

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009193.D
 Acq On : 17 Feb 2022 13:51
 Operator : CG/JU
 Sample : PB142728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142728BL

Quant Time: Feb 18 01:50:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

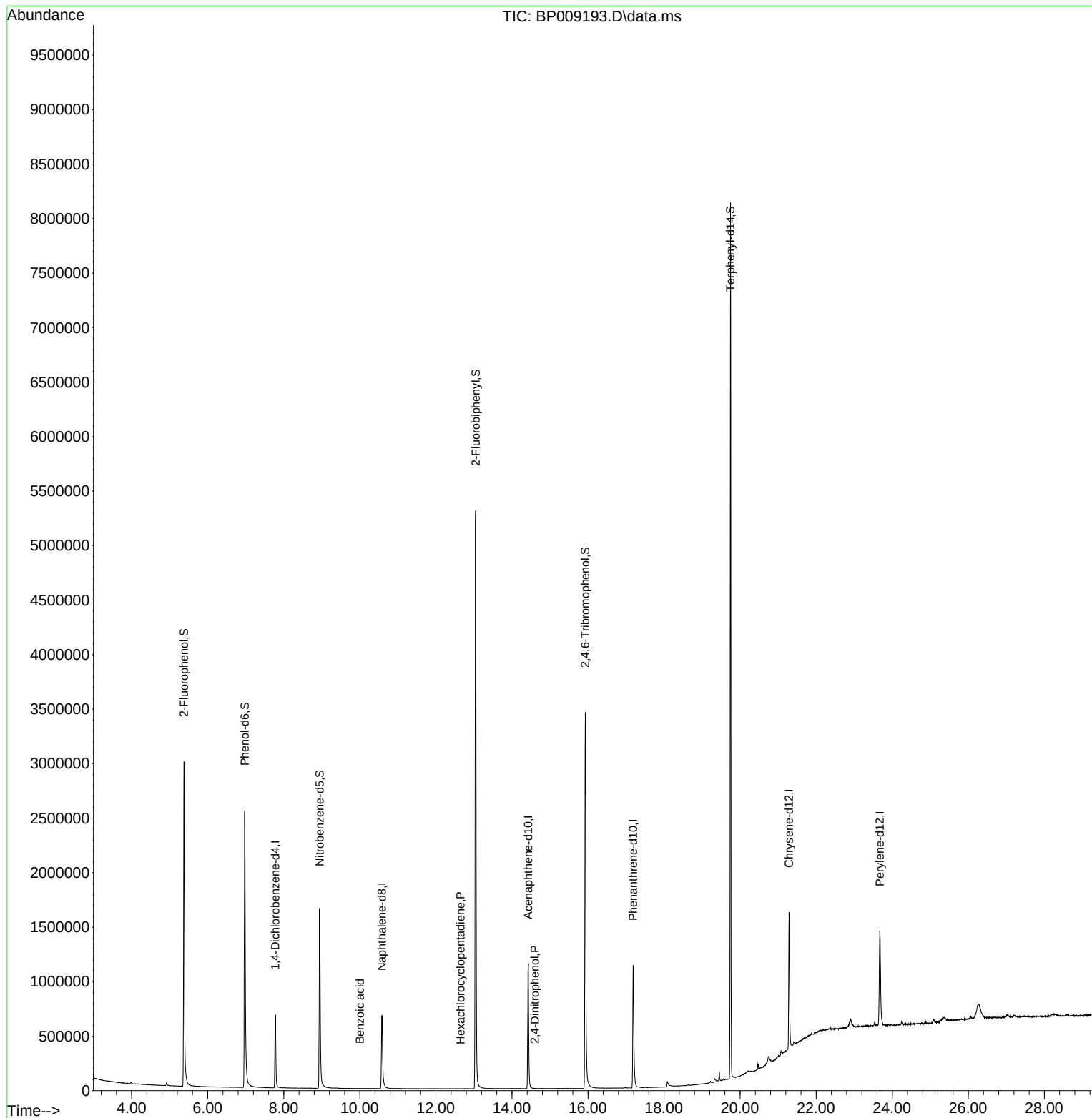
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	223046	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	801634	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	515079	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	949784	20.000	ng	0.00
76) Chrysene-d12	21.286	240	778239	20.000	ng	0.00
86) Perylene-d12	23.674	264	847114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1630408	130.392	ng	0.00
7) Phenol-d6	6.975	99	1989528	120.753	ng	0.00
23) Nitrobenzene-d5	8.940	82	1230534	86.566	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	889380	129.322	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	3310083	89.962	ng	0.00
79) Terphenyl-d14	19.745	244	3868514	89.392	ng	0.00
Target Compounds						
32) Benzoic acid	9.999	122	26	2.692	ng	# 1
41) Hexachlorocyclopentadiene	12.646	237	10	8.657	ng	74
54) 2,4-Dinitrophenol	14.604	184	36	2.177	ng	# 1

