

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009512.D
 Acq On : 23 Mar 2022 18:38
 Operator : CG/JU
 Sample : N2031-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B2-031822-2-5

Quant Time: Mar 24 01:21:17 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)

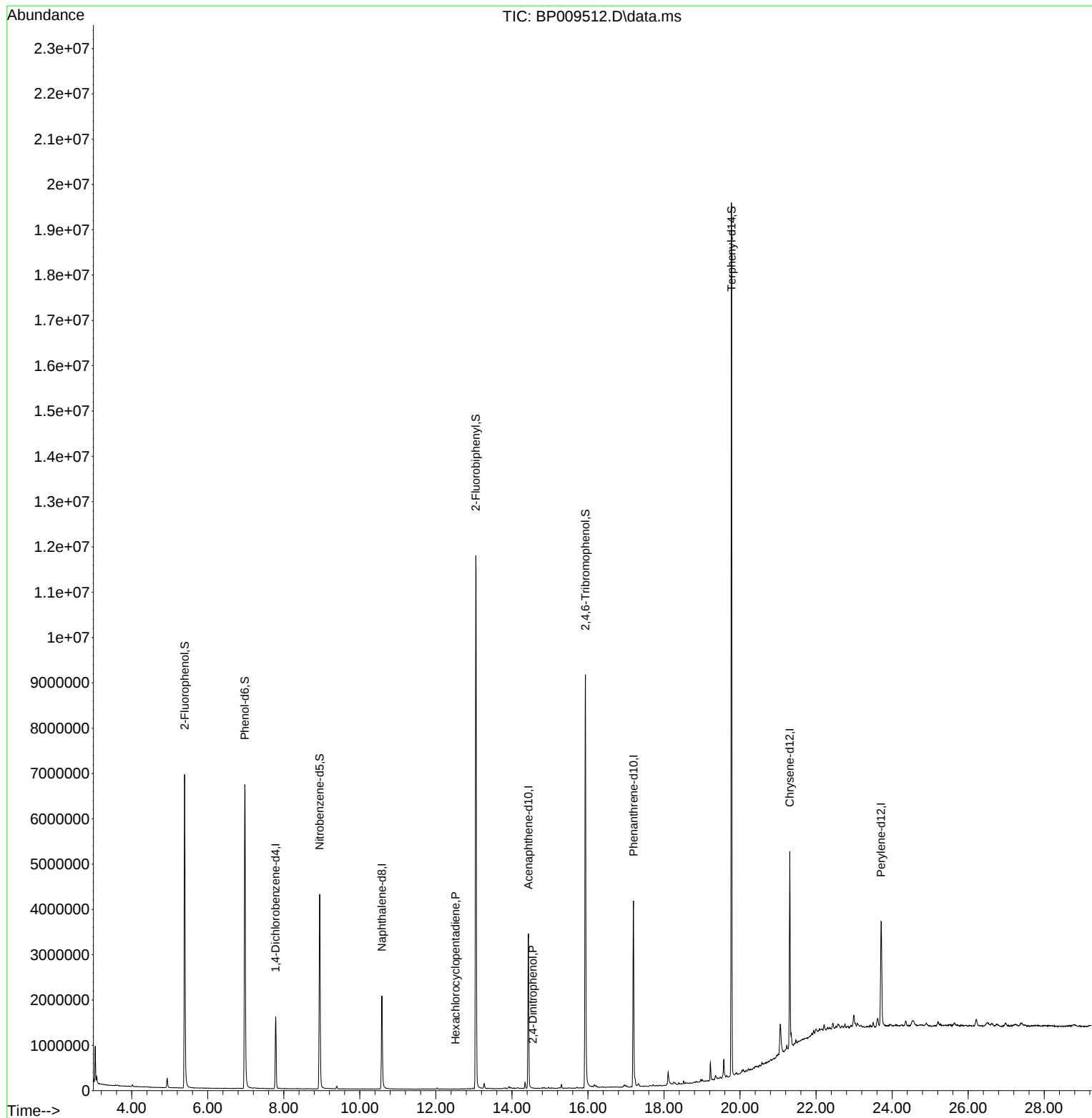
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	490336	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	2078611	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1354045	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2775990	20.000	ng	0.00
76) Chrysene-d12	21.310	240	2230169	20.000	ng	0.00
86) Perylene-d12	23.710	264	1944117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3573486	127.241	ng	0.00
7) Phenol-d6	6.975	99	4695724	123.636	ng	0.00
23) Nitrobenzene-d5	8.946	82	2949234	75.398	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	2170691	97.148	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	6984677	71.510	ng	0.00
79) Terphenyl-d14	19.774	244	10062867	80.988	ng	0.00
Target Compounds						
9) Benzaldehyde	6.981	77	9036	Below Cal	#	11
41) Hexachlorocyclopentadiene	12.516	237	38	7.290	ng	94
54) 2,4-Dinitrophenol	14.551	184	20	4.534	ng	# 1

