

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009541.D
 Acq On : 24 Mar 2022 21:49
 Operator : CG/JU
 Sample : N2090-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-48

Quant Time: Mar 25 03:16:44 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 24 01:19:11 2022
 Response via : Initial Calibration

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

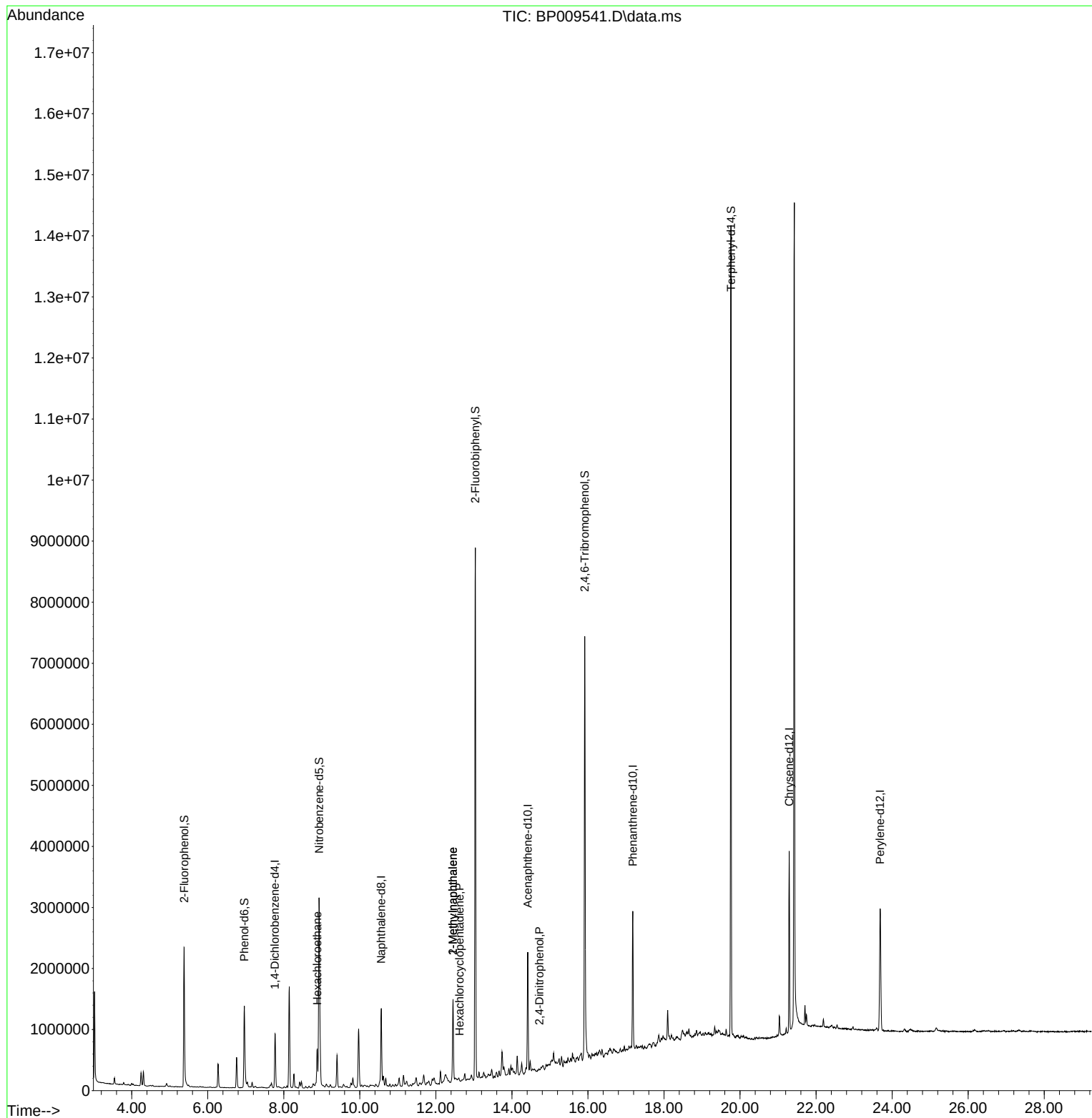
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	279632	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1114730	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	714137	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1457219	20.000	ng	-0.02
76) Chrysene-d12	21.292	240	1499836	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1626326	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1283199	80.119	ng	-0.01
7) Phenol-d6	6.963	99	1013591	46.796	ng	-0.02
23) Nitrobenzene-d5	8.928	82	2056762	98.048	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1594177	135.278	ng	-0.02
45) 2-Fluorobiphenyl	13.040	172	4997709	97.016	ng	-0.02
79) Terphenyl-d14	19.763	244	7234064	86.572	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.946	77	1728	Below Cal	#	68
18) Hexachloroethane	8.881	117	98335	13.314	ng	# 1
37) 2-Methylnaphthalene	12.451	142	660721	16.400	ng	96
38) 1-Methylnaphthalene	12.451	142	664401	16.929	ng	100
41) Hexachlorocyclopentadiene	12.622	237	32	7.291	ng	81
54) 2,4-Dinitrophenol	14.722	184	4490	5.134	ng	87

