

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
 Data File : BP009047.D
 Acq On : 07 Feb 2022 15:14
 Operator : CG/JU
 Sample : PB142454BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142454BL

Quant Time: Feb 07 15:52:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

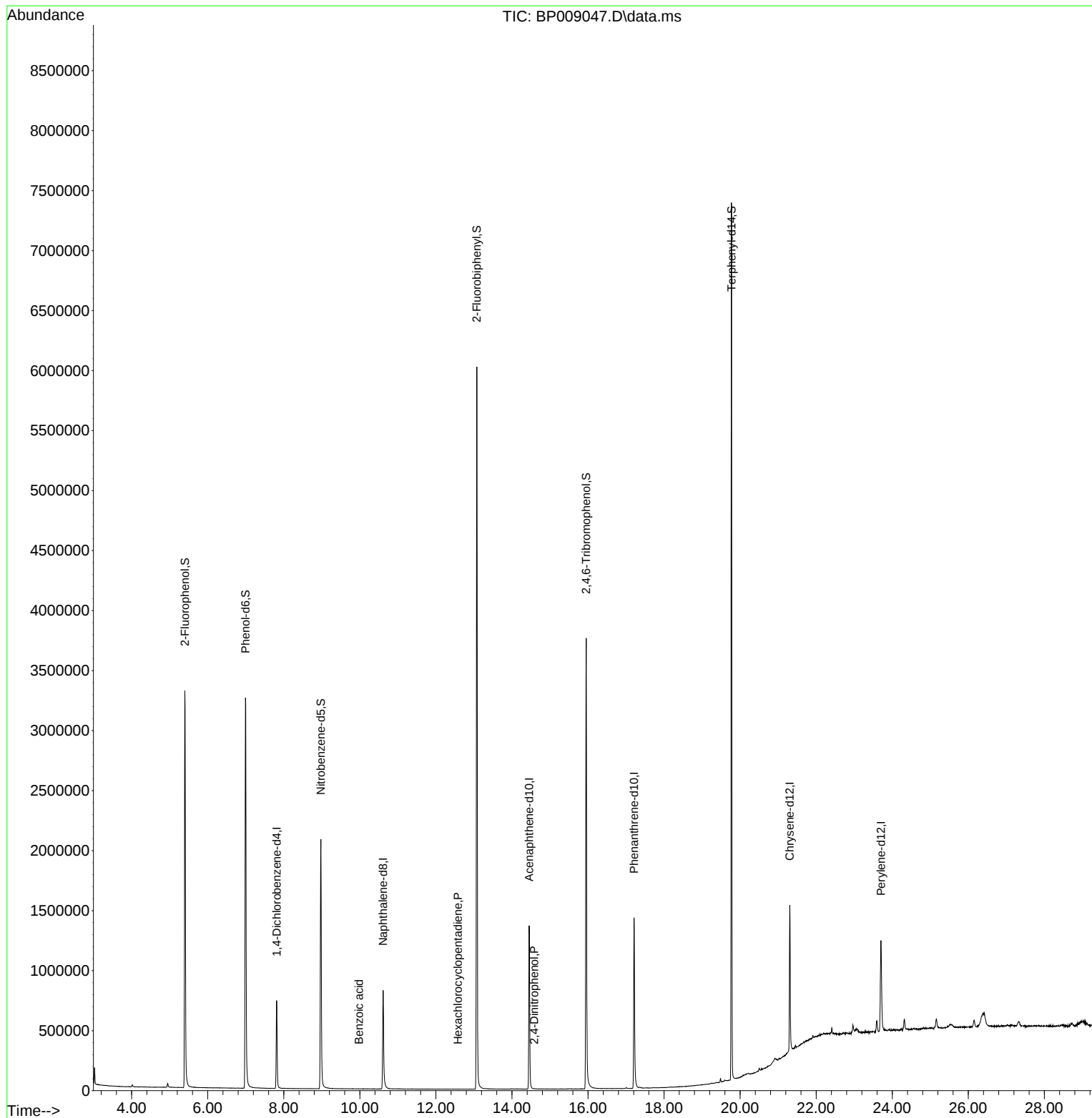
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	225528	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	875705	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	551849	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1038539	20.000	ng	0.00
76) Chrysene-d12	21.304	240	707890	20.000	ng	0.00
86) Perylene-d12	23.704	264	674779	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1741884	137.774	ng	0.00
7) Phenol-d6	6.993	99	2198148	131.947	ng	0.00
23) Nitrobenzene-d5	8.975	82	1347954	86.806	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	887324	120.426	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3426625	86.924	ng	0.00
79) Terphenyl-d14	19.775	244	3745805	95.159	ng	0.00
Target Compounds						
32) Benzoic acid	9.975	122	82	2.699	ng	# 1
41) Hexachlorocyclopentadiene	12.575	237	19	8.658	ng	97
54) 2,4-Dinitrophenol	14.587	184	7	2.168	ng	# 1