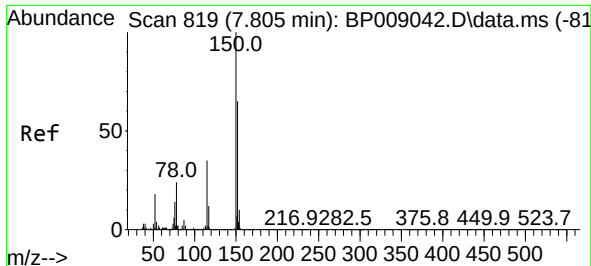
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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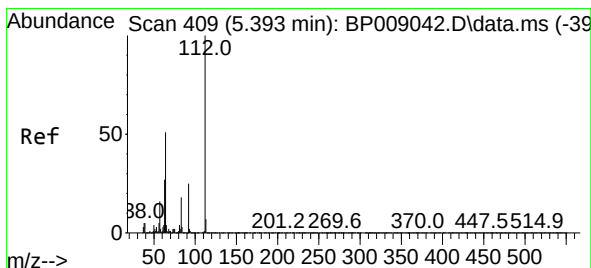
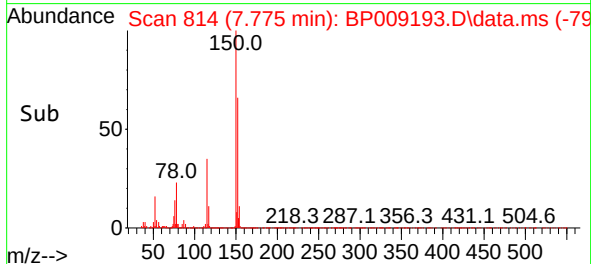
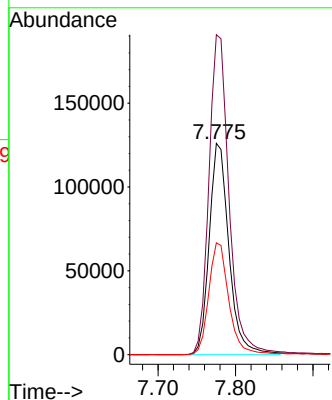
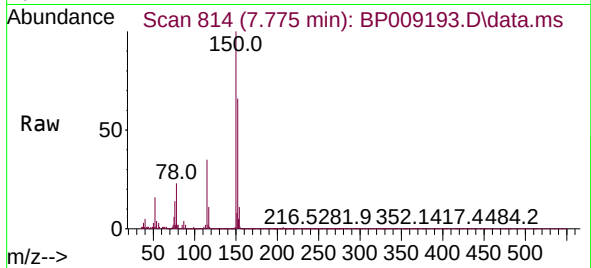




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BP009193.D
 Acq: 17 Feb 2022 13:51

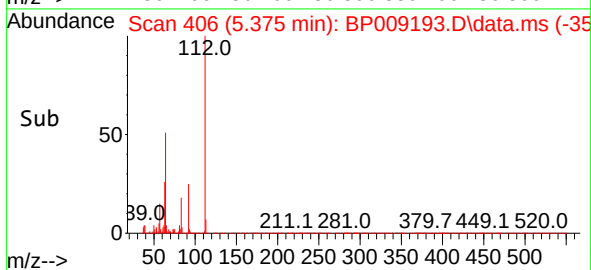
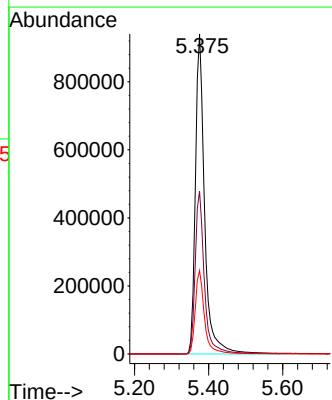
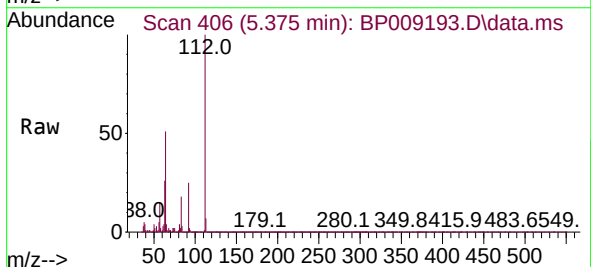
Instrument :
 BNA_P
 ClientSampleId :
 PB142728BL