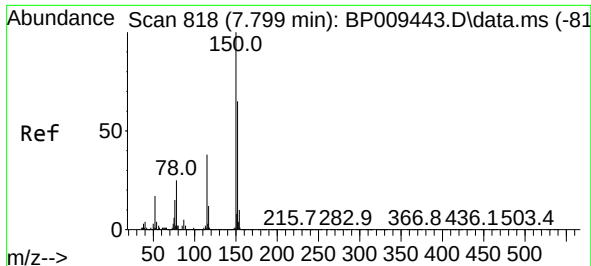
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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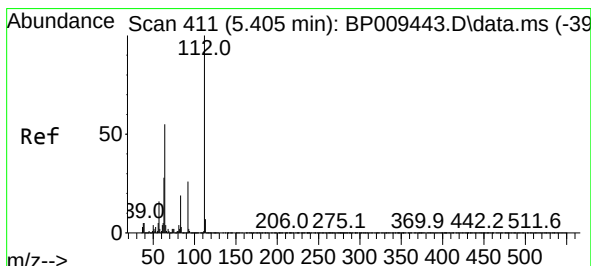
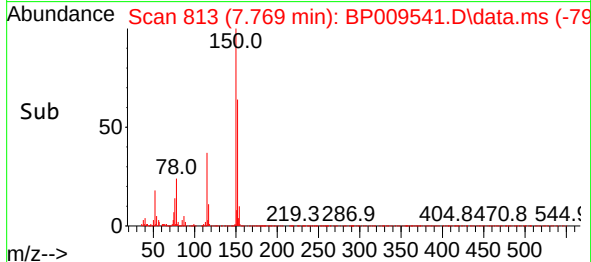
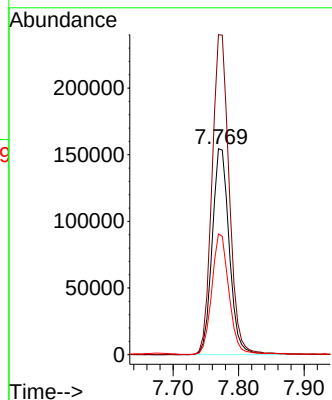
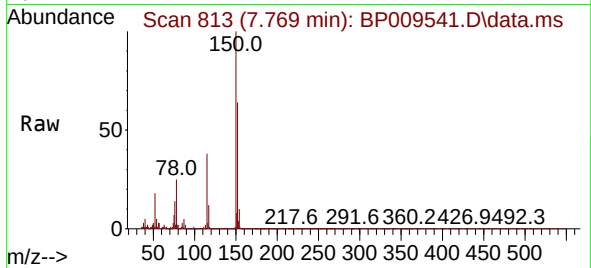




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.769 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP009541.D
 Acq: 24 Mar 2022 21:49

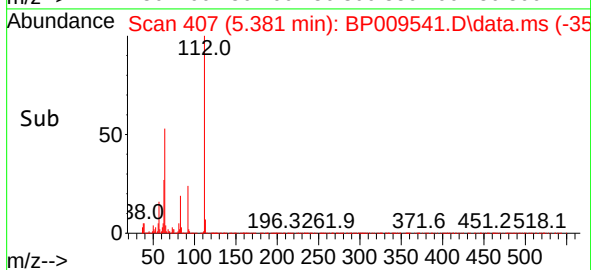
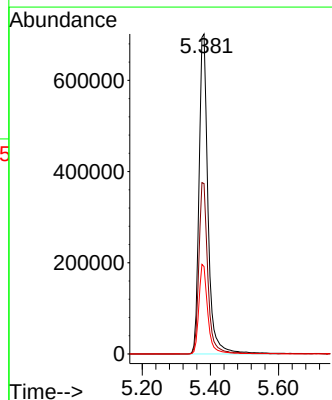
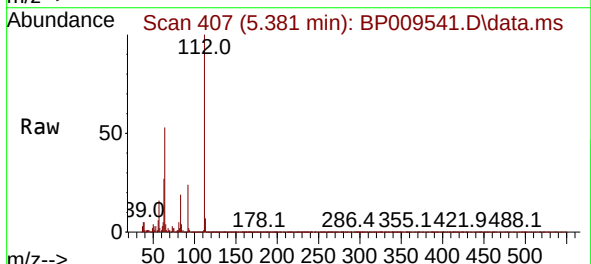
Instrument :
 BNA_P
 ClientSampleId :
 MW-48

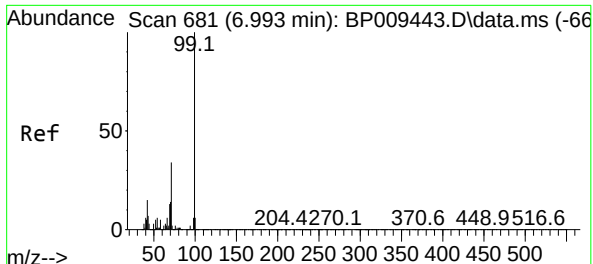
Tgt Ion:152 Resp: 279632
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.5 186.7
 115 58.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 80.119 ng
 RT: 5.381 min Scan# 407
 Delta R.T. -0.012 min
 Lab File: BP009541.D
 Acq: 24 Mar 2022 21:49

Tgt Ion:112 Resp: 1283199
 Ion Ratio Lower Upper
 112 100
 64 53.2 45.0 67.4
 63 27.3 23.0 34.6

