

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009570.D
 Acq On : 28 Mar 2022 17:48
 Operator : CG/JU
 Sample : N2140-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHC

Quant Time: Mar 29 03:12:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

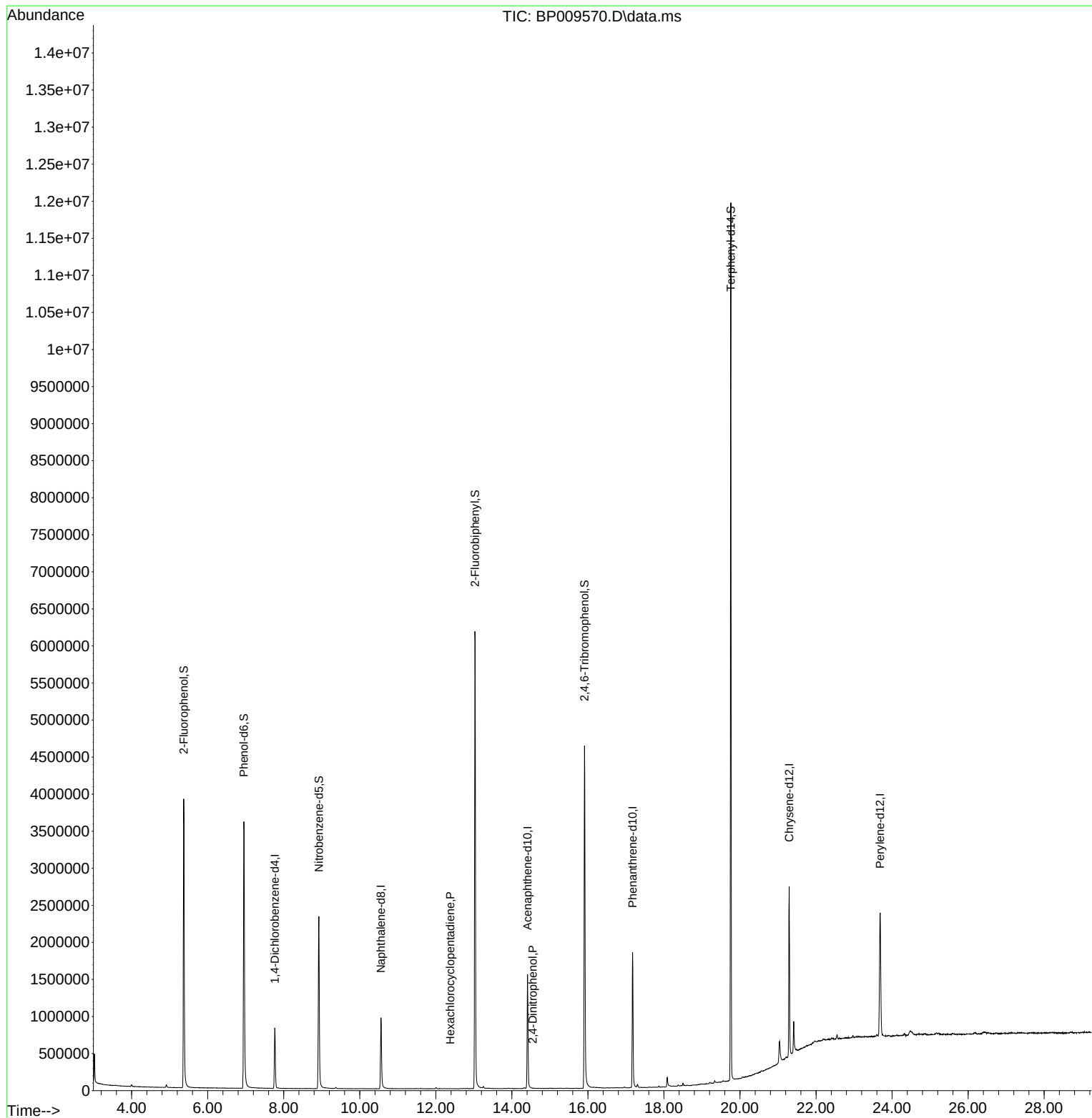
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	259244	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	990126	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	609577	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1275135	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1282519	20.000	ng	0.00
86) Perylene-d12	23.686	264	1412060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	2033283	136.936	ng	0.00
7) Phenol-d6	6.952	99	2542602	126.621	ng	-0.01
23) Nitrobenzene-d5	8.922	82	1573454	84.448	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1093348	108.693	ng	-0.01
45) 2-Fluorobiphenyl	13.028	172	3748795	85.255	ng	-0.01
79) Terphenyl-d14	19.757	244	6071609	84.972	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	239	Below Cal	#	37
41) Hexachlorocyclopentadiene	12.381	237	17	7.290	ng	88
54) 2,4-Dinitrophenol	14.551	184	10	4.534	ng	# 1

