

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009522.D
 Acq On : 24 Mar 2022 00:15
 Operator : CG/JU
 Sample : N2031-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B1-031822-0-2

Quant Time: Mar 24 01:23:26 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)

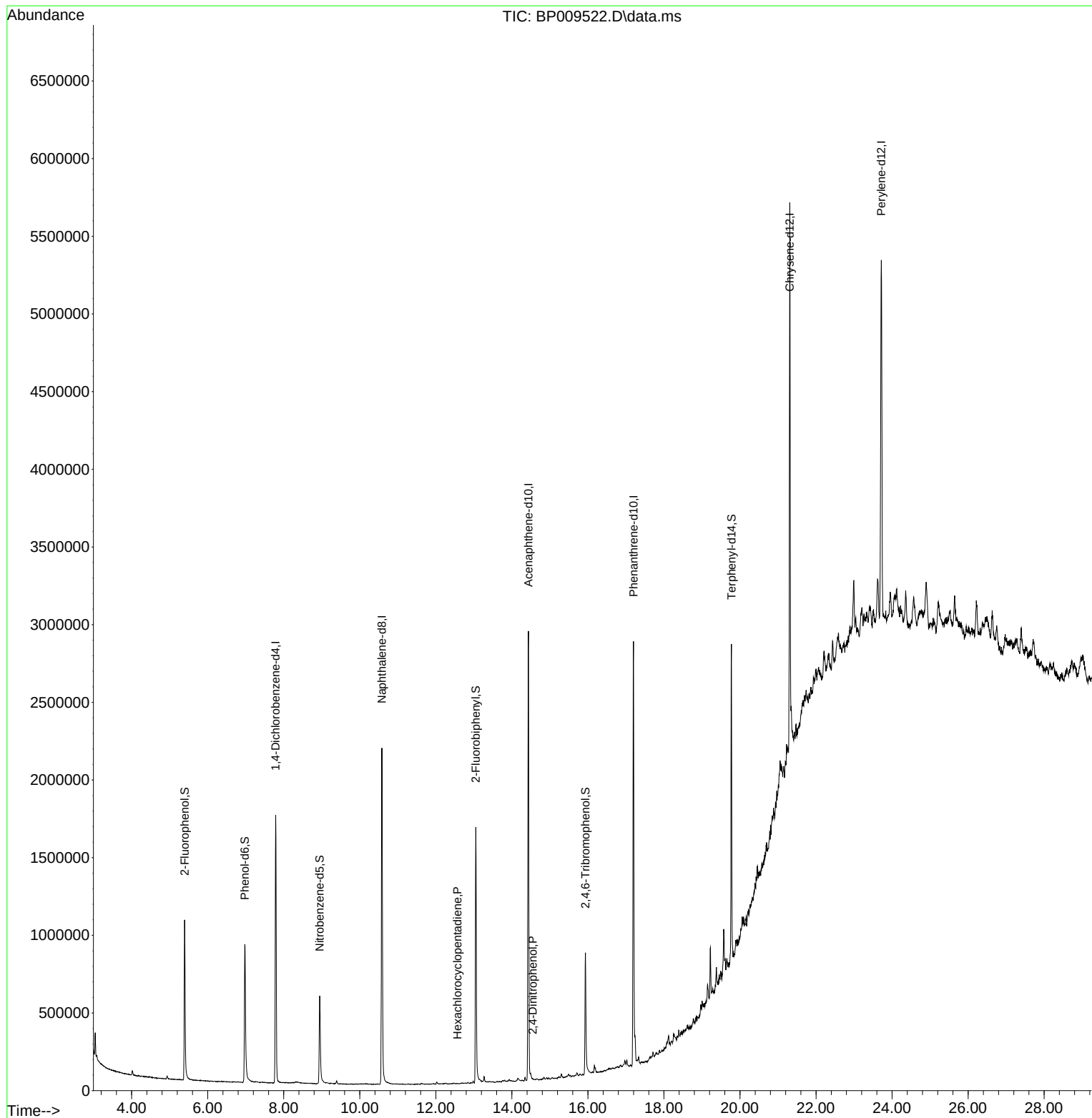
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	538300	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	2101654	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1141840	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1841363	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1796315	20.000	ng	0.00
86) Perylene-d12	23.716	264	1991574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	570897	18.517	ng	0.00
7) Phenol-d6	6.975	99	731399	17.541	ng	0.00
23) Nitrobenzene-d5	8.946	82	448390	11.338	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	199732	10.600	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1052879	12.783	ng	0.00
79) Terphenyl-d14	19.775	244	1096287	10.954	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	363	Below Cal	#	32
41) Hexachlorocyclopentadiene	12.569	237	86	7.293	ng	74
54) 2,4-Dinitrophenol	14.551	184	158	4.546	ng	# 1