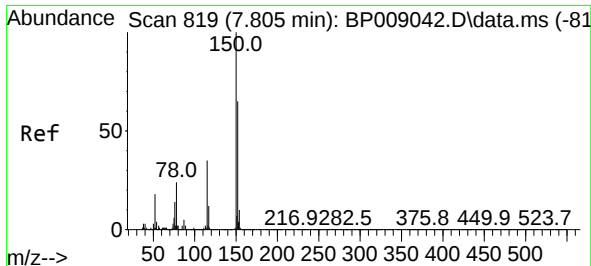
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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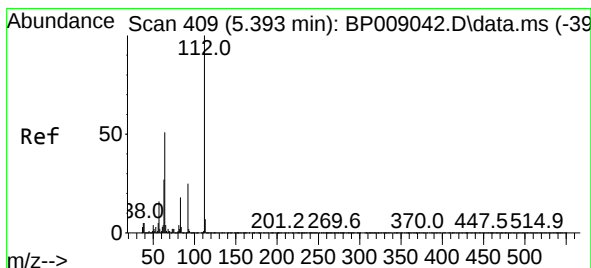
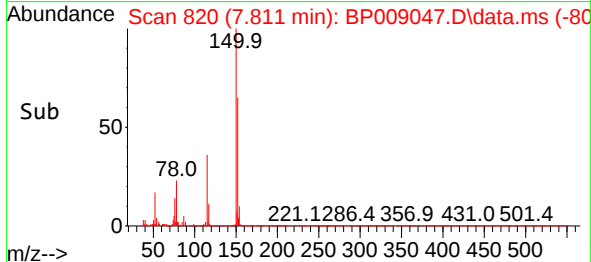
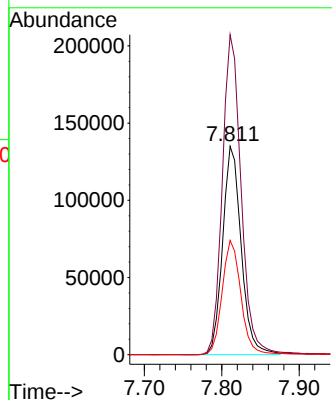
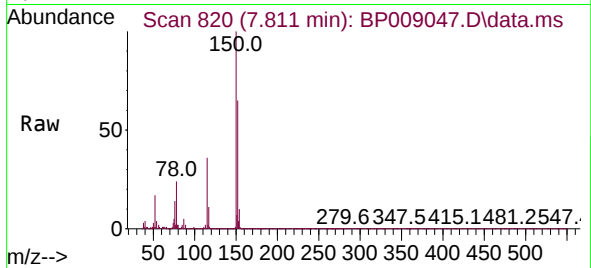




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

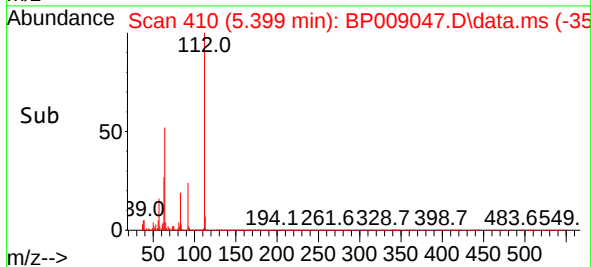
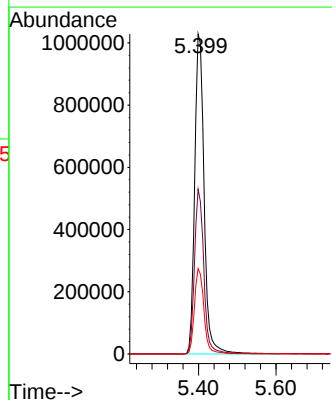
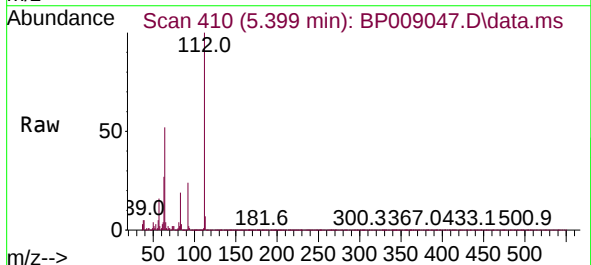
Instrument :
BNA_P
ClientSampleId :
PB142454BL

