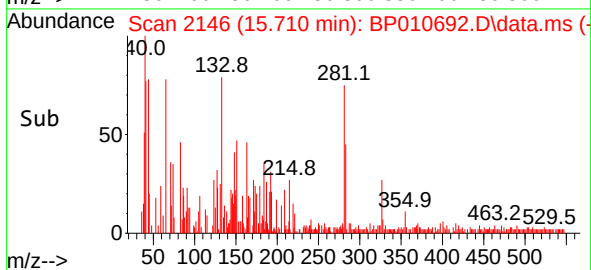
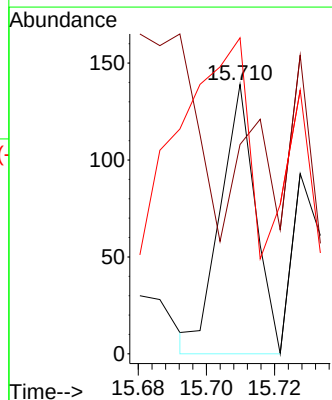
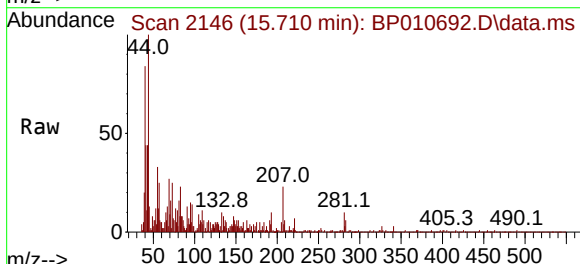
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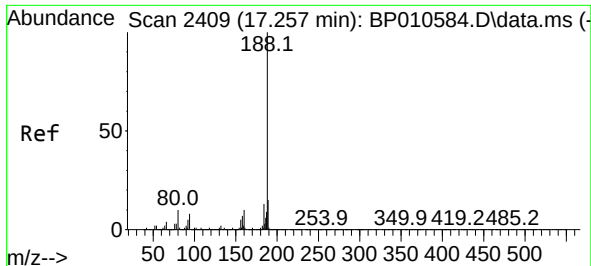
Tgt Ion:139 Resp: 142
Ion Ratio Lower Upper
139 100
109 251.1 70.6 110.6#
65 53.4 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.156 ng
RT: 15.710 min Scan# 2146
Delta R.T. 0.135 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:138 Resp: 99
Ion Ratio Lower Upper
138 100
92 77.7 38.0 78.0
108 117.3 77.6 117.6

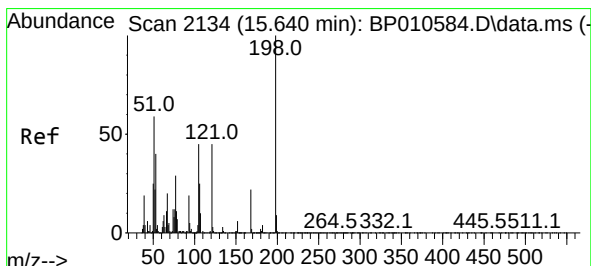
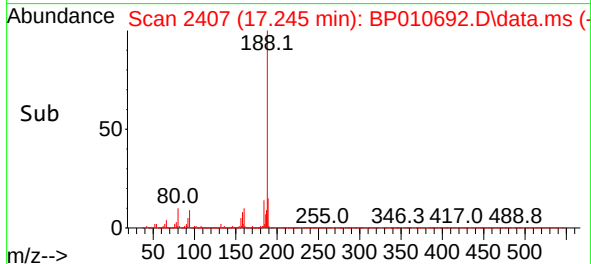
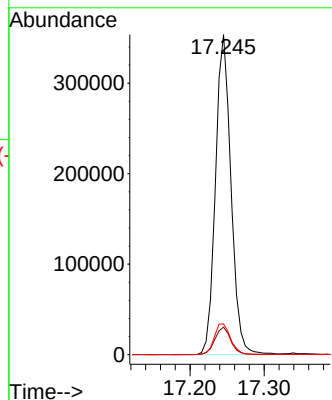
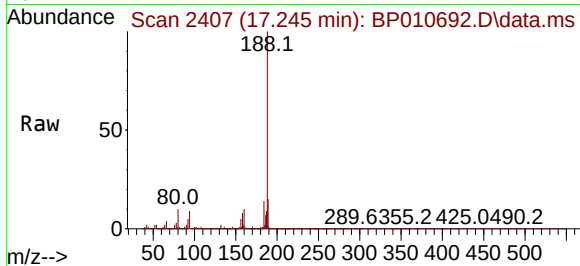