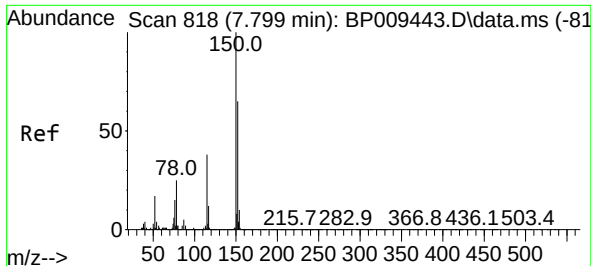
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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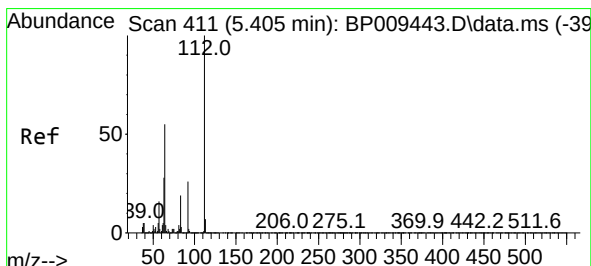
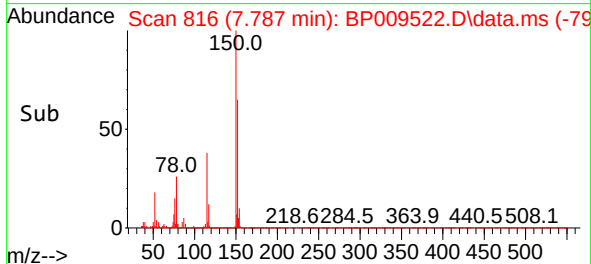
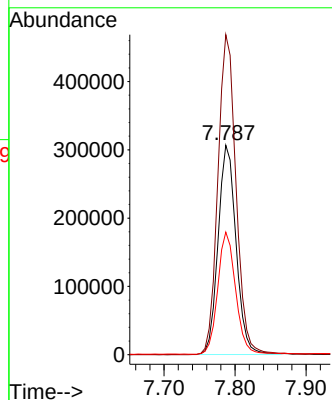
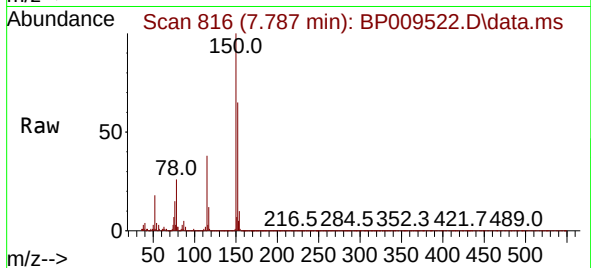




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

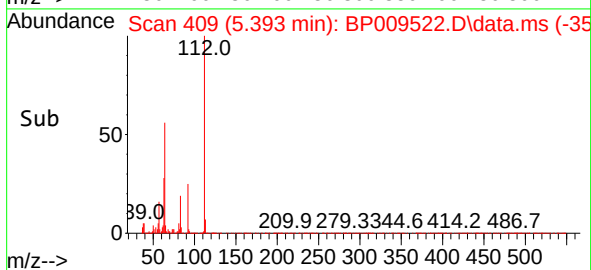
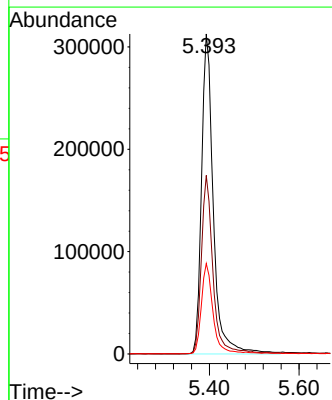
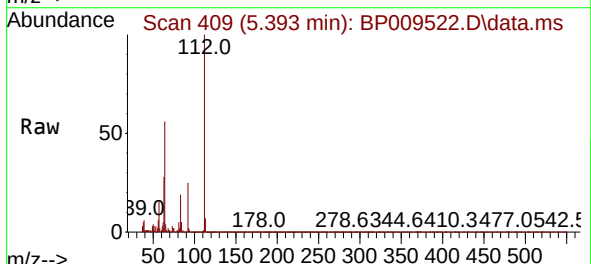
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2