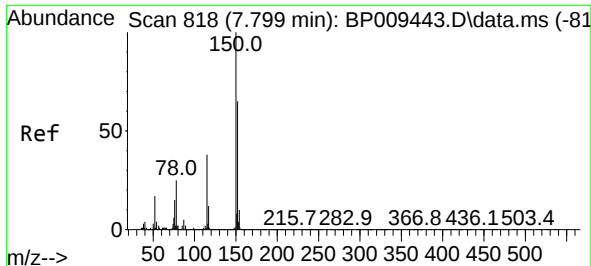
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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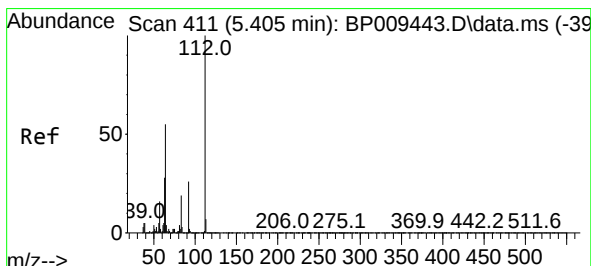
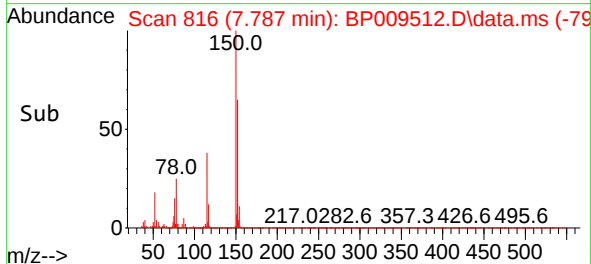
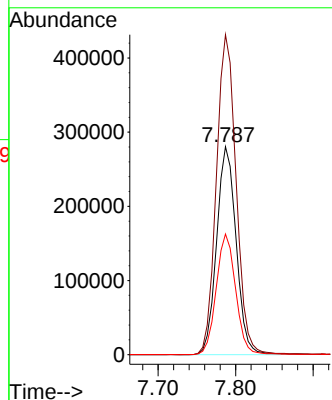
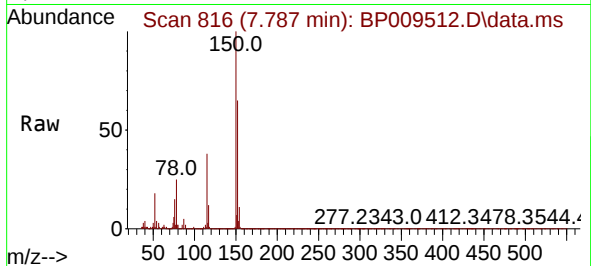




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

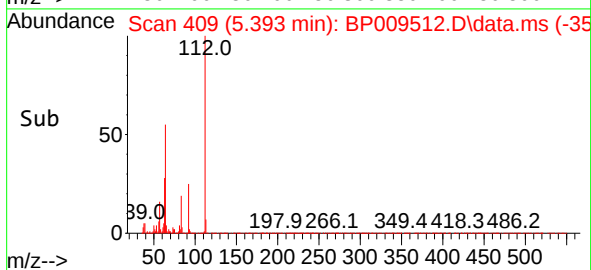
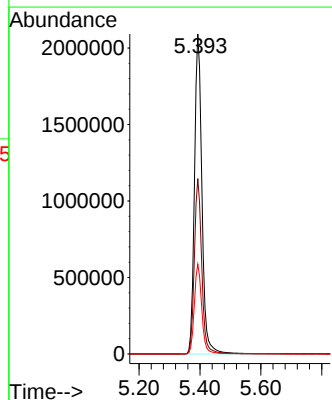
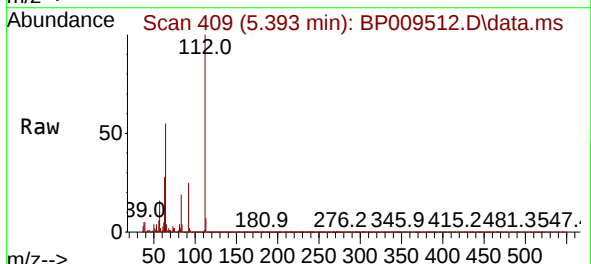
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-2-5