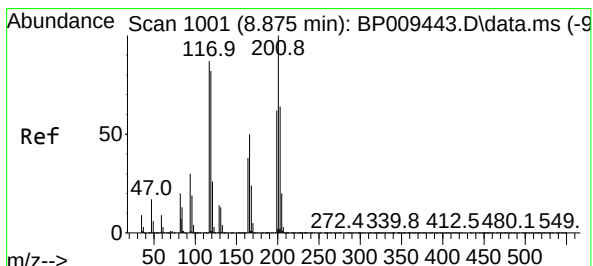
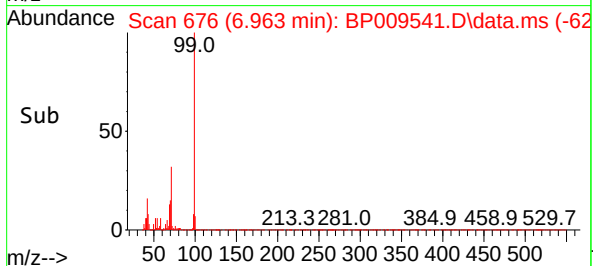
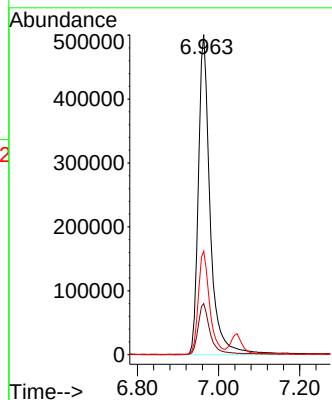
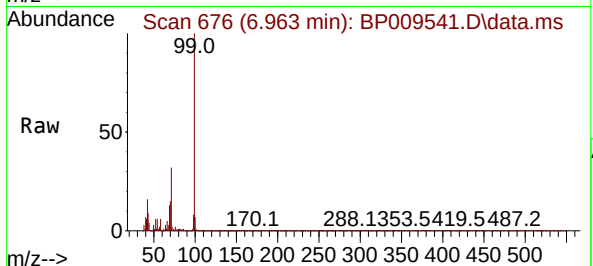




#7
Phenol-d6
Concen: 46.796 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

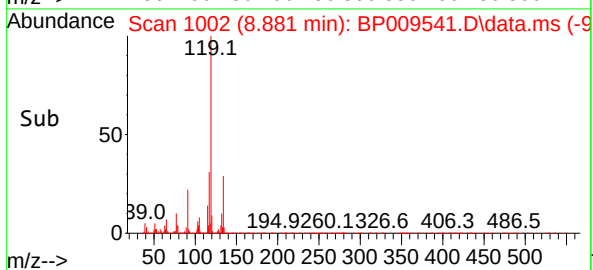
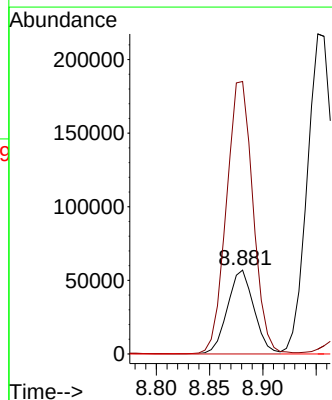
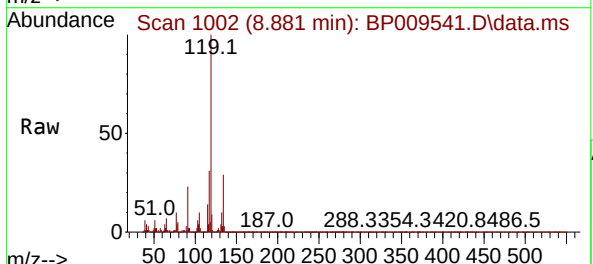
Instrument :
BNA_P
ClientSampleId :
MW-48

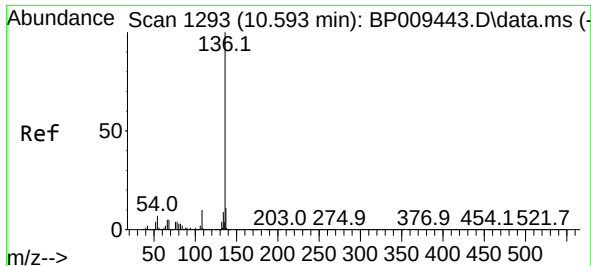
Tgt Ion: 99 Resp: 1013591
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.4 26.3 39.5



#18
Hexachloroethane
Concen: 13.314 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion: 117 Resp: 98335
Ion Ratio Lower Upper
117 100
119 325.2 76.4 114.6#
201 0.0 83.4 125.2#

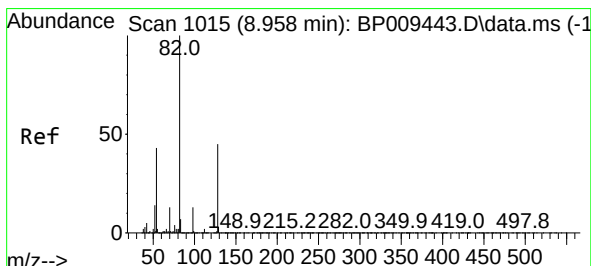
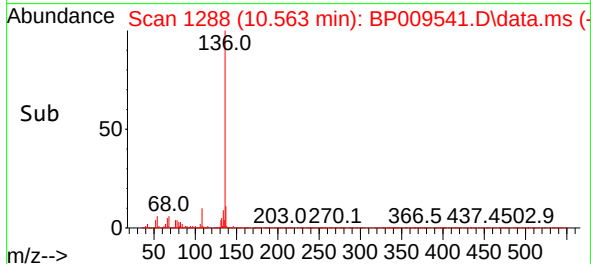
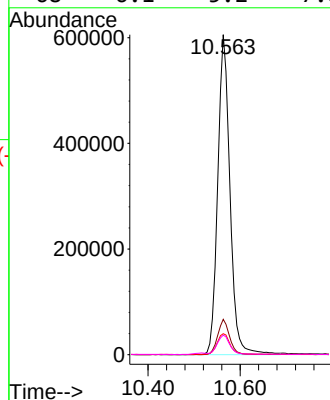
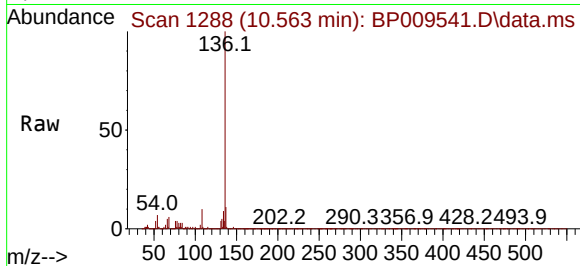




