

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014119.D
 Acq On : 17 Mar 2023 14:02
 Operator : CG/JU
 Sample : 01924-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT26700

Quant Time: Mar 18 00:23:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

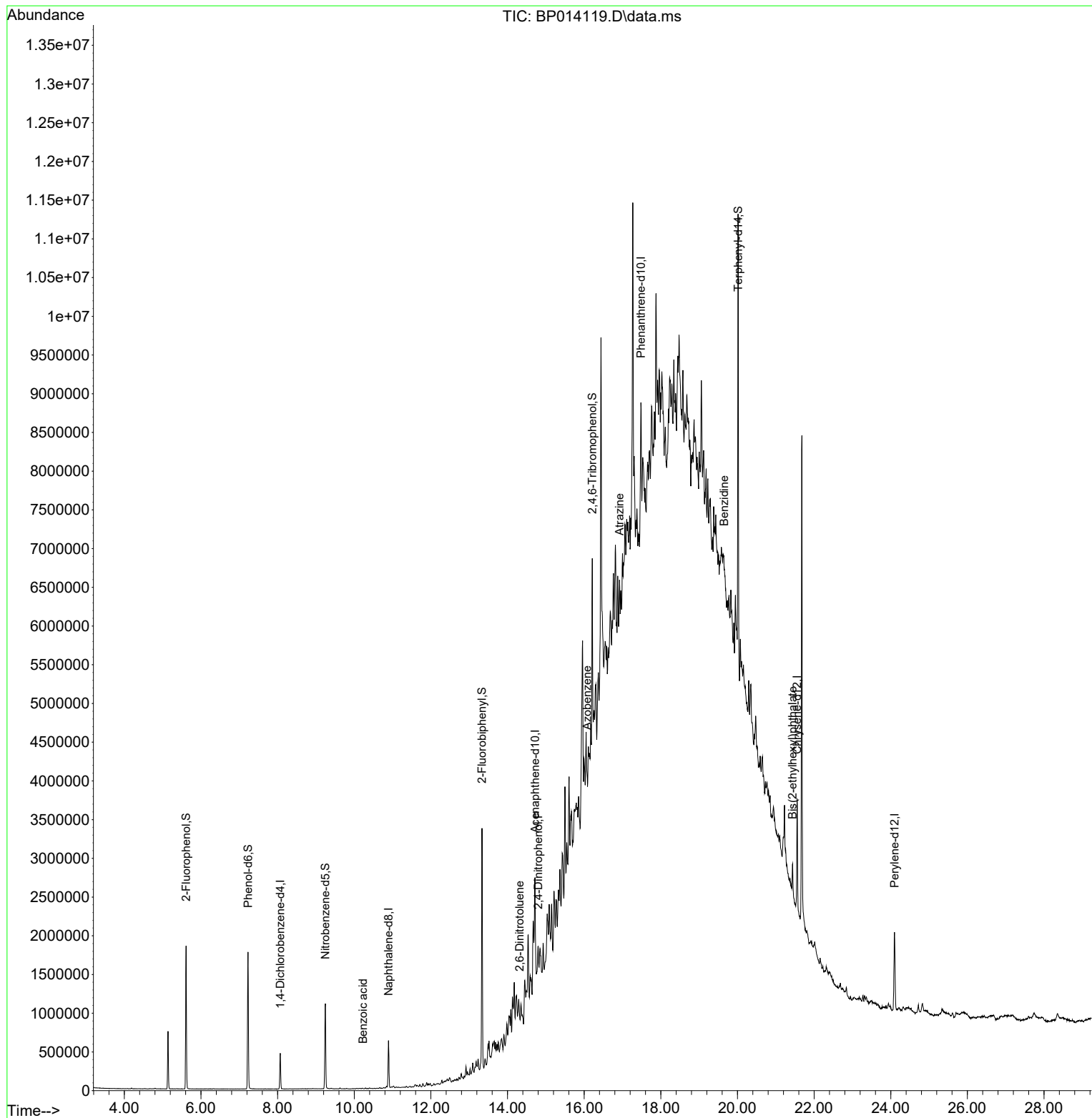
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	117439	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	478497	20.000	ng	# 0.00
39) Acenaphthene-d10	14.716	164	306125	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	659854	20.000	ng	# 0.01
76) Chrysene-d12	21.557	240	708769	20.000	ng	0.00
86) Perylene-d12	24.098	264	850752	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	738346	101.960	ng	0.00
7) Phenol-d6	7.228	99	960166	100.990	ng	0.00
23) Nitrobenzene-d5	9.246	82	644698	61.581	ng	0.00
42) 2,4,6-Tribromophenol	16.210	330	510847	102.924	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	1494269	63.240	ng	0.00
79) Terphenyl-d14	20.016	244	2698465	62.780	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.228	122	85	2.714	ng	# 1
51) 2,6-Dinitrotoluene	14.316	165	11520	2.166	ng	# 28
54) 2,4-Dinitrophenol	14.804	184	1251	3.383	ng	# 1
63) Azobenzene	16.075	77	69786	3.025	ng	# 30
69) Atrazine	16.922	200	16538	2.259	ng	# 1
77) Benzidine	19.651	184	2195	2.961	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.439	149	107148	3.541	ng	# 89