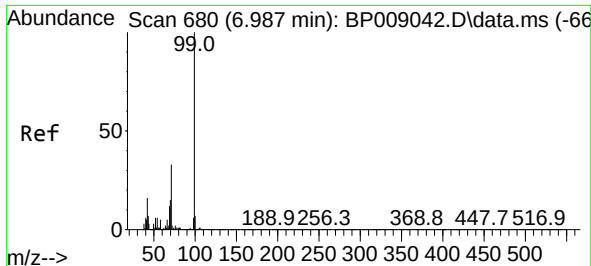
Tgt Ion:152 Resp: 223046
 Ion Ratio Lower Upper
 152 100
 150 151.4 127.0 190.6
 115 52.9 43.7 65.5



#5
 2-Fluorophenol
 Concen: 130.392 ng
 RT: 5.375 min Scan# 406
 Delta R.T. -0.006 min
 Lab File: BP009193.D
 Acq: 17 Feb 2022 13:51

Tgt Ion:112 Resp: 1630408
 Ion Ratio Lower Upper
 112 100
 64 50.9 39.7 59.5
 63 26.1 20.0 30.0

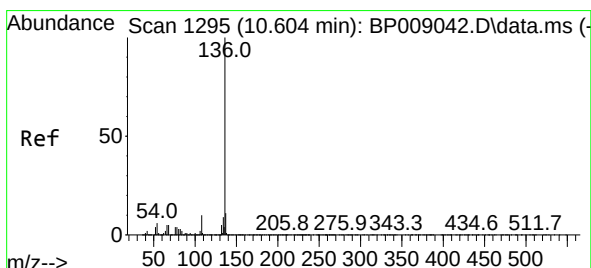
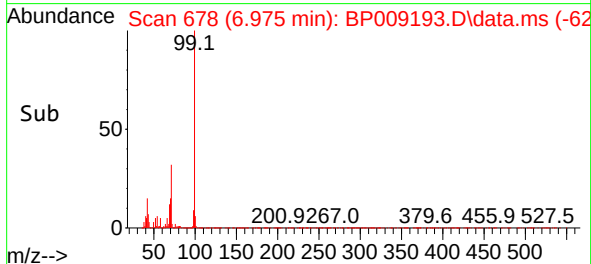
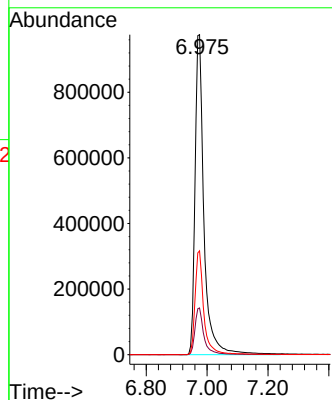
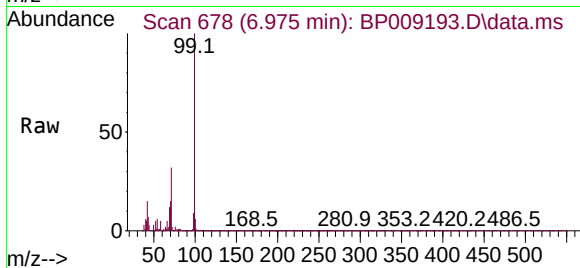




#7
Phenol-d6
Concen: 120.753 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

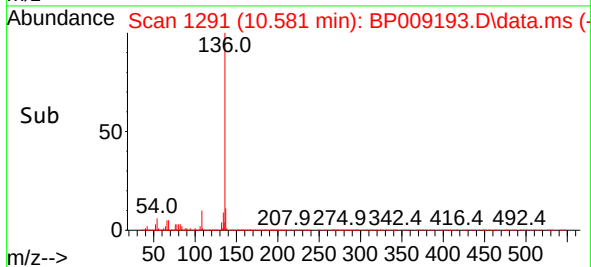
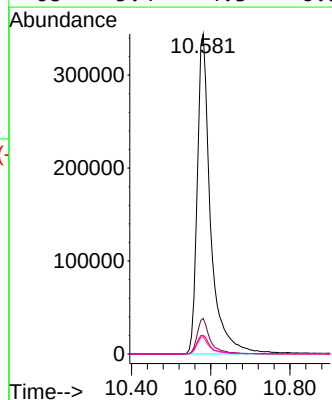
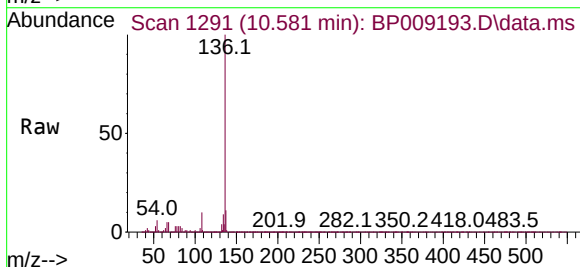
Instrument :
BNA_P
ClientSampleId :
PB142728BL

