

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009172.D
 Acq On : 16 Feb 2022 11:11
 Operator : CG/JU
 Sample : PB142581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 16 14:31:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

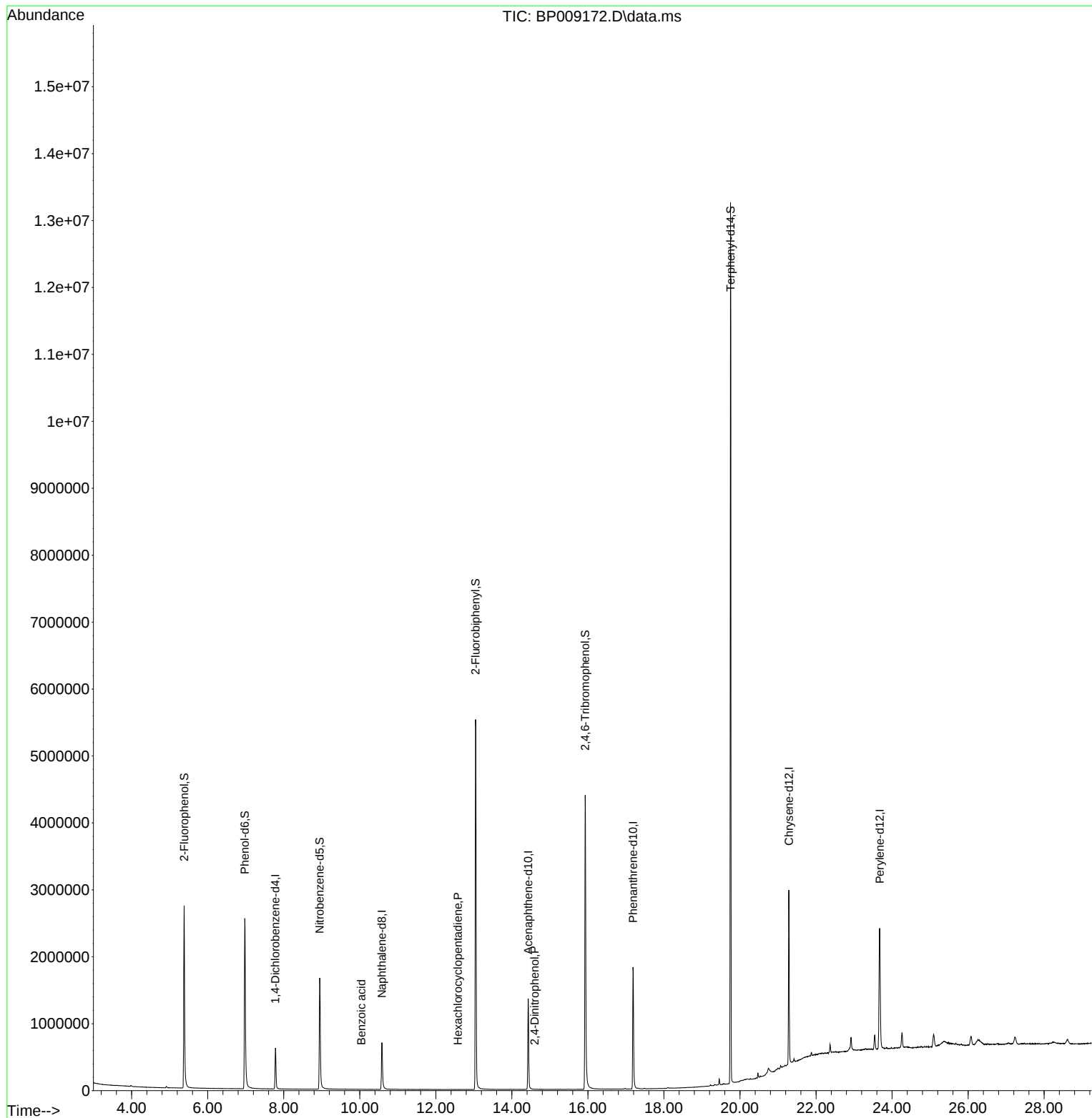
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	194744	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	764531	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	559290	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1310414	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1482773	20.000	ng	# 0.00
86) Perylene-d12	23.674	264	1595163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1478423	135.420	ng	0.00
7) Phenol-d6	6.975	99	1872971	130.199	ng	0.00
23) Nitrobenzene-d5	8.946	82	1164185	85.873	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	1162127	155.624	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	3342958	83.674	ng	0.00
79) Terphenyl-d14	19.751	244	6640564	80.538	ng	0.00
Target Compounds						
32) Benzoic acid	10.040	122	112	2.705	ng	# 1
41) Hexachlorocyclopentadiene	12.581	237	14	8.658	ng	82
54) 2,4-Dinitrophenol	14.598	184	8	2.169	ng	# 59