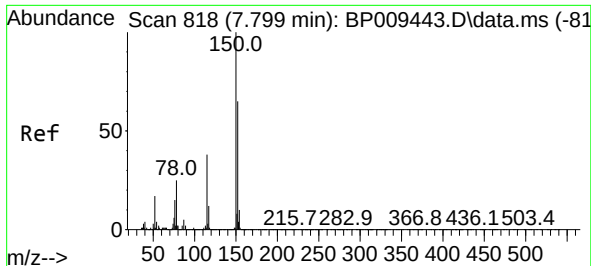
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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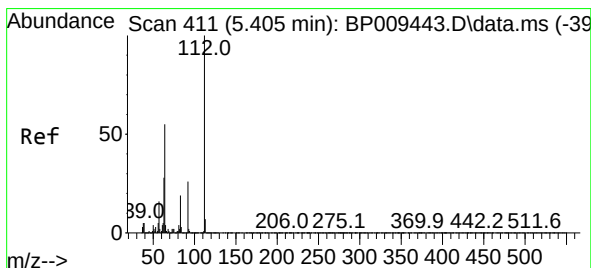
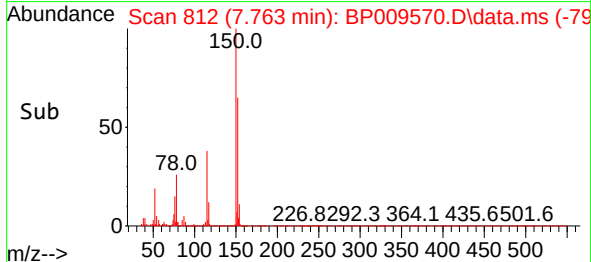
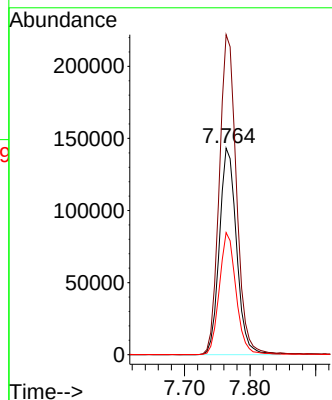
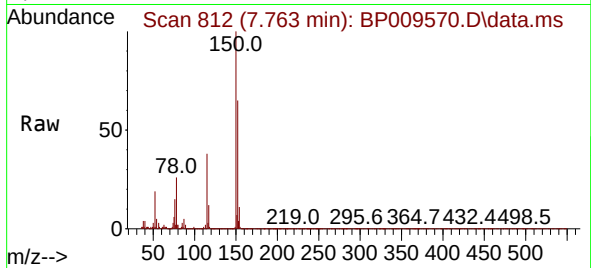




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

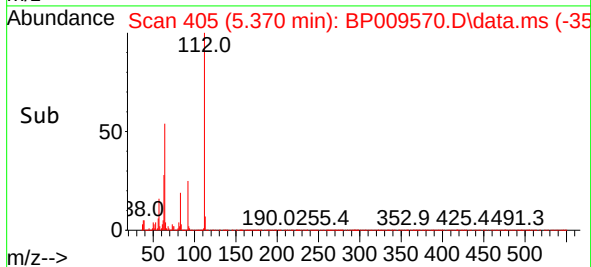
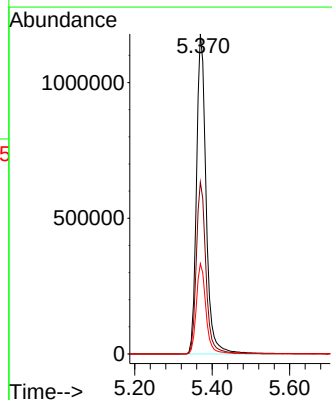
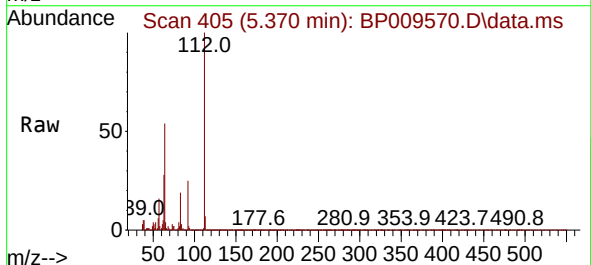
Instrument :
BNA_P
ClientSampleId :
MHC

