

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033122\
 Data File : BP009647.D
 Acq On : 31 Mar 2022 19:32
 Operator : CG/JU
 Sample : N2202-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHE

Quant Time: Apr 01 04:11:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

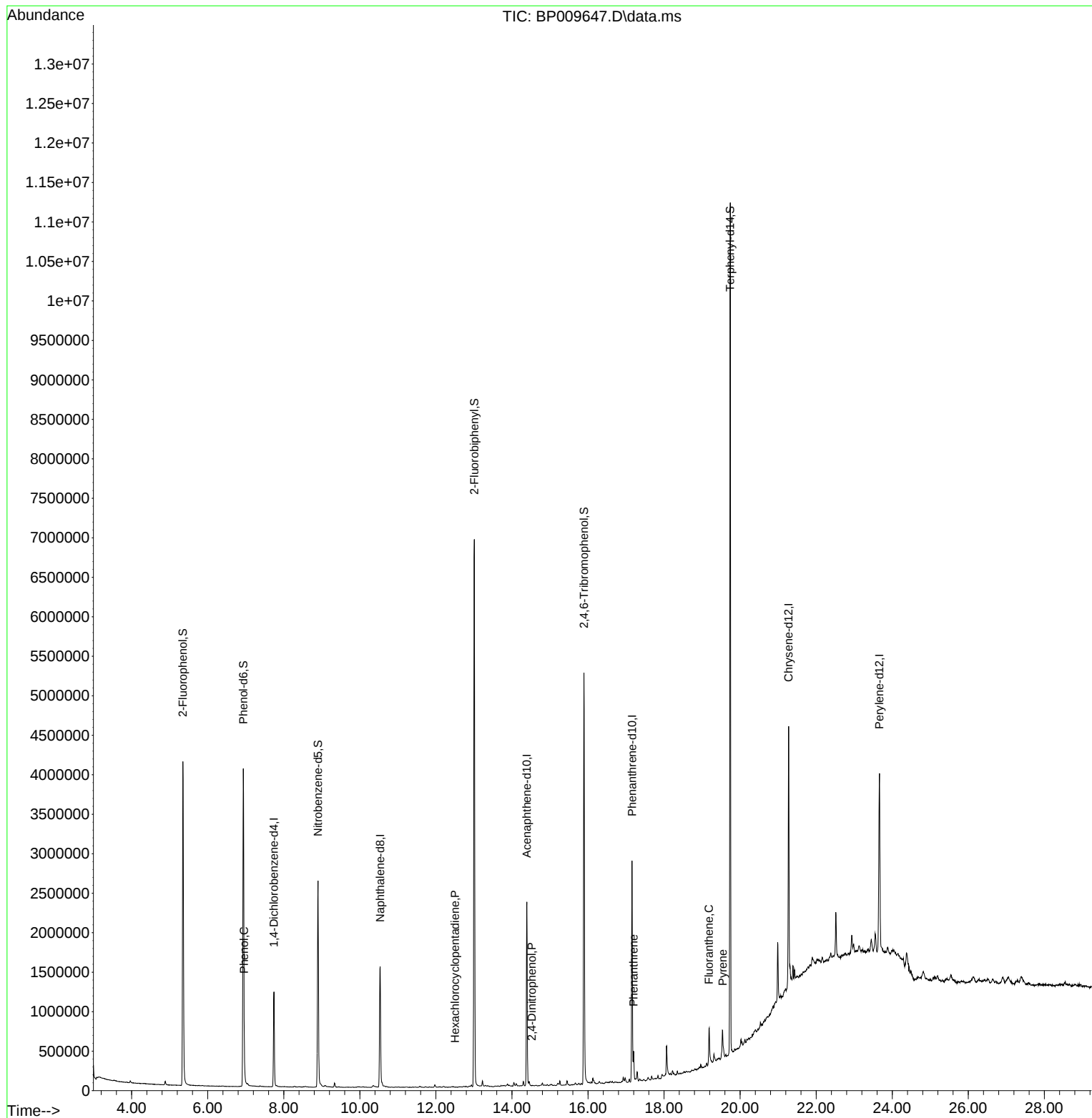
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	375079	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1490216	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	901892	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1787970	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1648625	20.000	ng	0.00
86) Perylene-d12	23.663	264	1827309	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2194909	102.169	ng	0.00
7) Phenol-d6	6.934	99	2810348	96.733	ng	0.00
23) Nitrobenzene-d5	8.899	82	1801073	64.226	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1176409	79.045	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4038745	62.079	ng	0.00
79) Terphenyl-d14	19.739	244	5561264	60.547	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.858	77	254	Below Cal	#	36
10) Phenol	6.958	94	73978	2.538	ng	# 61
41) Hexachlorocyclopentadiene	12.499	237	25	7.290	ng	90
54) 2,4-Dinitrophenol	14.522	184	45	4.537	ng	# 1
71) Phenanthrene	17.198	178	241887	2.527	ng	99
75) Fluoranthene	19.181	202	262537	2.266	ng	99
78) Pyrene	19.539	202	225659	2.077	ng	98