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

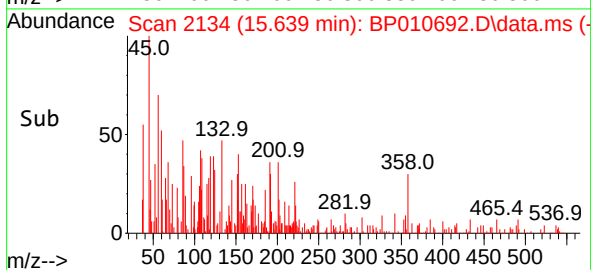
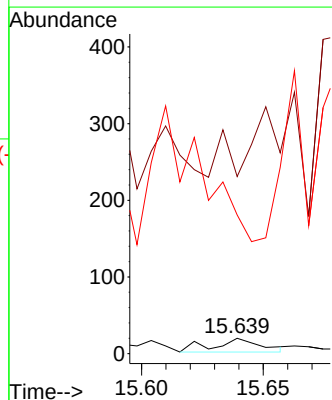
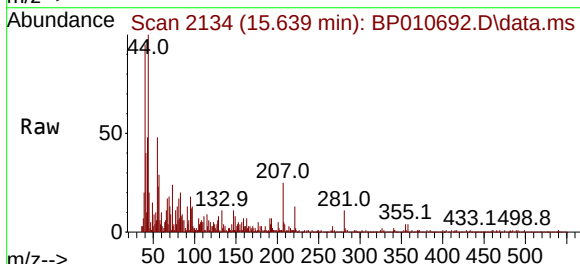
Instrument :
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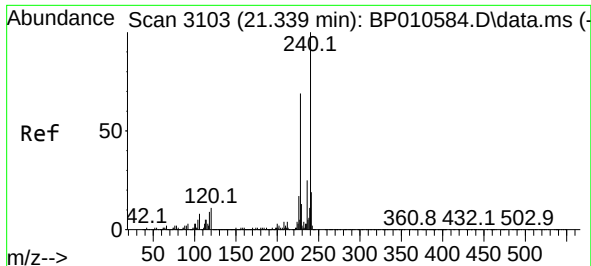
Tgt Ion:188 Resp: 514066
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.6 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.609 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 1155.0 41.2 81.2#
105 905.0 25.3 65.3#

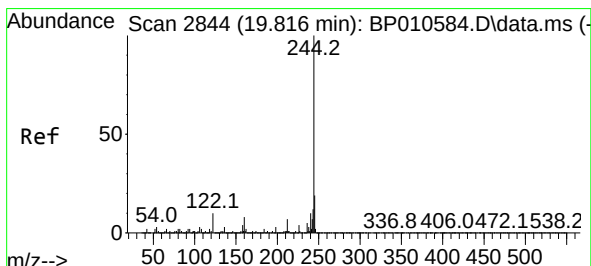
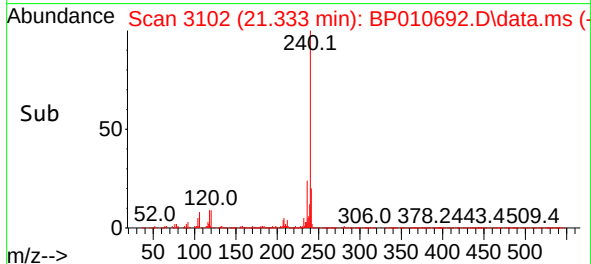
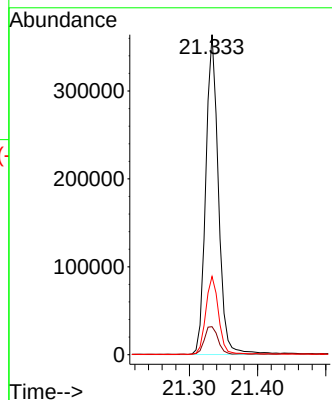
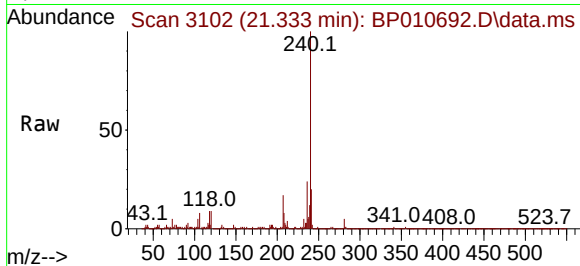