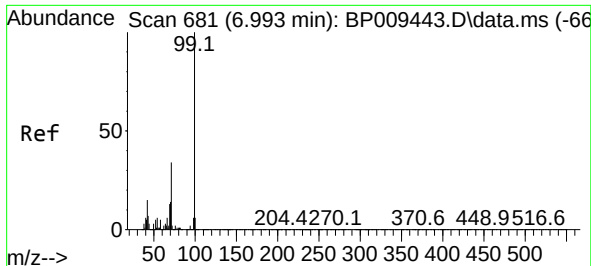
Tgt Ion:152 Resp: 259244
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 59.1 48.2 72.4



#5
2-Fluorophenol
Concen: 136.936 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

Tgt Ion:112 Resp: 2033283
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 28.2 23.0 34.6

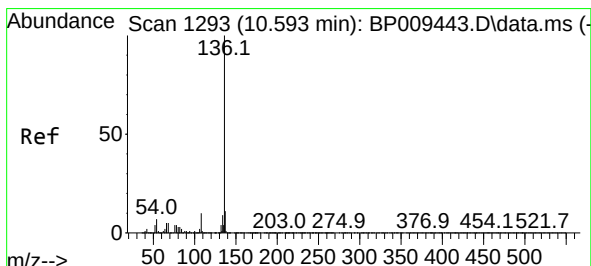
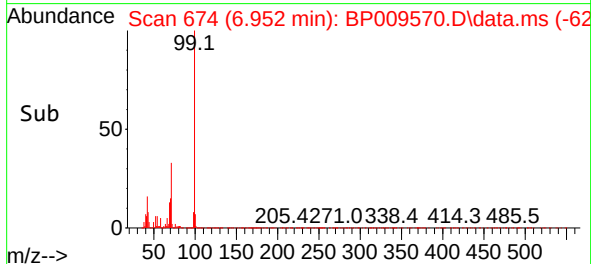
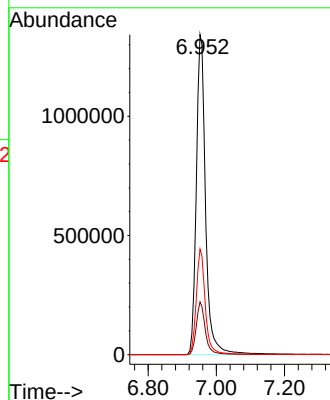
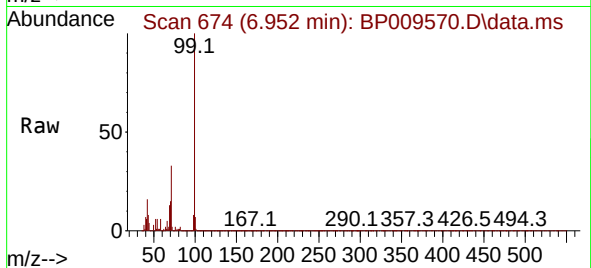




#7
Phenol-d6
Concen: 126.621 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

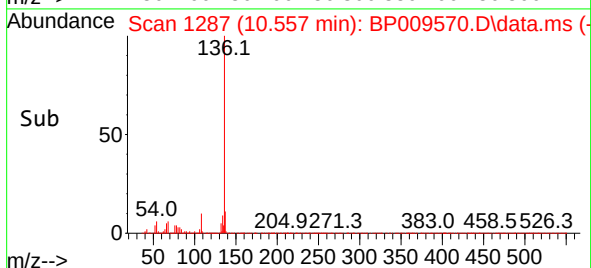
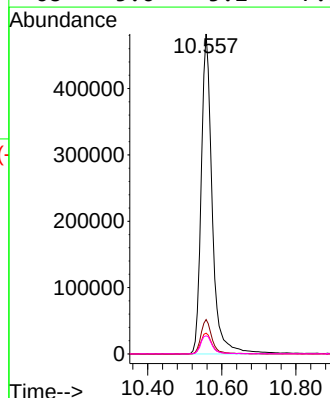
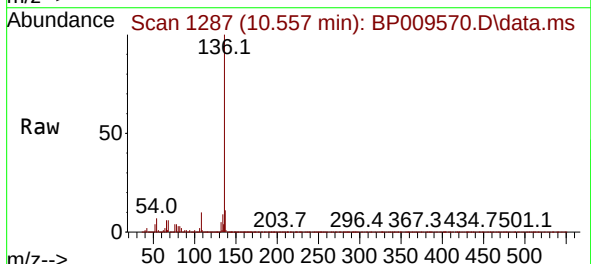
Instrument :
BNA_P
ClientSampleId :
MHC

