

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009132.D
 Acq On : 14 Feb 2022 13:34
 Operator : CG/JU
 Sample : PB142649BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142649BL

Quant Time: Feb 14 15:08:31 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)

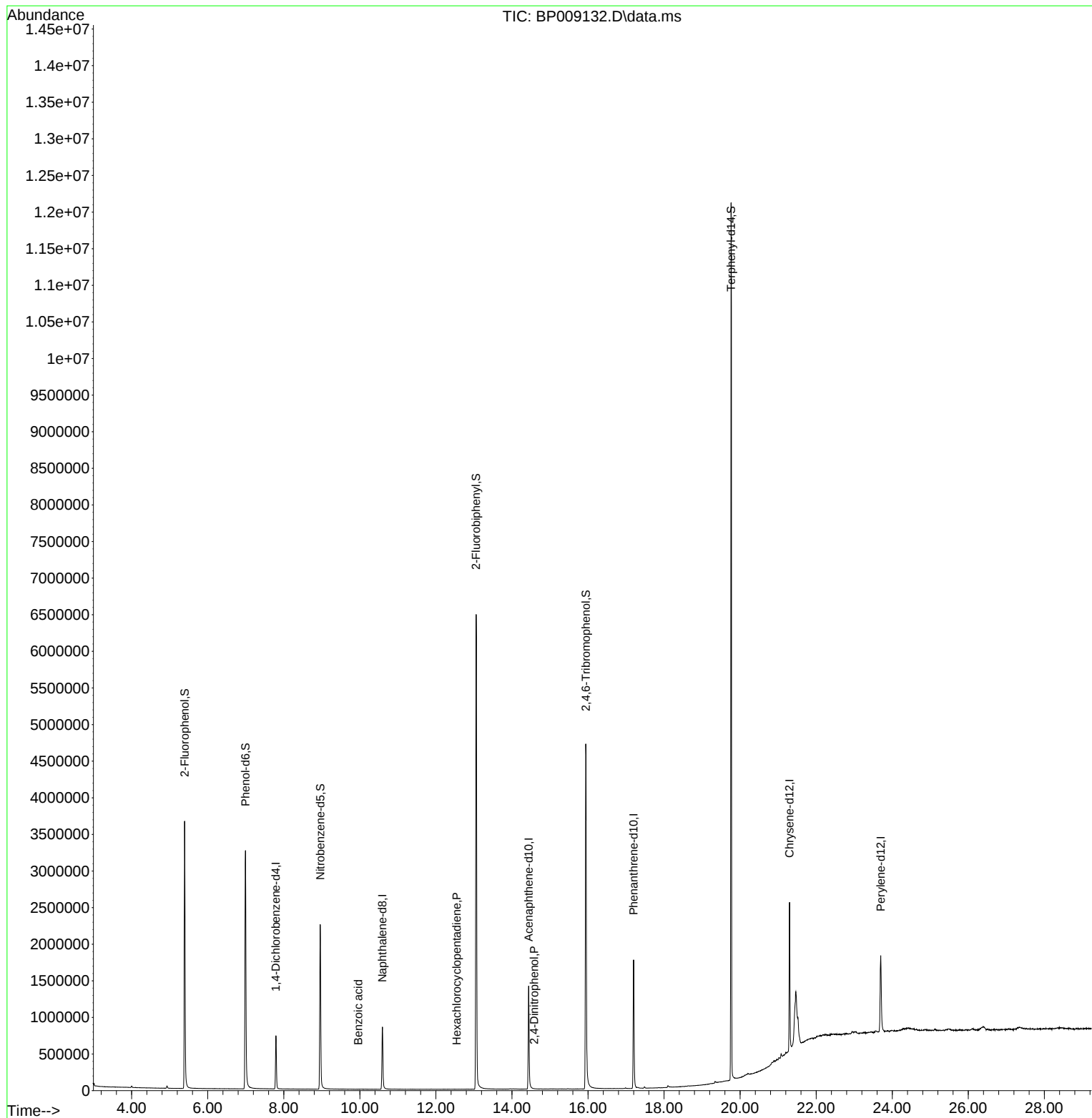
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	222957	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	848053	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	597762	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1278168	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1101653	20.000	ng	0.00
86) Perylene-d12	23.698	264	959260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1871324	149.718	ng	0.00
7) Phenol-d6	6.993	99	2295029	139.351	ng	0.00
23) Nitrobenzene-d5	8.958	82	1454908	96.748	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	1270481	159.184	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3969112	92.952	ng	-0.01
79) Terphenyl-d14	19.763	244	6114959	99.820	ng	0.00
Target Compounds						
32) Benzoic acid	9.958	122	67	2.697	ng	# 1
41) Hexachlorocyclopentadiene	12.546	237	40	8.661	ng	86
54) 2,4-Dinitrophenol	14.587	184	19	2.171	ng	# 1