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

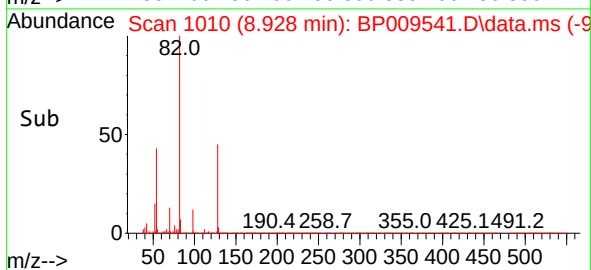
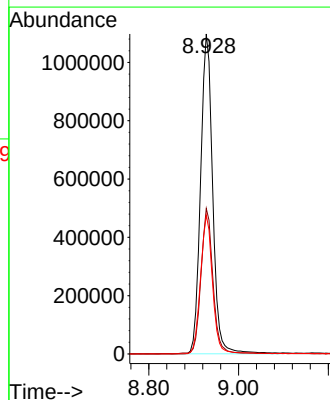
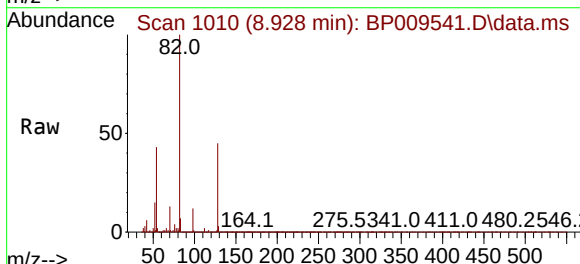
Instrument :
BNA_P
ClientSampleId :
MW-48

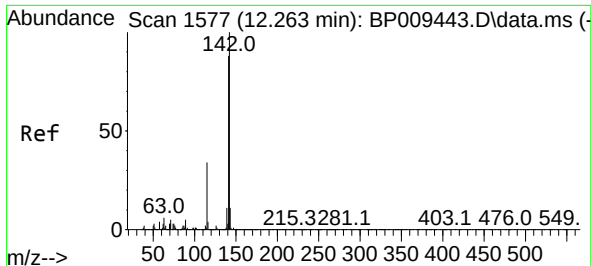
Tgt Ion:136 Resp: 1114730
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.5 5.8 8.8
68 6.1 5.2 7.8



#23
Nitrobenzene-d5
Concen: 98.048 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion: 82 Resp: 2056762
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.4
54 43.4 34.7 52.1

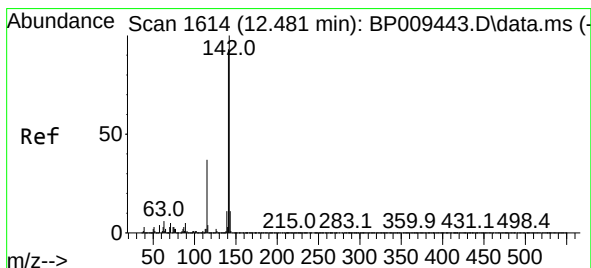
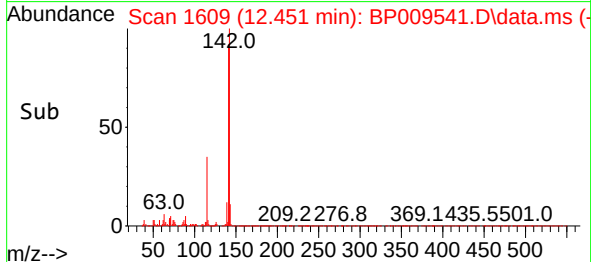
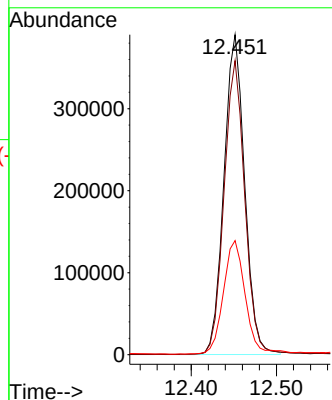
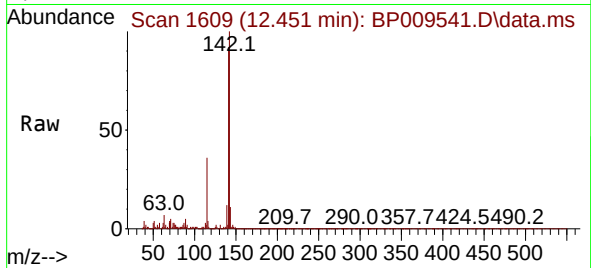