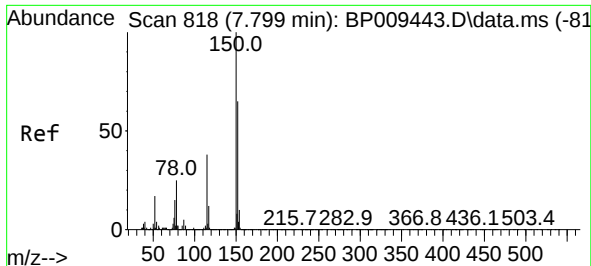
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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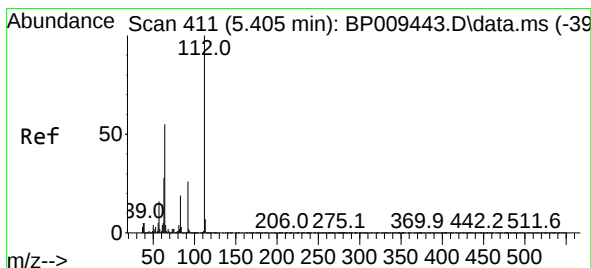
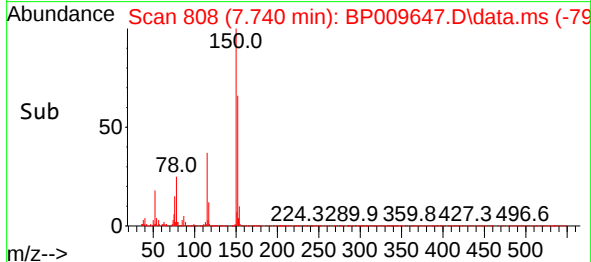
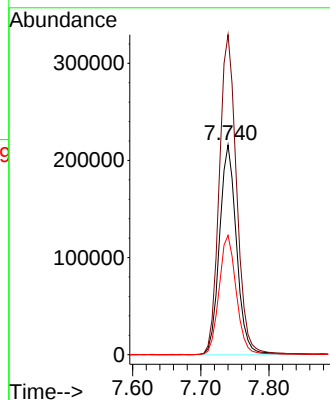
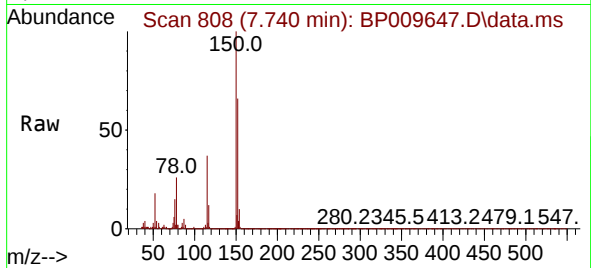




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009647.D
 Acq: 31 Mar 2022 19:32

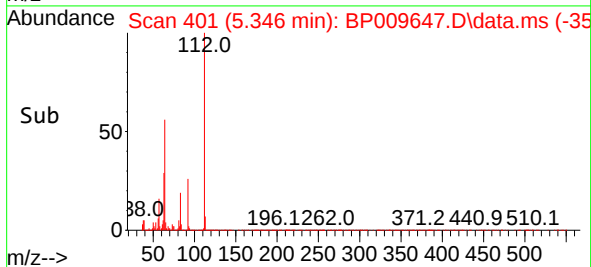
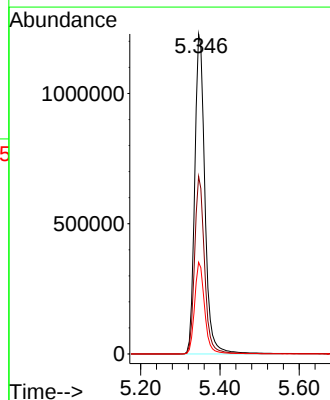
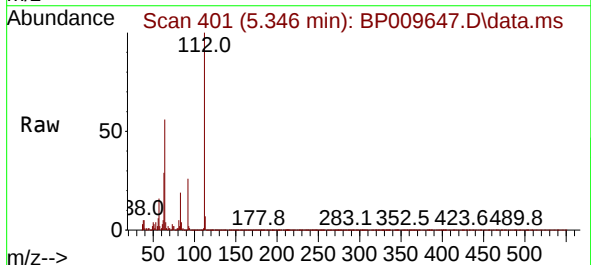
Instrument :
 BNA_P
 ClientSampleId :
 MHE

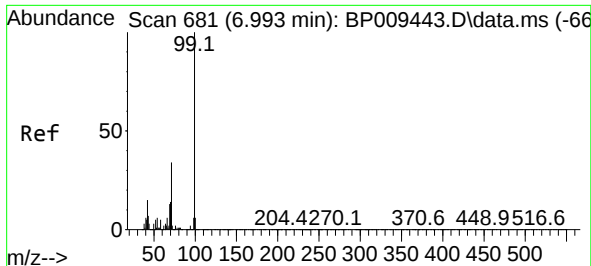
Tgt Ion:152 Resp: 375079
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.5 186.7
 115 56.9 48.2 72.4



#5
 2-Fluorophenol
 Concen: 102.169 ng
 RT: 5.346 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: BP009647.D
 Acq: 31 Mar 2022 19:32

Tgt Ion:112 Resp: 2194909
 Ion Ratio Lower Upper
 112 100
 64 55.5 45.0 67.4
 63 28.7 23.0 34.6





#7

Phenol-d6

Concen: 96.733 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP009647.D

Acq: 31 Mar 2022 19:32

Instrument :