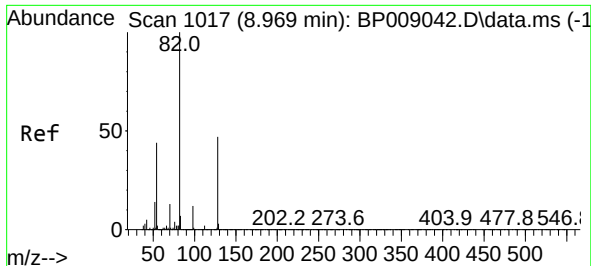
Tgt Ion: 99 Resp: 1989528
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

Tgt Ion: 136 Resp: 801634
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 5.8 4.9 7.3
68 5.4 4.3 6.5

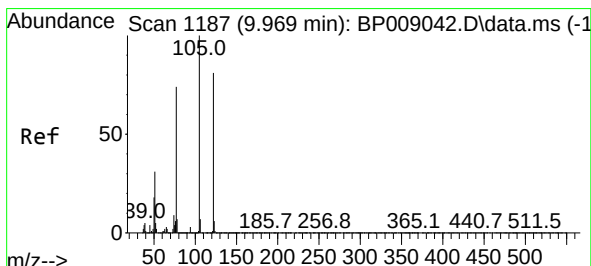
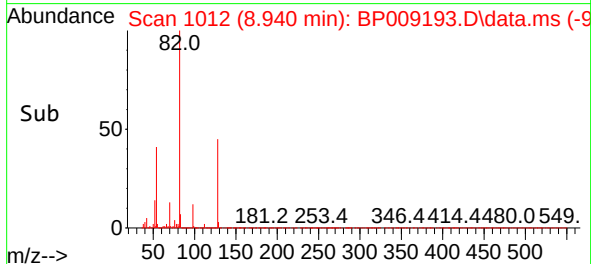
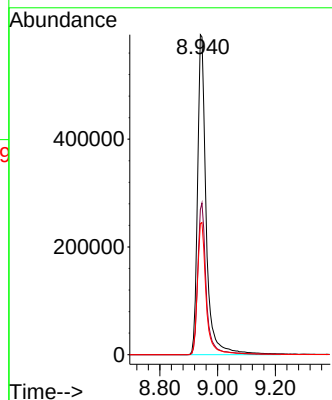
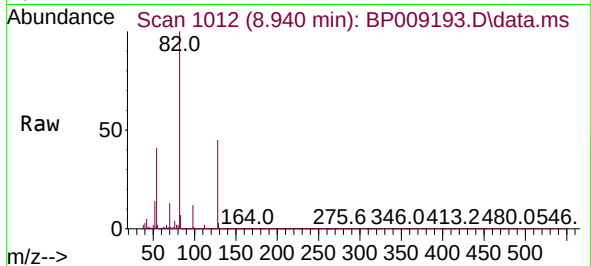




#23
Nitrobenzene-d5
Concen: 86.566 ng
RT: 8.940 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

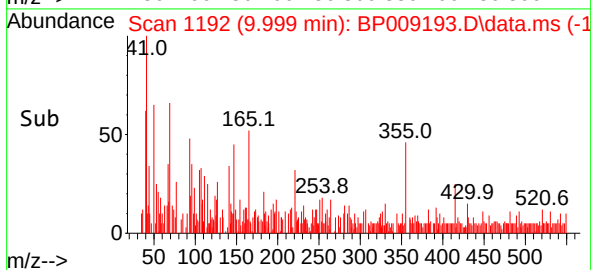
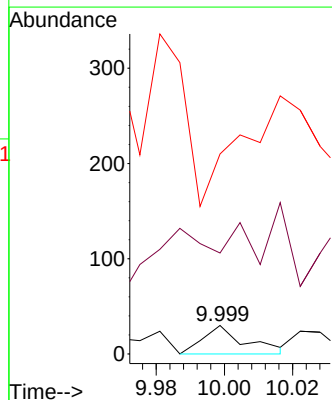
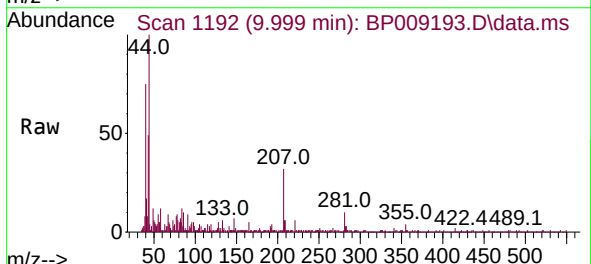
Instrument :
BNA_P
ClientSampleId :
PB142728BL