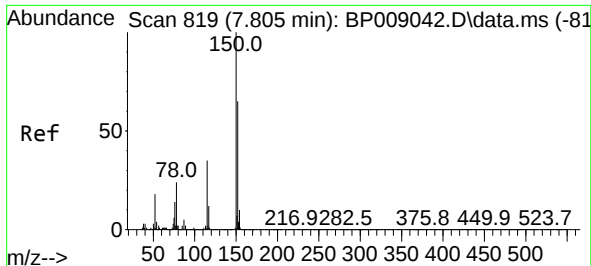
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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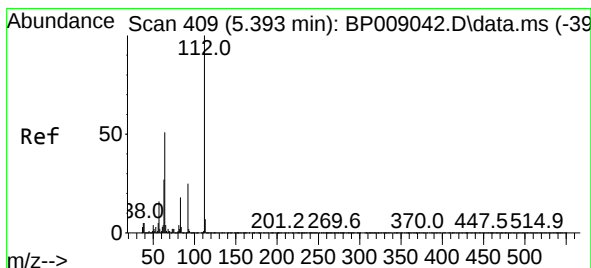
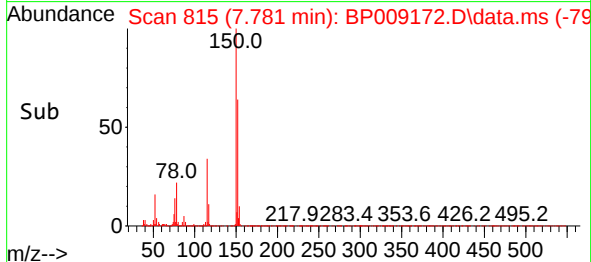
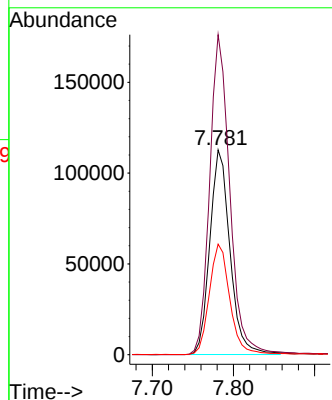
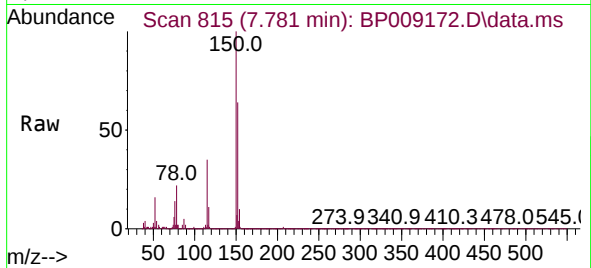




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

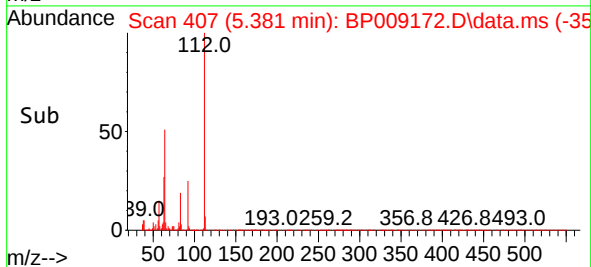
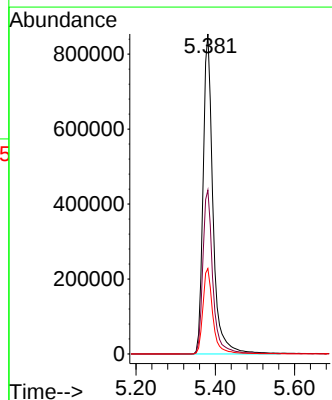
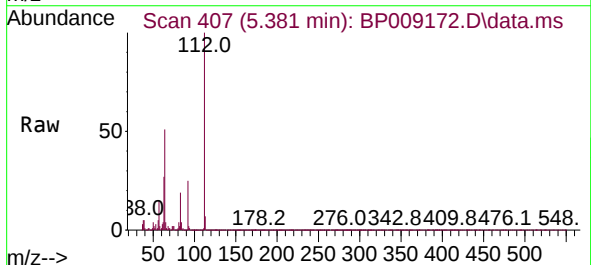
Instrument :
BNA_P
ClientSampleId :

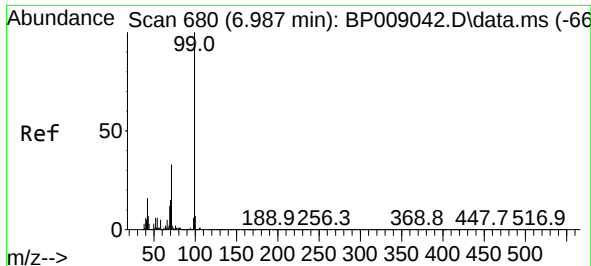
Tgt Ion:152 Resp: 194744
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 54.0 43.7 65.5