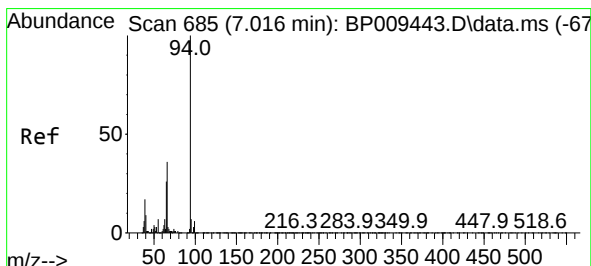
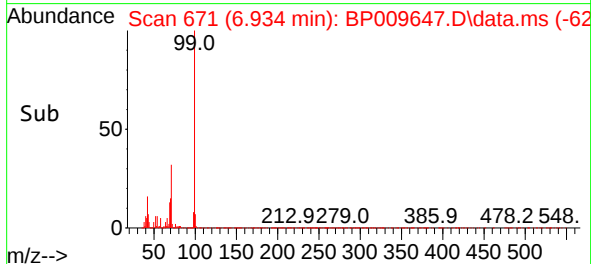
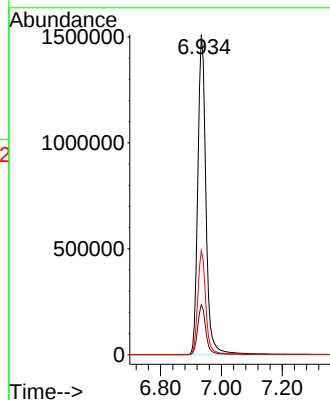
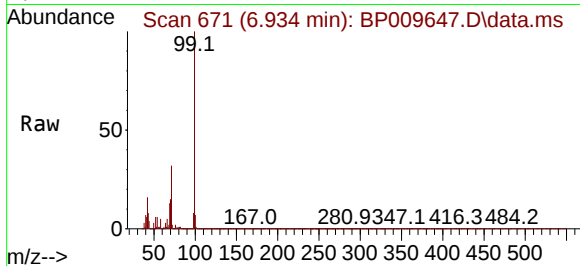
BNA_P

ClientSampleId :

MHE

Tgt Ion: 99 Resp: 2810348

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	32.4	26.3	39.5



#10

Phenol

Concen: 2.538 ng

RT: 6.958 min Scan# 675

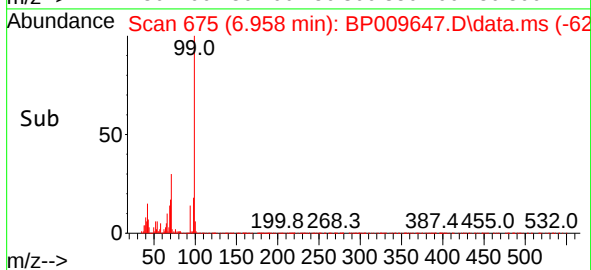
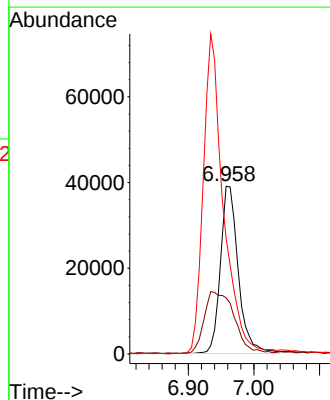
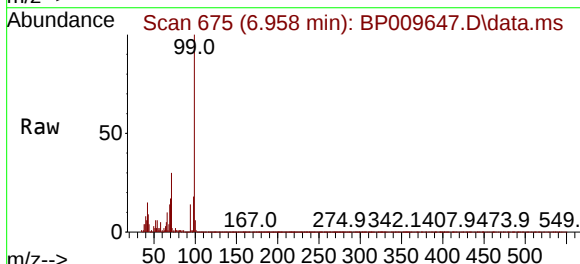
Delta R.T. 0.000 min

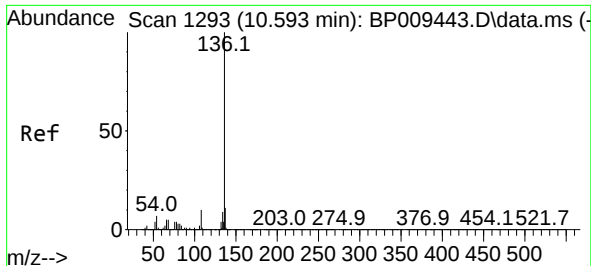
Lab File: BP009647.D

Acq: 31 Mar 2022 19:32

Tgt Ion: 94 Resp: 73978

Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.2	47.2
66	69.2	14.3	54.3

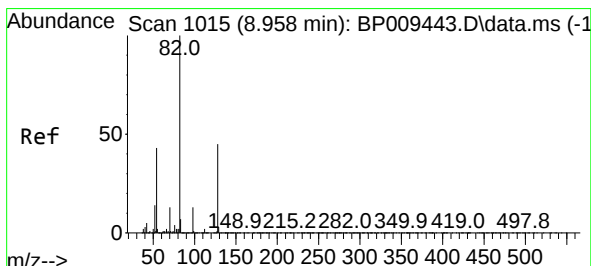
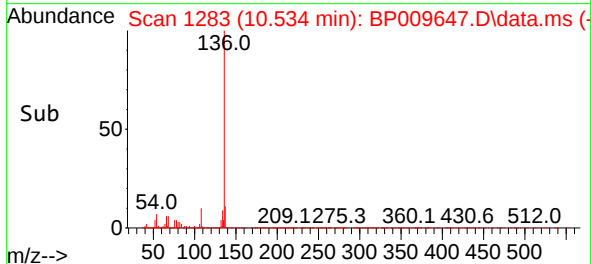
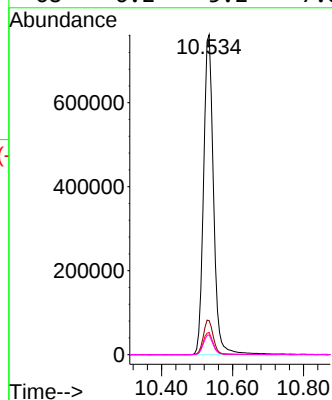
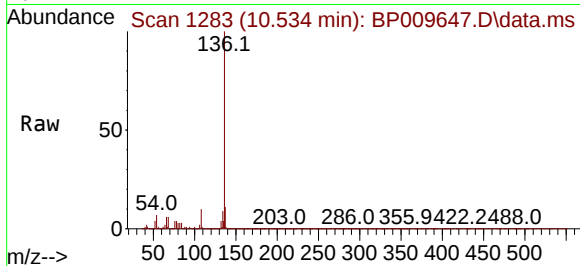