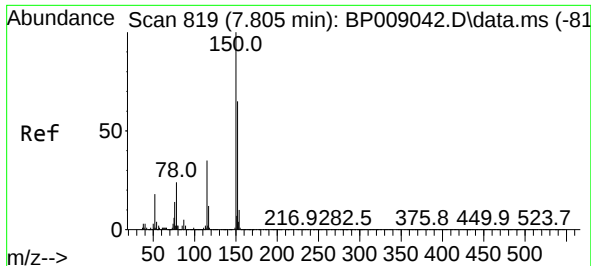
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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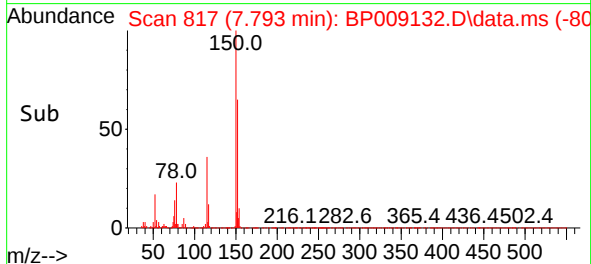
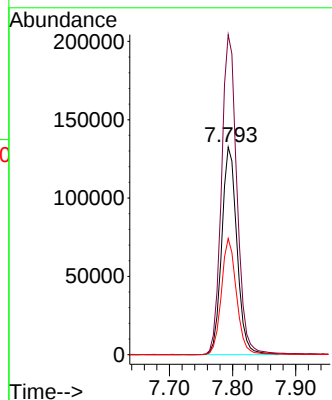
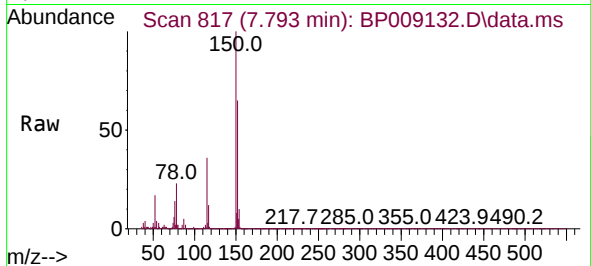




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

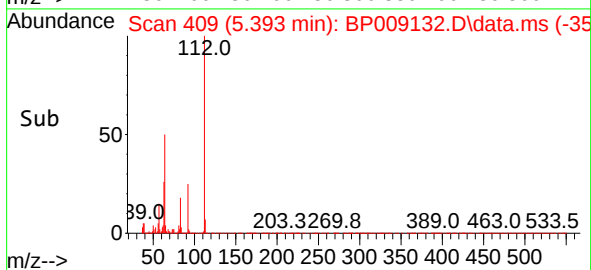
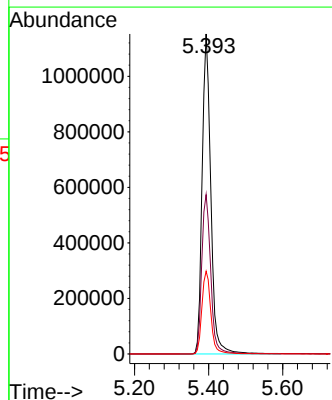
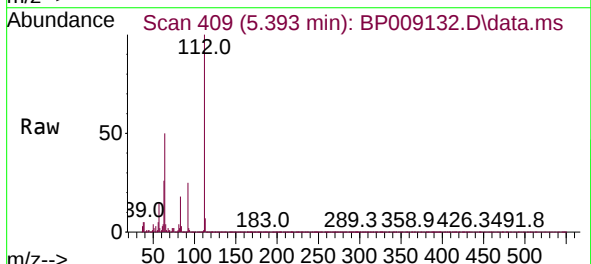
Instrument :
BNA_P
ClientSampleId :
PB142649BL

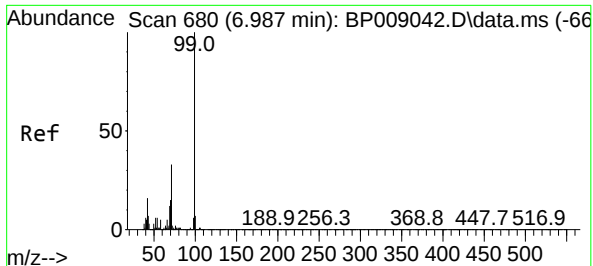
Tgt Ion:152 Resp: 222957
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 55.9 43.7 65.5



#5
2-Fluorophenol
Concen: 149.718 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:112 Resp: 1871324
Ion Ratio Lower Upper
112 100
64 49.8 39.7 59.5
63 25.9 20.0 30.0

