

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009532.D
 Acq On : 24 Mar 2022 16:42
 Operator : CG/JU
 Sample : PB143484BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143484BL

Quant Time: Mar 25 03:15:21 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)

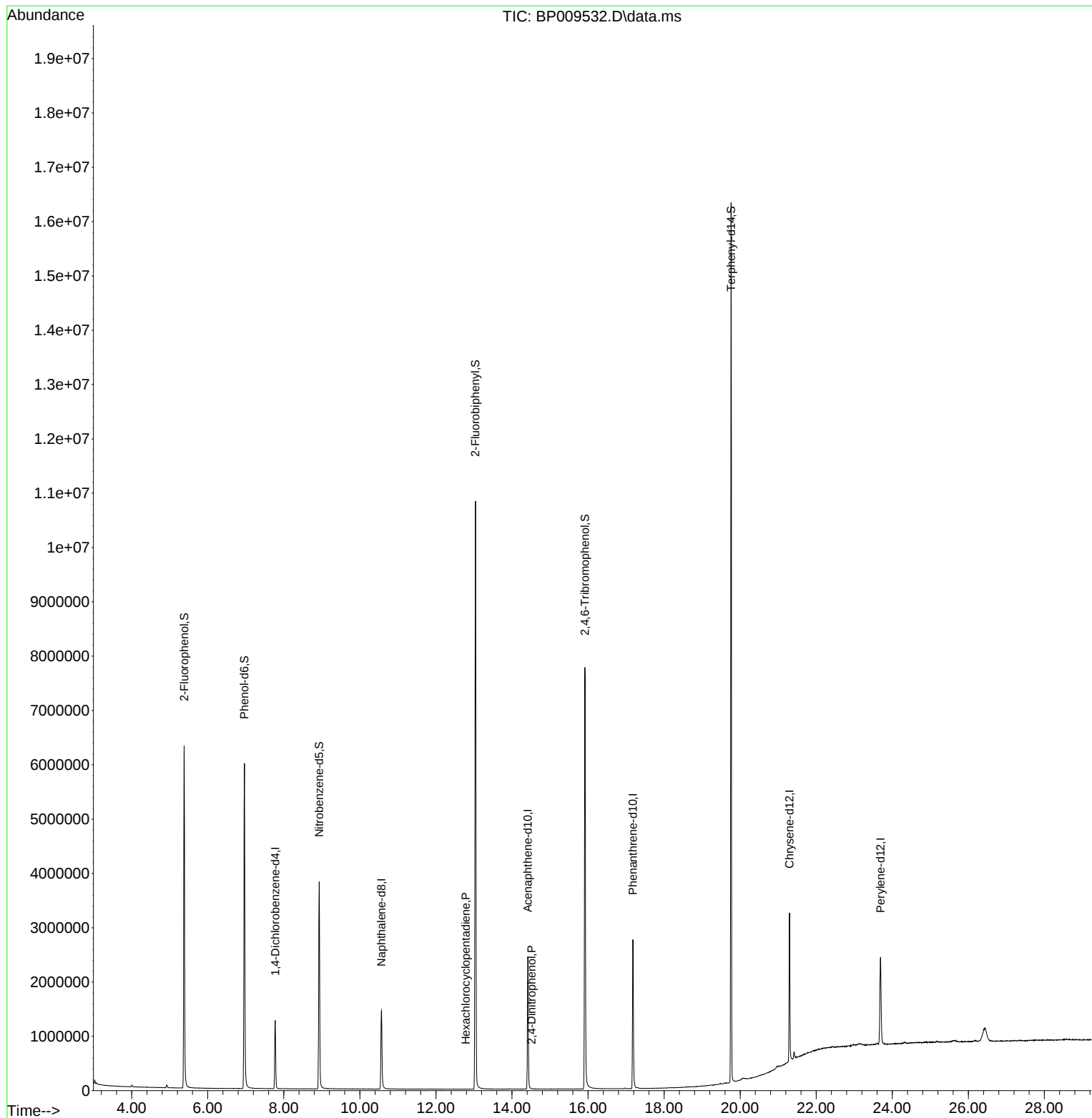
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	399045	20.000	ng	-0.01
21) Naphthalene-d8	10.569	136	1548865	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	976604	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1932196	20.000	ng	-0.02
76) Chrysene-d12	21.298	240	1558583	20.000	ng	-0.02
86) Perylene-d12	23.692	264	1460100	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3321102	145.307	ng	-0.01
7) Phenol-d6	6.963	99	4096768	132.543	ng	-0.02
23) Nitrobenzene-d5	8.928	82	2655105	91.095	ng	-0.02
42) 2,4,6-Tribromophenol	15.922	330	1917330	118.973	ng	-0.01
45) 2-Fluorobiphenyl	13.040	172	6346569	90.090	ng	-0.02
79) Terphenyl-d14	19.763	244	8472355	97.569	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.969	77	7276	Below Cal	#	7
41) Hexachlorocyclopentadiene	12.787	237	21	7.290	ng	87
54) 2,4-Dinitrophenol	14.516	184	20	4.535	ng	# 1