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

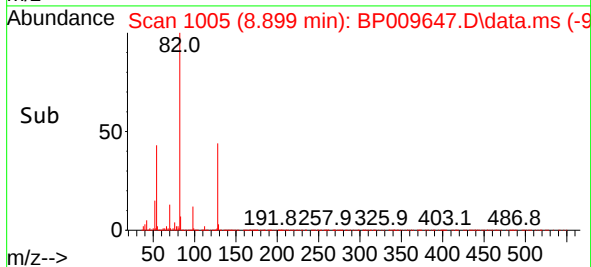
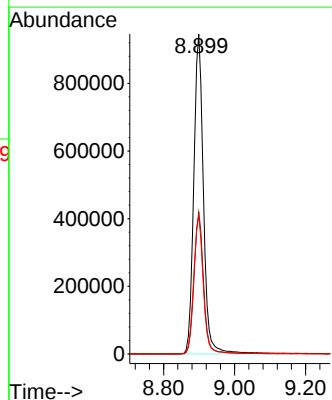
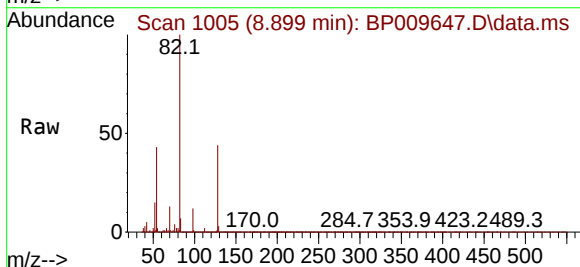
Instrument :
BNA_P
ClientSampleId :
MHE

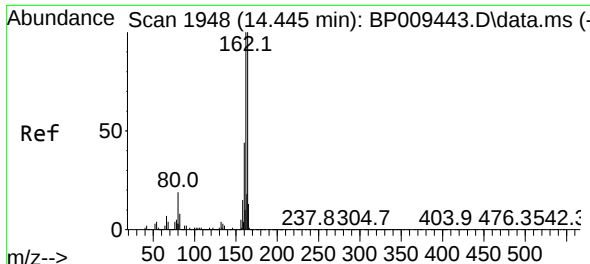
Tgt Ion:136 Resp: 1490216
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 64.226 ng
RT: 8.899 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion: 82 Resp: 1801073
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 43.2 34.7 52.1

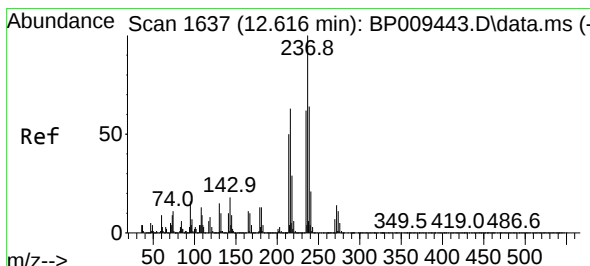
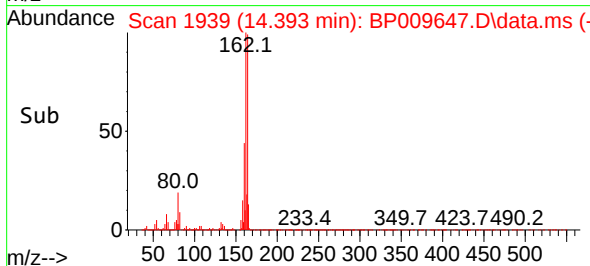
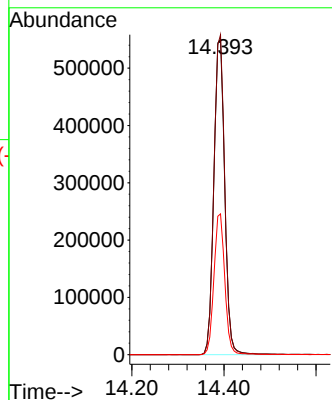
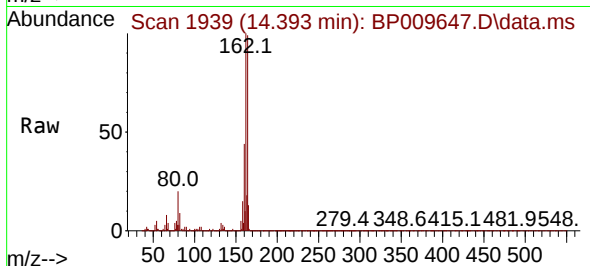