#37
2-Methylnaphthalene
Concen: 16.400 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.200 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

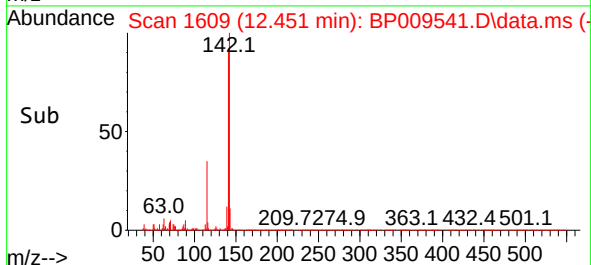
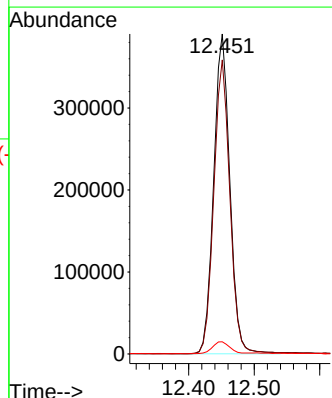
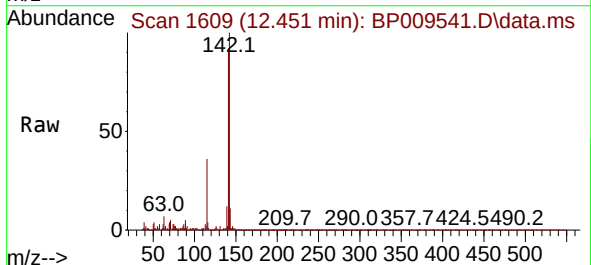
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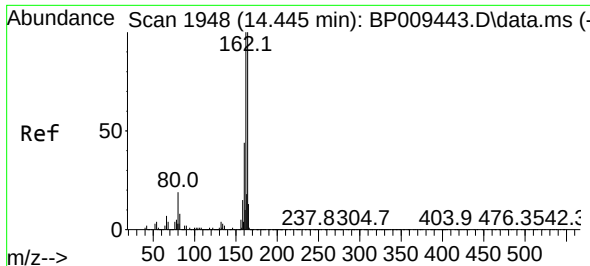
Tgt Ion:142 Resp: 660721
Ion Ratio Lower Upper
142 100
141 91.9 70.2 105.4
115 35.6 27.4 41.2



#38
1-Methylnaphthalene
Concen: 16.929 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion:142 Resp: 664401
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 3.8 3.3 4.9

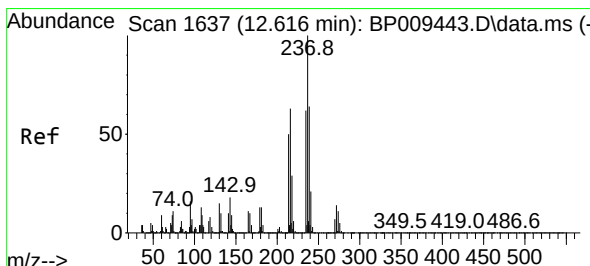
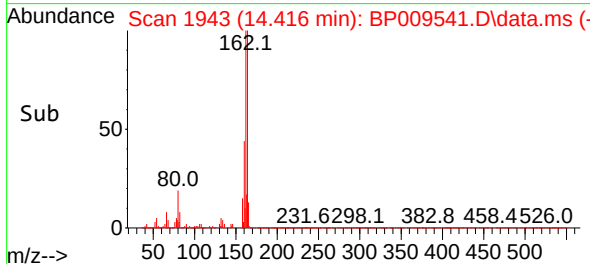
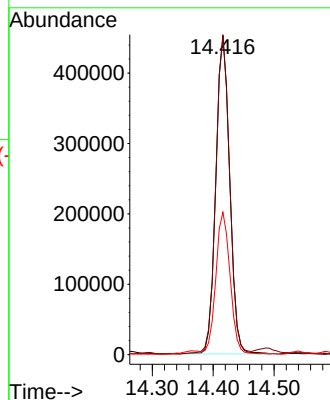
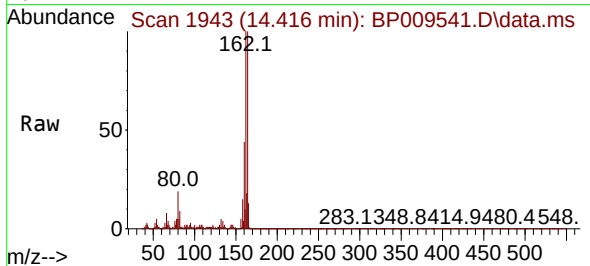