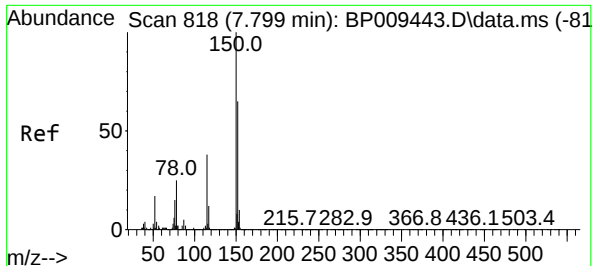
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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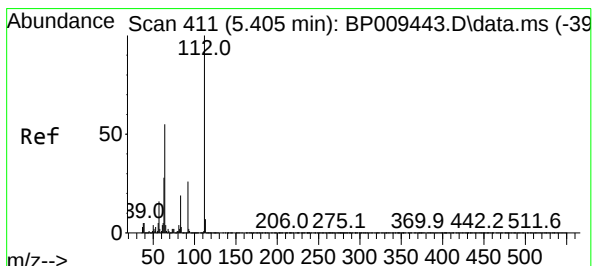
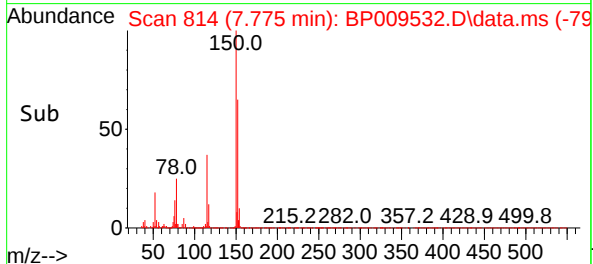
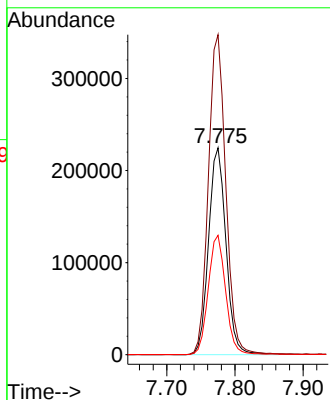
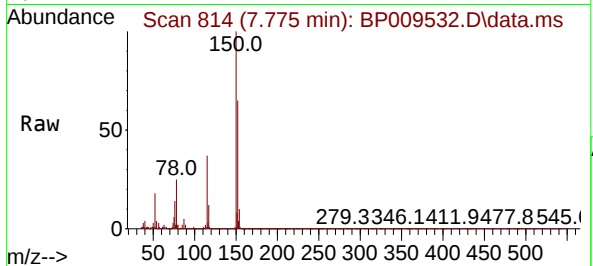




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

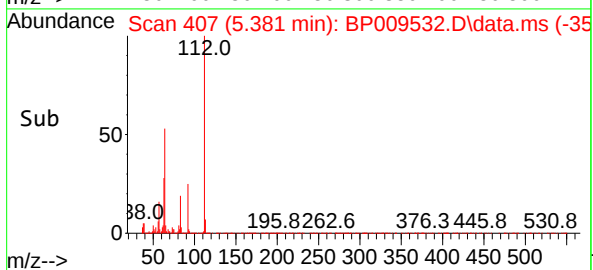
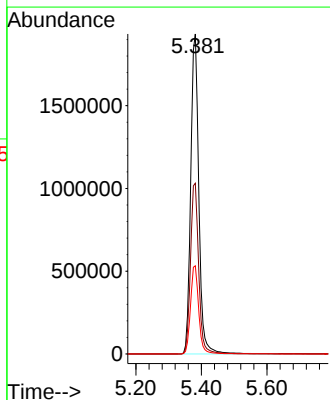
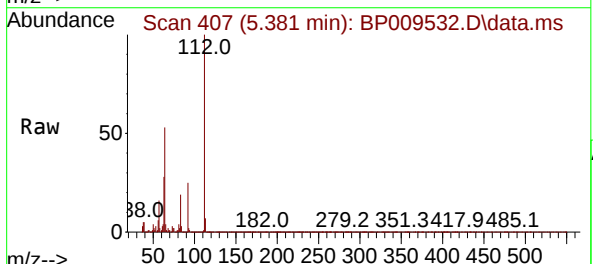
Instrument :
BNA_P
ClientSampleId :
PB143484BL