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

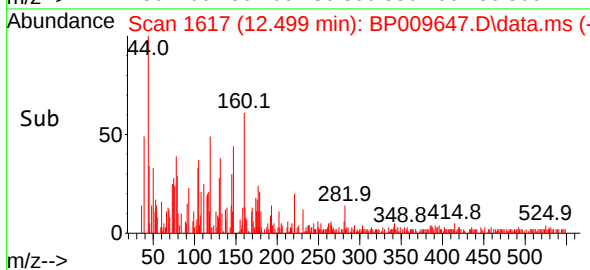
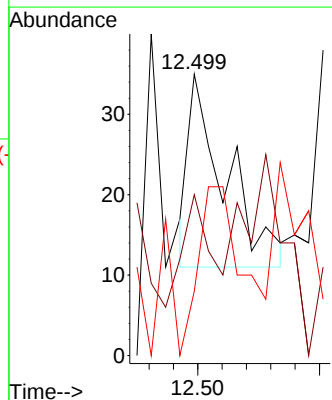
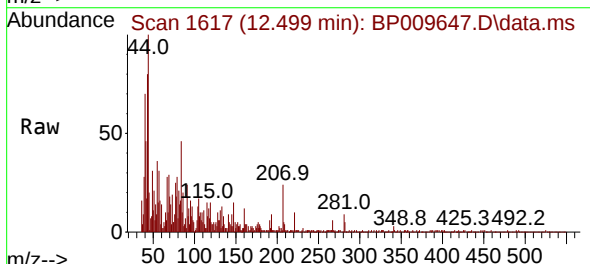
Instrument :
BNA_P
ClientSampleId :
MHE

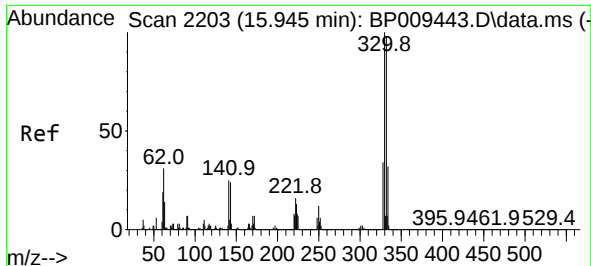
Tgt Ion:164 Resp: 901892
Ion Ratio Lower Upper
164 100
162 101.4 79.1 118.7
160 44.6 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.499 min Scan# 1617
Delta R.T. -0.059 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 57.1 42.6 82.6
272 22.9 0.0 32.8

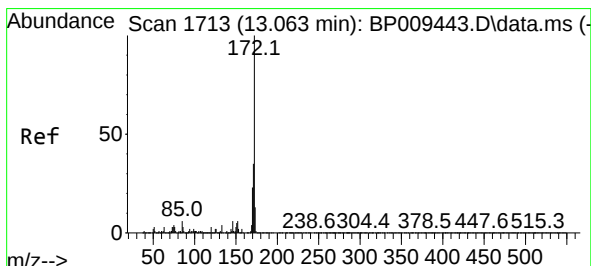
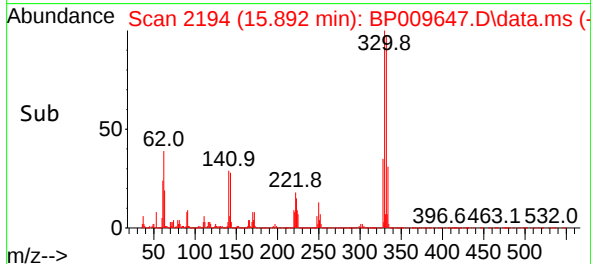
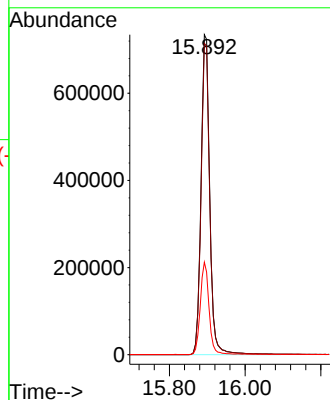
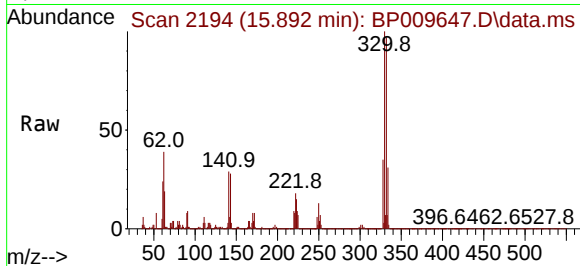




#42
2,4,6-Tribromophenol
Concen: 79.045 ng
RT: 15.892 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

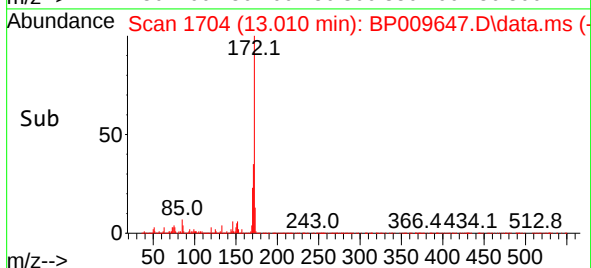
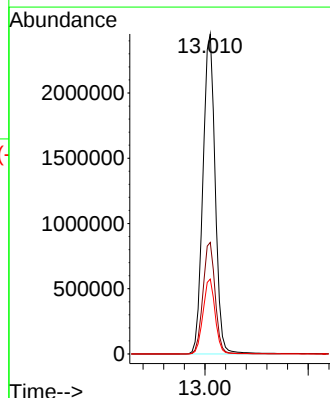
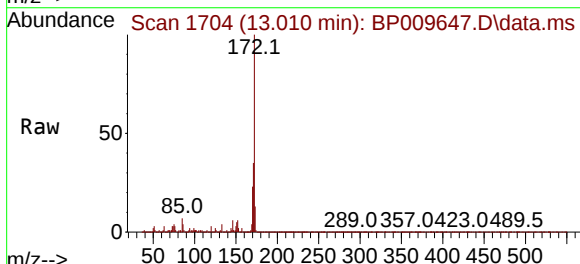
Instrument :
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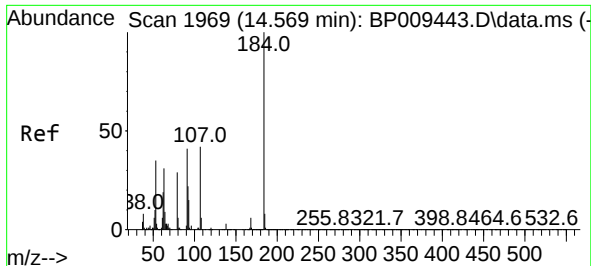
Tgt Ion:330 Resp: 1176409
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 28.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.079 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion:172 Resp: 4038745
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.6 27.8