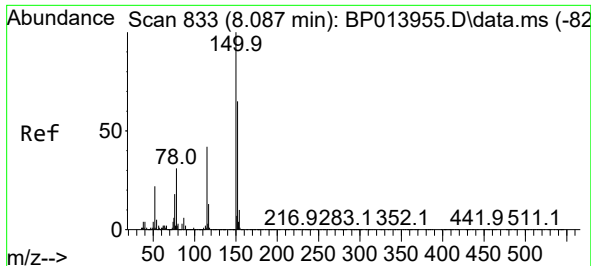
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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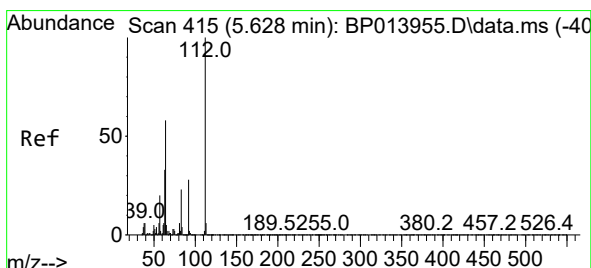
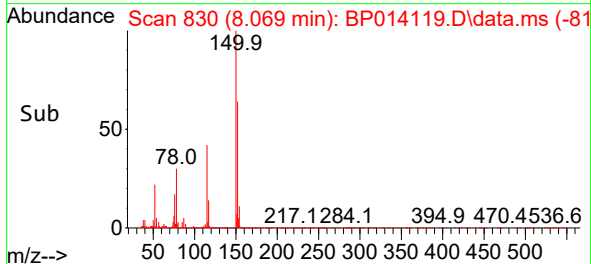
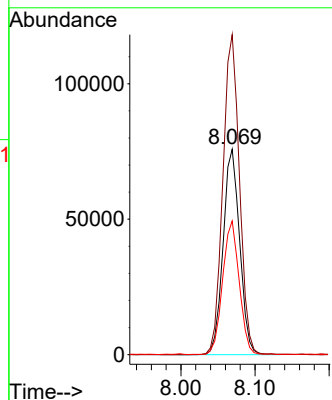
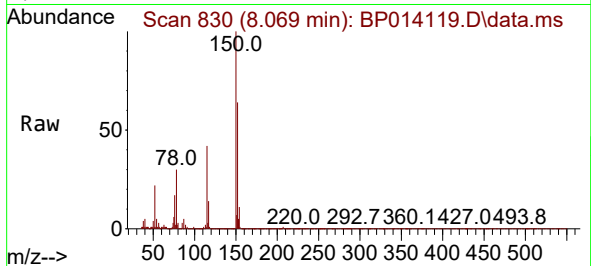




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

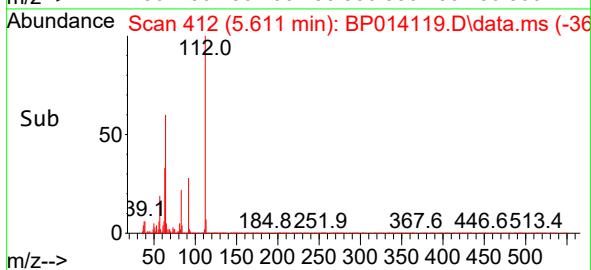
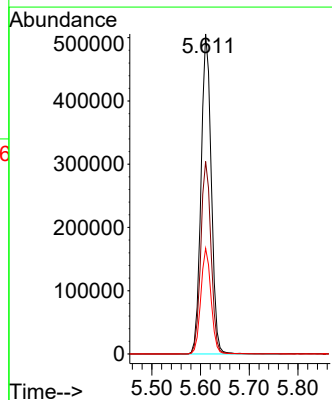
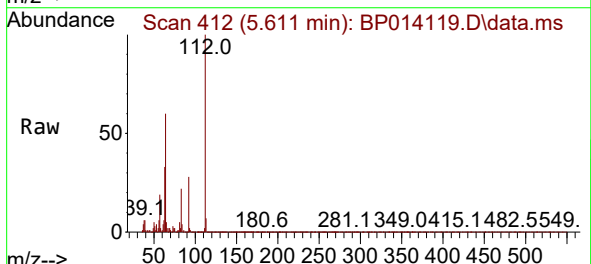
Instrument :
BNA_P
ClientSampleId :
CHRT26700

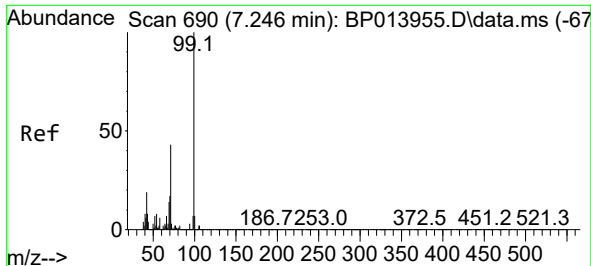
Tgt Ion:152 Resp: 117439
Ion Ratio Lower Upper
152 100
150 155.8 122.3 183.5
115 65.2 51.6 77.4



#5
2-Fluorophenol
Concen: 101.960 ng
RT: 5.611 min Scan# 412
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

Tgt Ion:112 Resp: 738346
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 33.0 26.6 40.0

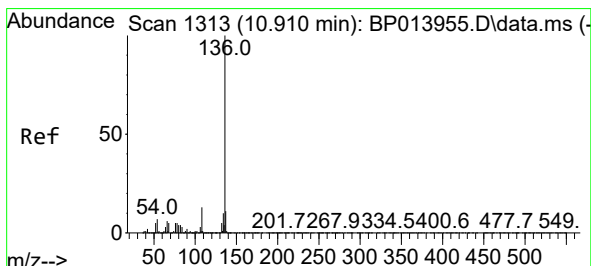
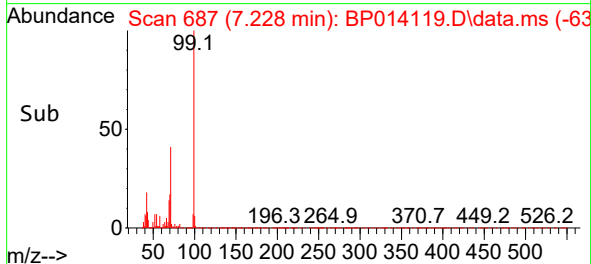
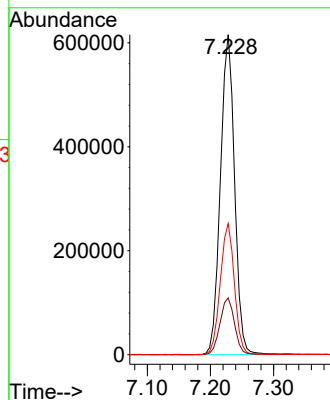
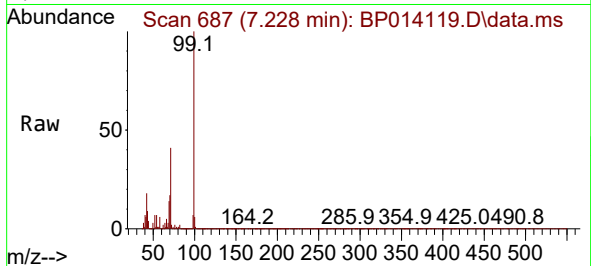