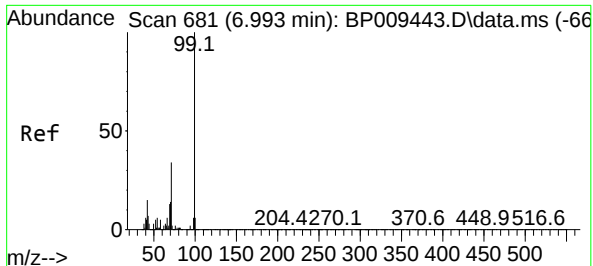
Tgt Ion:152 Resp: 399045
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 57.7 48.2 72.4



#5
2-Fluorophenol
Concen: 145.307 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.012 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

Tgt Ion:112 Resp: 3321102
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 27.6 23.0 34.6

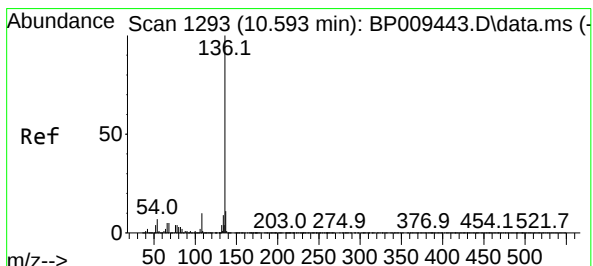
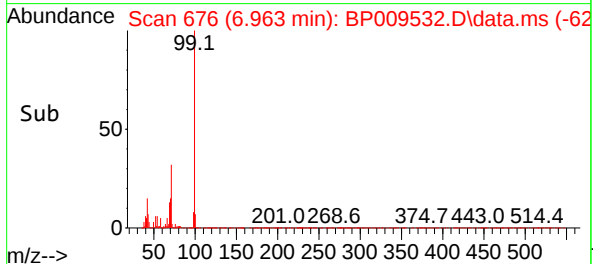
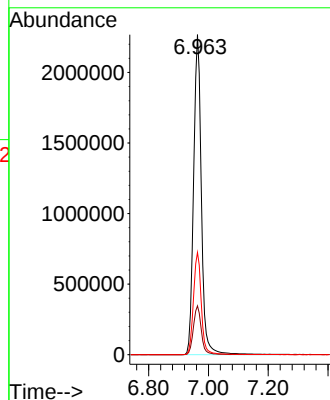
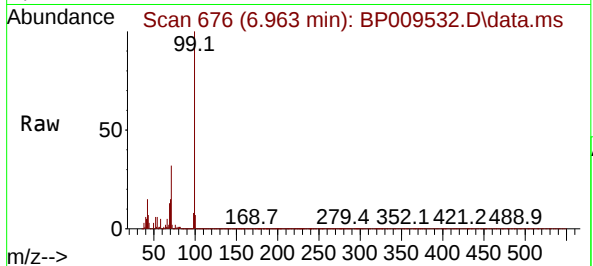




#7
Phenol-d6
Concen: 132.543 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

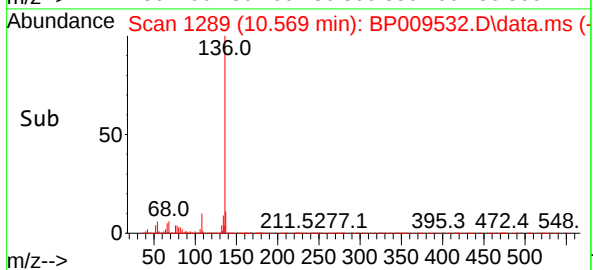
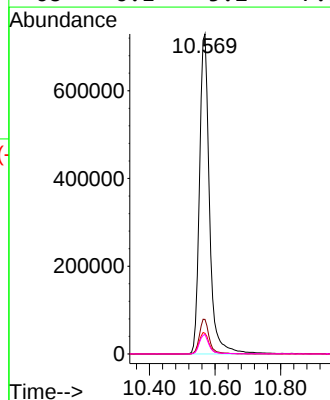
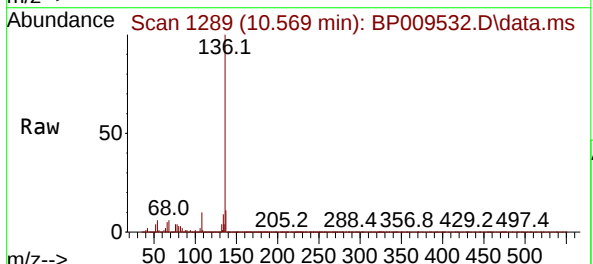
Instrument :
BNA_P
ClientSampleId :
PB143484BL