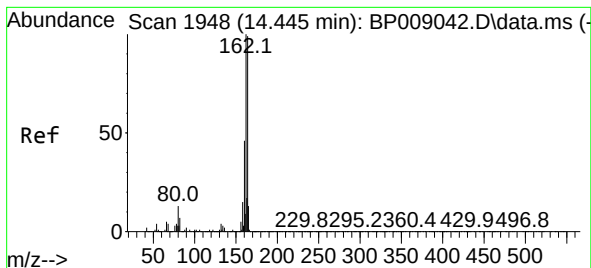
Tgt Ion: 82 Resp: 1230534
Ion Ratio Lower Upper
82 100
128 45.4 39.4 59.2
54 41.0 32.6 48.8



#32
Benzoic acid
Concen: 2.692 ng
RT: 9.999 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

Tgt Ion: 122 Resp: 26
Ion Ratio Lower Upper
122 100
105 353.3 100.1 140.1#
77 700.0 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.428 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP009193.D

Acq: 17 Feb 2022 13:51

Instrument :

BNA_P

ClientSampleId :

PB142728BL

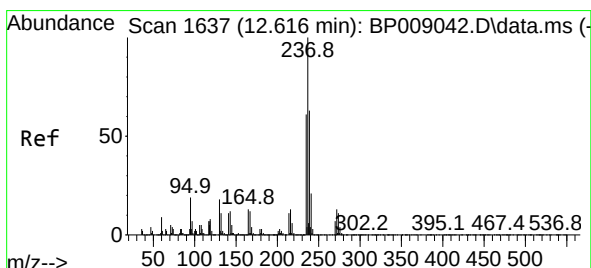
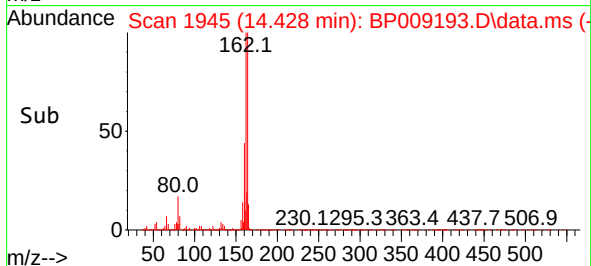
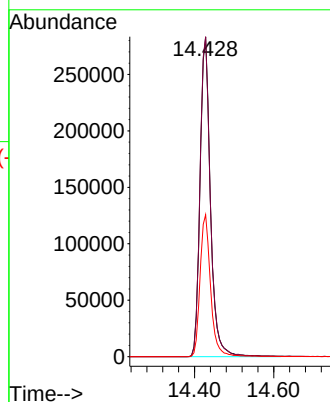
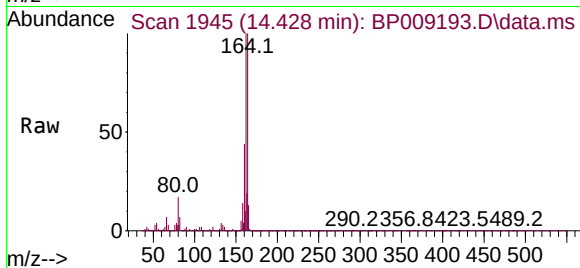
Tgt Ion:164 Resp: 515079

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 44.4 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.657 ng

RT: 12.646 min Scan# 1642

Delta R.T. 0.053 min

Lab File: BP009193.D

Acq: 17 Feb 2022 13:51

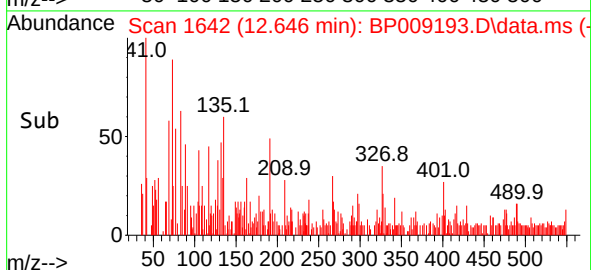
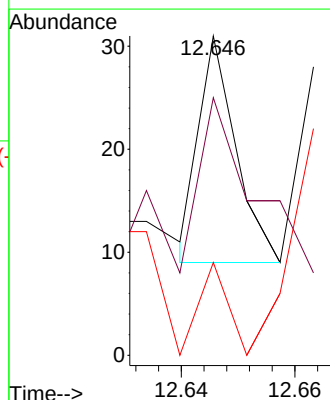
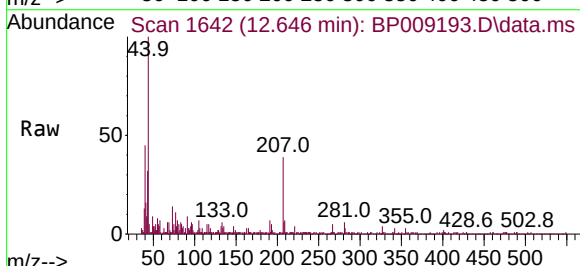
Tgt Ion:237 Resp: 10