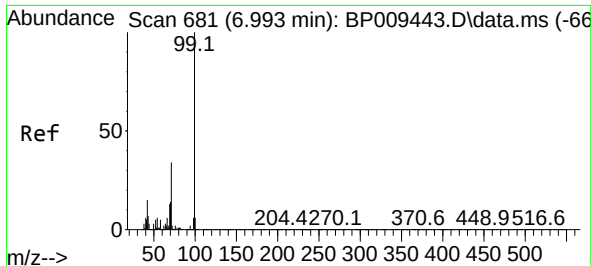
Tgt Ion:152 Resp: 538300
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 18.517 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

Tgt Ion:112 Resp: 570897
Ion Ratio Lower Upper
112 100
64 55.8 45.0 67.4
63 28.3 23.0 34.6

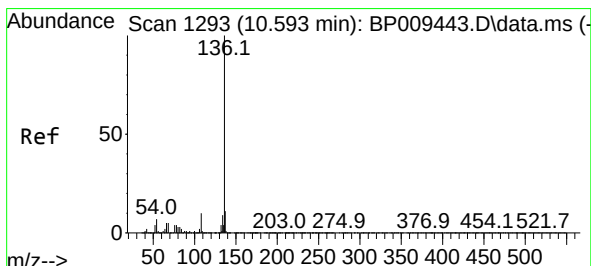
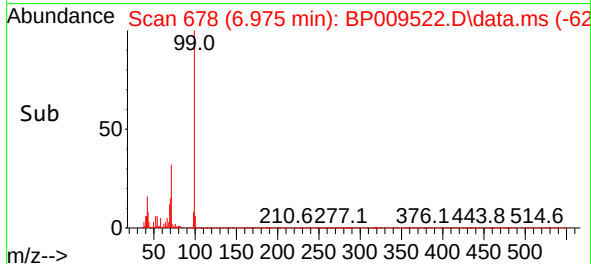
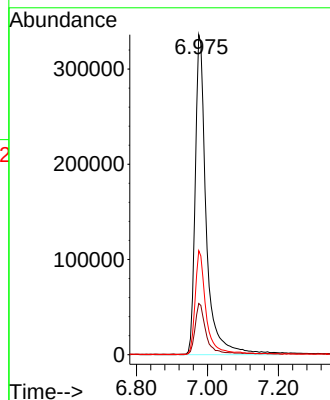
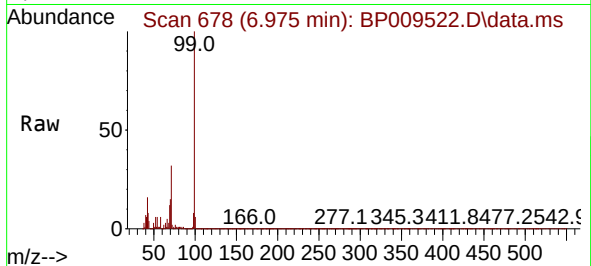




#7
Phenol-d6
Concen: 17.541 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

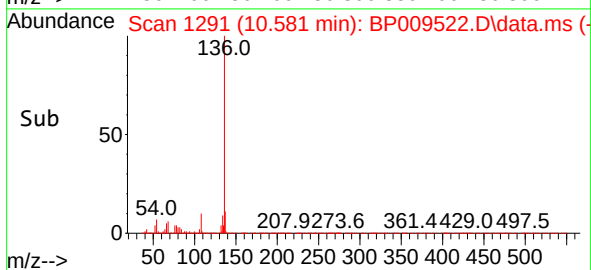
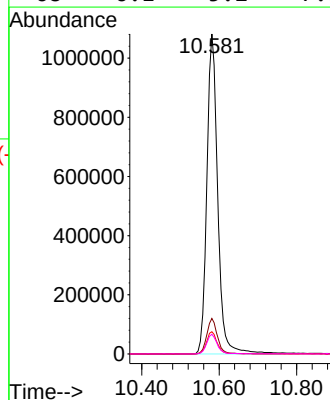
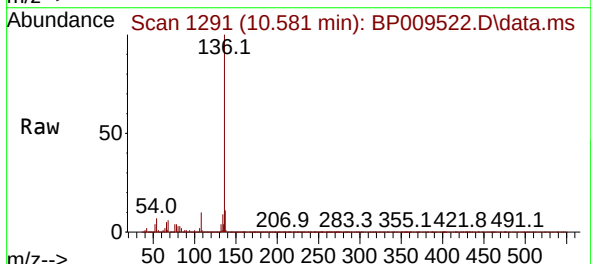
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2