#5
2-Fluorophenol
Concen: 135.420 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

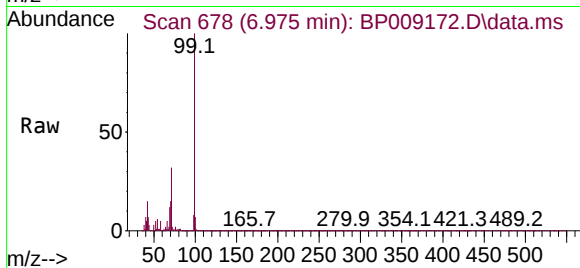
Tgt Ion:112 Resp: 1478423
Ion Ratio Lower Upper
112 100
64 51.2 39.7 59.5
63 26.7 20.0 30.0



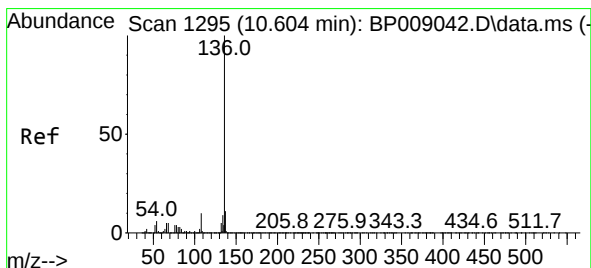
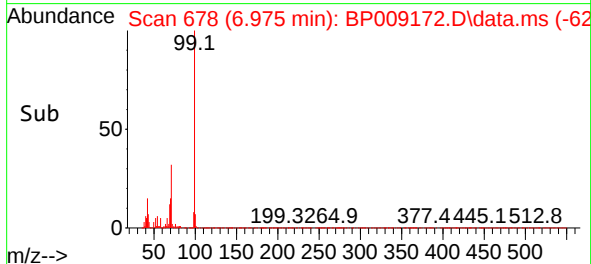
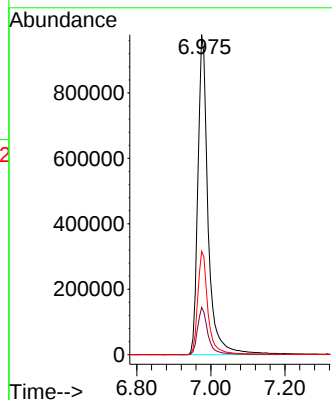


#7
Phenol-d6
Concen: 130.199 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Instrument :
BNA_P
ClientSampleId :

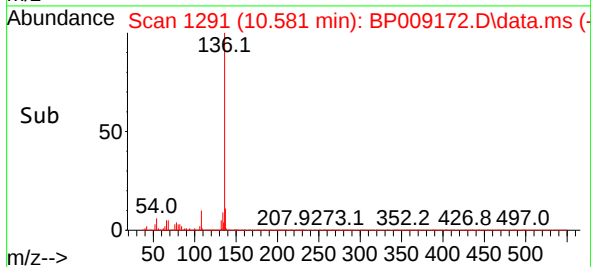
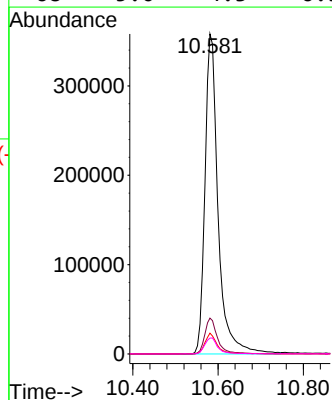
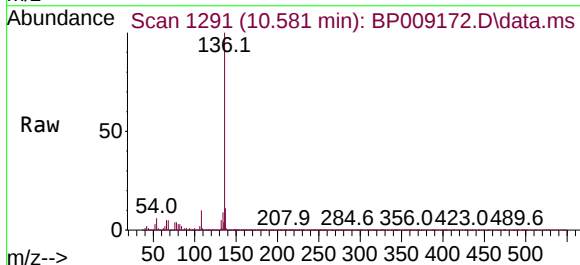


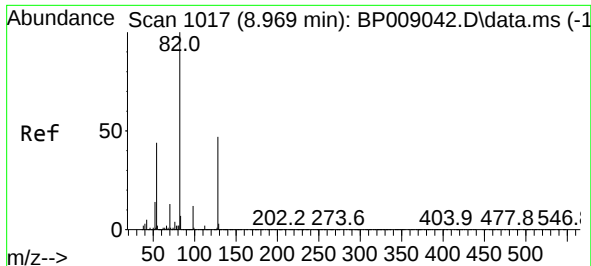
Tgt Ion: 99 Resp: 1872971
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Tgt Ion: 136 Resp: 764531
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.5 4.9 7.3
68 5.0 4.3 6.5