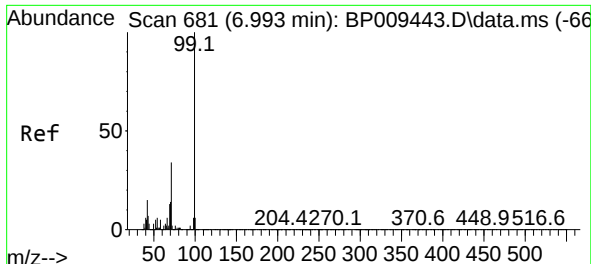
Tgt Ion:152 Resp: 490336
Ion Ratio Lower Upper
152 100
150 153.8 124.5 186.7
115 58.0 48.2 72.4



#5
2-Fluorophenol
Concen: 127.241 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

Tgt Ion:112 Resp: 3573486
Ion Ratio Lower Upper
112 100
64 54.8 45.0 67.4
63 28.1 23.0 34.6

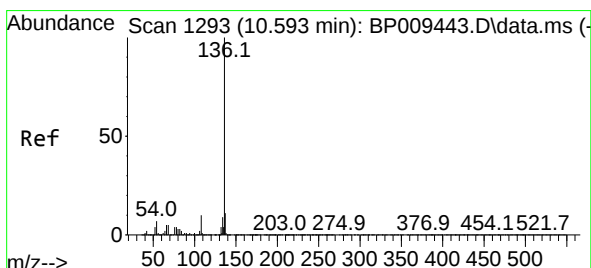
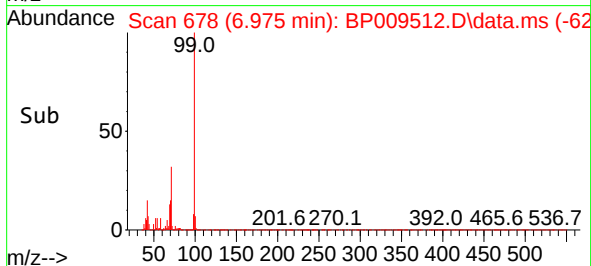
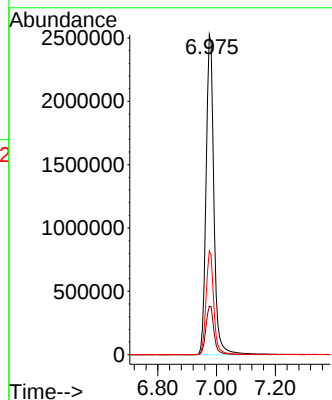
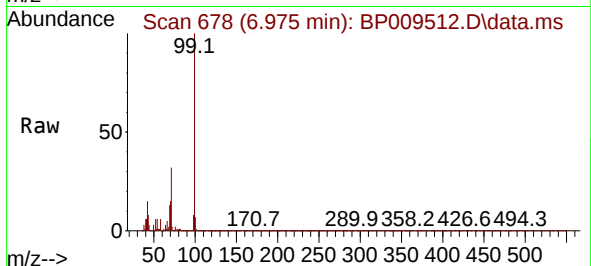




#7
Phenol-d6
Concen: 123.636 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

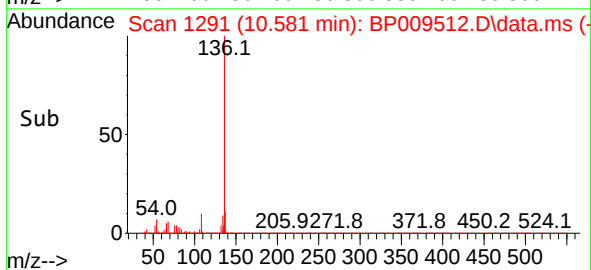
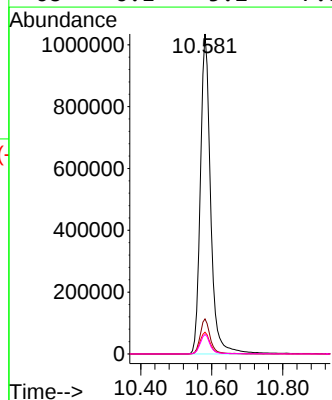
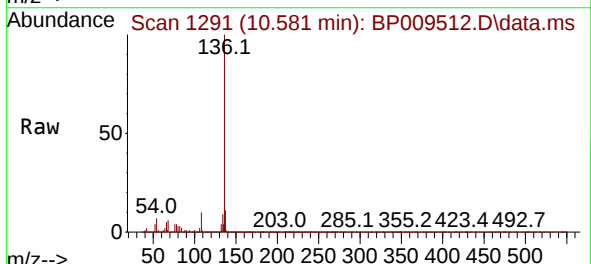
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-2-5