#7
Phenol-d6
Concen: 100.990 ng
RT: 7.228 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

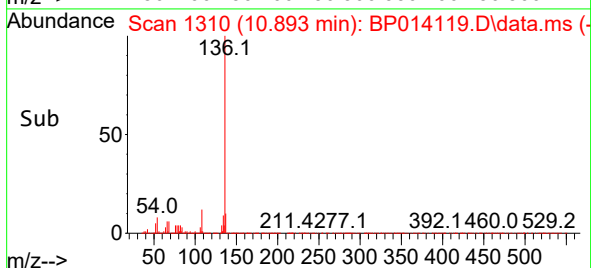
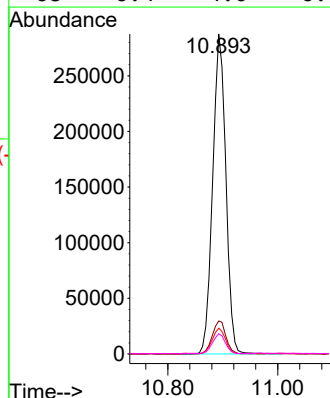
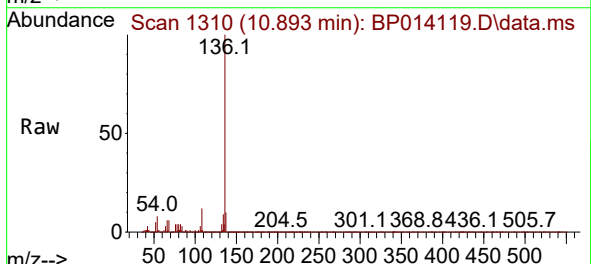
Instrument :
BNA_P
ClientSampleId :
CHRT26700

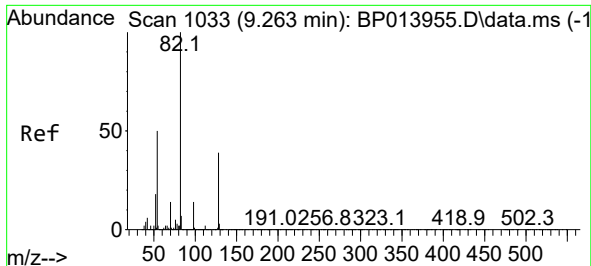
Tgt Ion: 99 Resp: 960166
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.6
71 41.0 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

Tgt Ion: 136 Resp: 478497
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 8.0 5.8 8.8
68 6.4 4.0 6.0#





#23

Nitrobenzene-d5

Concen: 61.581 ng

RT: 9.246 min Scan# 1103

Delta R.T. 0.006 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

Instrument :

BNA_P

ClientSampleId :

CHRT26700

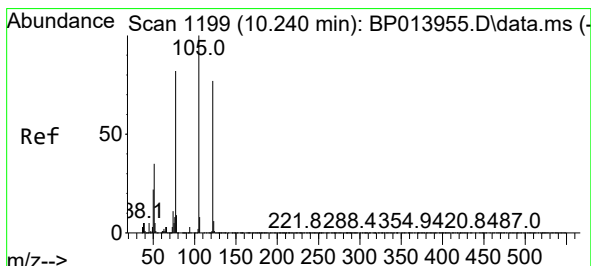
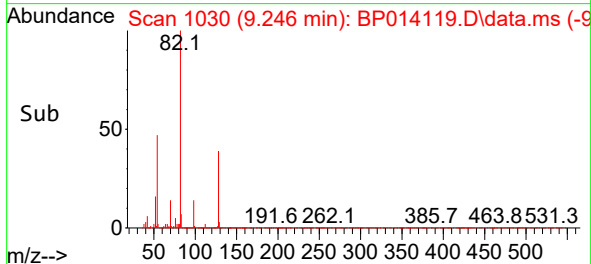
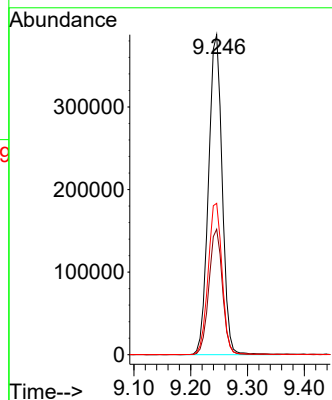
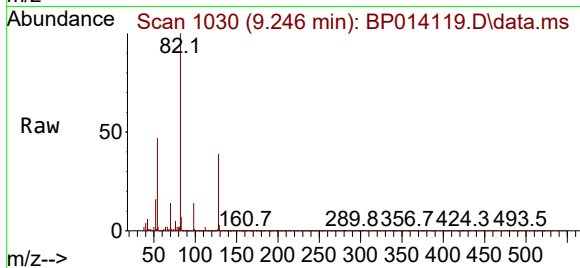
Tgt Ion: 82 Resp: 644698

Ion Ratio Lower Upper

82 100

128 39.2 31.1 46.7

54 47.3 40.0 60.0



#32

Benzoic acid

Concen: 2.714 ng

RT: 10.228 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

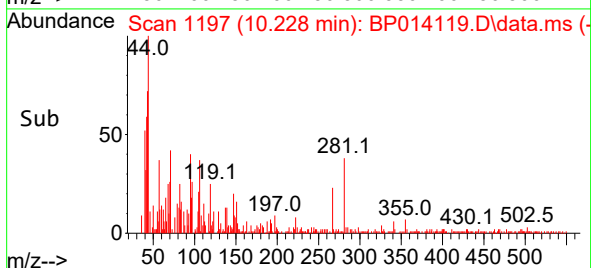
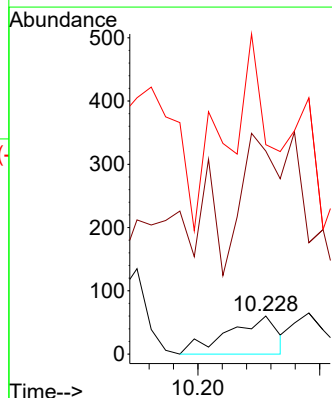
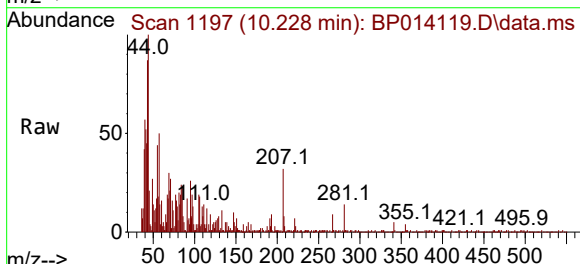
Tgt Ion:122 Resp: 85