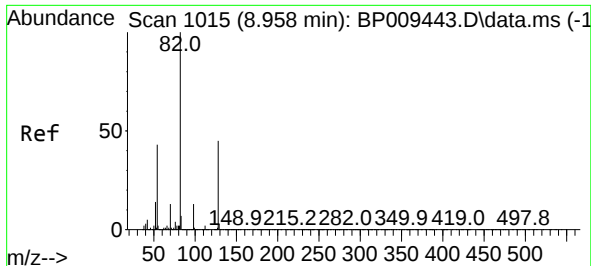
Tgt Ion: 99 Resp: 4096768
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 32.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

Tgt Ion: 136 Resp: 1548865
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.5 5.8 8.8
68 6.1 5.2 7.8

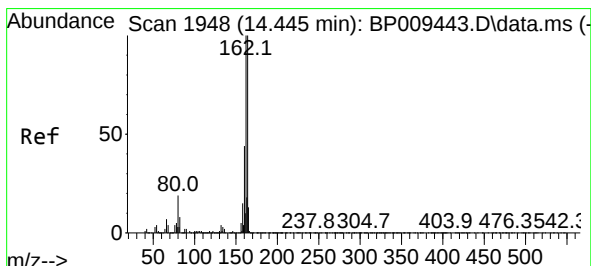
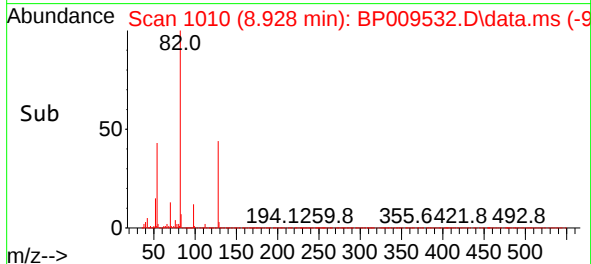
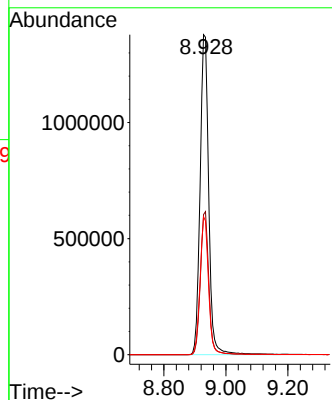
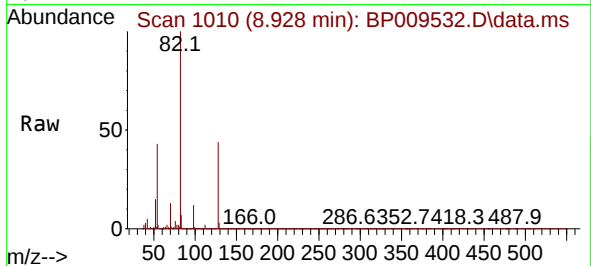




#23
Nitrobenzene-d5
Concen: 91.095 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

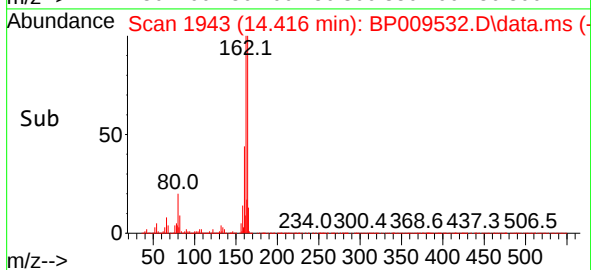
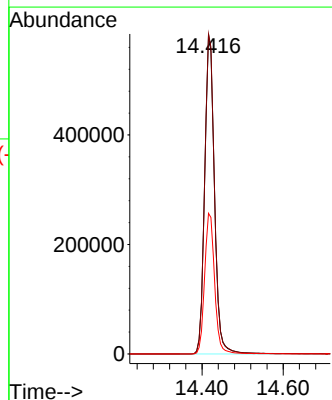
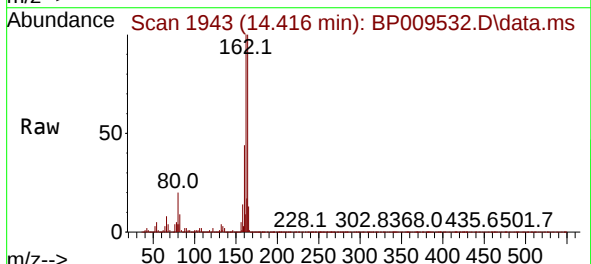
Instrument :
BNA_P
ClientSampleId :
PB143484BL