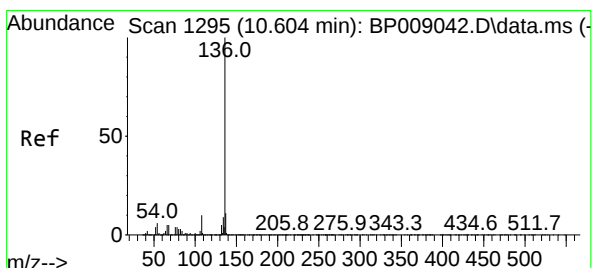
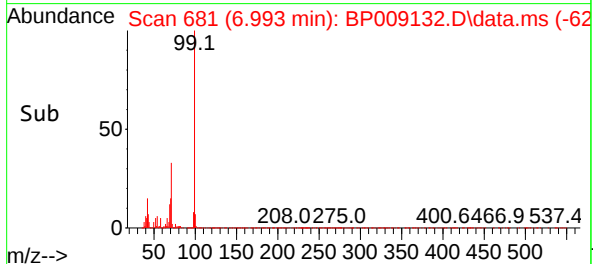
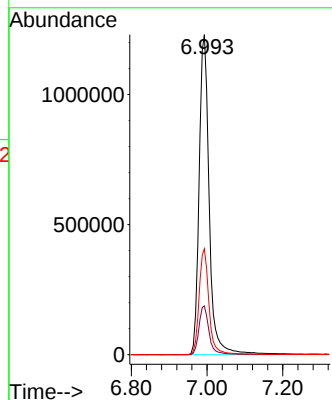
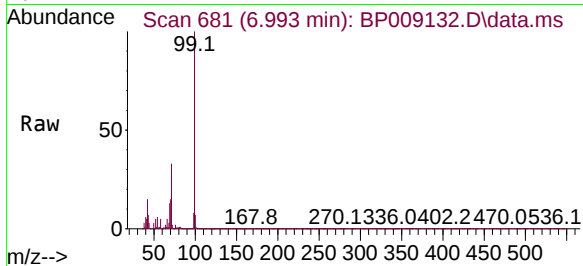




#7
Phenol-d6
Concen: 139.351 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

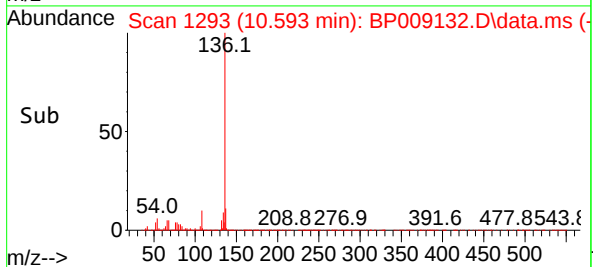
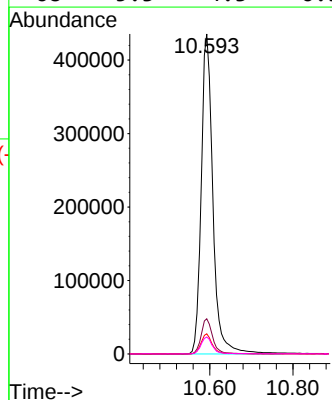
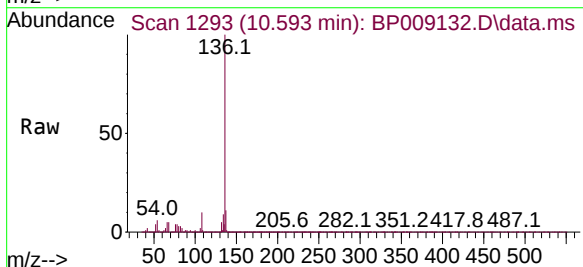
Instrument :
BNA_P
ClientSampleId :
PB142649BL

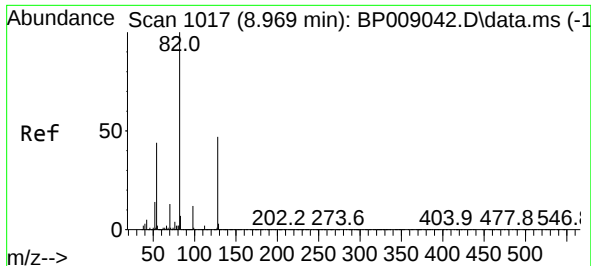
Tgt Ion: 99 Resp: 2295029
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 33.1 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion: 136 Resp: 848053
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 4.9 7.3
68 5.3 4.3 6.5