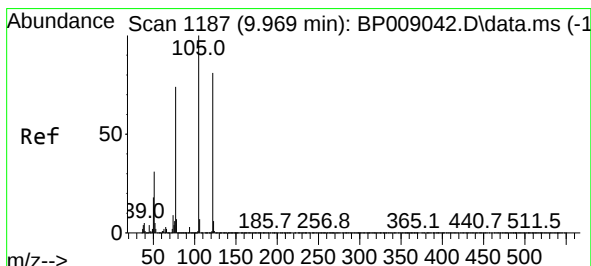
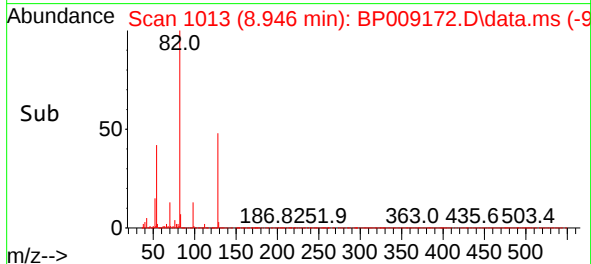
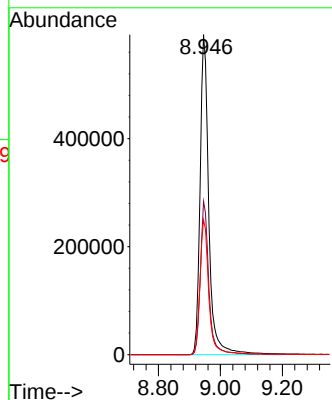
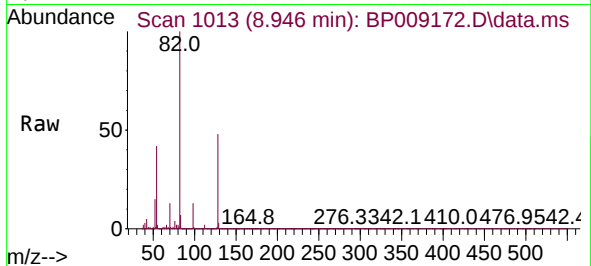




#23
Nitrobenzene-d5
Concen: 85.873 ng
RT: 8.946 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

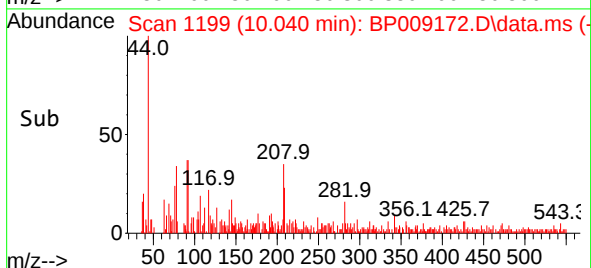
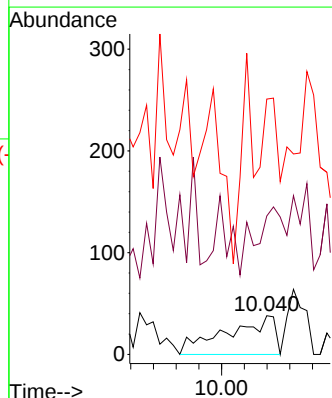
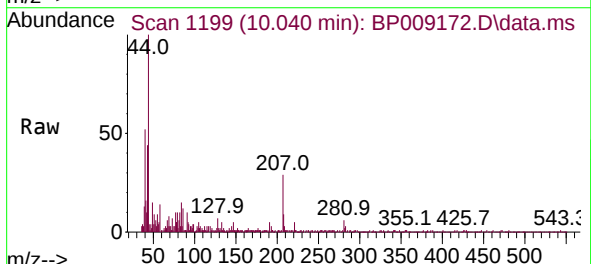
Instrument :
BNA_P
ClientSampleId :

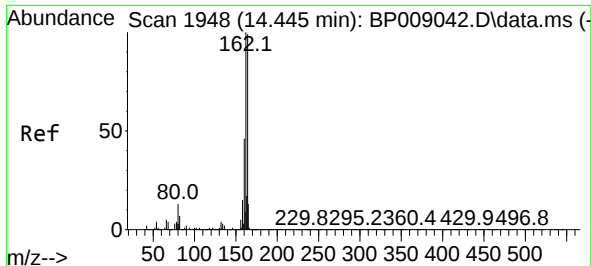
Tgt Ion: 82 Resp: 1164185
Ion Ratio Lower Upper
82 100
128 47.9 39.4 59.2
54 42.1 32.6 48.8