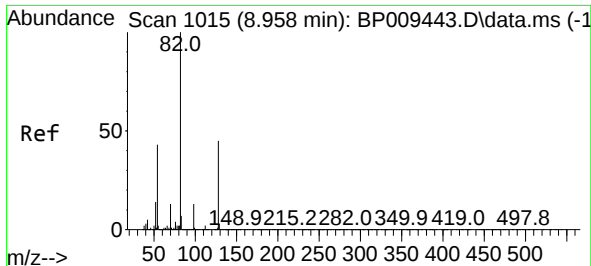
Tgt Ion: 99 Resp: 4695724
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

Tgt Ion:136 Resp: 2078611
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 6.1 5.2 7.8

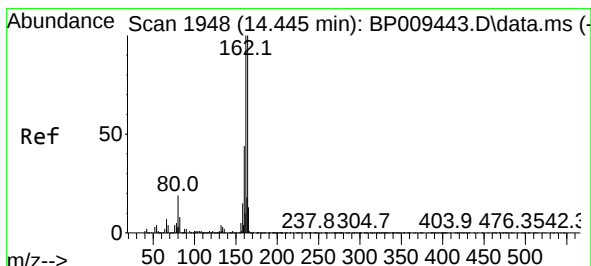
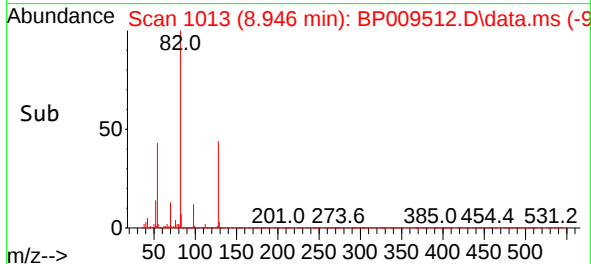
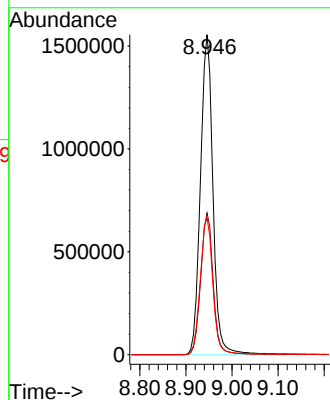
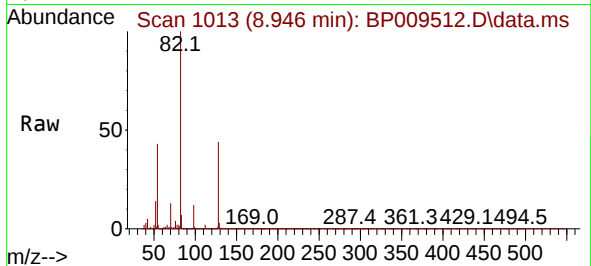




#23
Nitrobenzene-d5
Concen: 75.398 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

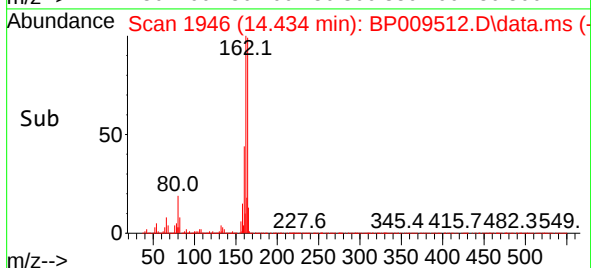
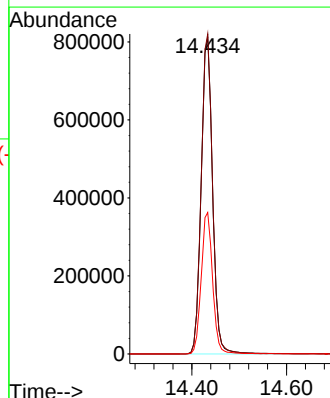
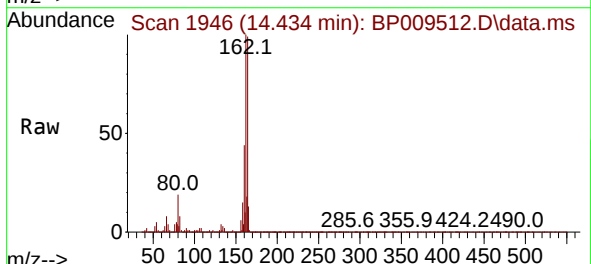
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-2-5