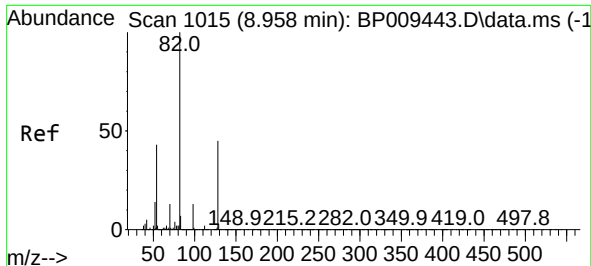
Tgt Ion: 99 Resp: 731399
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

Tgt Ion: 136 Resp: 2101654
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.9 5.8 8.8
68 6.1 5.2 7.8

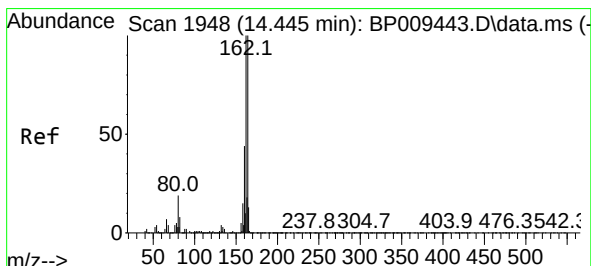
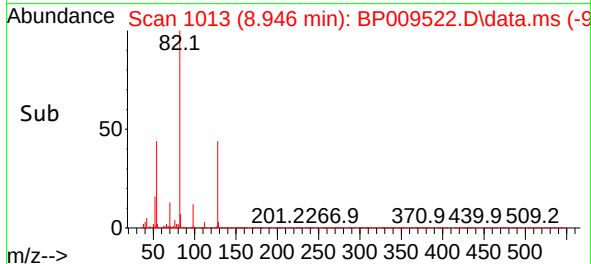
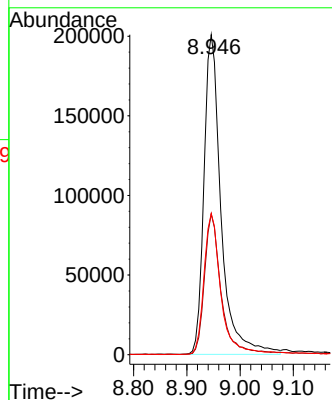
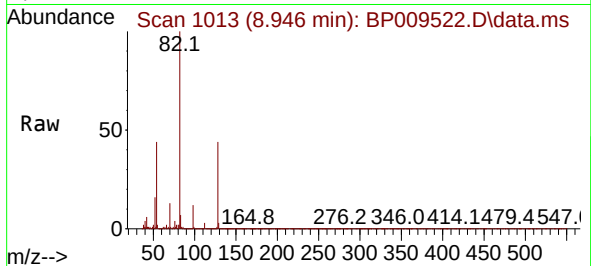




#23
Nitrobenzene-d5
Concen: 11.338 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

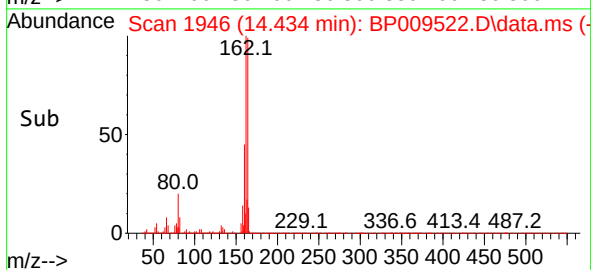
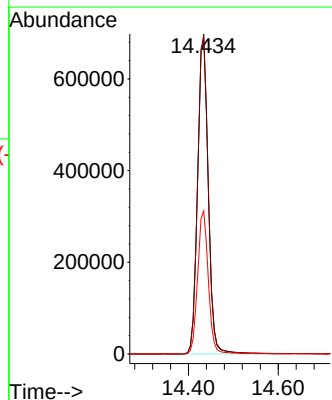
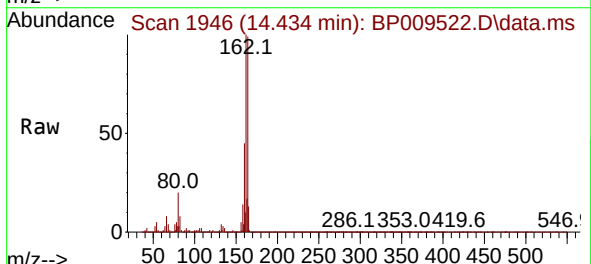
Instrument :
BNA_P
ClientSampleId :
CMP-B1-031822-0-2