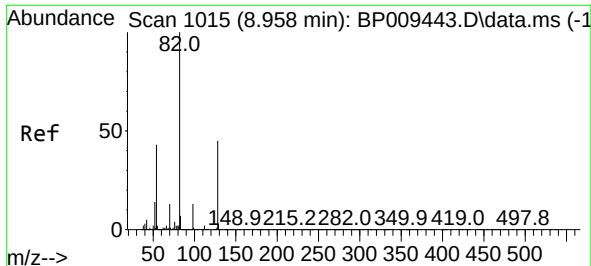
Tgt Ion: 99 Resp: 2542602
Ion Ratio Lower Upper
99 100
42 16.4 12.8 19.2
71 33.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

Tgt Ion: 136 Resp: 990126
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.5 5.8 8.8
68 5.6 5.2 7.8

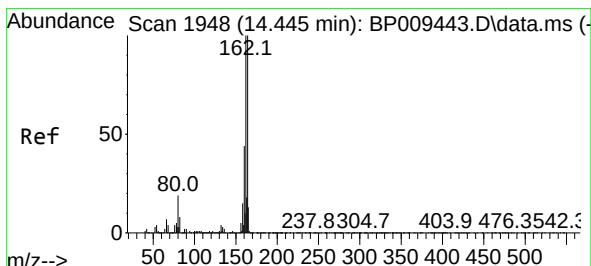
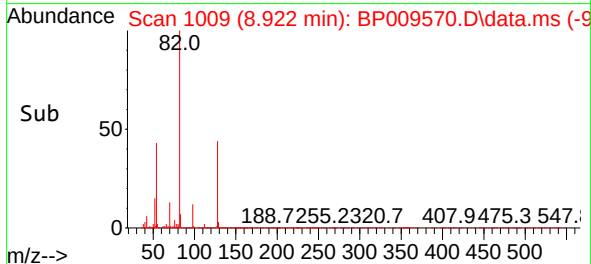
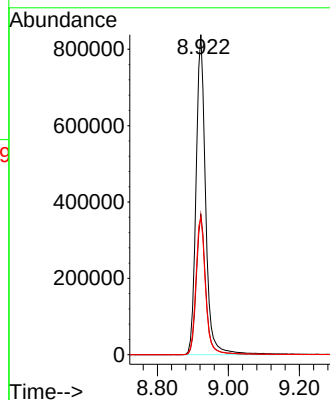
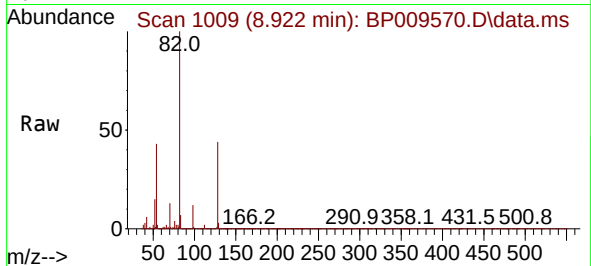




#23
Nitrobenzene-d5
Concen: 84.448 ng
RT: 8.922 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

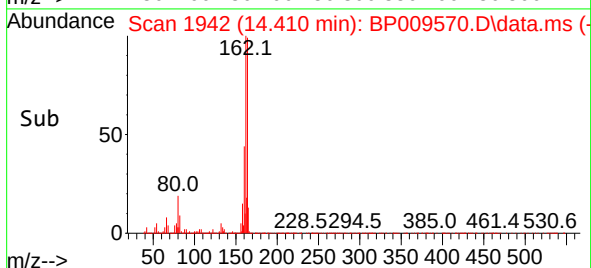
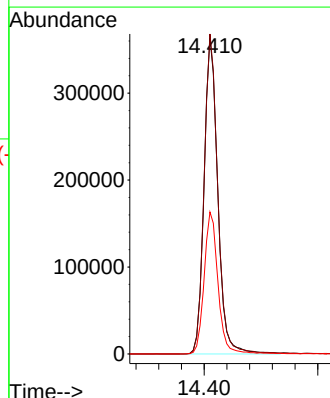
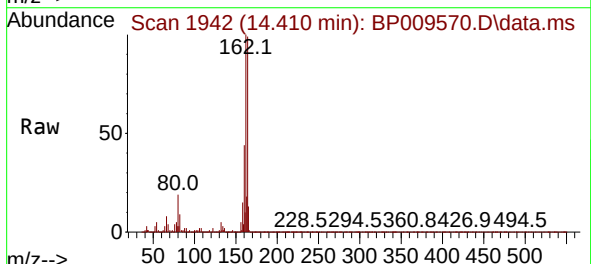
Instrument :
BNA_P
ClientSampleId :
MHC