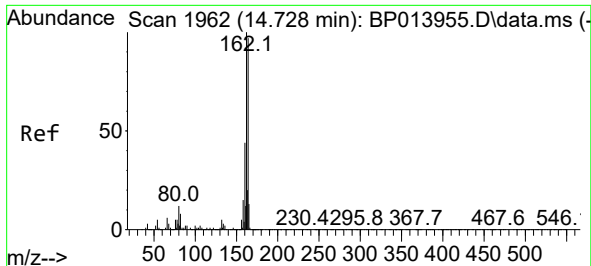
Ion Ratio Lower Upper

122 100

105 535.0 108.2 148.2#

77 551.7 85.2 125.2#

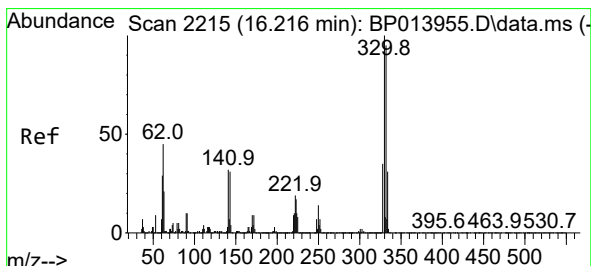
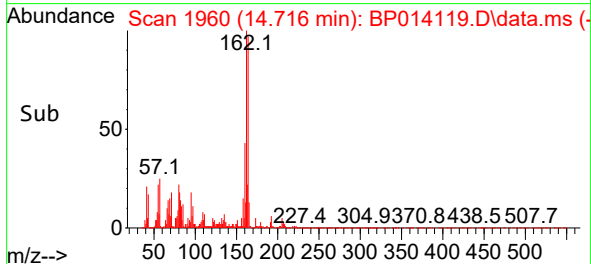
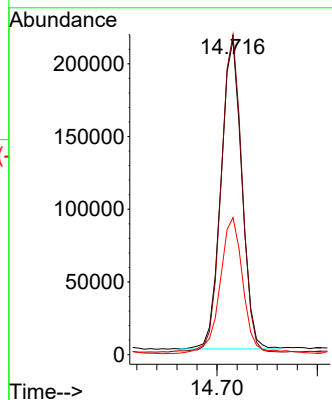
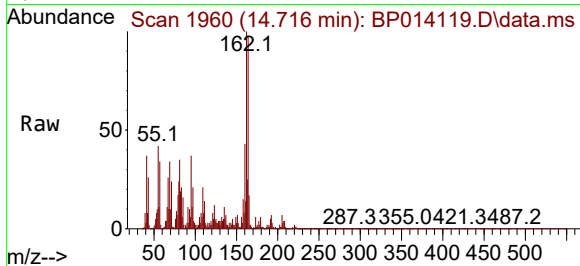




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

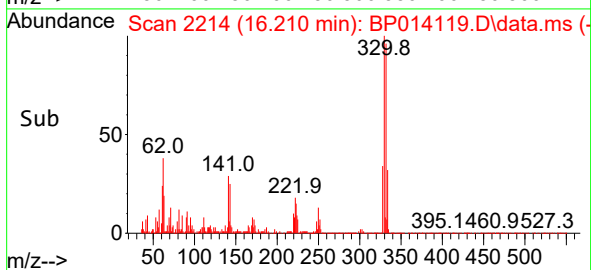
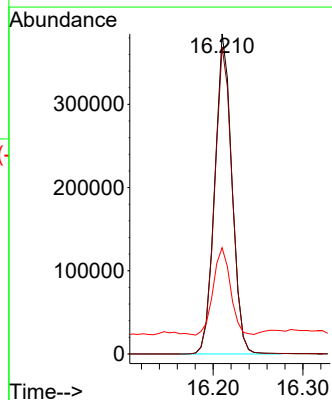
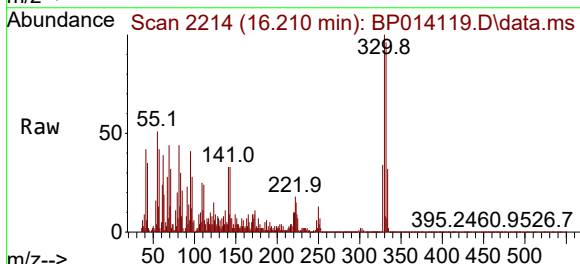
Instrument :
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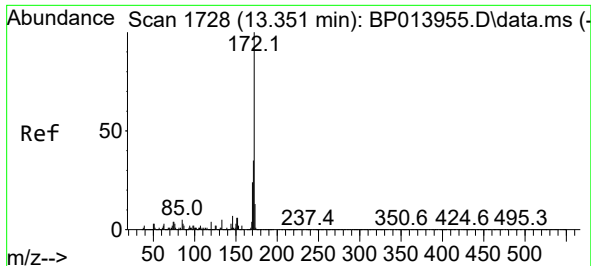
Tgt Ion:164 Resp: 306125
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 43.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 102.924 ng
RT: 16.210 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

Tgt Ion:330 Resp: 510847
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 27.3 25.6 38.4