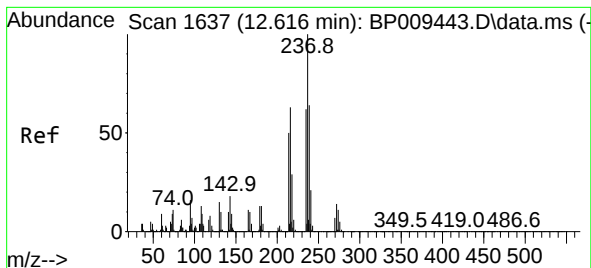
Tgt Ion: 82 Resp: 2655105
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.018 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

Tgt Ion:164 Resp: 976604
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 44.0 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.290 ng

RT: 12.787 min Scan# 1

Delta R.T. 0.182 min

Lab File: BP009532.D

Acq: 24 Mar 2022 16:42

Instrument :

BNA_P

ClientSampleId :

PB143484BL

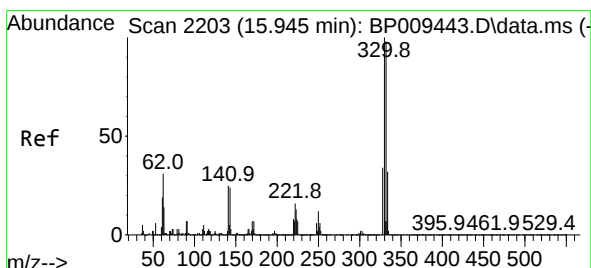
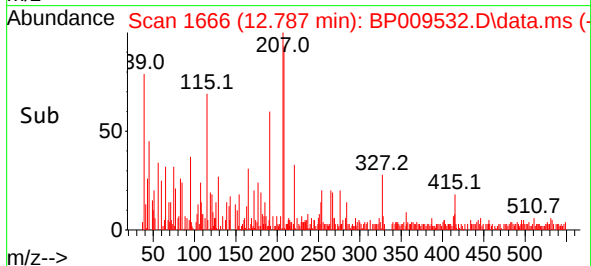
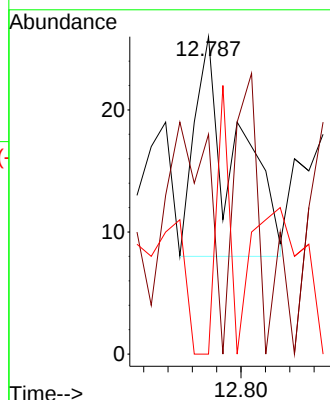
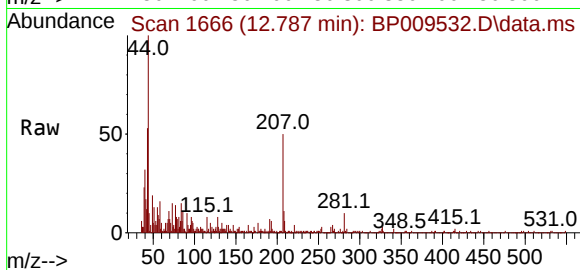
Tgt Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 69.2 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 118.973 ng