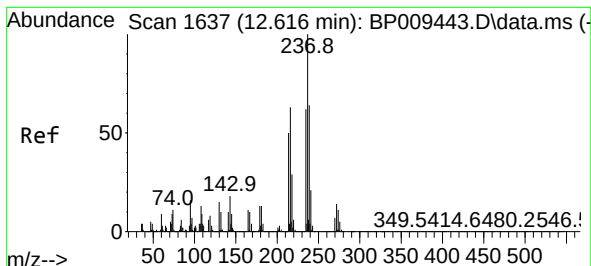
Tgt Ion: 82 Resp: 1573454
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

Tgt Ion:164 Resp: 609577
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.9 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.290 ng

RT: 12.381 min Scan# 1

Delta R.T. -0.206 min

Lab File: BP009570.D

Acq: 28 Mar 2022 17:48

Instrument :

BNA_P

ClientSampleId :

MHC

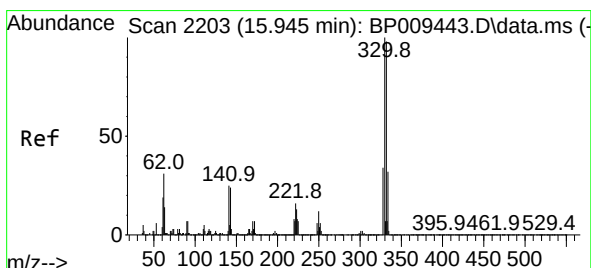
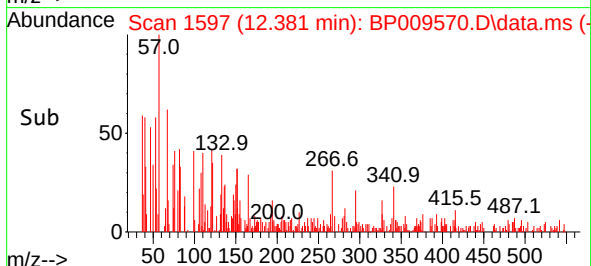
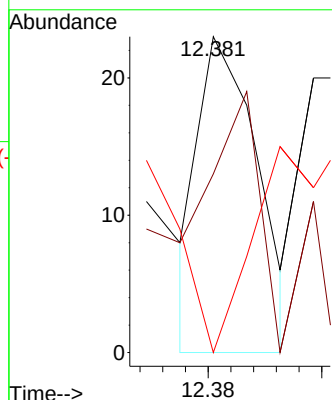
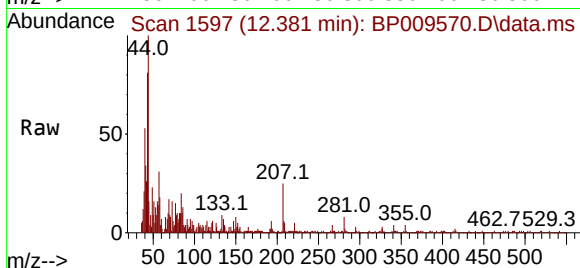
Tgt Ion:237 Resp: 17