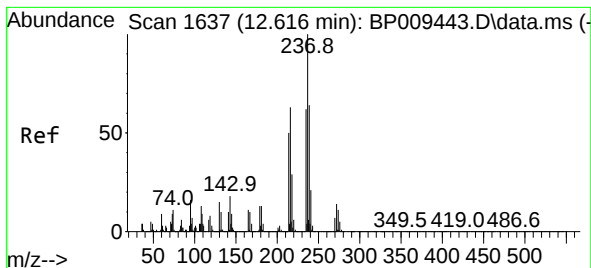
Tgt Ion: 82 Resp: 2949234
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

Tgt Ion:164 Resp: 1354045
Ion Ratio Lower Upper
164 100
162 100.9 79.1 118.7
160 44.6 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.290 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.088 min

Lab File: BP009512.D

Acq: 23 Mar 2022 18:38

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-2-5

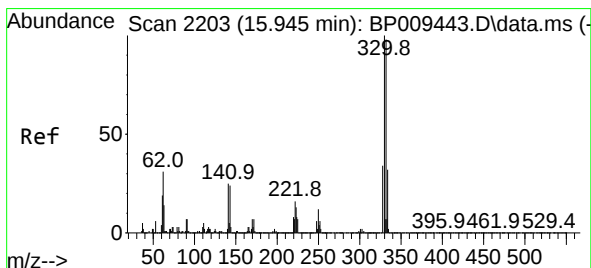
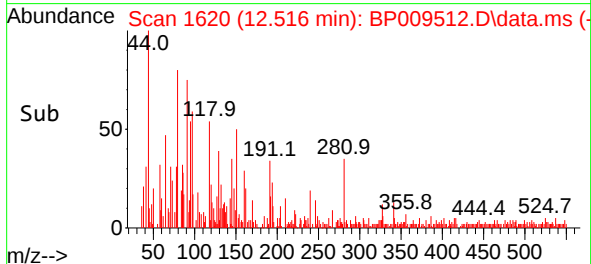
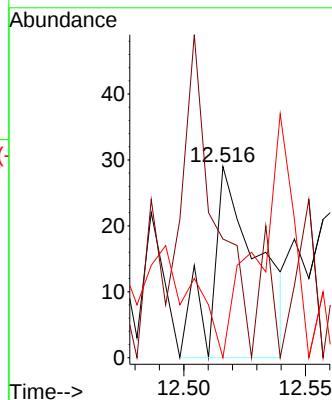
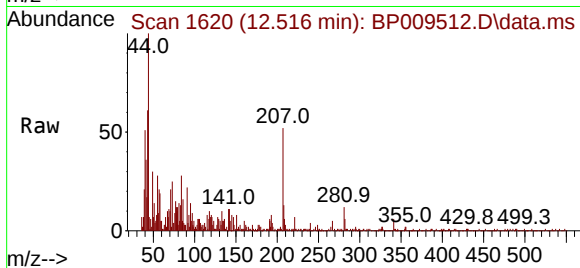
Tgt Ion:237 Resp: 38