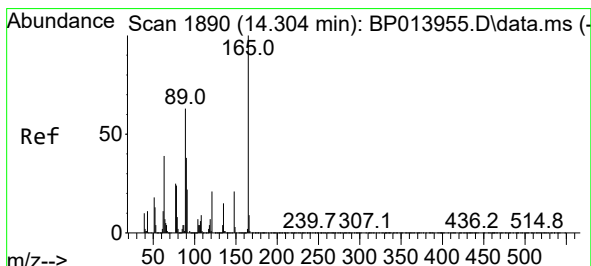
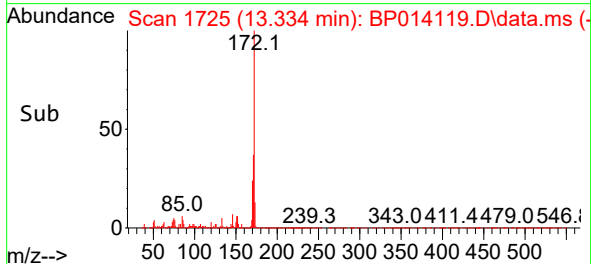
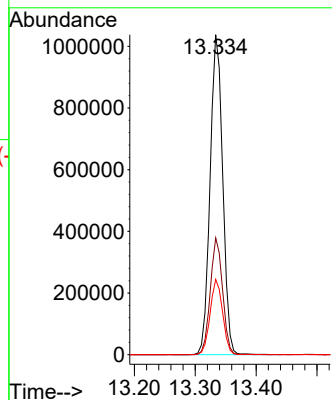
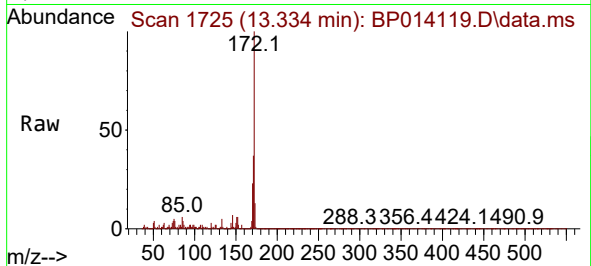




#45
2-Fluorobiphenyl
Concen: 63.240 ng
RT: 13.334 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

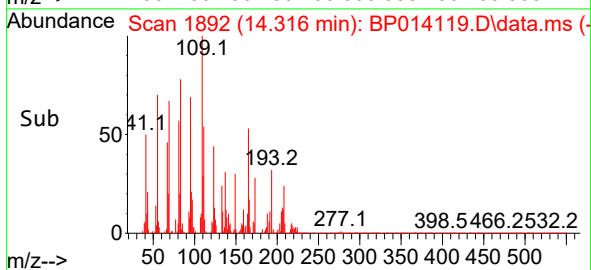
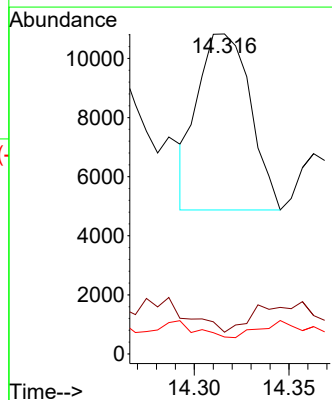
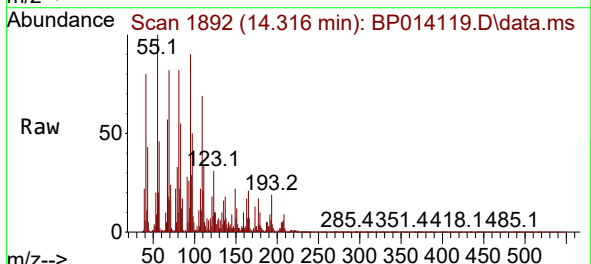
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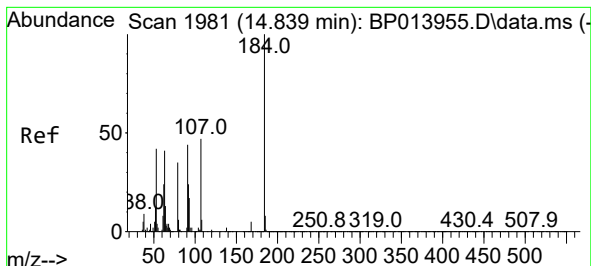
Tgt Ion:172 Resp: 1494269
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 23.5 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 2.166 ng
RT: 14.316 min Scan# 1892
Delta R.T. 0.029 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

Tgt Ion:165 Resp: 11520
Ion Ratio Lower Upper
165 100
63 6.8 46.7 70.1#
89 5.3 50.8 76.2#

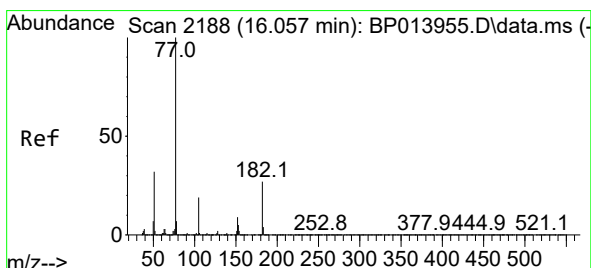
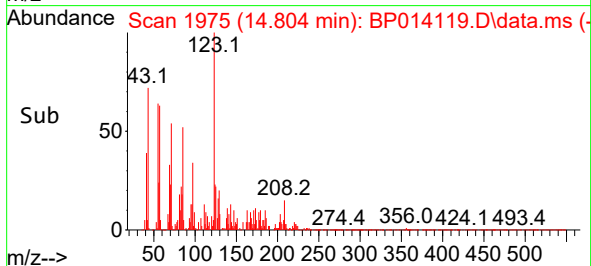
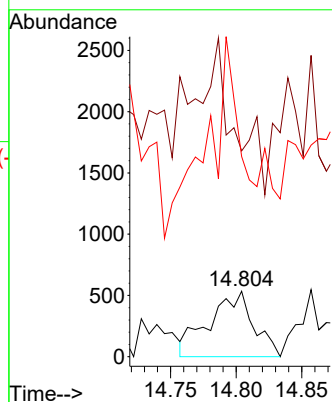
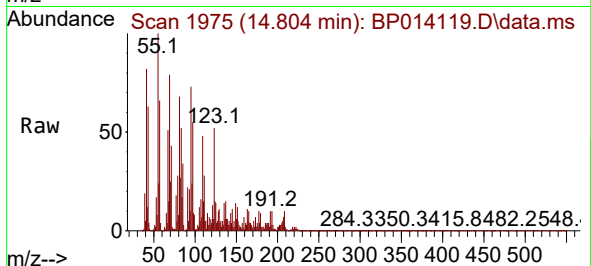