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

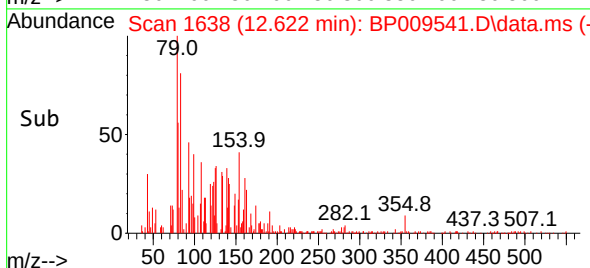
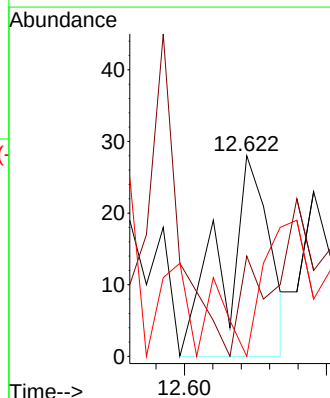
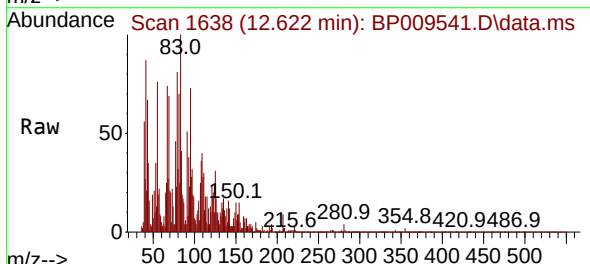
Instrument :
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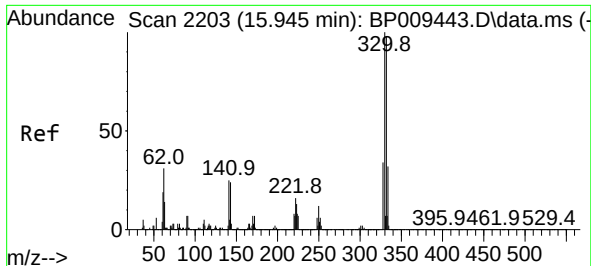
Tgt Ion:164 Resp: 714137
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 44.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.622 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion:237 Resp: 32
Ion Ratio Lower Upper
237 100
235 50.0 42.6 82.6
272 0.0 0.0 32.8

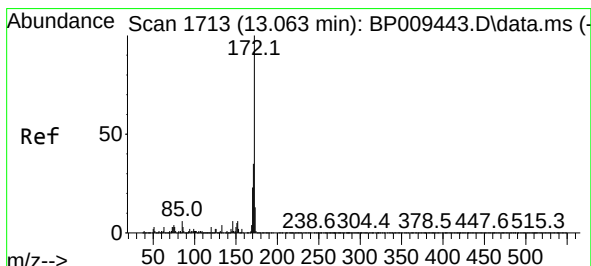
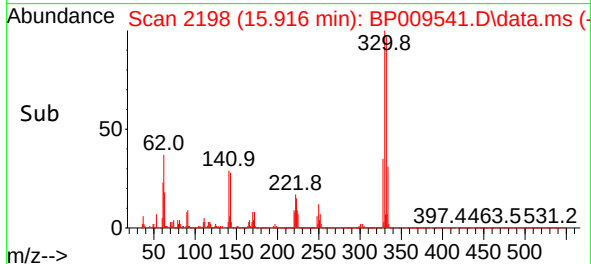
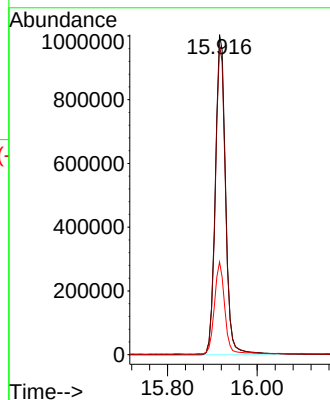
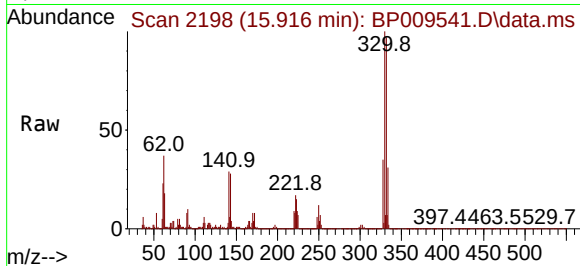




#42
2,4,6-Tribromophenol
Concen: 135.278 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

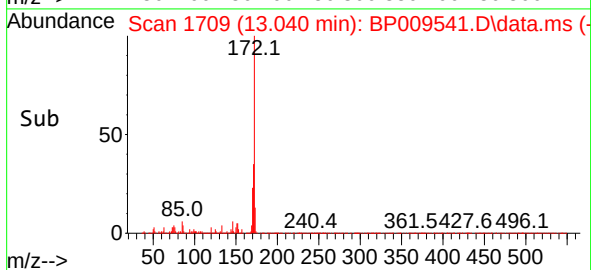
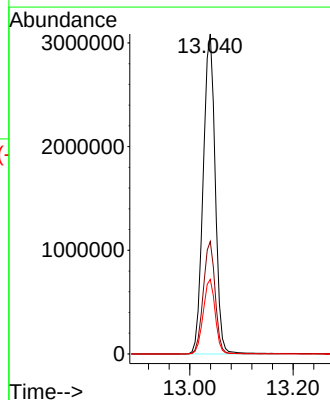
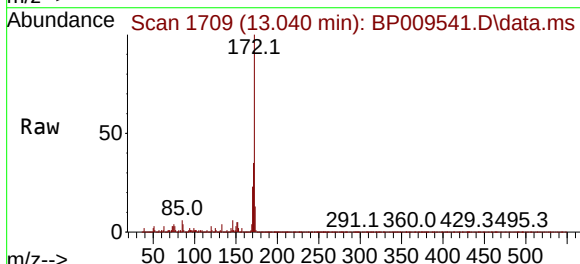
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MW-48