RT: 15.922 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BP009532.D

Acq: 24 Mar 2022 16:42

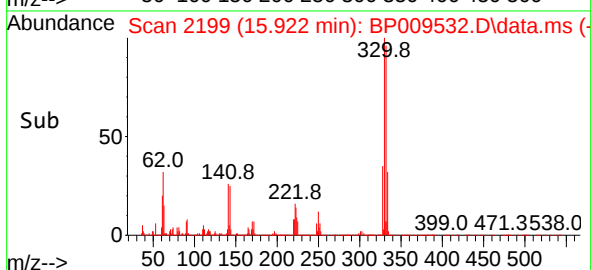
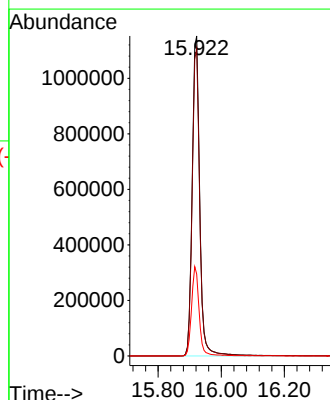
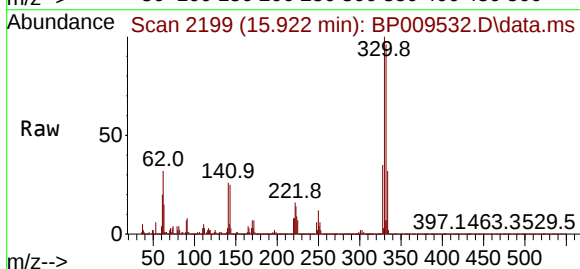
Tgt Ion:330 Resp: 1917330

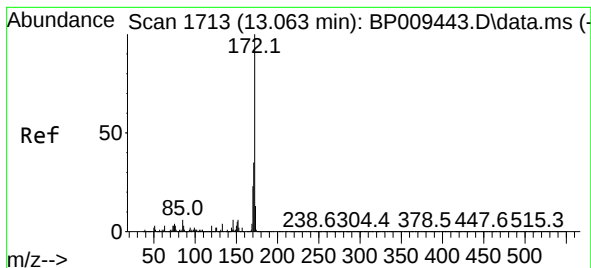
Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 28.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 90.090 ng

RT: 13.040 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP009532.D

Acq: 24 Mar 2022 16:42

Instrument :

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PB143484BL

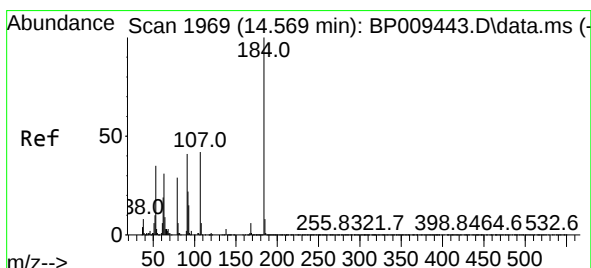
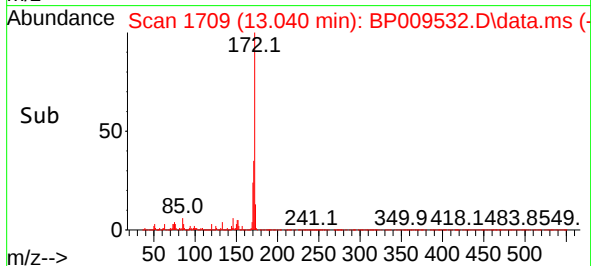
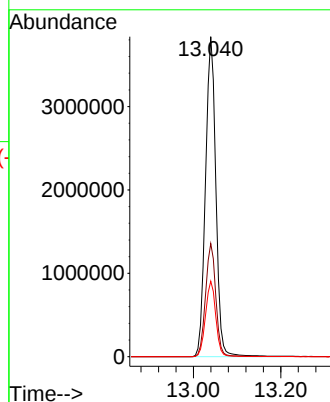
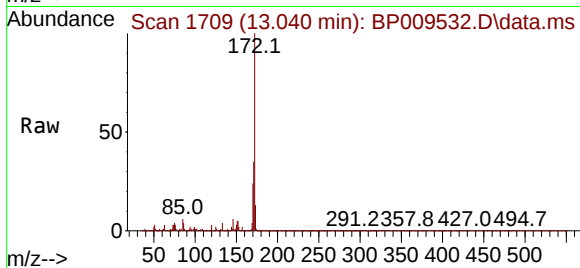
Tgt Ion:172 Resp: 6346569

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.6 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.535 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.047 min