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 97.148 ng

RT: 15.934 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BP009512.D

Acq: 23 Mar 2022 18:38

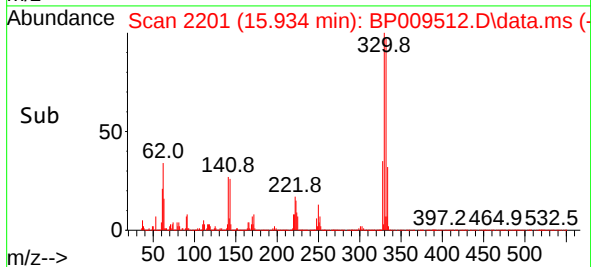
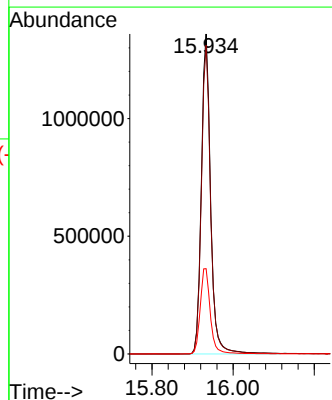
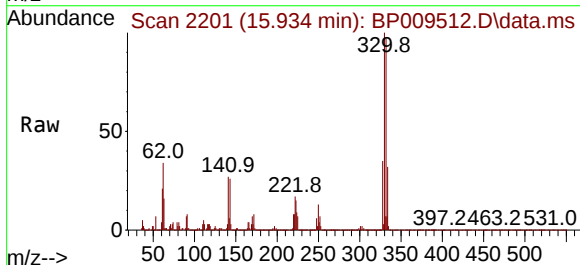
Tgt Ion:330 Resp: 2170691

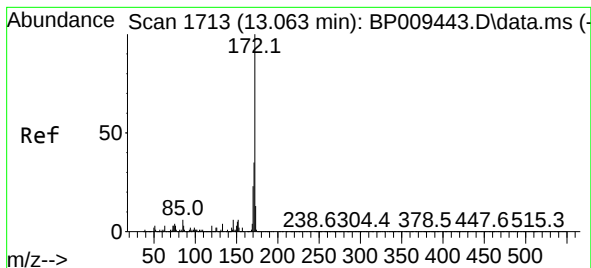
Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 29.2 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 71.510 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009512.D

Acq: 23 Mar 2022 18:38

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-2-5

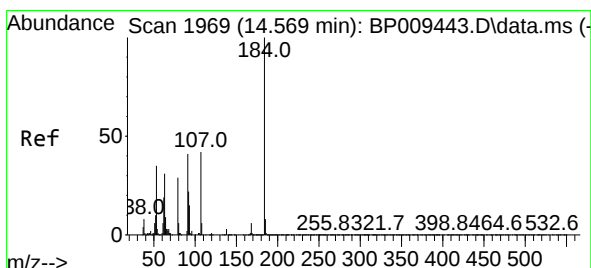
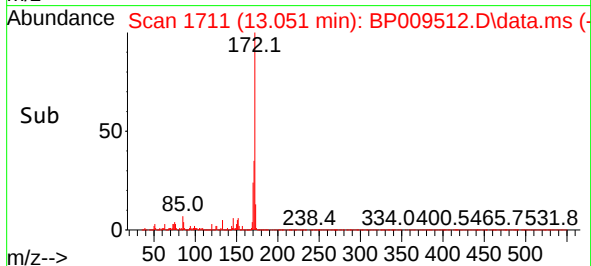
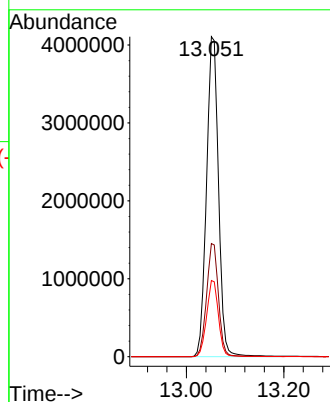
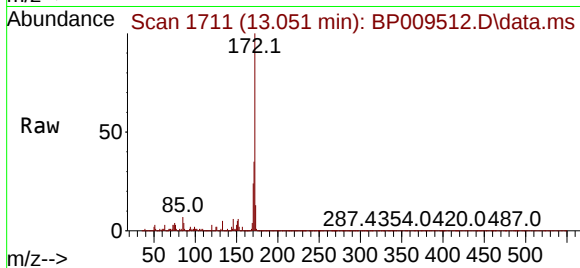
Tgt Ion:172 Resp: 6984677

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.8 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.534 ng