Ion Ratio Lower Upper

237 100

235 56.5 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 108.693 ng

RT: 15.910 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BP009570.D

Acq: 28 Mar 2022 17:48

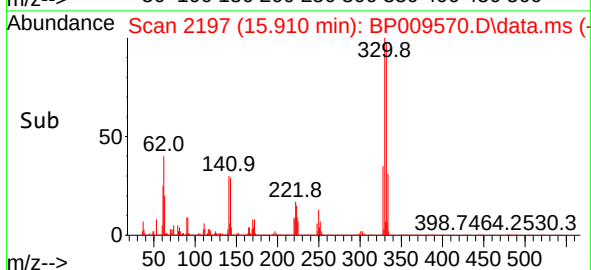
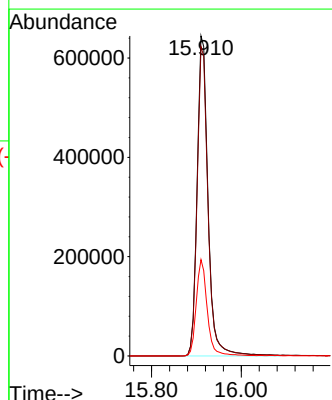
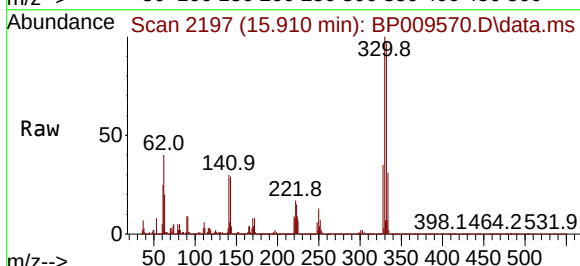
Tgt Ion:330 Resp: 1093348

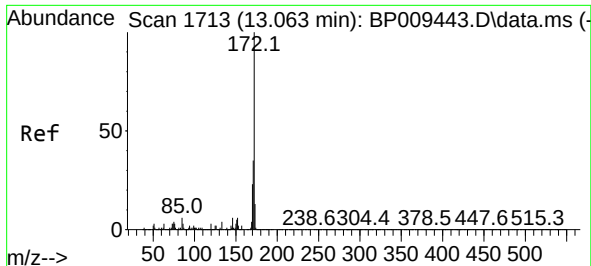
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 30.2 27.6 41.4

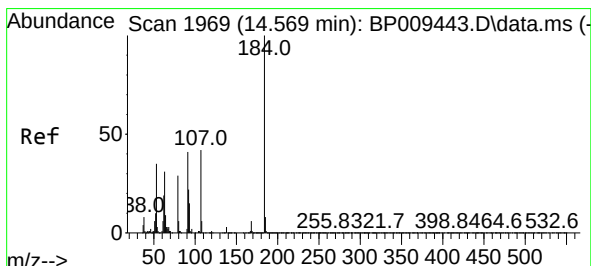
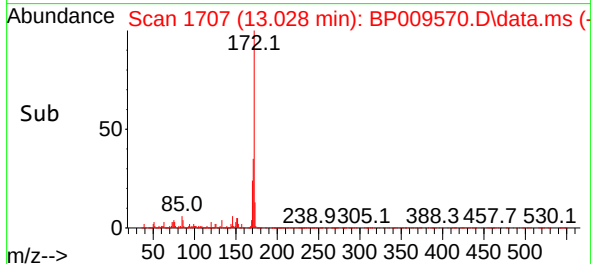
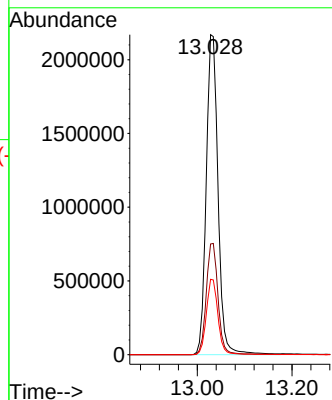
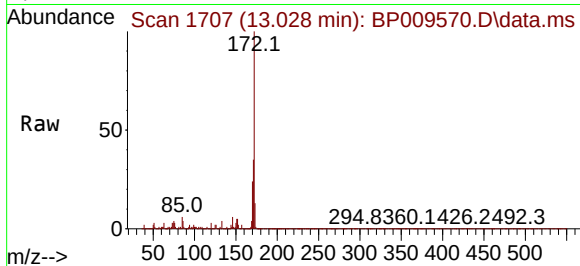




#45
2-Fluorobiphenyl
Concen: 85.255 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