Lab File: BP009532.D

Acq: 24 Mar 2022 16:42

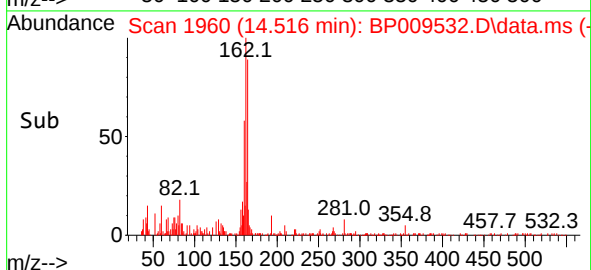
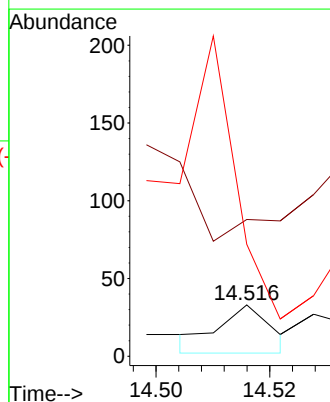
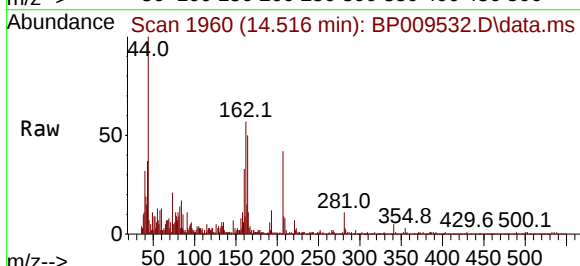
Tgt Ion:184 Resp: 20

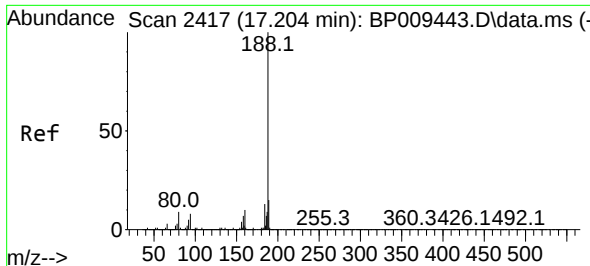
Ion Ratio Lower Upper

184 100

63 266.7 46.3 69.5#

154 218.2 45.8 68.6#

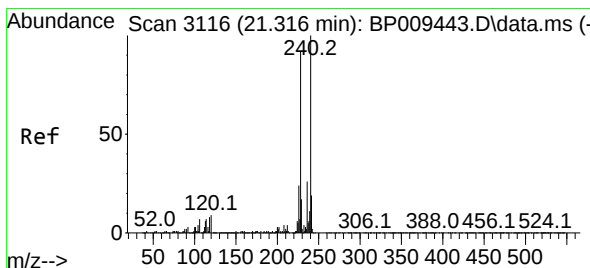
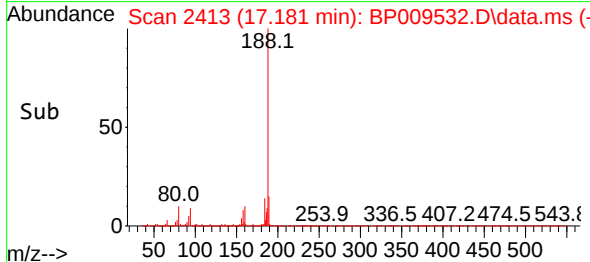
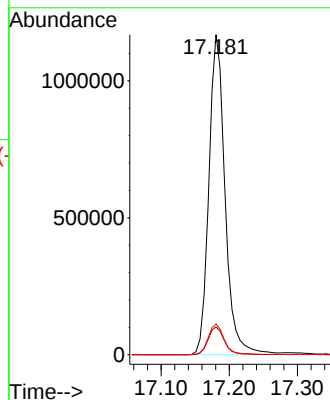
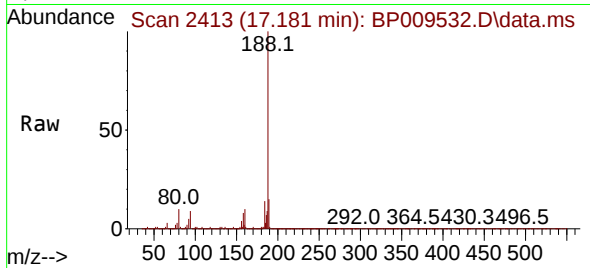