RT: 14.551 min Scan# 1966

Delta R.T. -0.012 min

Lab File: BP009512.D

Acq: 23 Mar 2022 18:38

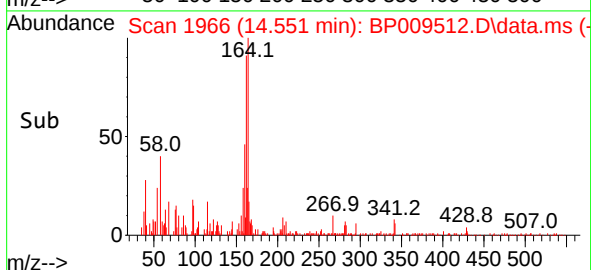
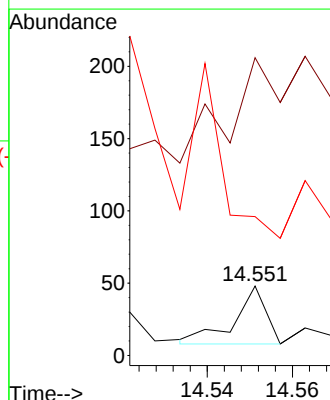
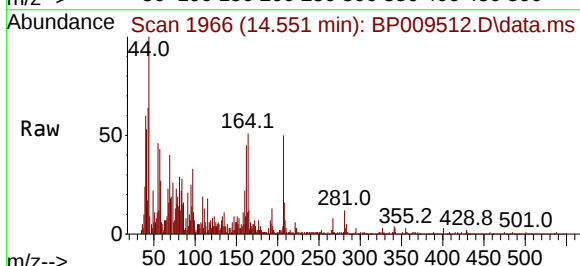
Tgt Ion:184 Resp: 20

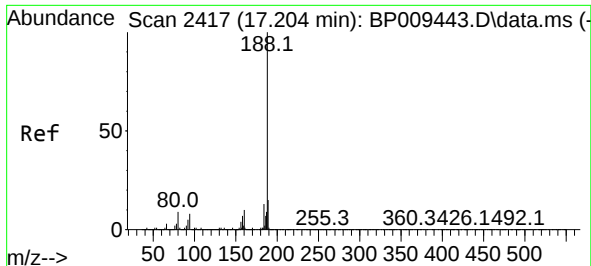
Ion Ratio Lower Upper

184 100

63 429.2 46.3 69.5#

154 200.0 45.8 68.6#

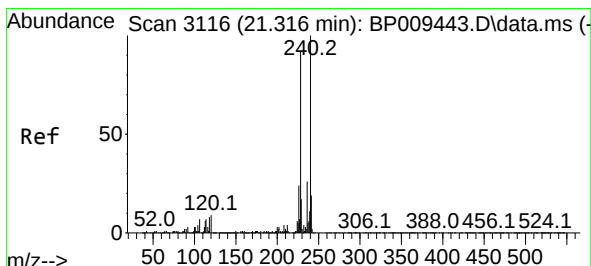
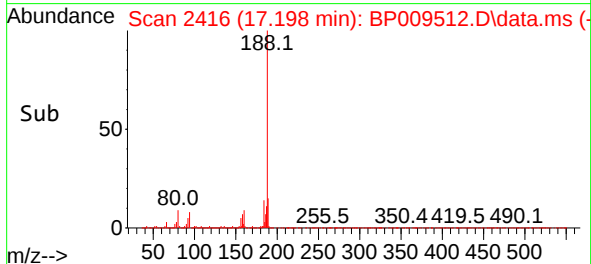
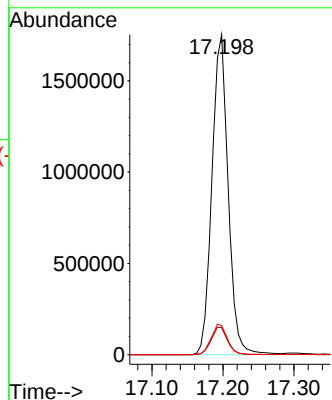
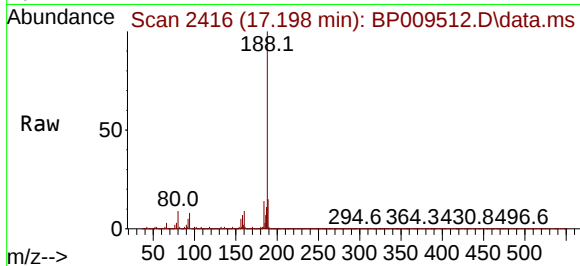