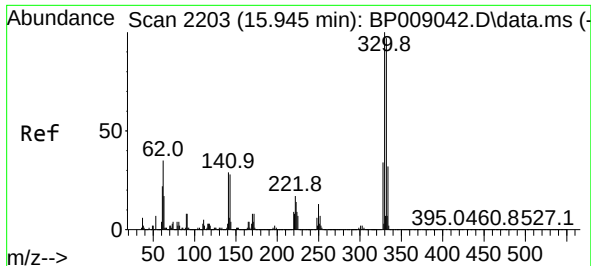
Ion Ratio Lower Upper

237 100

235 80.6 42.9 82.9

272 29.0 0.0 33.8

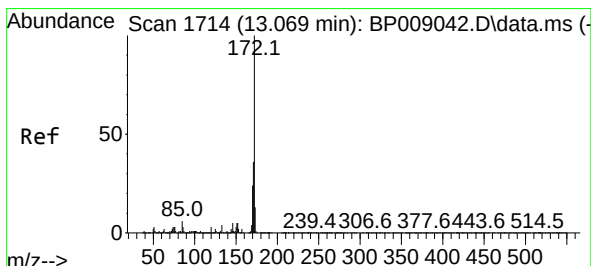
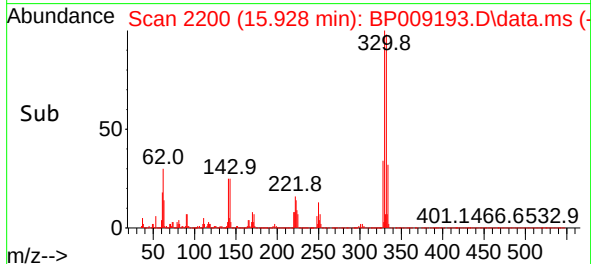
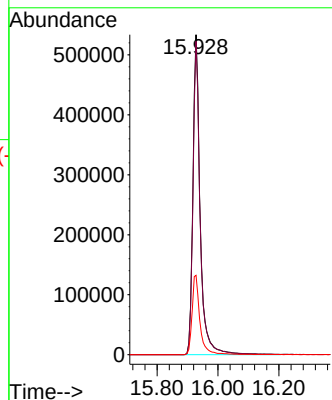
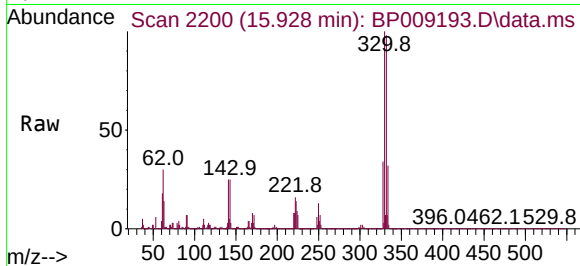




#42
2,4,6-Tribromophenol
Concen: 129.322 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

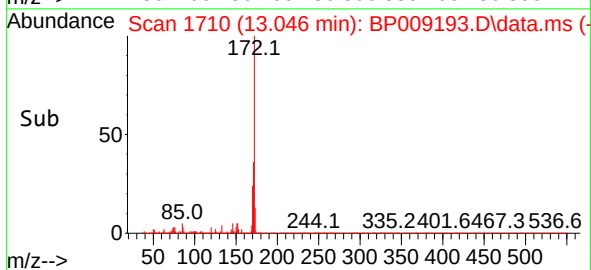
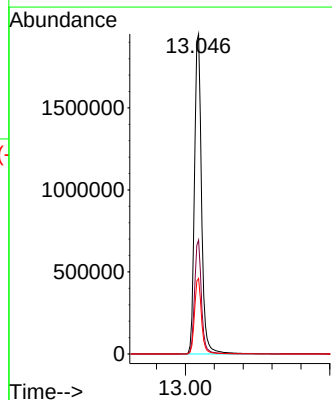
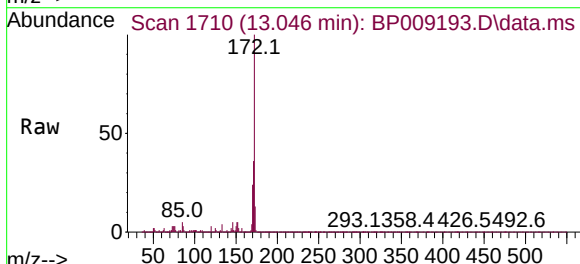
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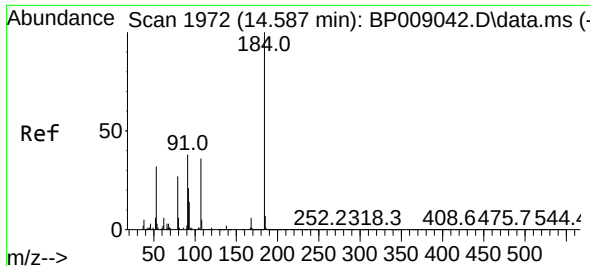
Tgt Ion:330 Resp: 889380
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 26.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 89.962 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