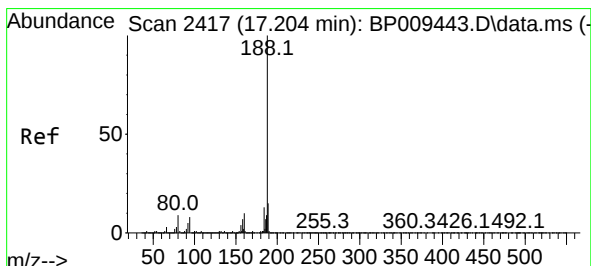
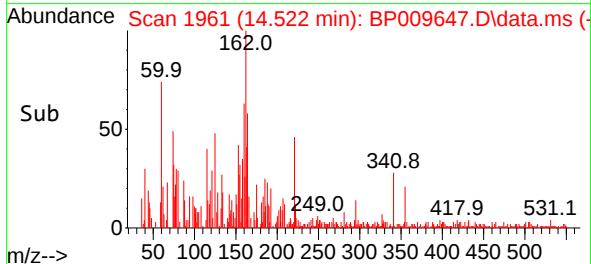
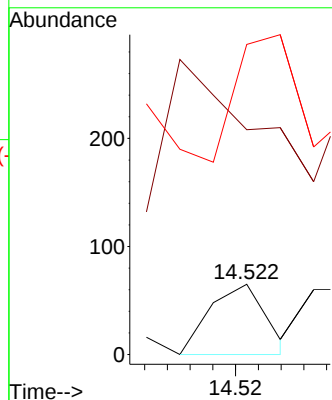
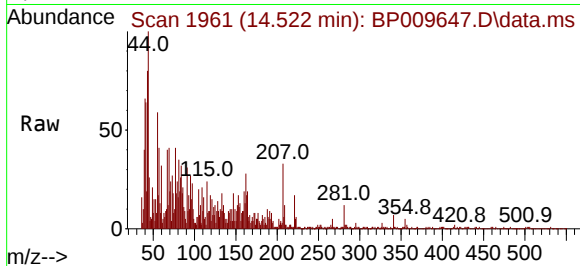




#54
2,4-Dinitrophenol
Concen: 4.537 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

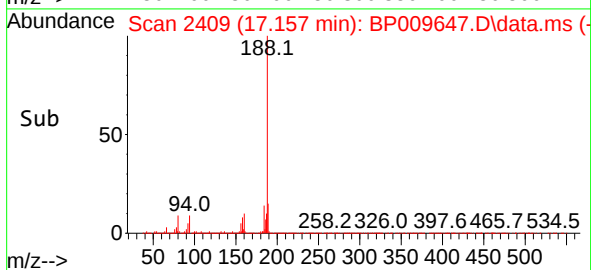
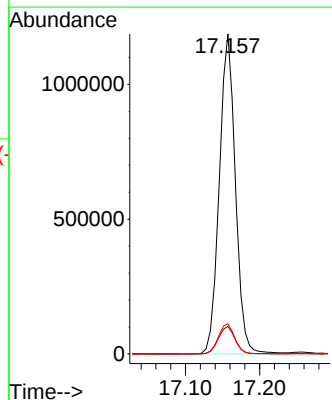
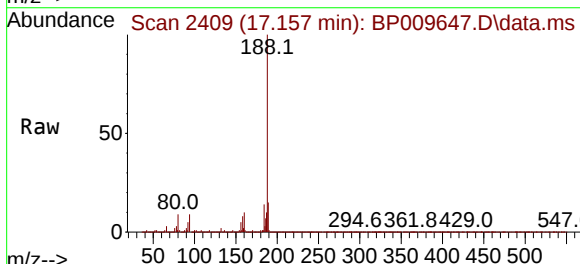
Instrument :
BNA_P
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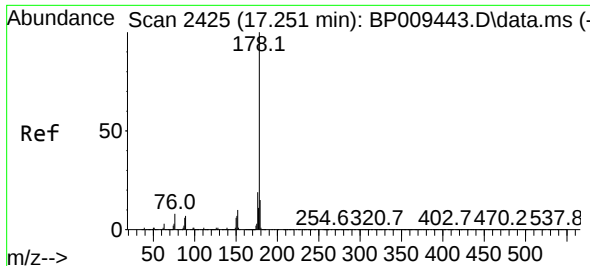
Tgt Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 320.0 46.3 69.5#
154 441.5 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion:188 Resp: 1787970
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.5 8.8 13.2