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

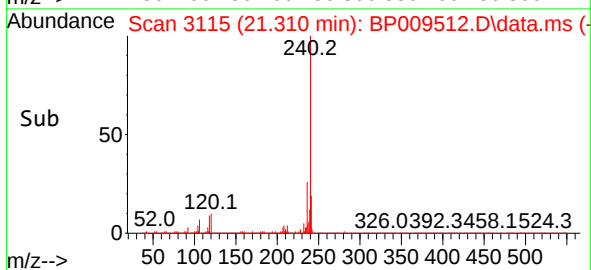
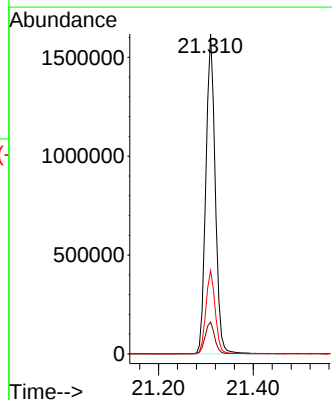
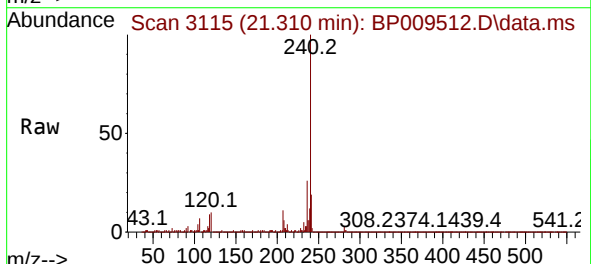
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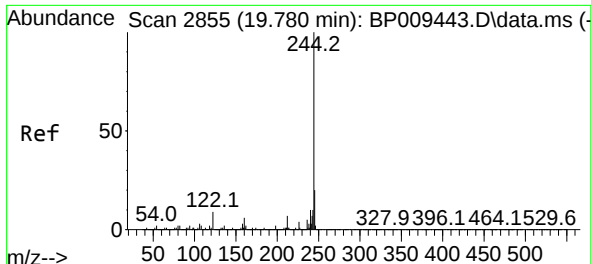
Tgt Ion:188 Resp: 2775990
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009512.D
Acq: 23 Mar 2022 18:38

Tgt Ion:240 Resp: 2230169
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.0 20.6 30.8

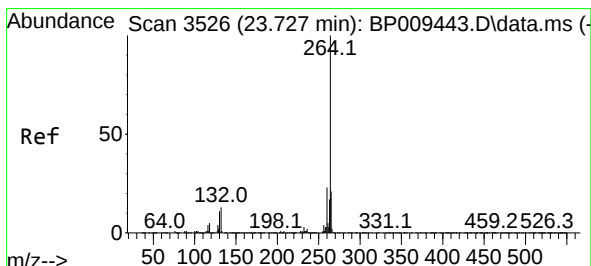
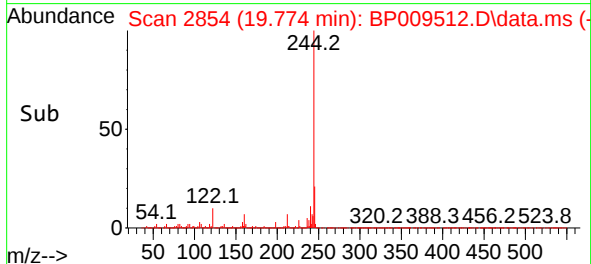
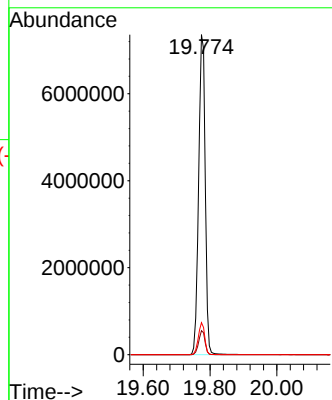
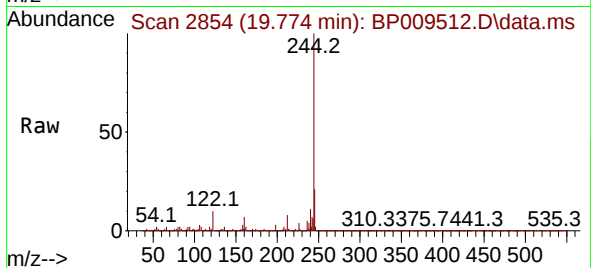




#79
 Terphenyl-d14
 Concen: 80.988 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009512.D
 Acq: 23 Mar 2022 18:38

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B2-031822-2-5

Tgt Ion:244 Resp:10062867
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 3523
 Delta R.T. -0.006 min
 Lab File: BP009512.D
 Acq: 23 Mar 2022 18:38

Tgt Ion:264 Resp: 1944117
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 22.3 17.2 25.8