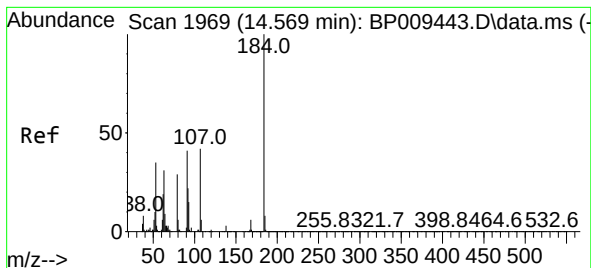
Tgt Ion:330 Resp: 1594177
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 28.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 97.016 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion:172 Resp: 4997709
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 18.6 27.8

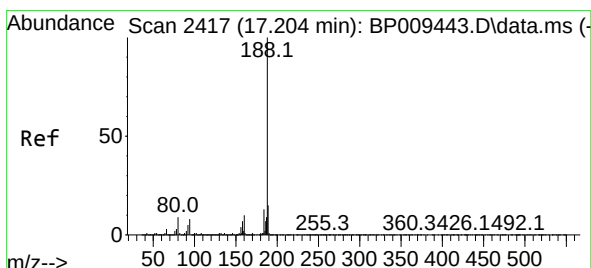
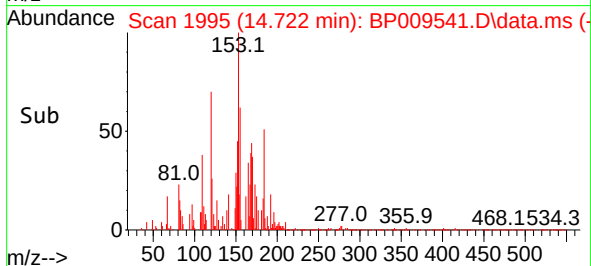
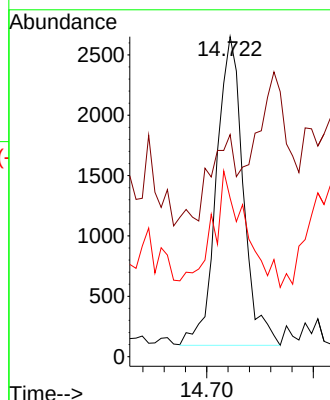
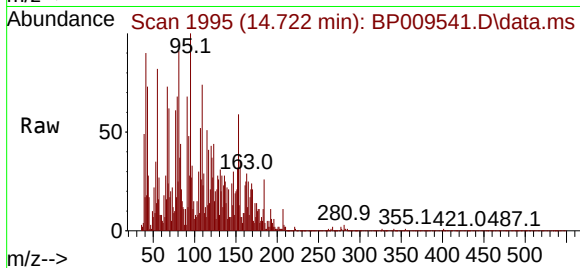




#54
2,4-Dinitrophenol
Concen: 5.134 ng
RT: 14.722 min Scan# 1969
Delta R.T. 0.159 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

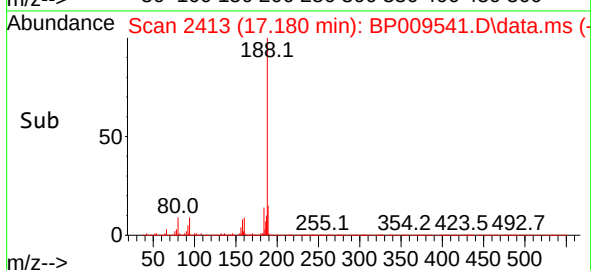
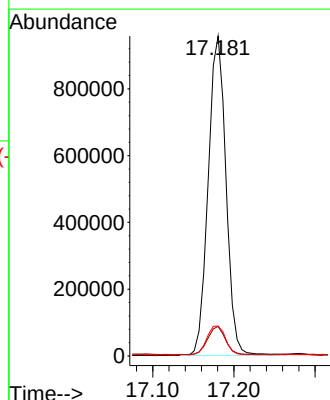
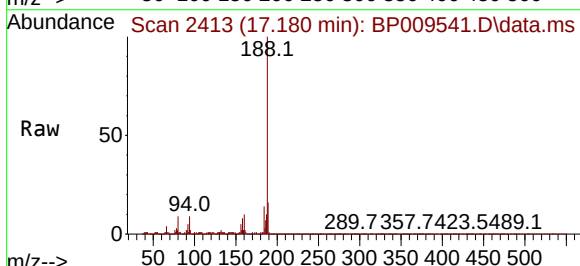
Instrument :
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MW-48

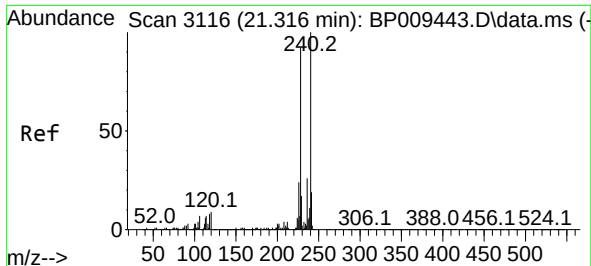
Tgt Ion:184	Resp:	4490
Ion	Ratio	Lower Upper
184	100	
63	69.4	46.3 69.5
154	49.5	45.8 68.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion:188	Resp:	1457219
Ion	Ratio	Lower Upper
188	100	
94	9.2	7.9 11.9
80	9.4	8.8 13.2