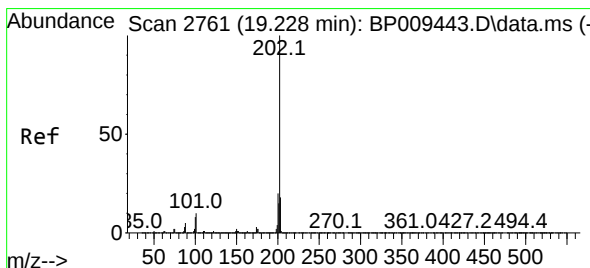
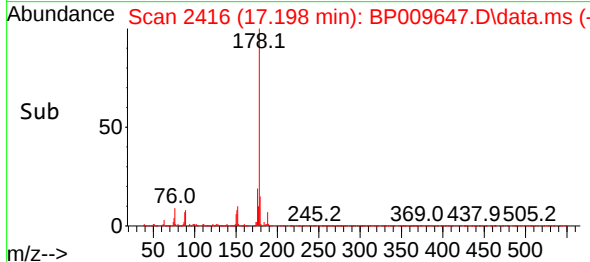
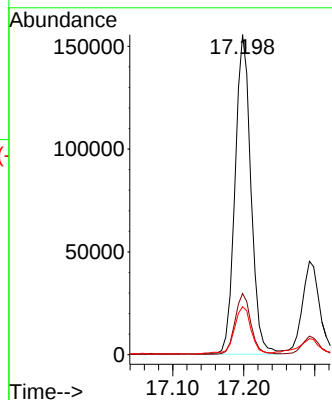
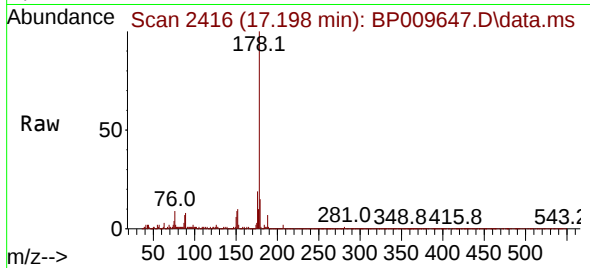




#71
Phenanthrene
Concen: 2.527 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

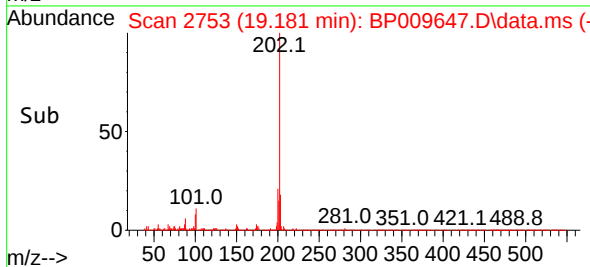
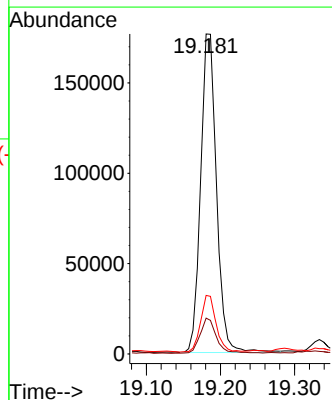
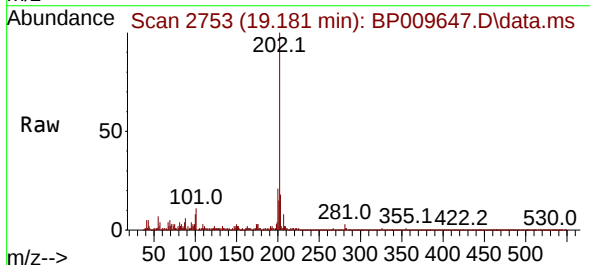
Instrument :
BNA_P
ClientSampleId :
MHE

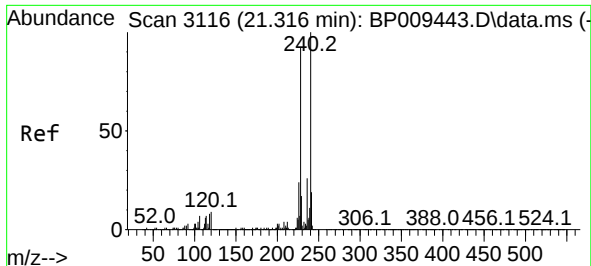
Tgt Ion:178 Resp: 241887
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.0 12.3 18.5



#75
Fluoranthene
Concen: 2.266 ng
RT: 19.181 min Scan# 2753
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion:202 Resp: 262537
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 18.3 0.0 37.8

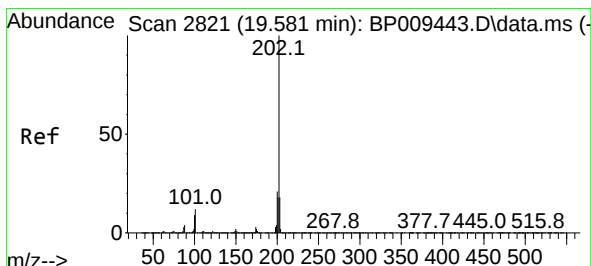
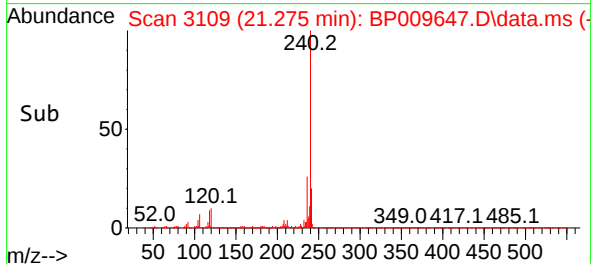
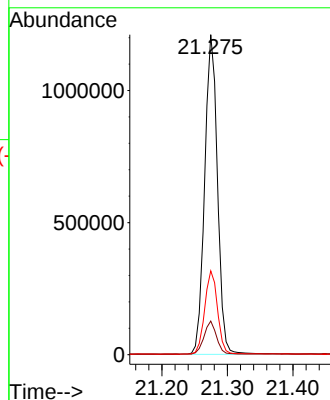
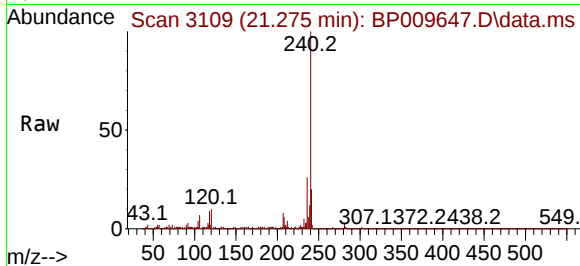