Tgt Ion:172 Resp: 3310083
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.6 19.5 29.3

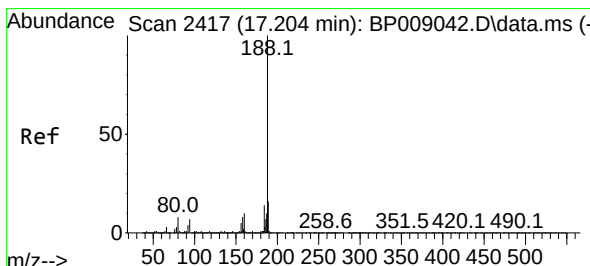
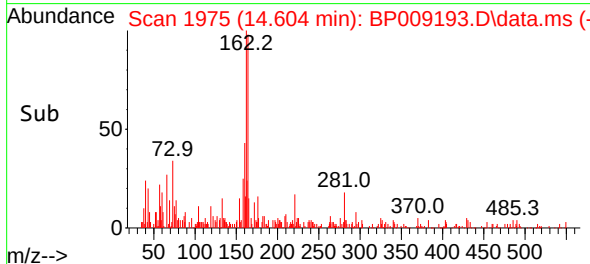
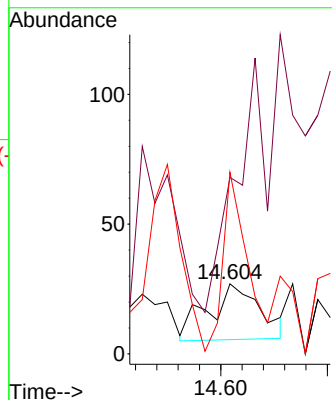
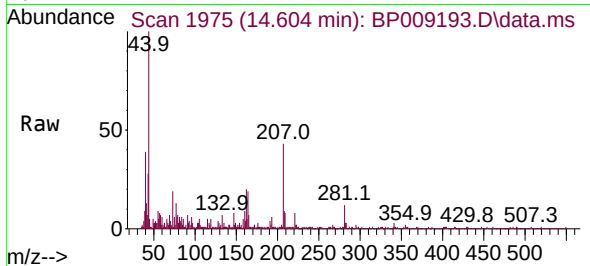




#54
2,4-Dinitrophenol
Concen: 2.177 ng
RT: 14.604 min Scan# 1975
Delta R.T. 0.018 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

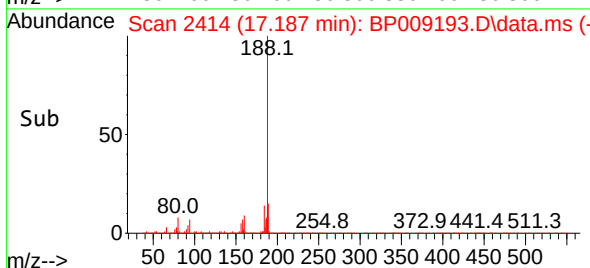
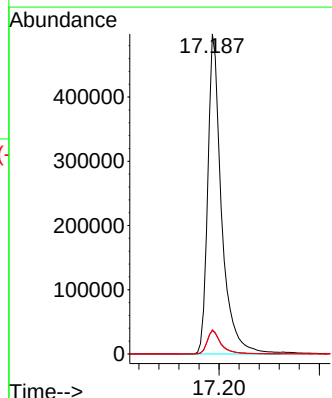
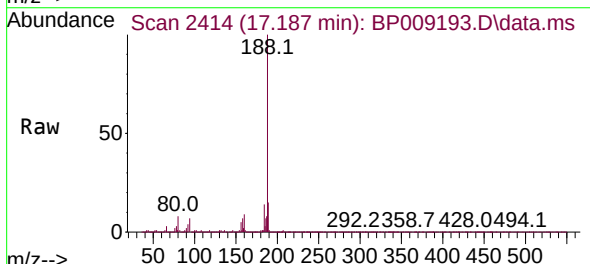
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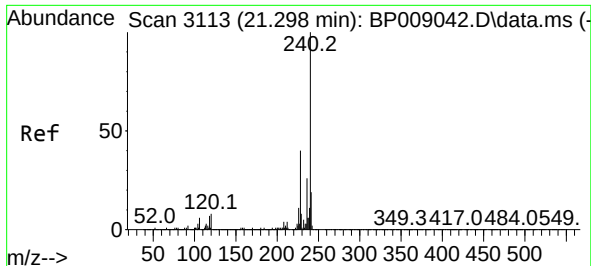
Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 251.9 35.6 53.4#
154 314.8 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

Tgt Ion:188 Resp: 949784
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.5 7.2 10.8