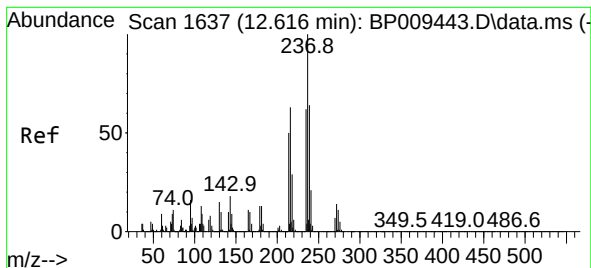
Tgt Ion: 82 Resp: 448390
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 44.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

Tgt Ion: 164 Resp: 1141840
Ion Ratio Lower Upper
164 100
162 101.5 79.1 118.7
160 45.3 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.293 ng

RT: 12.569 min Scan# 1

Delta R.T. -0.035 min

Lab File: BP009522.D

Acq: 24 Mar 2022 00:15

Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-0-2

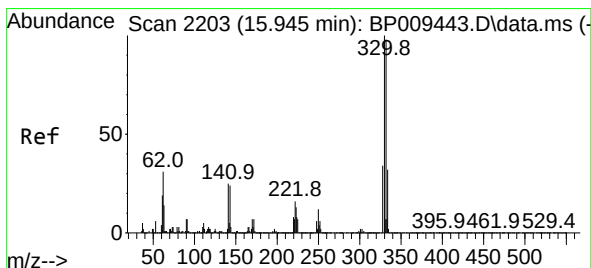
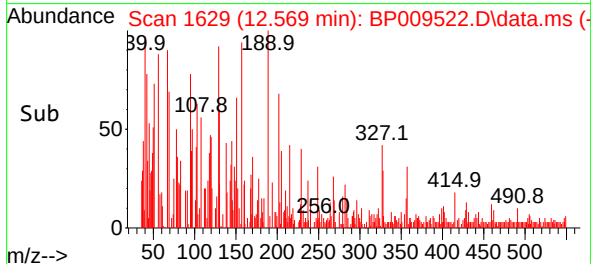
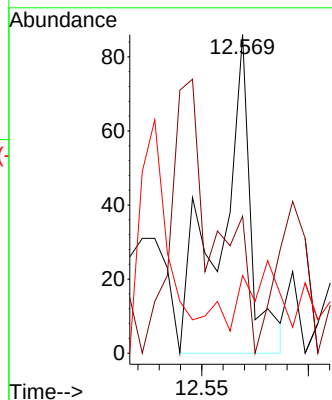
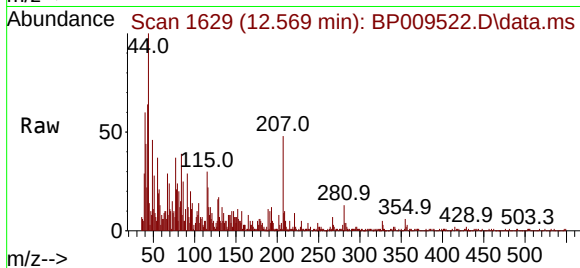
Tgt Ion:237 Resp: 86