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

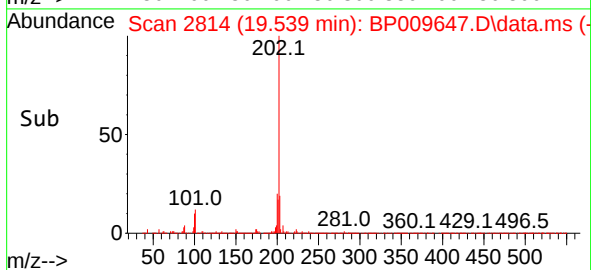
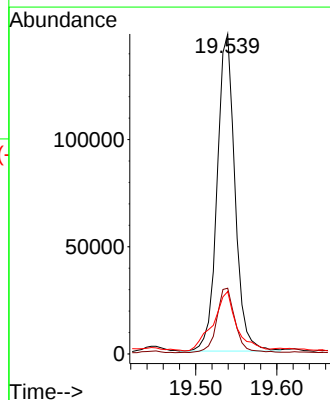
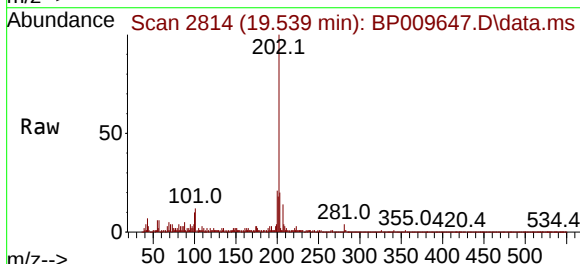
Instrument :
BNA_P
ClientSampleId :
MHE

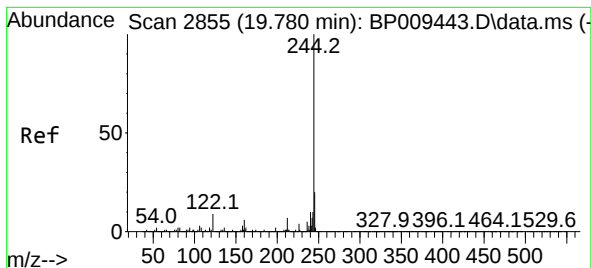
Tgt Ion:240 Resp: 1648625
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.2 20.6 30.8



#78
Pyrene
Concen: 2.077 ng
RT: 19.539 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP009647.D
Acq: 31 Mar 2022 19:32

Tgt Ion:202 Resp: 225659
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 19.5 14.2 21.4





#79

Terphenyl-d14

Concen: 60.547 ng

RT: 19.739 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP009647.D

Acq: 31 Mar 2022 19:32

Instrument :

BNA_P

ClientSampleId :

MHE

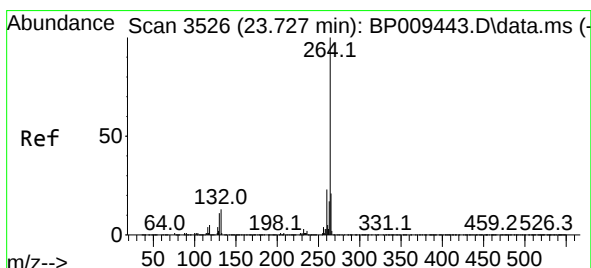
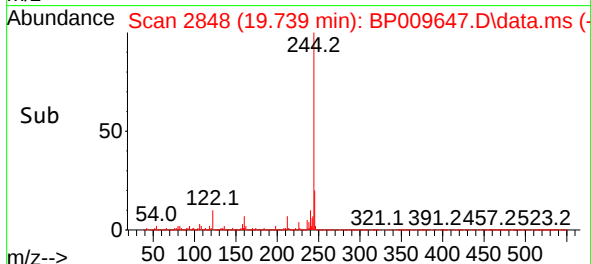
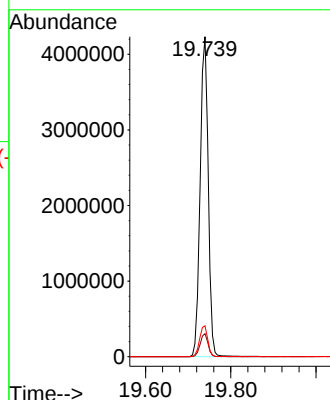
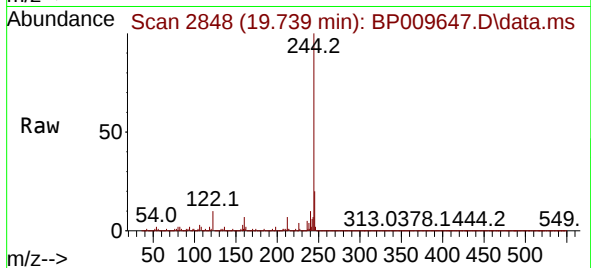
Tgt Ion:244 Resp: 5561264

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 3515

Delta R.T. 0.012 min

Lab File: BP009647.D

Acq: 31 Mar 2022 19:32

Tgt Ion:264 Resp: 1827309

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.9 17.2 25.8