#54
2,4-Dinitrophenol
Concen: 3.383 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

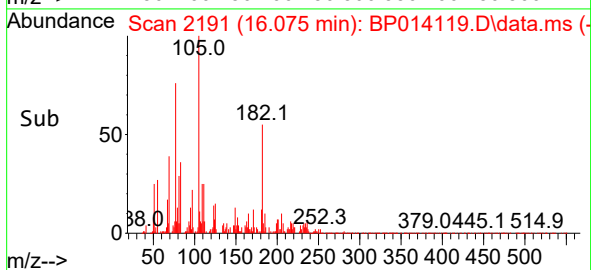
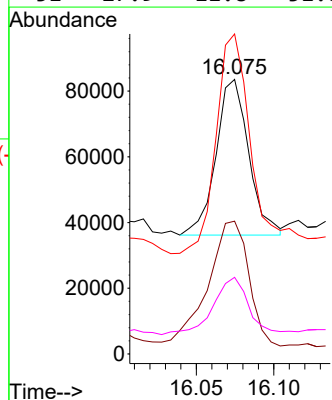
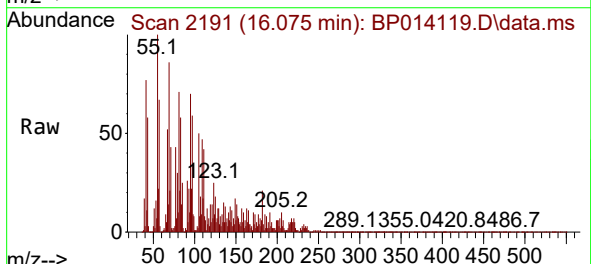
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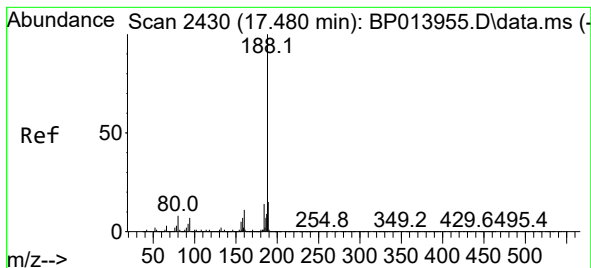
Tgt Ion:184 Resp: 1251
Ion Ratio Lower Upper
184 100
63 314.6 52.4 78.6#
154 306.0 59.4 89.2#



#63
Azobenzene
Concen: 3.025 ng
RT: 16.075 min Scan# 2191
Delta R.T. 0.035 min
Lab File: BP014119.D
Acq: 17 Mar 2023 14:02

Tgt Ion: 77 Resp: 69786
Ion Ratio Lower Upper
77 100
182 48.3 6.9 46.9#
105 116.5 0.0 39.4#
51 27.9 11.8 51.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.480 min Scan# 2430

Delta R.T. 0.012 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

Instrument :

BNA_P

ClientSampleId :

CHRT26700

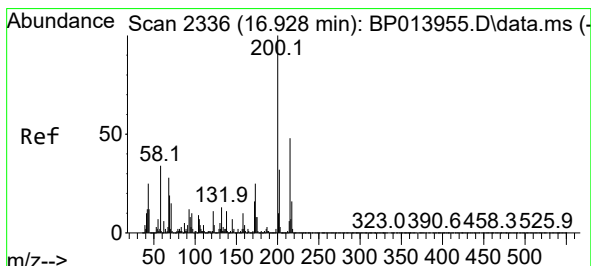
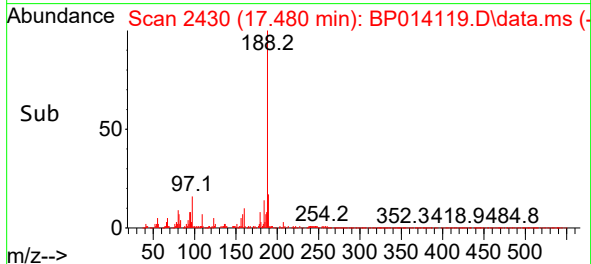
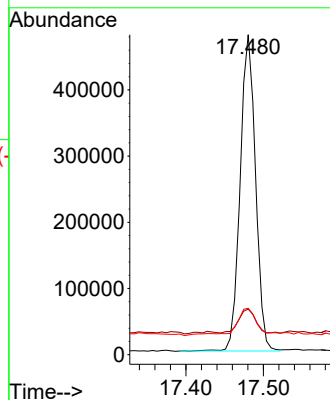
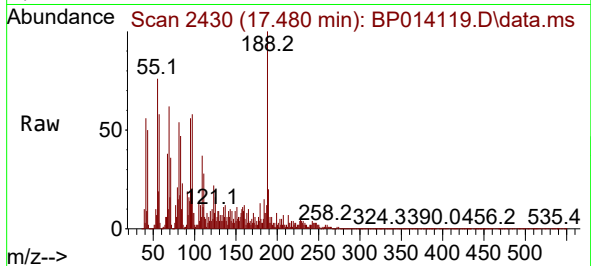
Tgt Ion:188 Resp: 659854