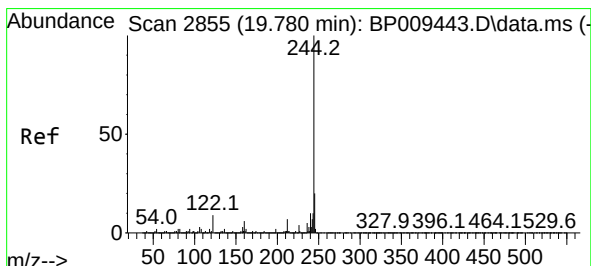
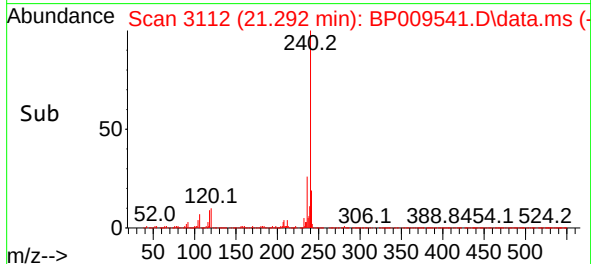
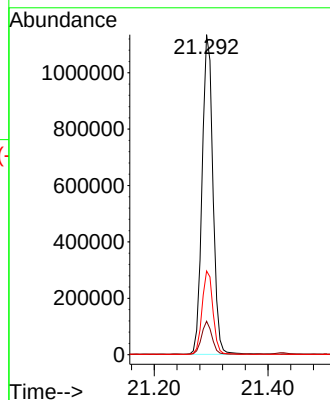
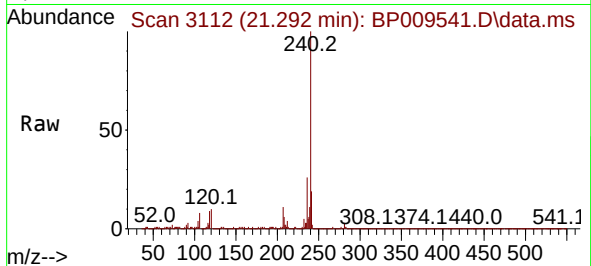




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. -0.023 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

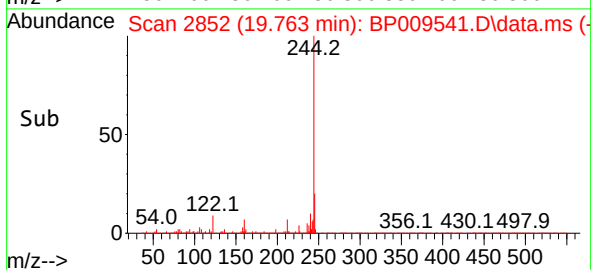
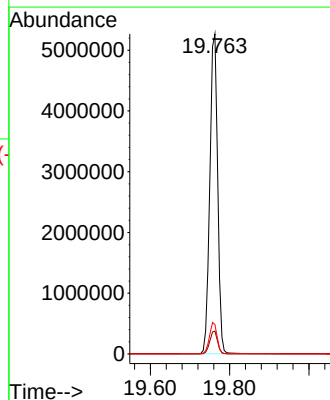
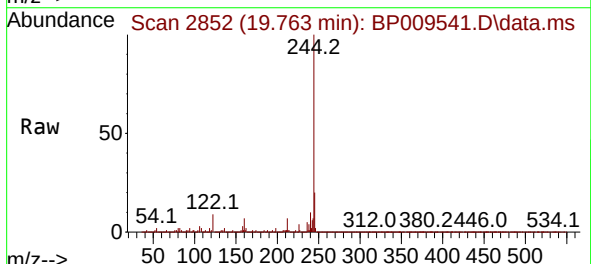
Instrument :
BNA_P
ClientSampleId :
MW-48

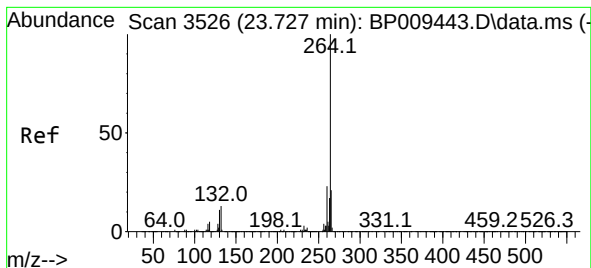
Tgt Ion:240 Resp: 1499836
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.1 20.6 30.8



#79
Terphenyl-d14
Concen: 86.572 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.018 min
Lab File: BP009541.D
Acq: 24 Mar 2022 21:49

Tgt Ion:244 Resp: 7234064
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.2 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3

Delta R.T. -0.029 min

Lab File: BP009541.D

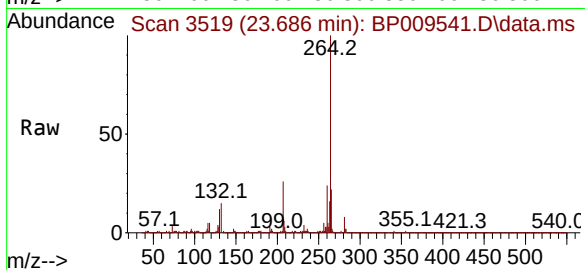
Acq: 24 Mar 2022 21:49

Instrument :

BNA_P

ClientSampleId :

MW-48



Tgt Ion:264 Resp: 1626326

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.2 17.2 25.8