#32
Benzoic acid
Concen: 2.705 ng
RT: 10.040 min Scan# 1199
Delta R.T. 0.047 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

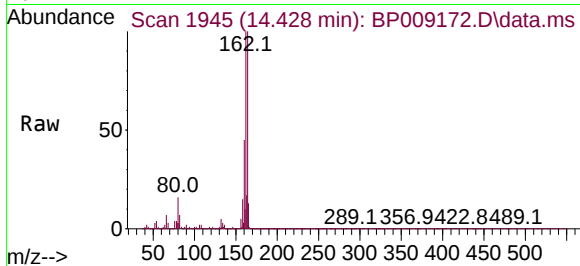
Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 357.9 100.1 140.1#
77 660.5 65.5 105.5#



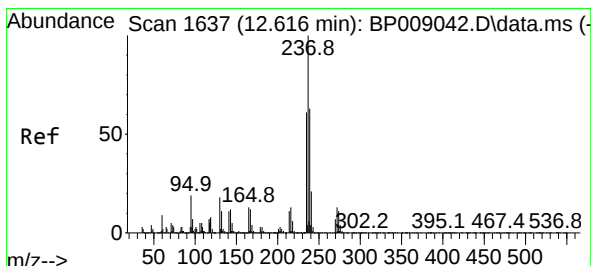
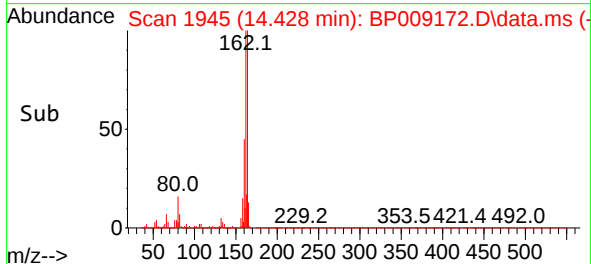
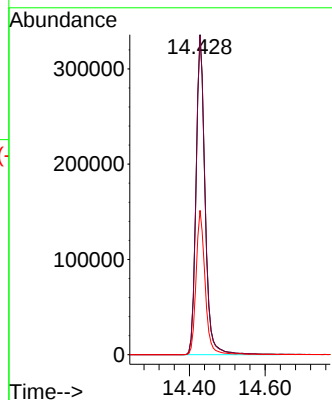


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Instrument :
BNA_P
ClientSampleId :

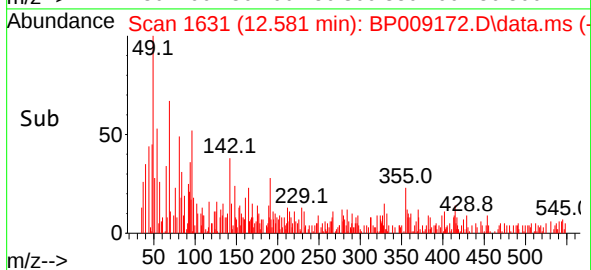
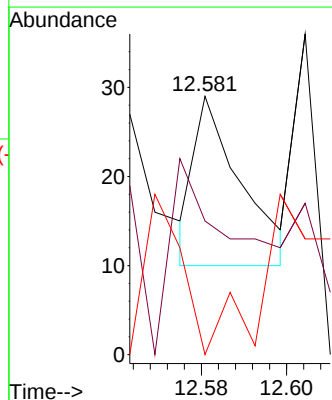
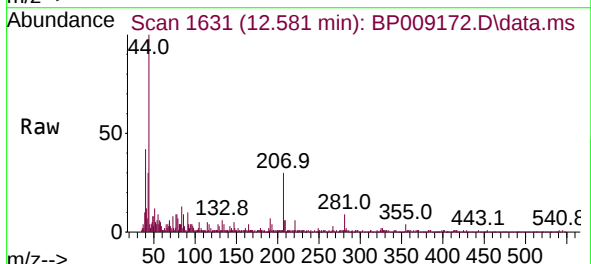


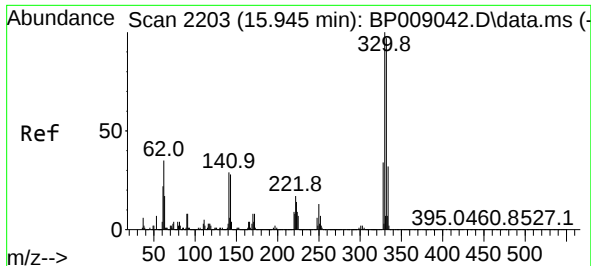
Tgt Ion:164 Resp: 559290
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 45.1 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.581 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 51.7 42.9 82.9
272 0.0 0.0 33.8