Ion Ratio Lower Upper

188 100

94 14.2 5.8 8.6#

80 14.5 6.6 9.8#



#69

Atrazine

Concen: 2.259 ng

RT: 16.922 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

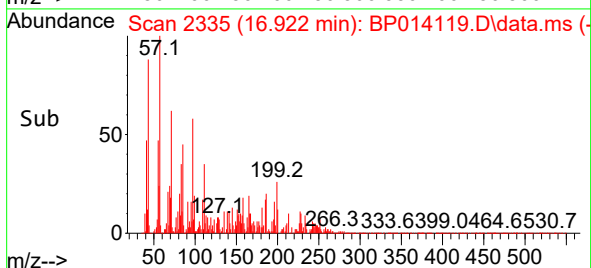
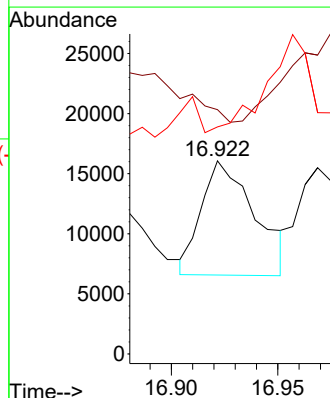
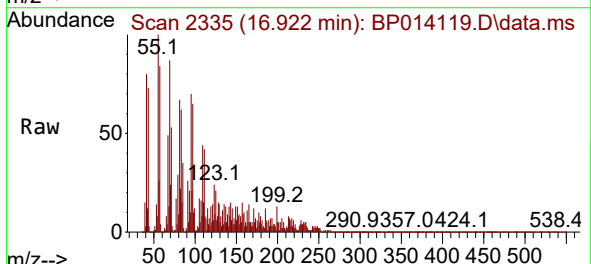
Tgt Ion:200 Resp: 16538

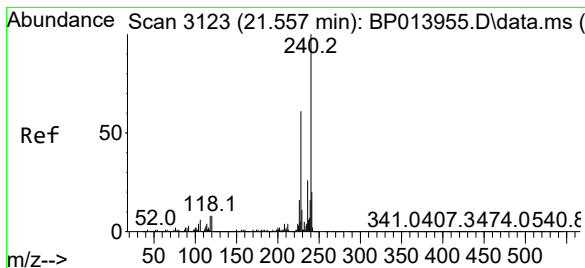
Ion Ratio Lower Upper

200 100

173 126.5 5.5 45.5#

215 117.6 27.9 67.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.557 min Scan# 3123

Delta R.T. 0.006 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

Instrument :

BNA_P

ClientSampleId :

CHRT26700

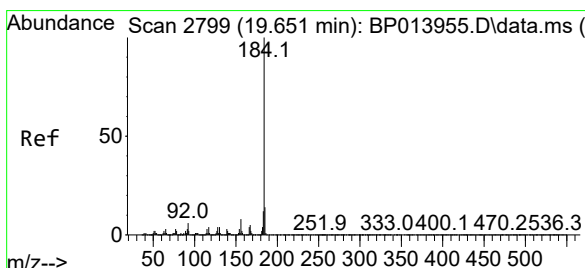
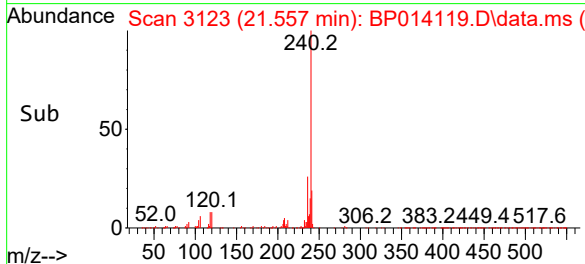
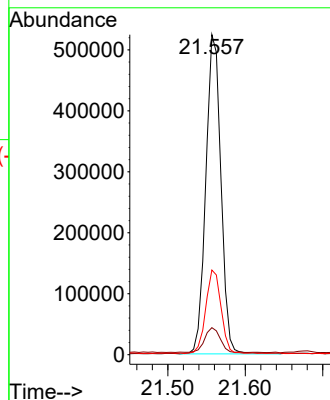
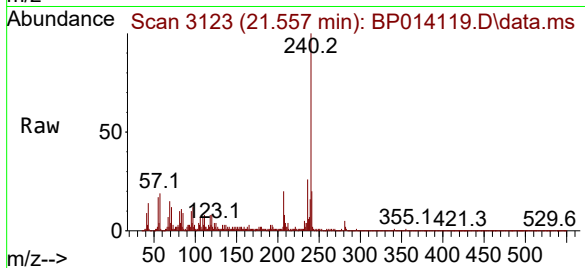
Tgt Ion:240 Resp: 708769

Ion Ratio Lower Upper

240 100

120 8.5 6.4 9.6

236 26.5 21.2 31.8



#77

Benzidine

Concen: 2.961 ng

RT: 19.651 min Scan# 2799

Delta R.T. 0.006 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

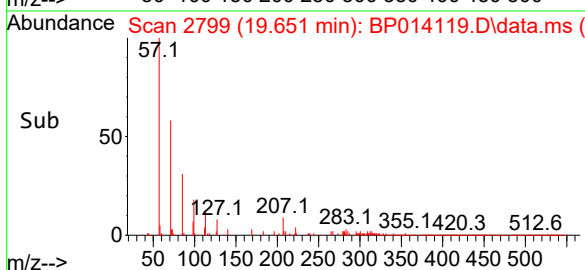
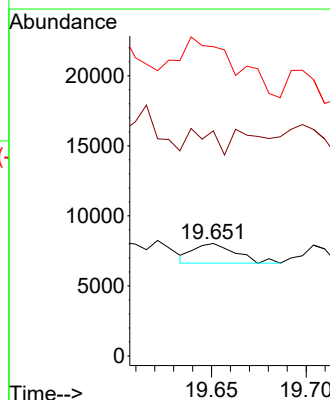
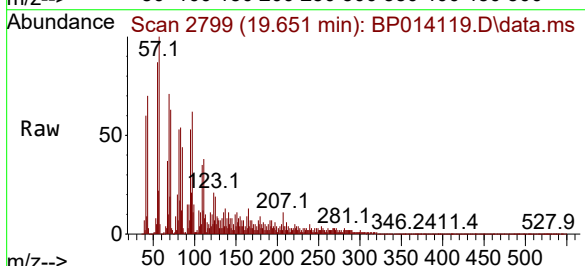
Tgt Ion:184 Resp: 2195