Ion Ratio Lower Upper

237 100

235 43.0 42.6 82.6

272 24.4 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 10.600 ng

RT: 15.934 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BP009522.D

Acq: 24 Mar 2022 00:15

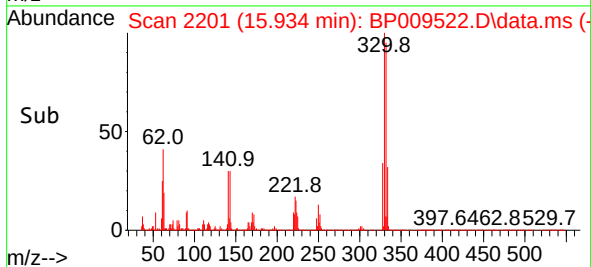
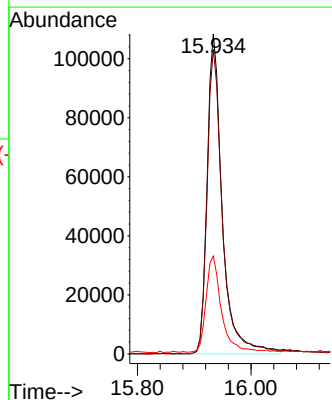
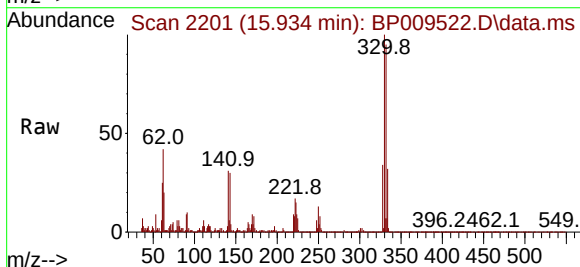
Tgt Ion:330 Resp: 199732

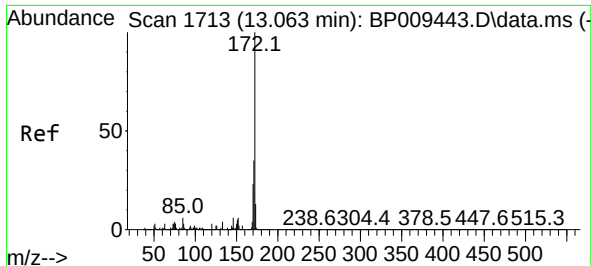
Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

141 30.6 27.6 41.4

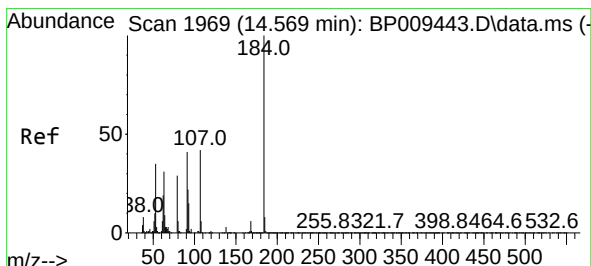
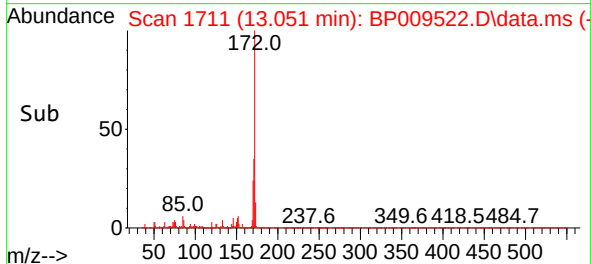
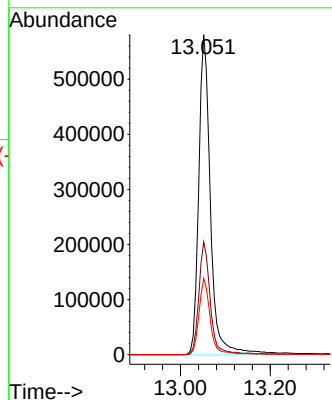
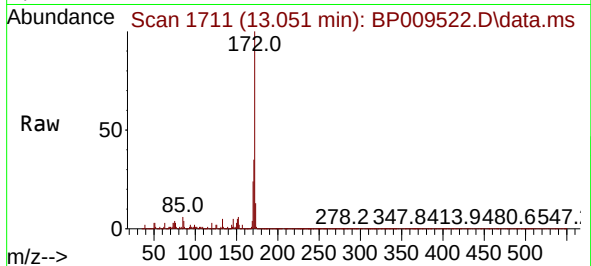




#45
2-Fluorobiphenyl
Concen: 12.783 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