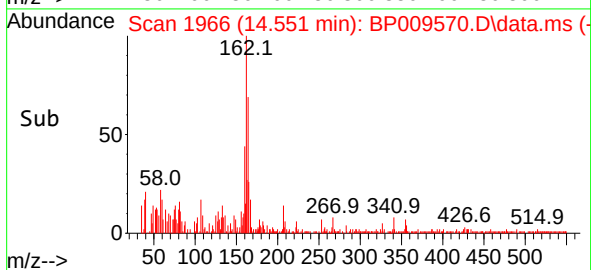
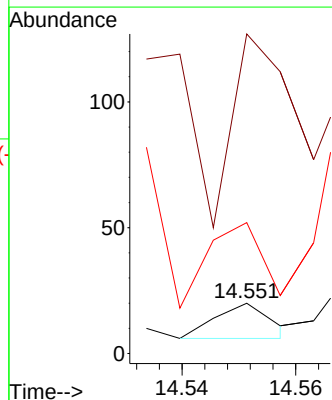
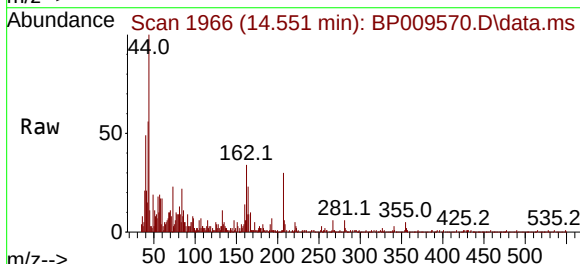
Instrument :
BNA_P
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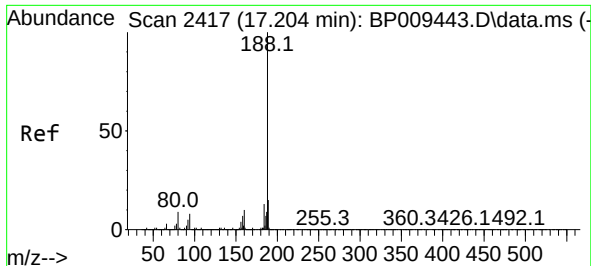
Tgt Ion:172 Resp: 3748795
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.6 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.534 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 635.0 46.3 69.5#
154 315.0 45.8 68.6#

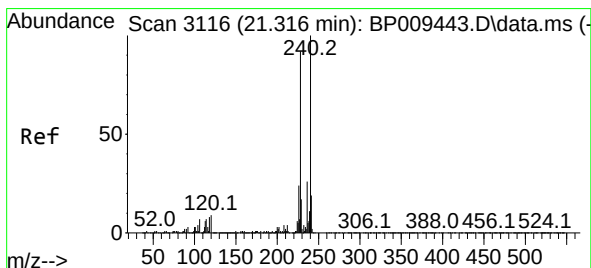
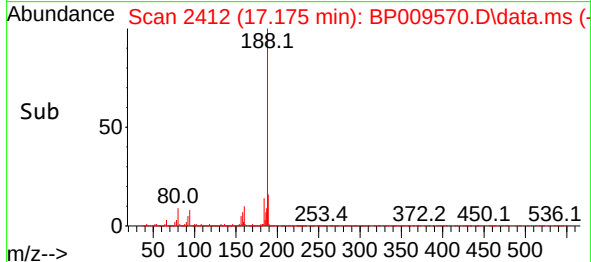
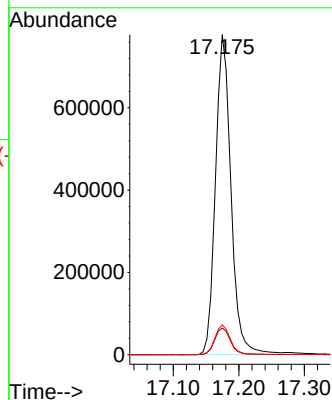
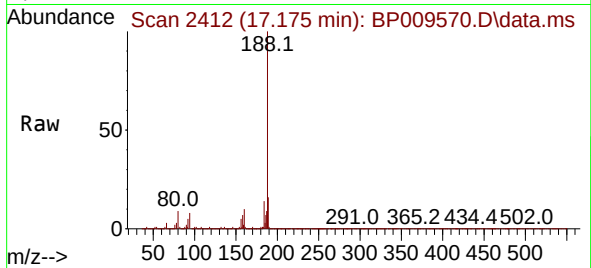