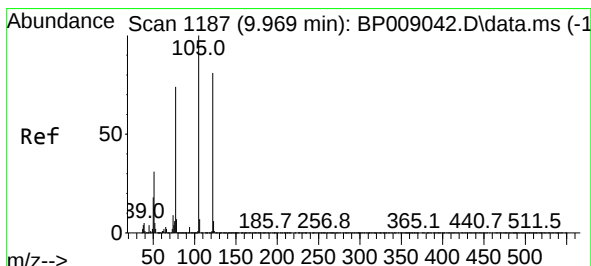
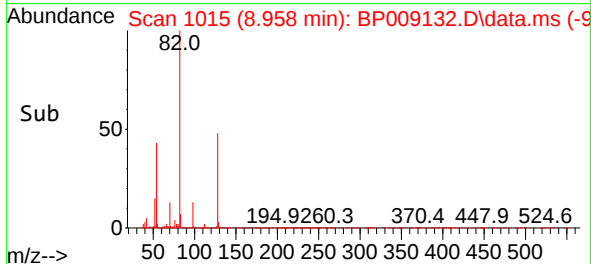
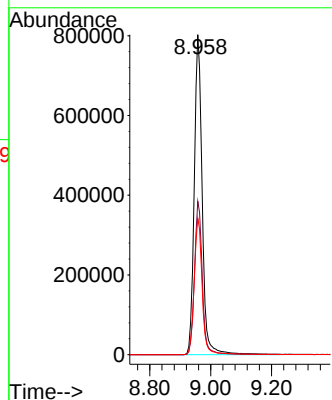
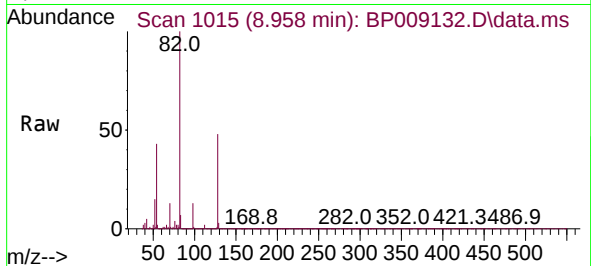




#23
Nitrobenzene-d5
Concen: 96.748 ng
RT: 8.958 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

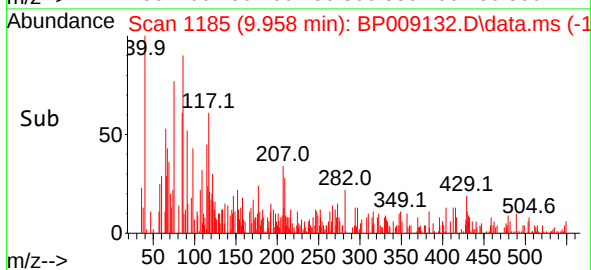
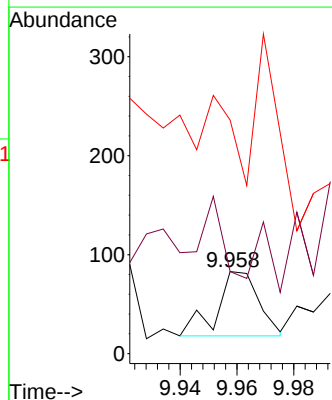
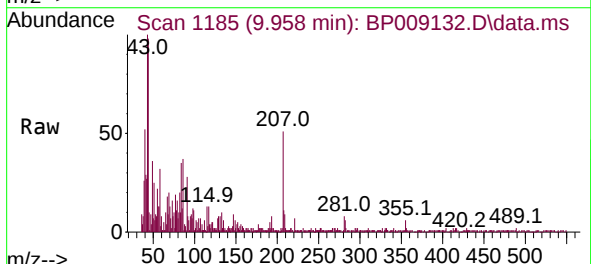
Instrument :
BNA_P
ClientSampleId :
PB142649BL

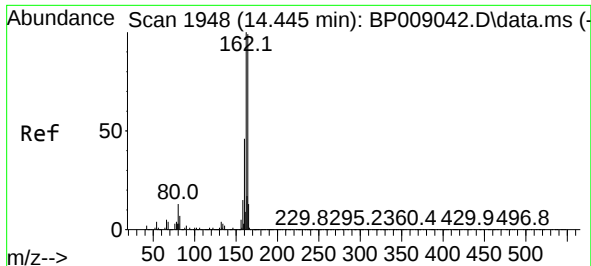
Tgt Ion: 82 Resp: 1454908
Ion Ratio Lower Upper
82 100
128 47.9 39.4 59.2
54 42.6 32.6 48.8



#32
Benzoic acid
Concen: 2.697 ng
RT: 9.958 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 100.0 100.1 140.1#
77 284.3 65.5 105.5#