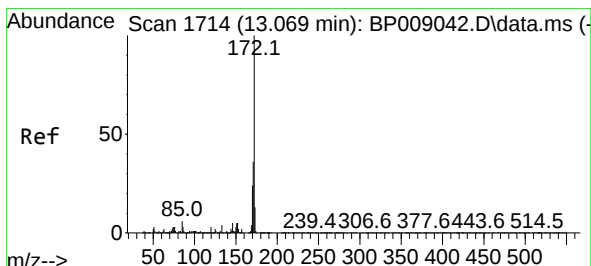
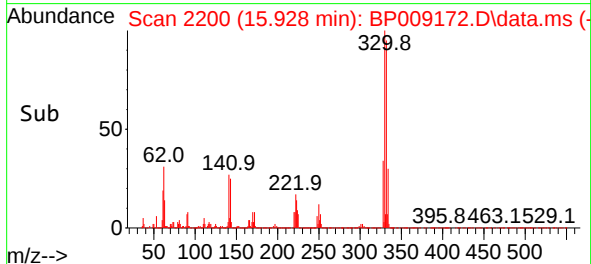
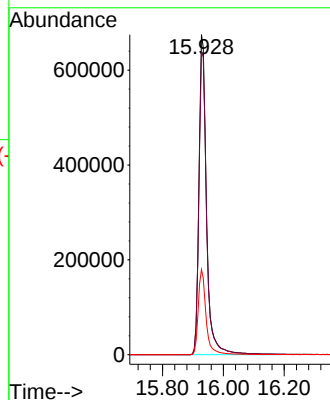
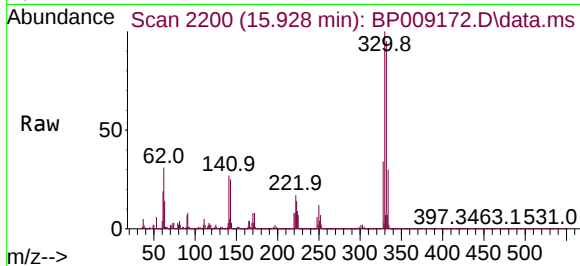




#42
2,4,6-Tribromophenol
Concen: 155.624 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

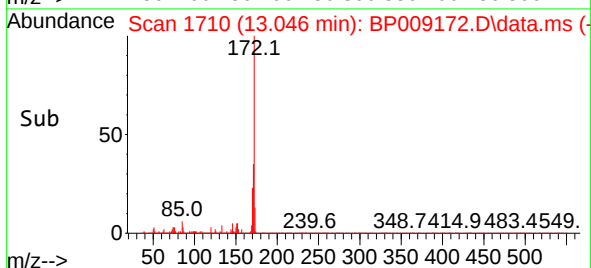
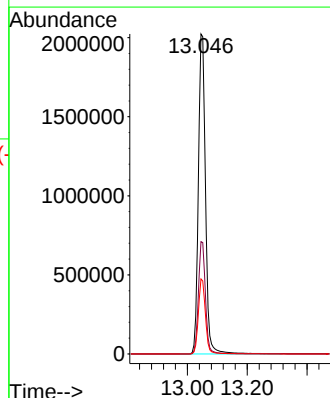
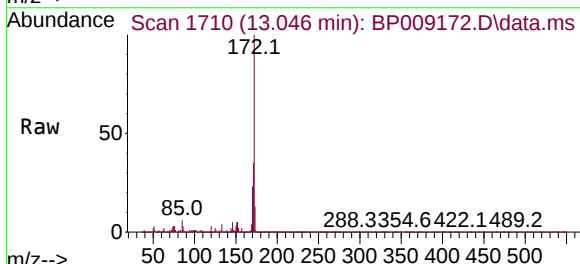
Instrument :
BNA_P
ClientSampleId :

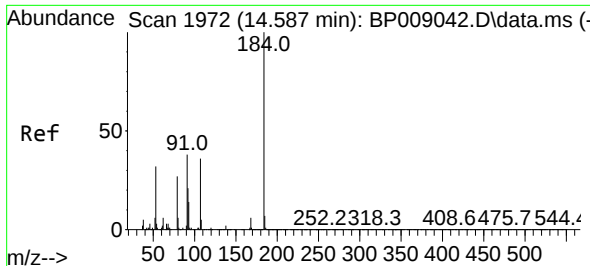
Tgt Ion:330 Resp: 1162127
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 83.674 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Tgt Ion:172 Resp: 3342958
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.5 19.5 29.3