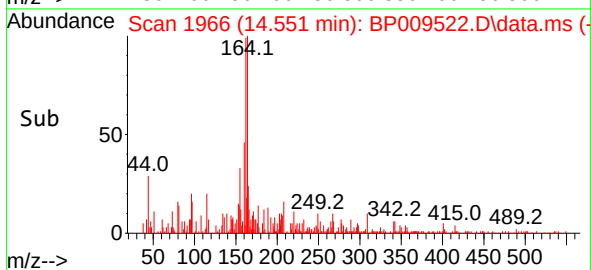
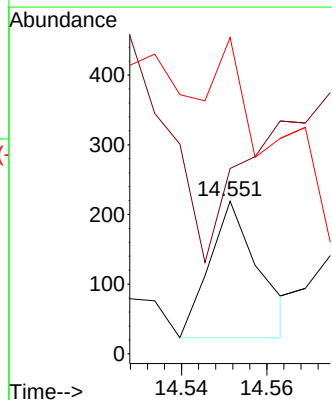
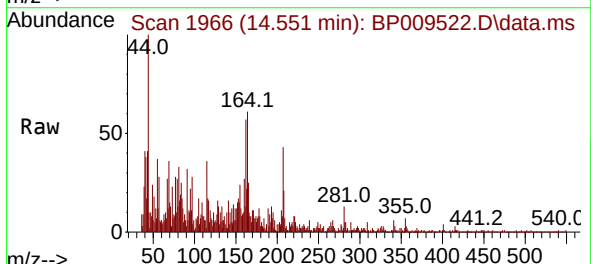
Instrument :
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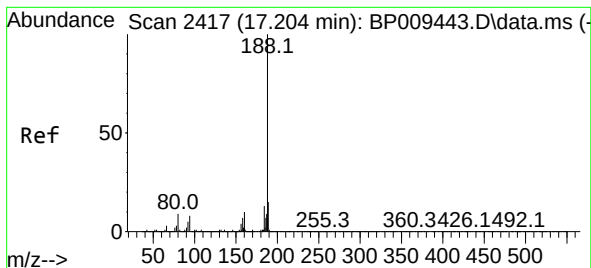
Tgt Ion:172 Resp: 1052879
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.8 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.546 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BP009522.D
Acq: 24 Mar 2022 00:15

Tgt Ion:184 Resp: 158
Ion Ratio Lower Upper
184 100
63 121.5 46.3 69.5#
154 207.3 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009522.D

Acq: 24 Mar 2022 00:15

Instrument :

BNA_P

ClientSampleId :

CMP-B1-031822-0-2

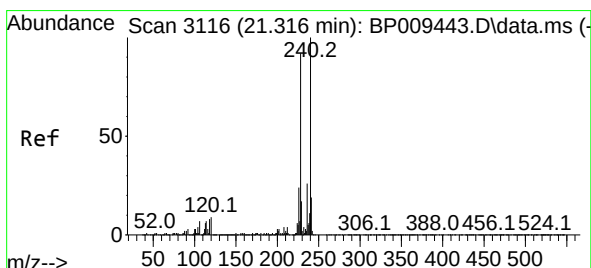
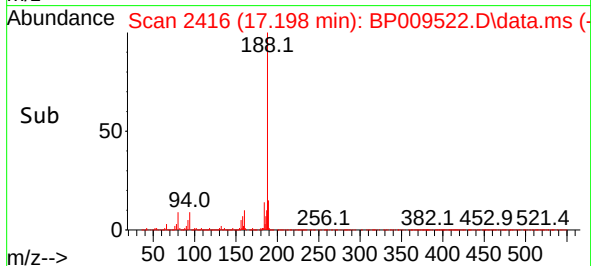
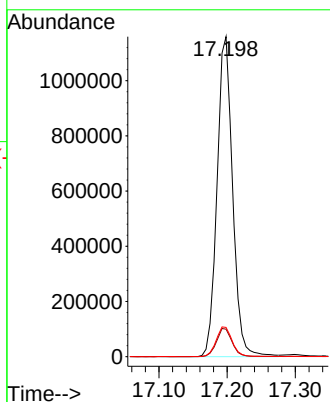
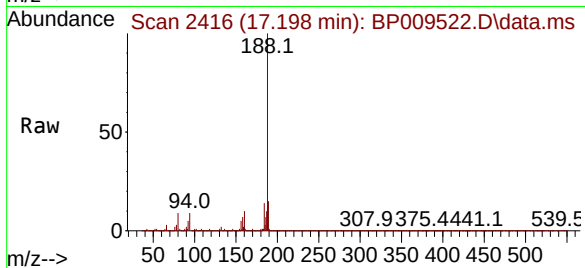
Tgt Ion:188 Resp: 1841363