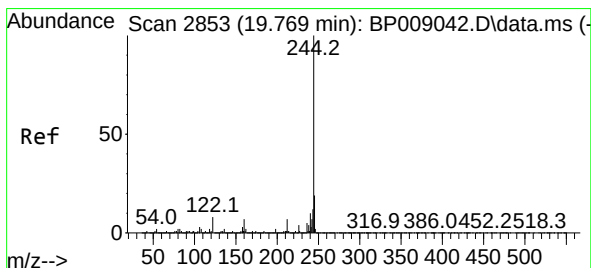
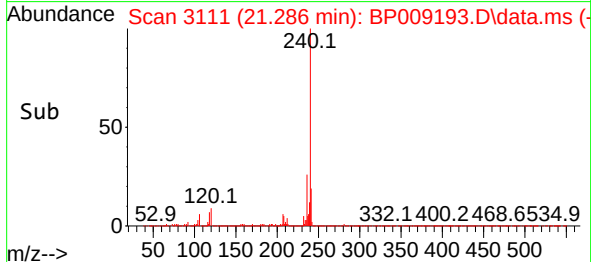
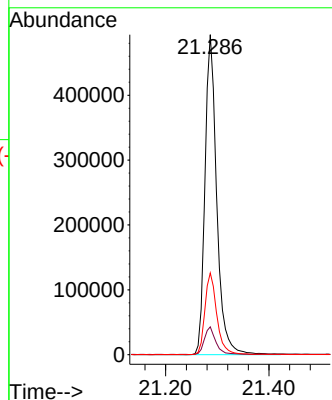
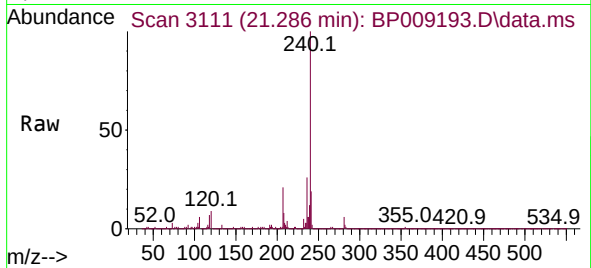




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

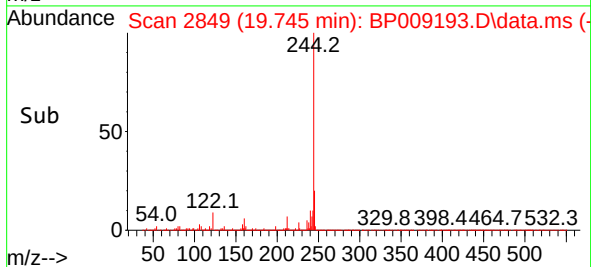
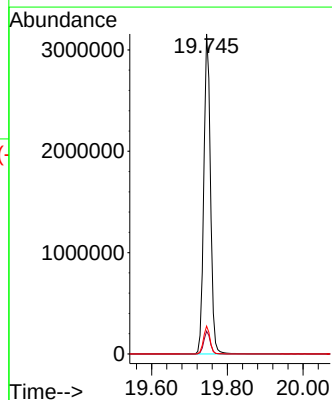
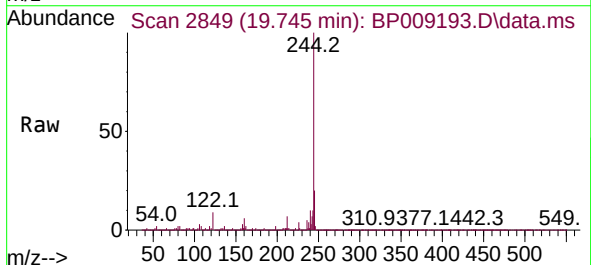
Instrument :
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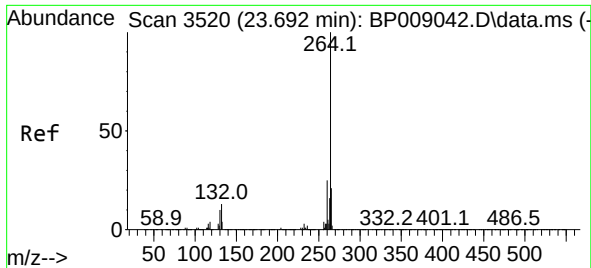
Tgt Ion:240 Resp: 778239
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 25.5 21.2 31.8



#79
Terphenyl-d14
Concen: 89.392 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009193.D
Acq: 17 Feb 2022 13:51

Tgt Ion:244 Resp: 3868514
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 8.7 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.674 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP009193.D
 Acq: 17 Feb 2022 13:51

Instrument :
 BNA_P
 ClientSampleId :
 PB142728BL

Tgt Ion:264 Resp: 847114
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.1 28.7
 265 22.8 17.1 25.7