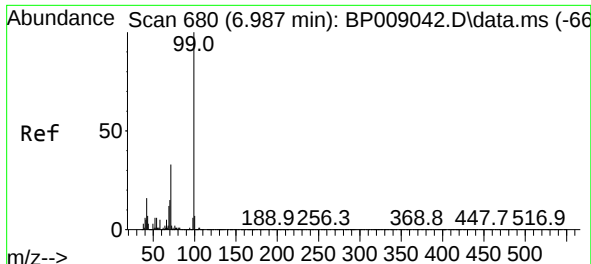
Tgt Ion:152 Resp: 225528
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 54.8 43.7 65.5



#5
2-Fluorophenol
Concen: 137.774 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion:112 Resp: 1741884
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 26.7 20.0 30.0

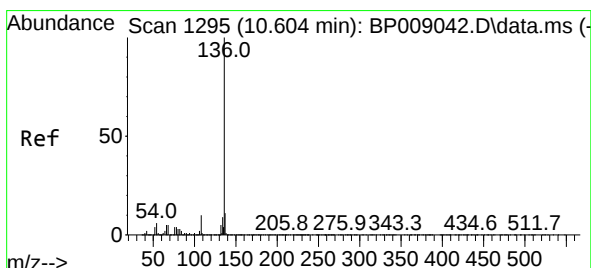
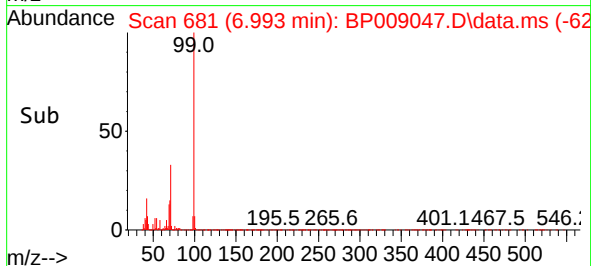
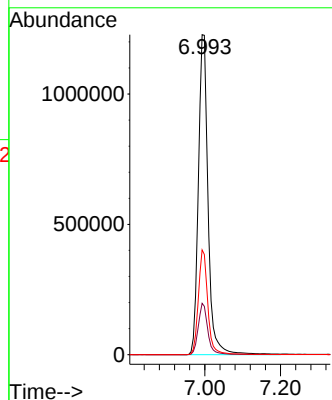
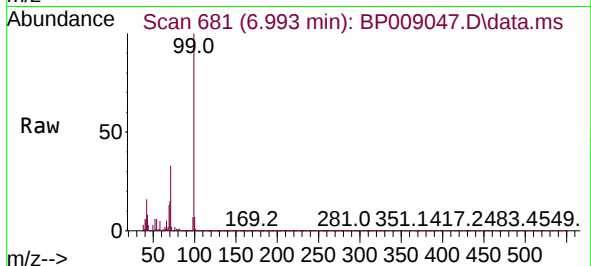




#7
Phenol-d6
Concen: 131.947 ng
RT: 6.993 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

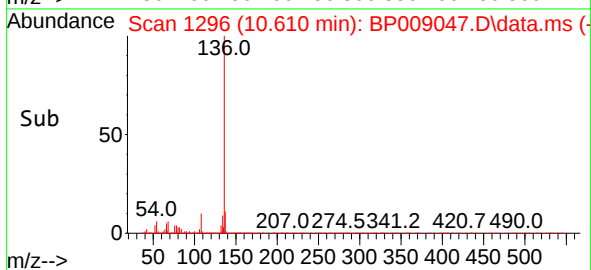
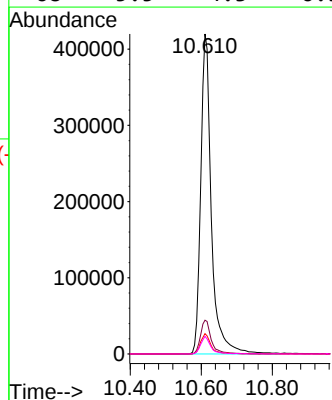
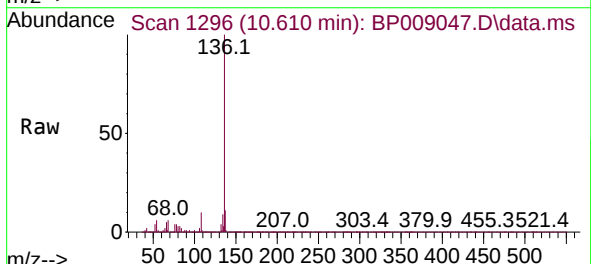
Instrument :
BNA_P
ClientSampleId :
PB142454BL