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

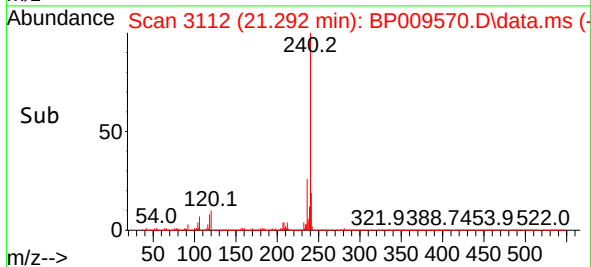
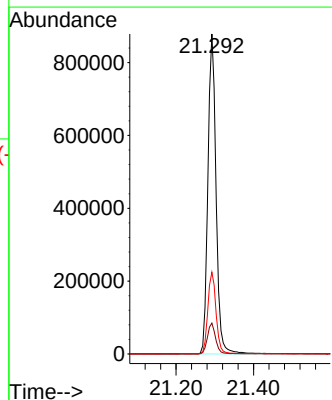
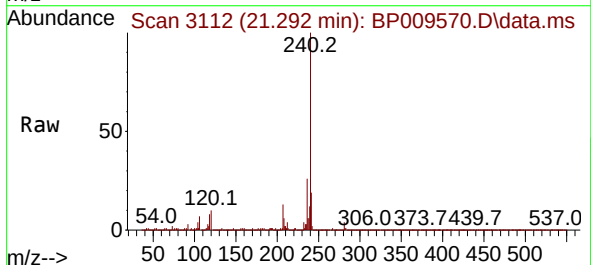
Instrument :
BNA_P
ClientSampleId :
MHC

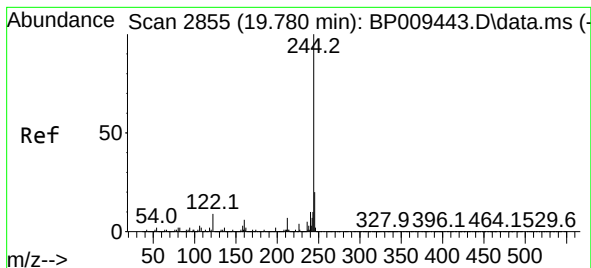
Tgt Ion:188 Resp: 1275135
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.3 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009570.D
Acq: 28 Mar 2022 17:48

Tgt Ion:240 Resp: 1282519
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.6 20.6 30.8





#79

Terphenyl-d14

Concen: 84.972 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009570.D

Acq: 28 Mar 2022 17:48

Instrument :

BNA_P

ClientSampleId :

MHC

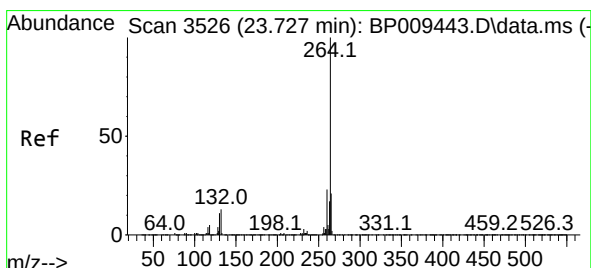
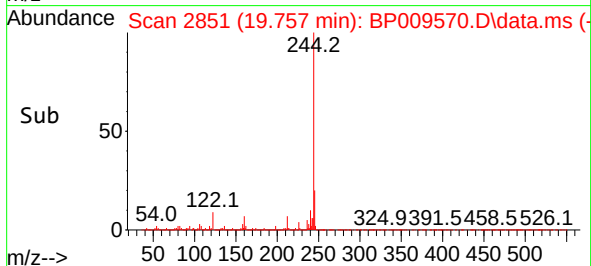
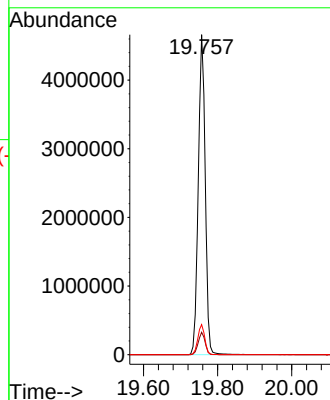
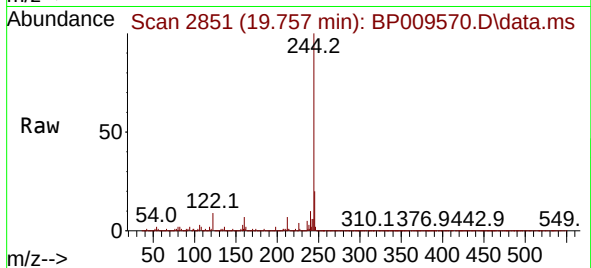
Tgt Ion:244 Resp: 6071609

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.4 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BP009570.D

Acq: 28 Mar 2022 17:48

Tgt Ion:264 Resp: 1412060

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.2 17.2 25.8