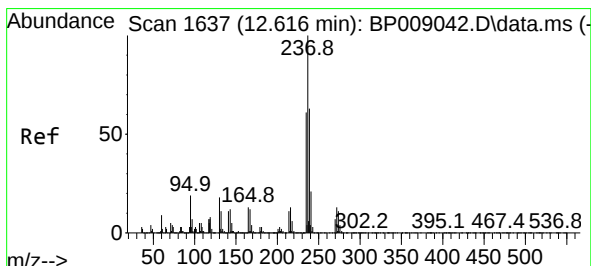
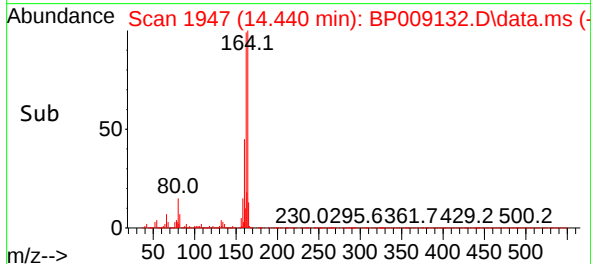
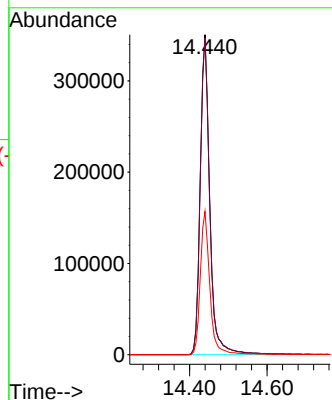
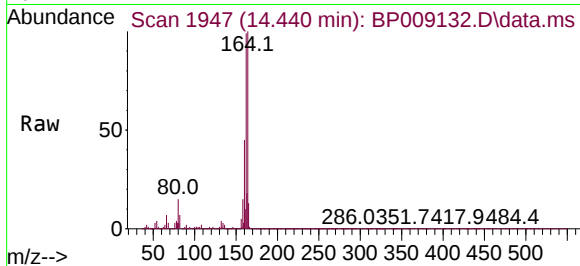




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1948
Delta R.T. -0.005 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

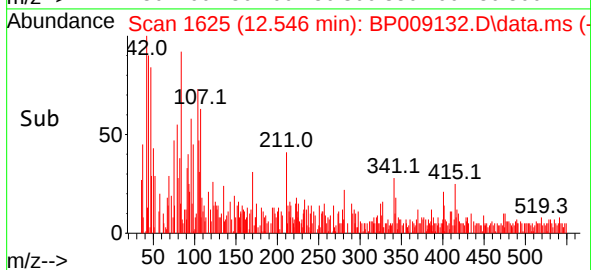
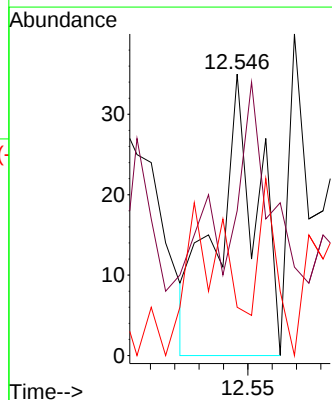
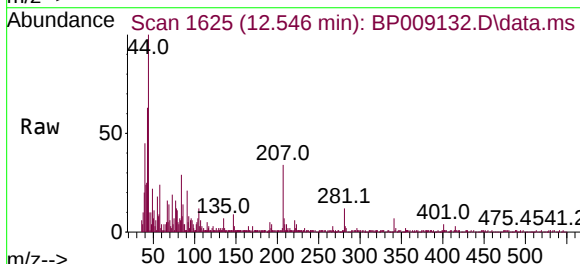
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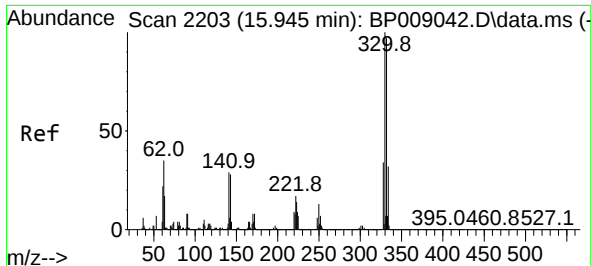
Tgt Ion:164 Resp: 597762
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 44.8 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.546 min Scan# 1625
Delta R.T. -0.070 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:237 Resp: 40
Ion Ratio Lower Upper
237 100
235 51.4 42.9 82.9
272 17.1 0.0 33.8