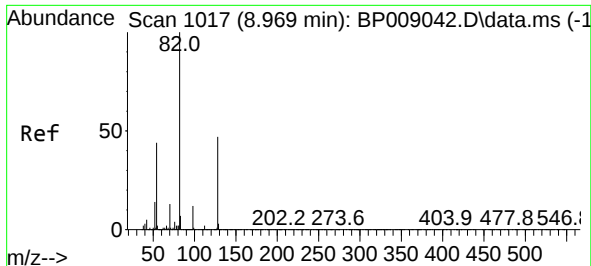
Tgt Ion: 99 Resp: 2198148
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 32.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion: 136 Resp: 875705
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.3 4.9 7.3
68 5.5 4.3 6.5

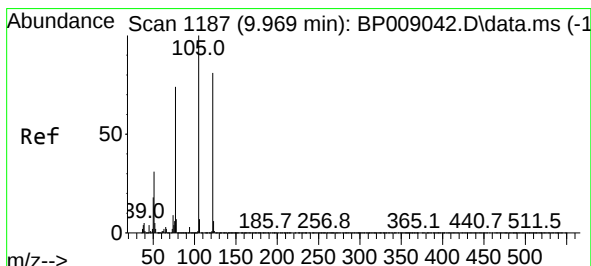
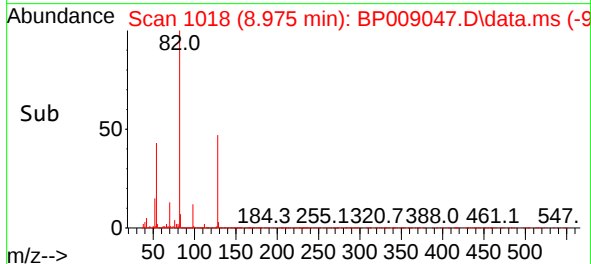
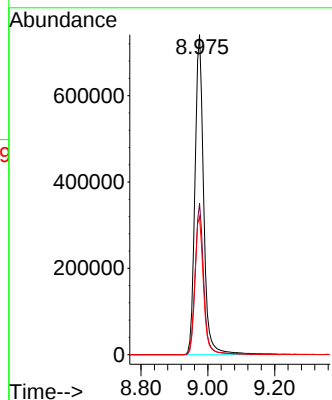
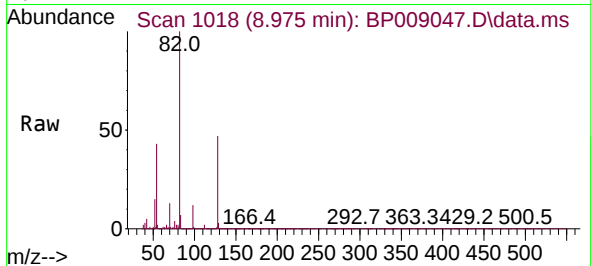




#23
Nitrobenzene-d5
Concen: 86.806 ng
RT: 8.975 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

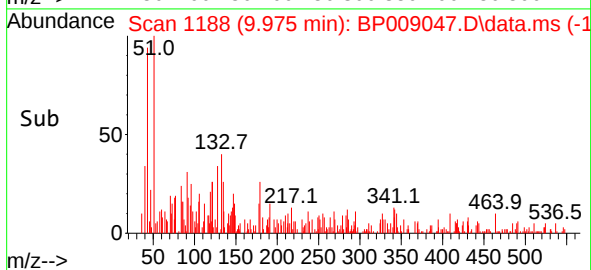
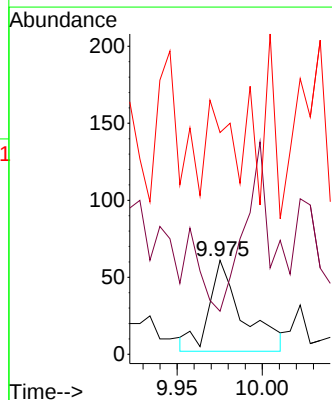
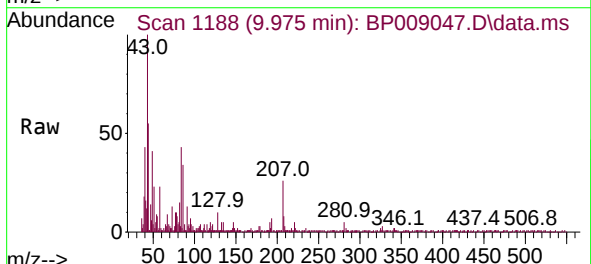
Instrument :
BNA_P
ClientSampleId :
PB142454BL

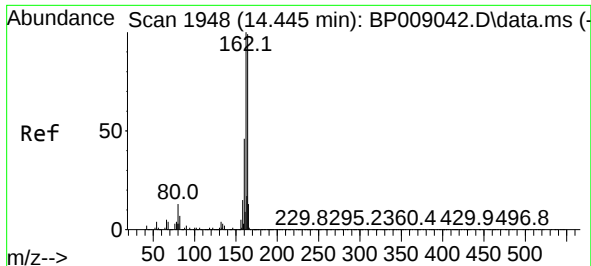
Tgt Ion: 82 Resp: 1347954
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 43.1 32.6 48.8