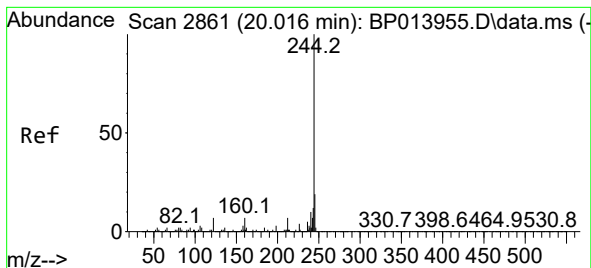
Ion Ratio Lower Upper

184 100

185 200.1 11.6 17.4#

183 274.9 9.7 14.5#





#79

Terphenyl-d14

Concen: 62.780 ng

RT: 20.016 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

Instrument :

BNA_P

ClientSampleId :

CHRT26700

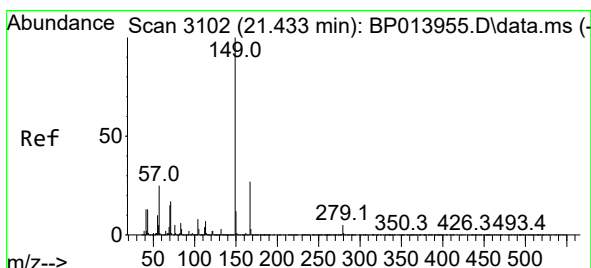
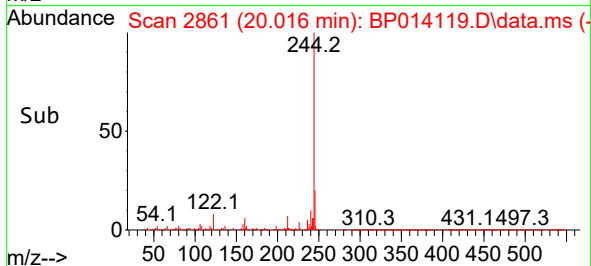
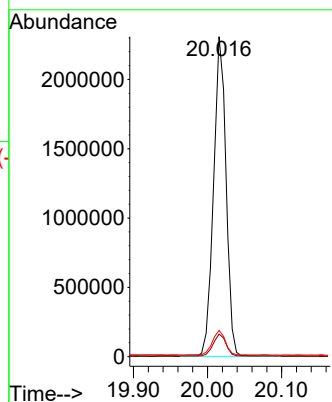
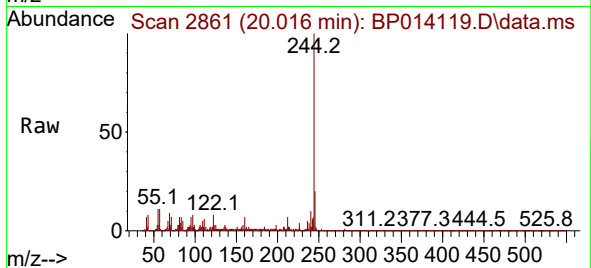
Tgt Ion:244 Resp: 2698465

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.2 5.8 8.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.541 ng

RT: 21.439 min Scan# 3103

Delta R.T. 0.012 min

Lab File: BP014119.D

Acq: 17 Mar 2023 14:02

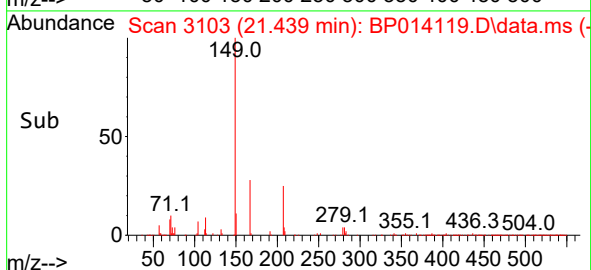
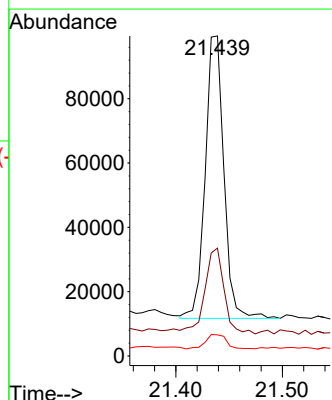
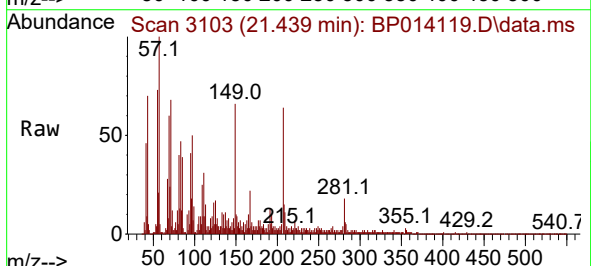
Tgt Ion:149 Resp: 107148

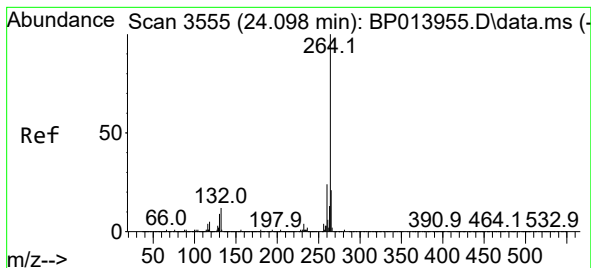
Ion Ratio Lower Upper

149 100

167 33.7 21.8 32.6#

279 6.6 4.0 6.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.098 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP014119.D

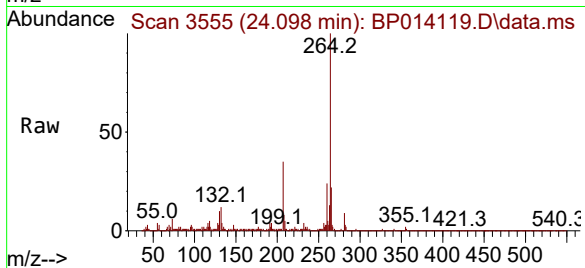
Acq: 17 Mar 2023 14:02

Instrument :

BNA_P

ClientSampleId :

CHRT26700



Tgt Ion:264 Resp: 850752

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.9 17.8 26.8