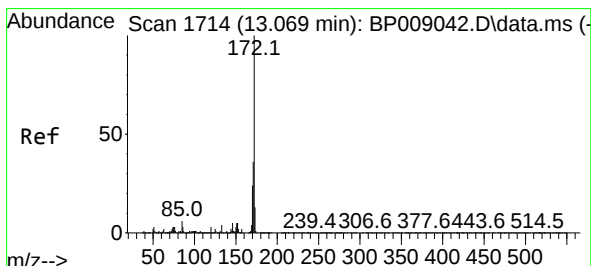
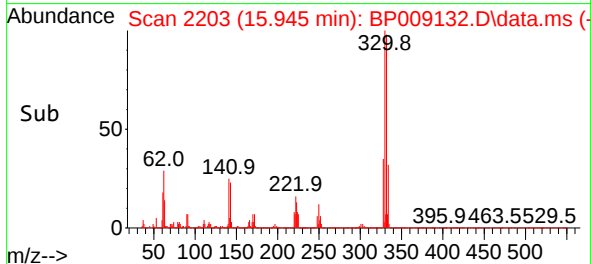
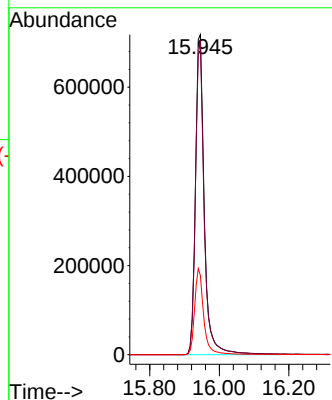
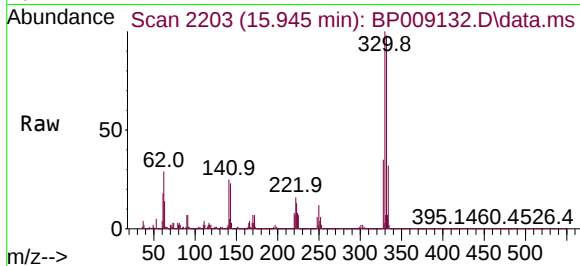




#42
2,4,6-Tribromophenol
Concen: 159.184 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

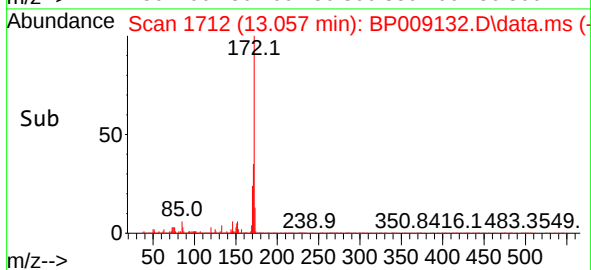
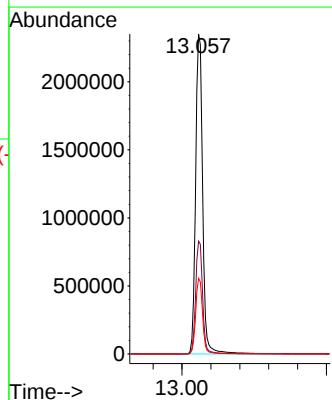
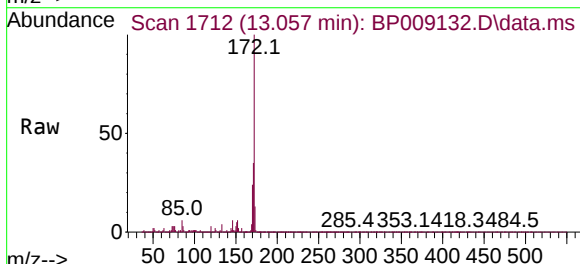
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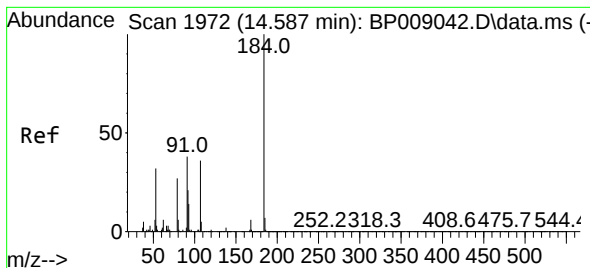
Tgt Ion:330 Resp: 1270481
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 92.952 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:172 Resp: 3969112
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.6 19.5 29.3