#32
Benzoic acid
Concen: 2.699 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion: 122 Resp: 82
Ion Ratio Lower Upper
122 100
105 45.9 100.1 140.1#
77 236.1 65.5 105.5#

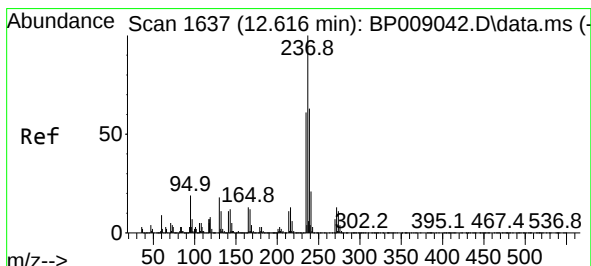
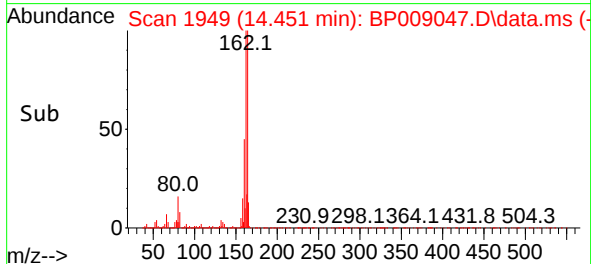
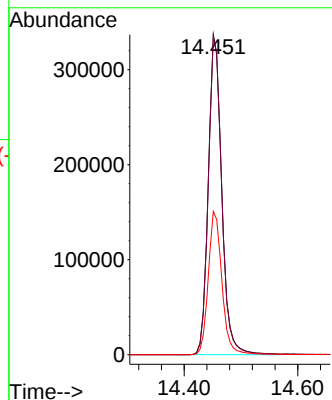
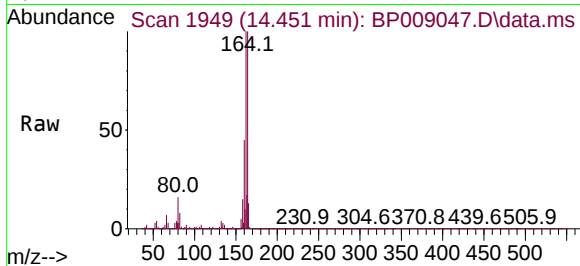




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

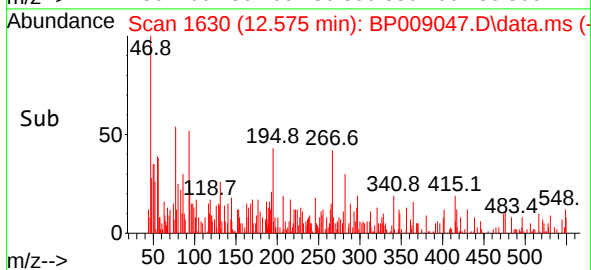
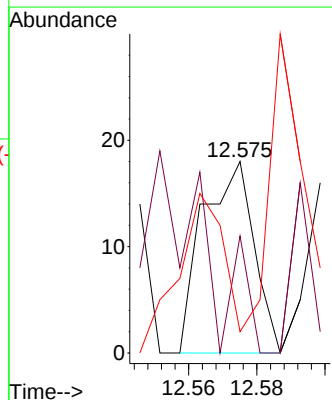
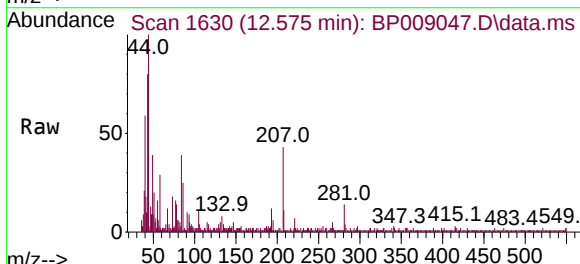
Instrument :
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ClientSampleId :
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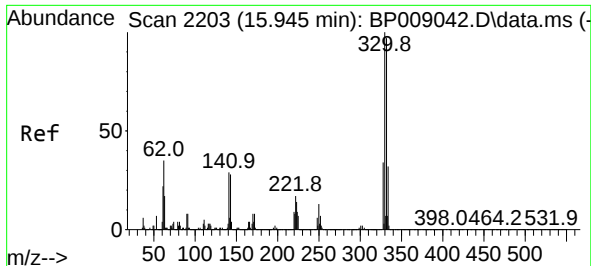
Tgt Ion:164 Resp: 551849
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.7 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.041 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 61.1 42.9 82.9
272 11.1 0.0 33.8