Ion Ratio Lower Upper

188 100

94 8.6 7.9 11.9

80 9.1 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP009522.D

Acq: 24 Mar 2022 00:15

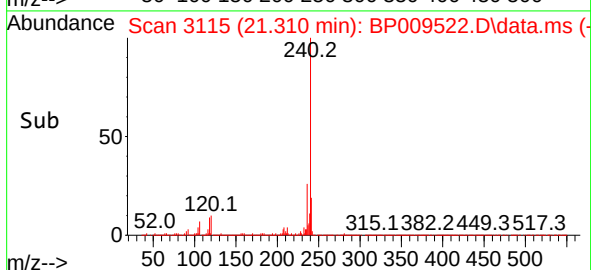
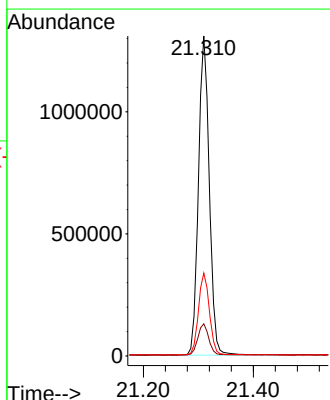
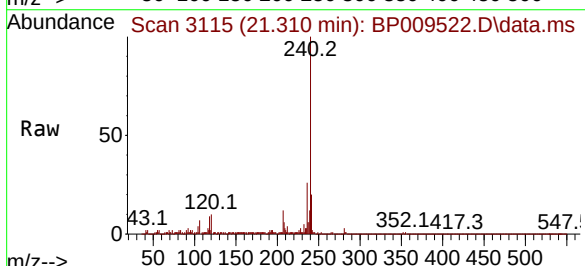
Tgt Ion:240 Resp: 1796315

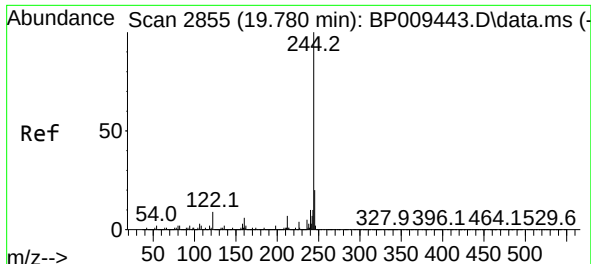
Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.4

236 25.9 20.6 30.8

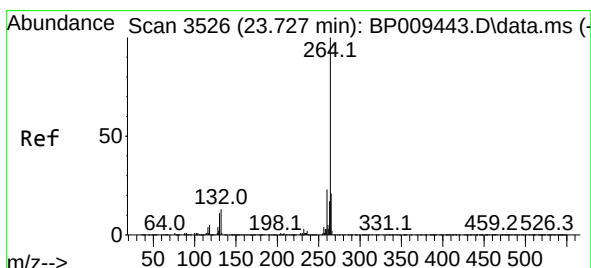
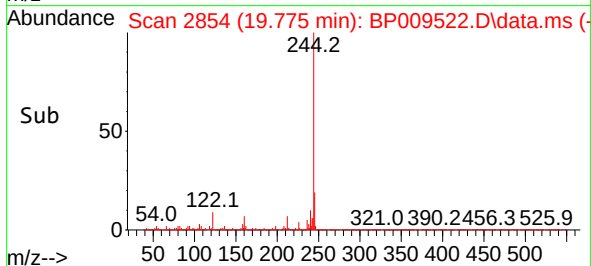
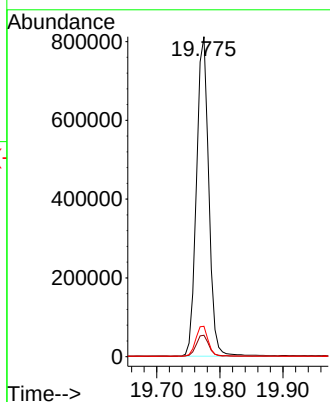
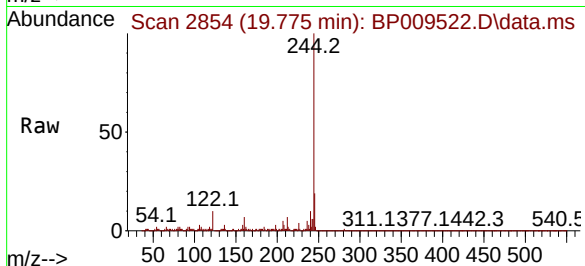




#79
 Terphenyl-d14
 Concen: 10.954 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009522.D
 Acq: 24 Mar 2022 00:15

Instrument :
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 CMP-B1-031822-0-2

Tgt Ion:244 Resp: 1096287
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 3524
 Delta R.T. 0.000 min
 Lab File: BP009522.D
 Acq: 24 Mar 2022 00:15

Tgt Ion:264 Resp: 1991574
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.6 17.2 25.8