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

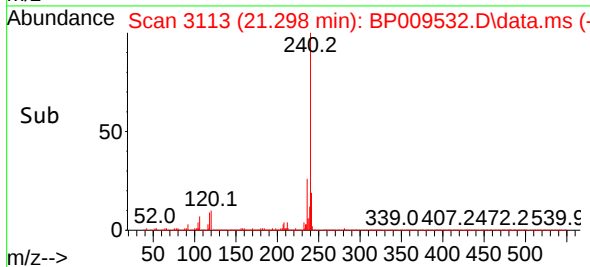
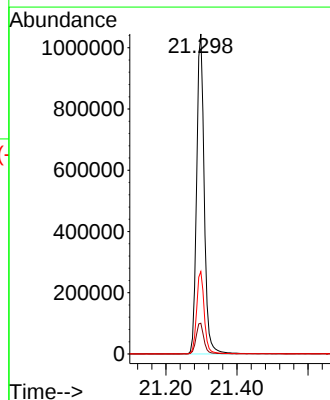
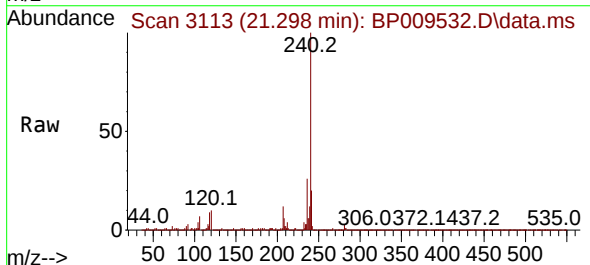
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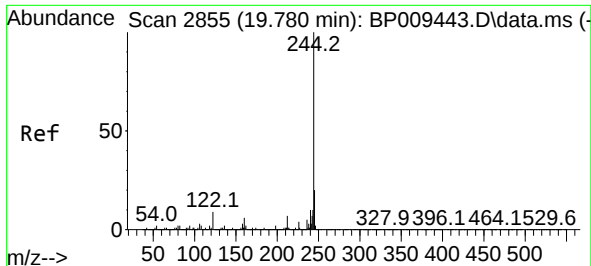
Tgt Ion:188 Resp: 1932196
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP009532.D
Acq: 24 Mar 2022 16:42

Tgt Ion:240 Resp: 1558583
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.7 20.6 30.8

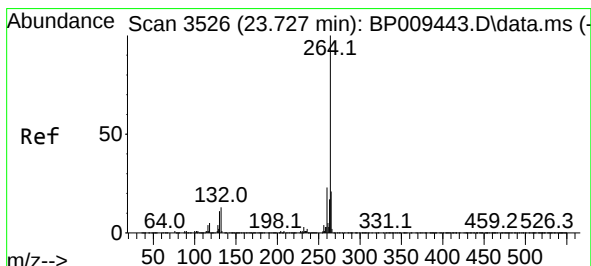
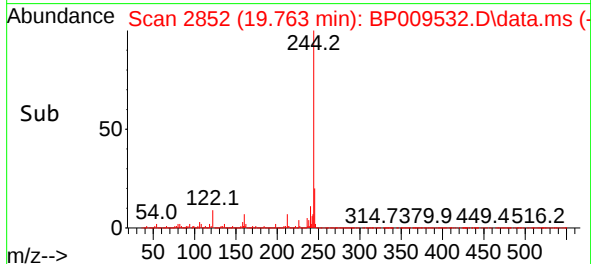
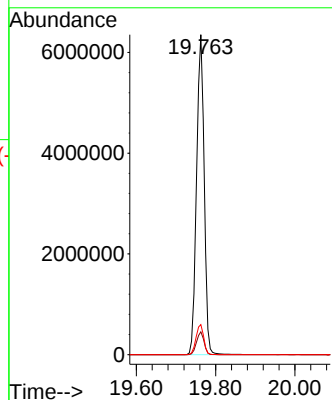
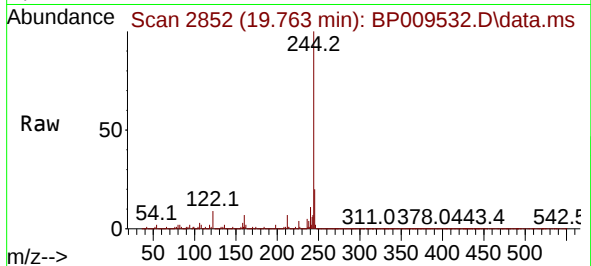




#79
 Terphenyl-d14
 Concen: 97.569 ng
 RT: 19.763 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP009532.D
 Acq: 24 Mar 2022 16:42

Instrument :
 BNA_P
 ClientSampleId :
 PB143484BL

Tgt Ion:244 Resp: 8472355
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.692 min Scan# 3520
 Delta R.T. -0.023 min
 Lab File: BP009532.D
 Acq: 24 Mar 2022 16:42

Tgt Ion:264 Resp: 1460100
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.4 17.2 25.8