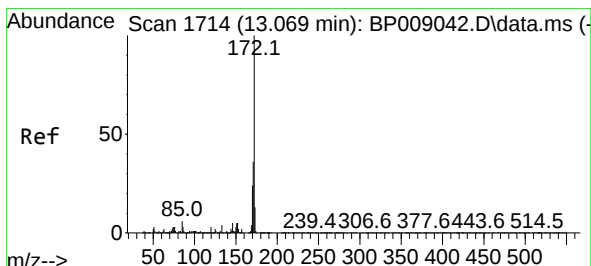
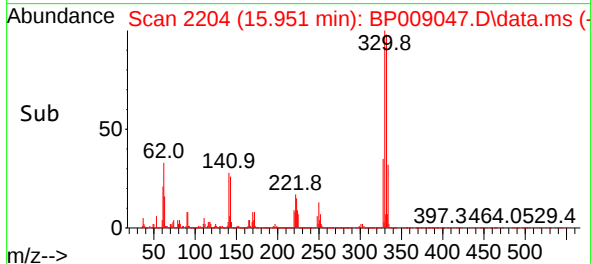
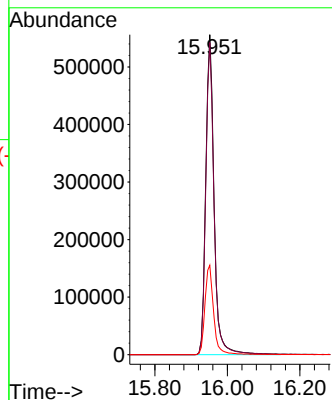
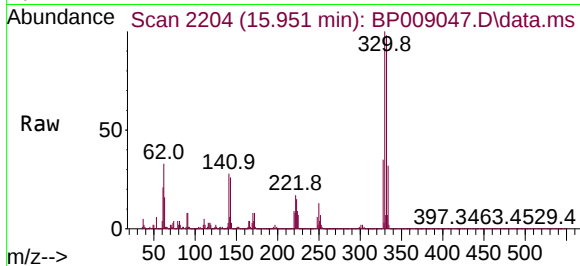




#42
2,4,6-Tribromophenol
Concen: 120.426 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

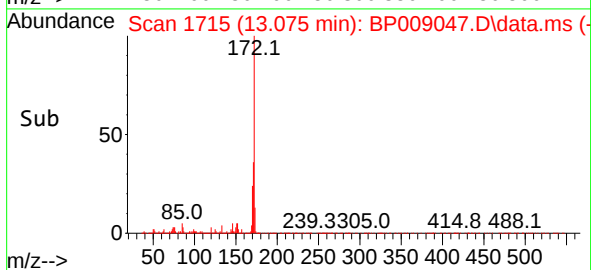
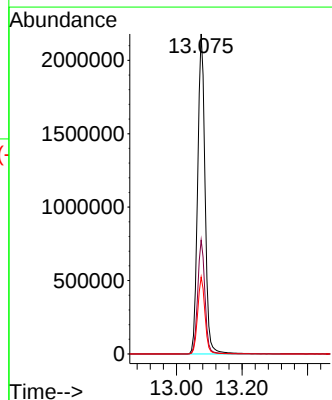
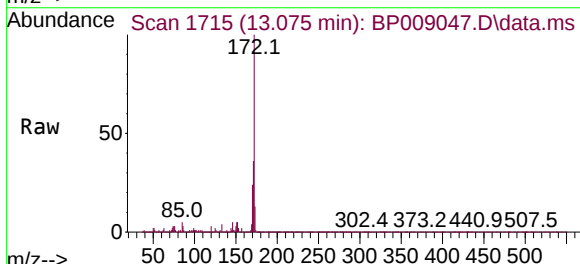
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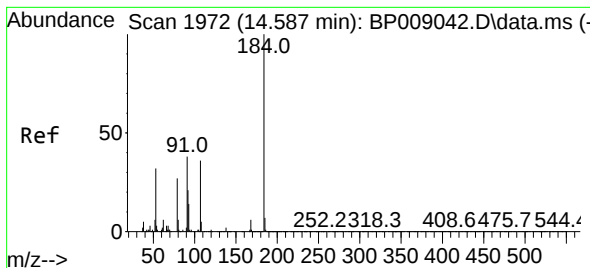
Tgt Ion:330 Resp: 887324
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 29.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 86.924 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion:172 Resp: 3426625
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3