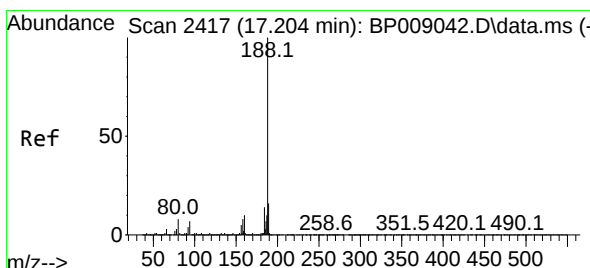
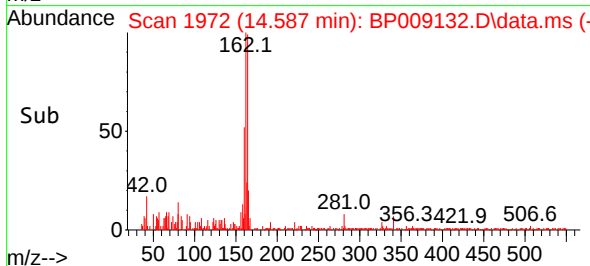
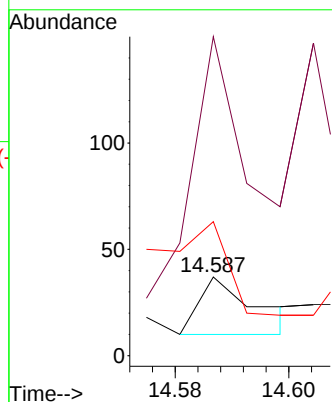
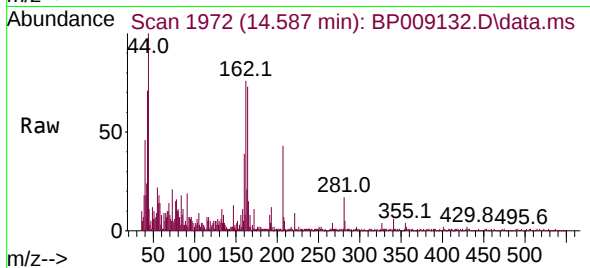




#54
2,4-Dinitrophenol
Concen: 2.171 ng
RT: 14.587 min Scan# 19
Delta R.T. -0.000 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

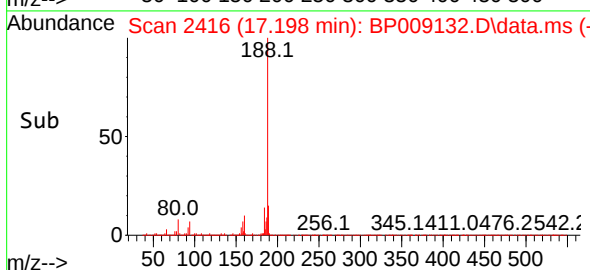
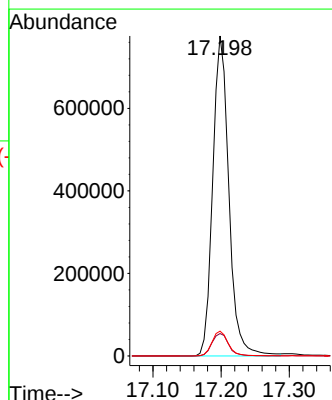
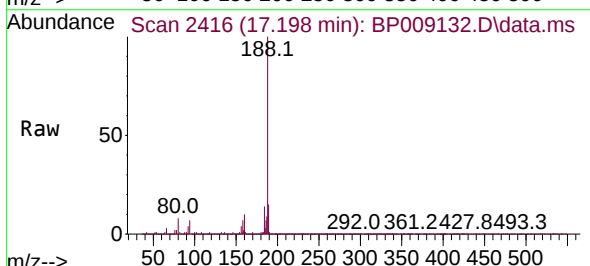
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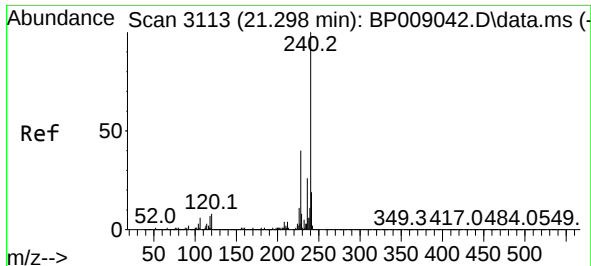
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 405.4 35.6 53.4#
154 170.3 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:188 Resp: 1278168
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.8 7.2 10.8