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

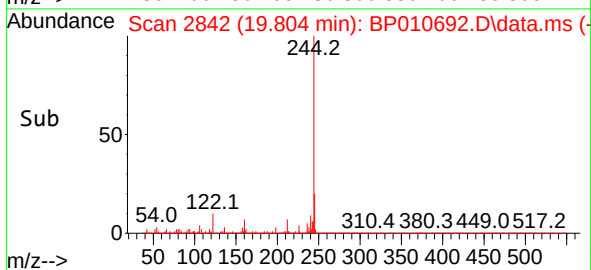
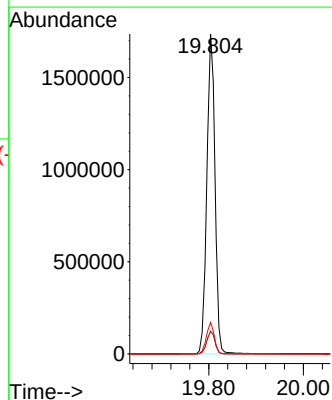
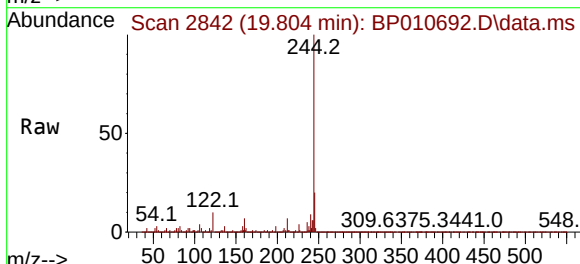
Instrument :
BNA_P
ClientSampleId :
20220416-COMPOSITE-E

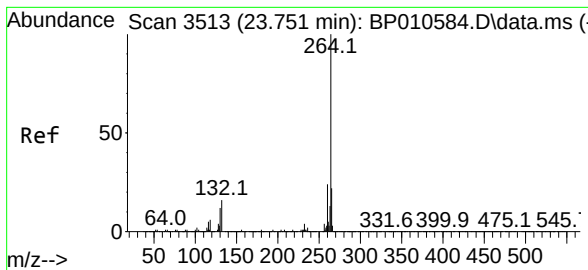
Tgt Ion:240 Resp: 471241
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 24.5 19.8 29.6



#79
Terphenyl-d14
Concen: 82.596 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP010692.D
Acq: 03 Jun 2022 14:49

Tgt Ion:244 Resp: 2072214
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.8 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP010692.D

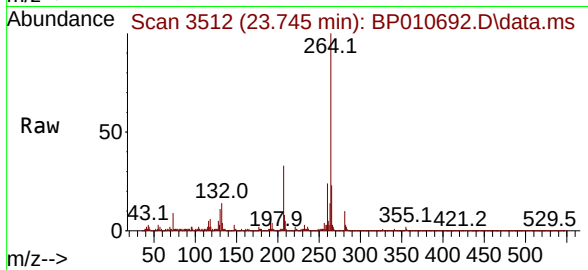
Acq: 03 Jun 2022 14:49

Instrument :

BNA_P

ClientSampleId :

20220416-COMPOSITE-E



Tgt Ion:264 Resp: 547576

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 23.4 18.0 27.0