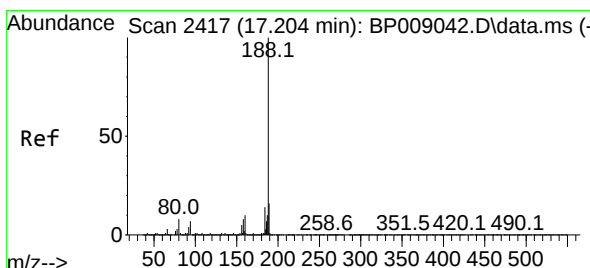
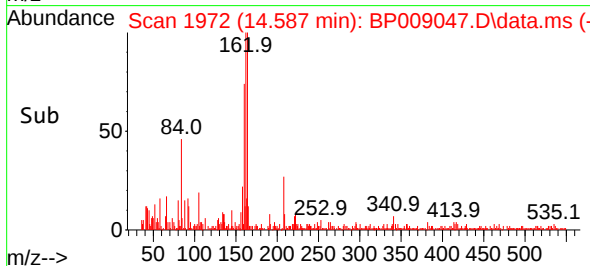
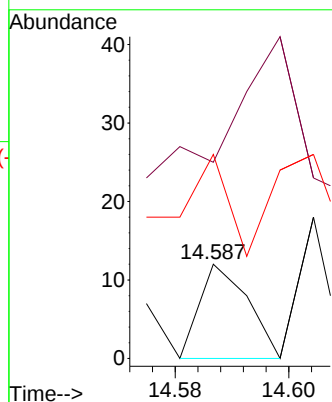
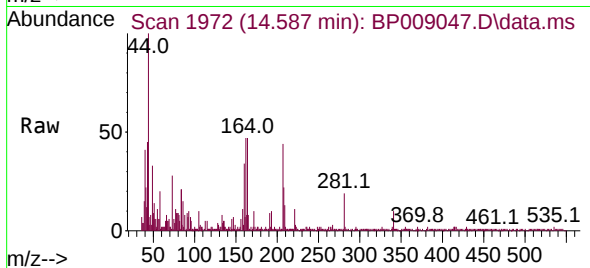




#54
2,4-Dinitrophenol
Concen: 2.168 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

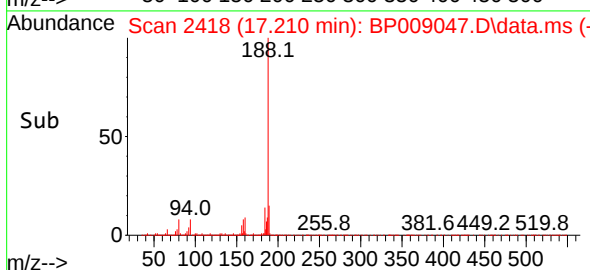
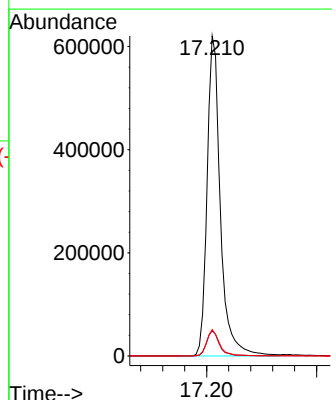
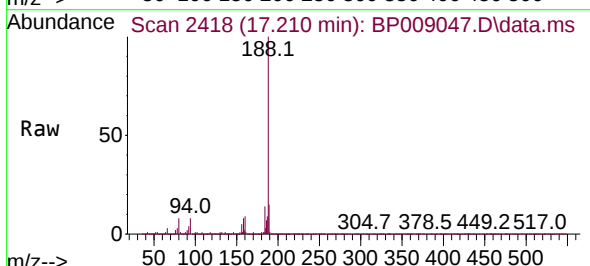
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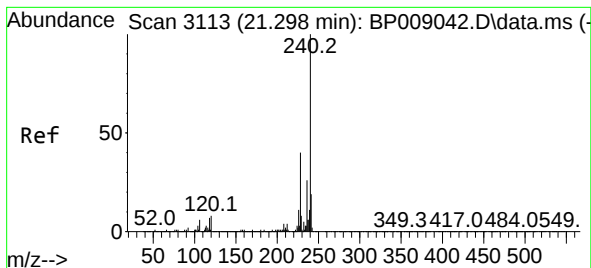
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 208.3 35.6 53.4#
154 216.7 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009047.D
Acq: 07 Feb 2022 15:14

Tgt Ion:188 Resp: 1038539
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.3 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009047.D

Acq: 07 Feb 2022 15:14

Instrument :

BNA_P

ClientSampleId :