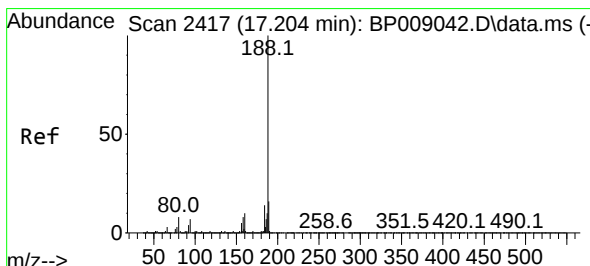
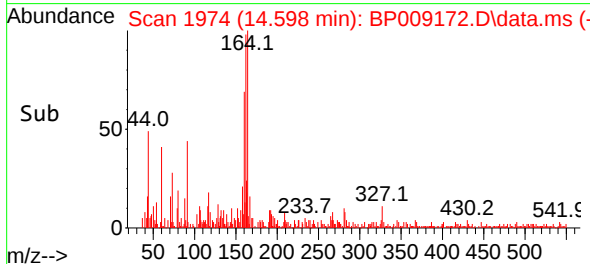
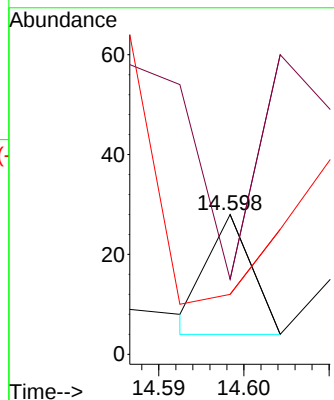
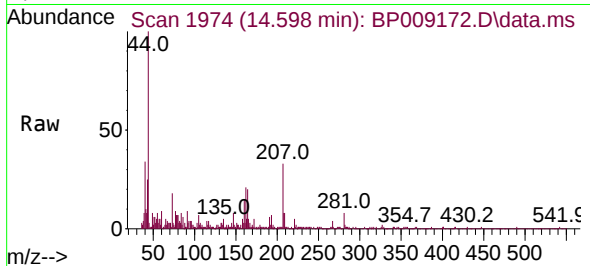




#54
2,4-Dinitrophenol
Concen: 2.169 ng
RT: 14.598 min Scan# 14598
Delta R.T. 0.012 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

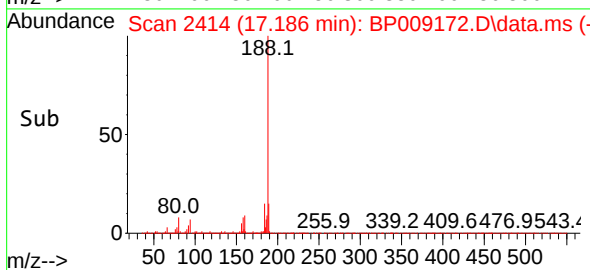
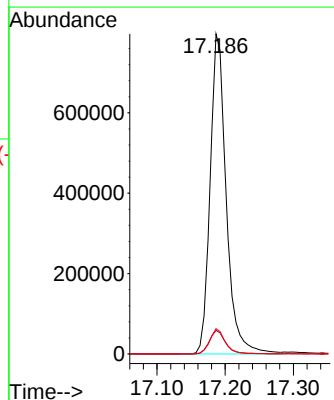
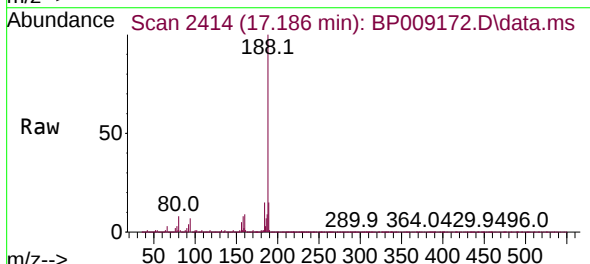
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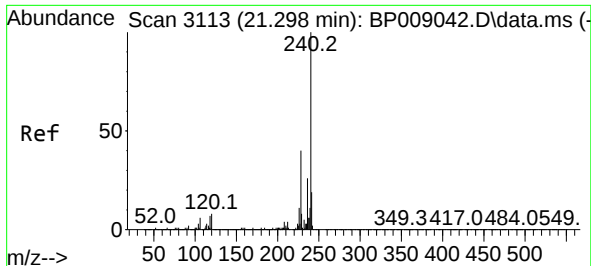
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 53.6 35.6 53.4#
154 100.0 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Tgt Ion:188 Resp: 1310414
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.9 7.2 10.8