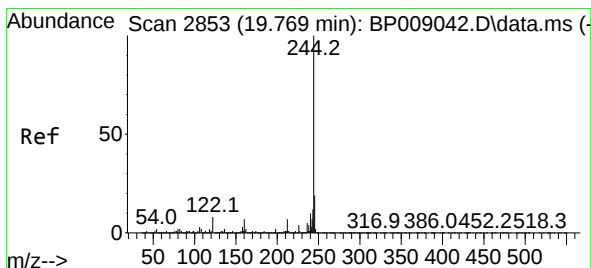
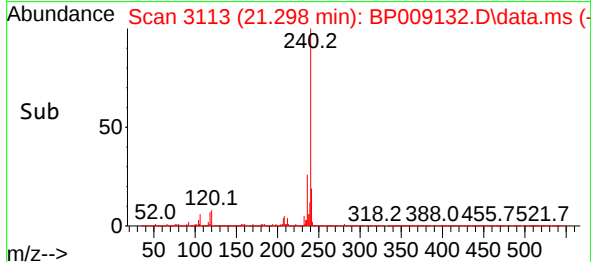
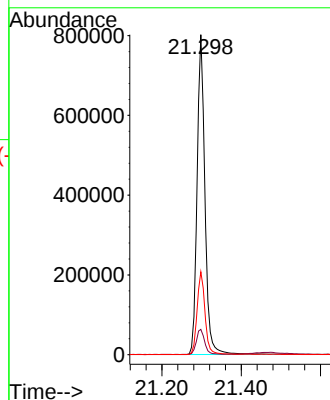
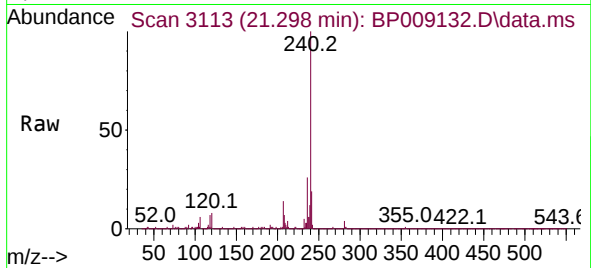




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

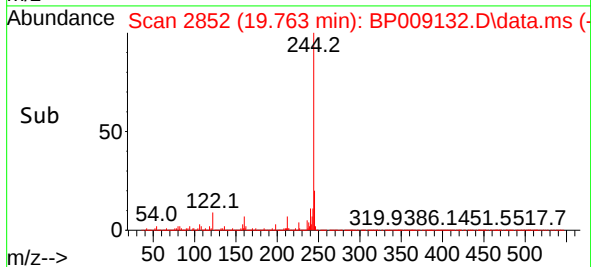
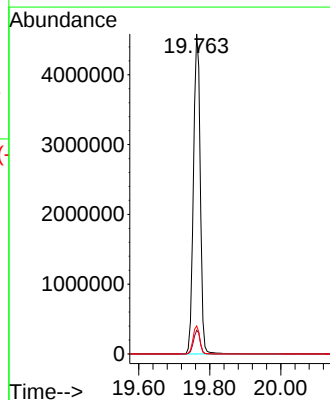
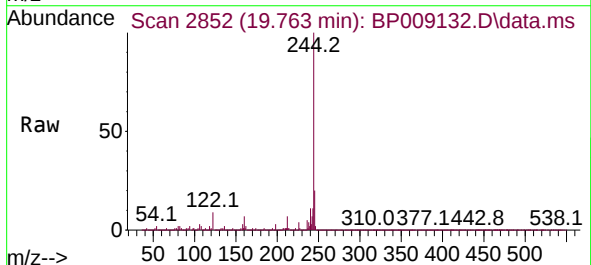
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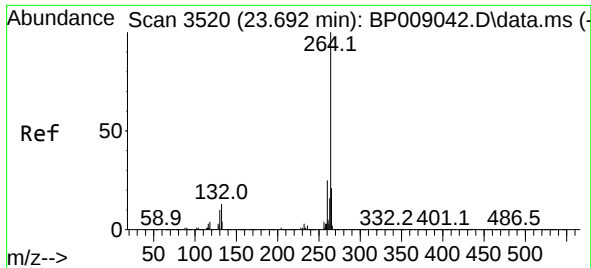
Tgt Ion:240 Resp: 1101653
Ion Ratio Lower Upper
240 100
120 7.9 7.7 11.5
236 25.9 21.2 31.8



#79
Terphenyl-d14
Concen: 99.820 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP009132.D
Acq: 14 Feb 2022 13:34

Tgt Ion:244 Resp: 6114959
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.7 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009132.D

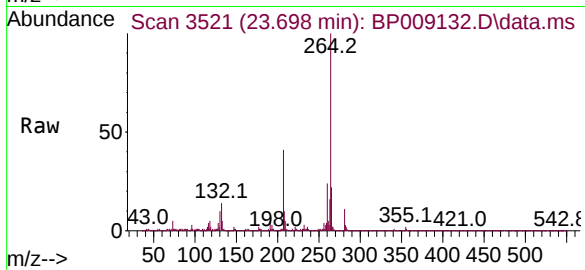
Acq: 14 Feb 2022 13:34

Instrument :

BNA_P

ClientSampleId :

PB142649BL



Tgt Ion:264 Resp: 959260

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 17.1 25.7