PB142454BL

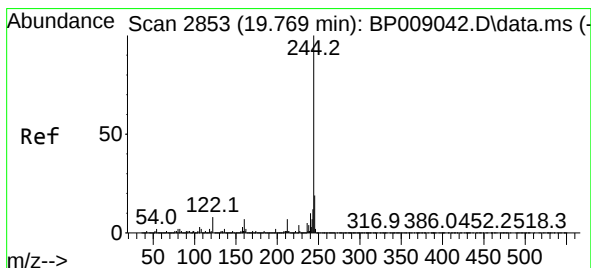
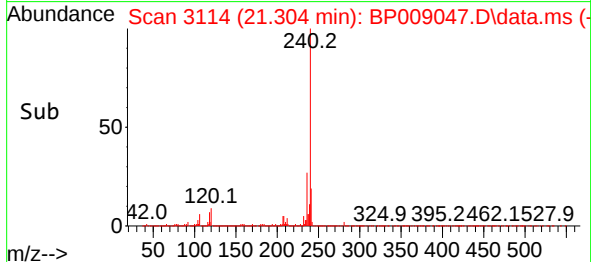
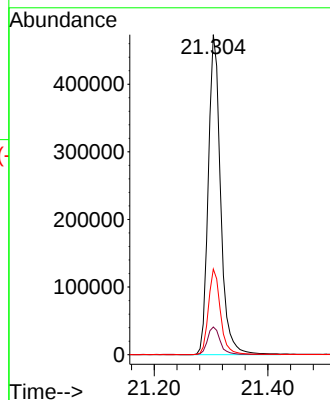
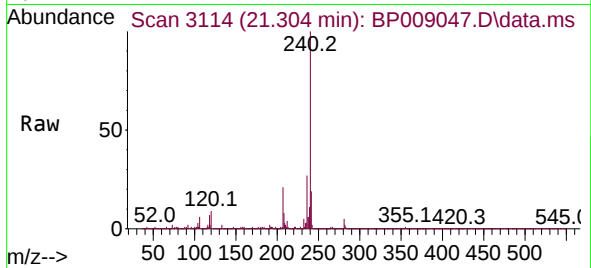
Tgt Ion:240 Resp: 707890

Ion Ratio Lower Upper

240 100

120 8.7 7.7 11.5

236 26.7 21.2 31.8



#79

Terphenyl-d14

Concen: 95.159 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.006 min

Lab File: BP009047.D

Acq: 07 Feb 2022 15:14

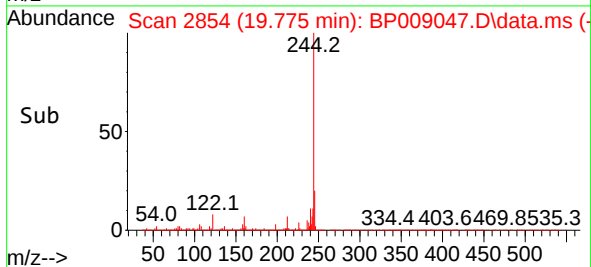
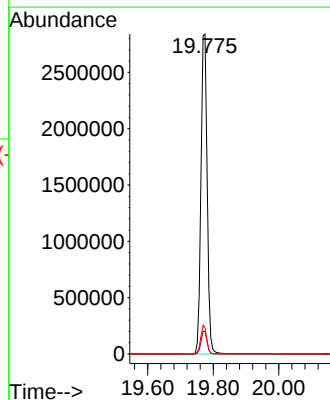
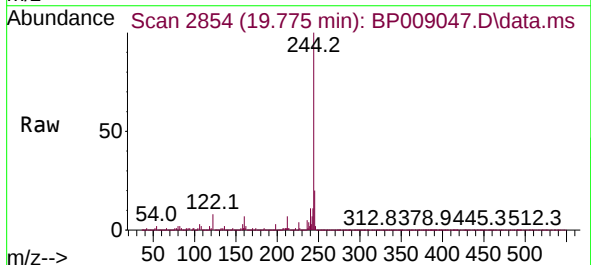
Tgt Ion:244 Resp: 3745805

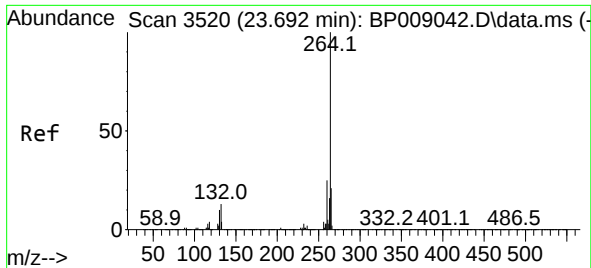
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 8.3 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009047.D
 Acq: 07 Feb 2022 15:14

Instrument :
 BNA_P
 ClientSampleId :
 PB142454BL

Tgt Ion:264 Resp: 674779
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.5 17.1 25.7