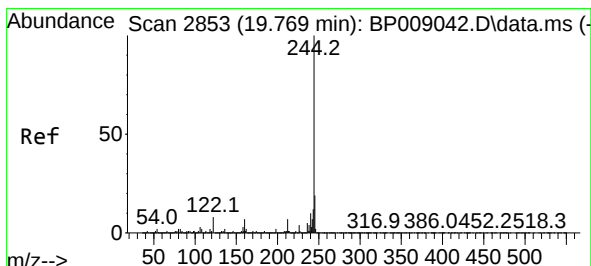
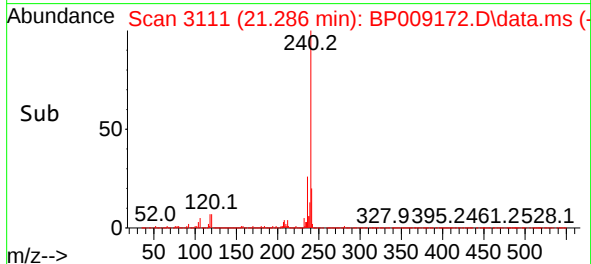
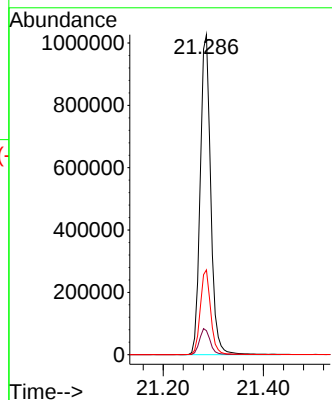
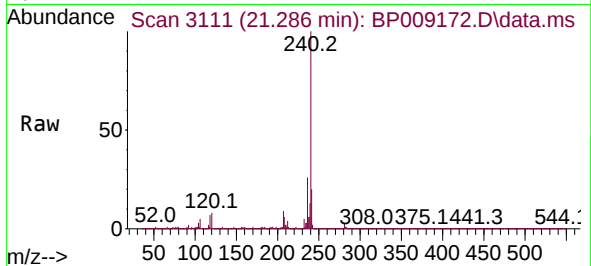




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

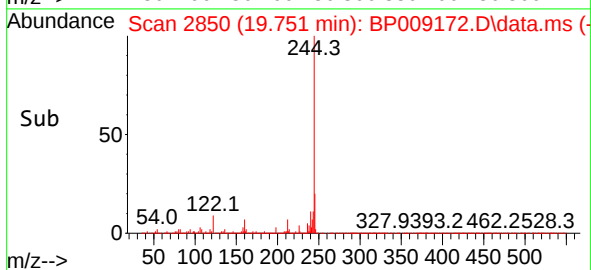
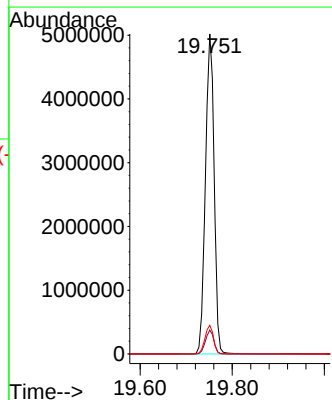
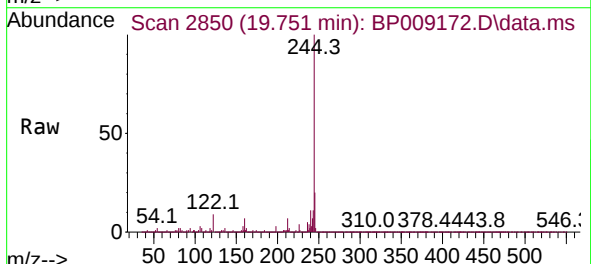
Instrument :
BNA_P
ClientSampleId :

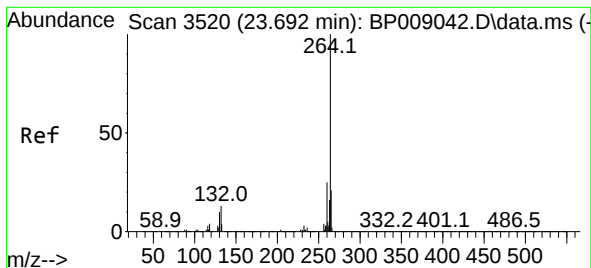
Tgt Ion:240 Resp: 1482773
Ion Ratio Lower Upper
240 100
120 7.5 7.7 11.5#
236 26.5 21.2 31.8



#79
Terphenyl-d14
Concen: 80.538 ng
RT: 19.751 min Scan# 2850
Delta R.T. 0.000 min
Lab File: BP009172.D
Acq: 16 Feb 2022 11:11

Tgt Ion:244 Resp: 6640564
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 9.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.674 min Scan# 3

Delta R.T. 0.000 min

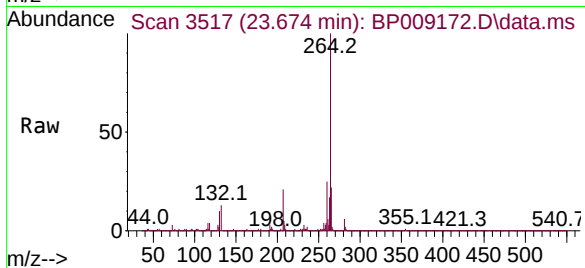
Lab File: BP009172.D

Acq: 16 Feb 2022 11:11

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:264 Resp: 1595163

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 22.3 17.1 25.7

