

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009657.D
 Acq On : 01 Apr 2022 14:36
 Operator : CG/JU
 Sample : N2217-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4

Quant Time: Apr 01 22:43:48 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 31 04:36:51 2022
 Response via : Initial Calibration

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

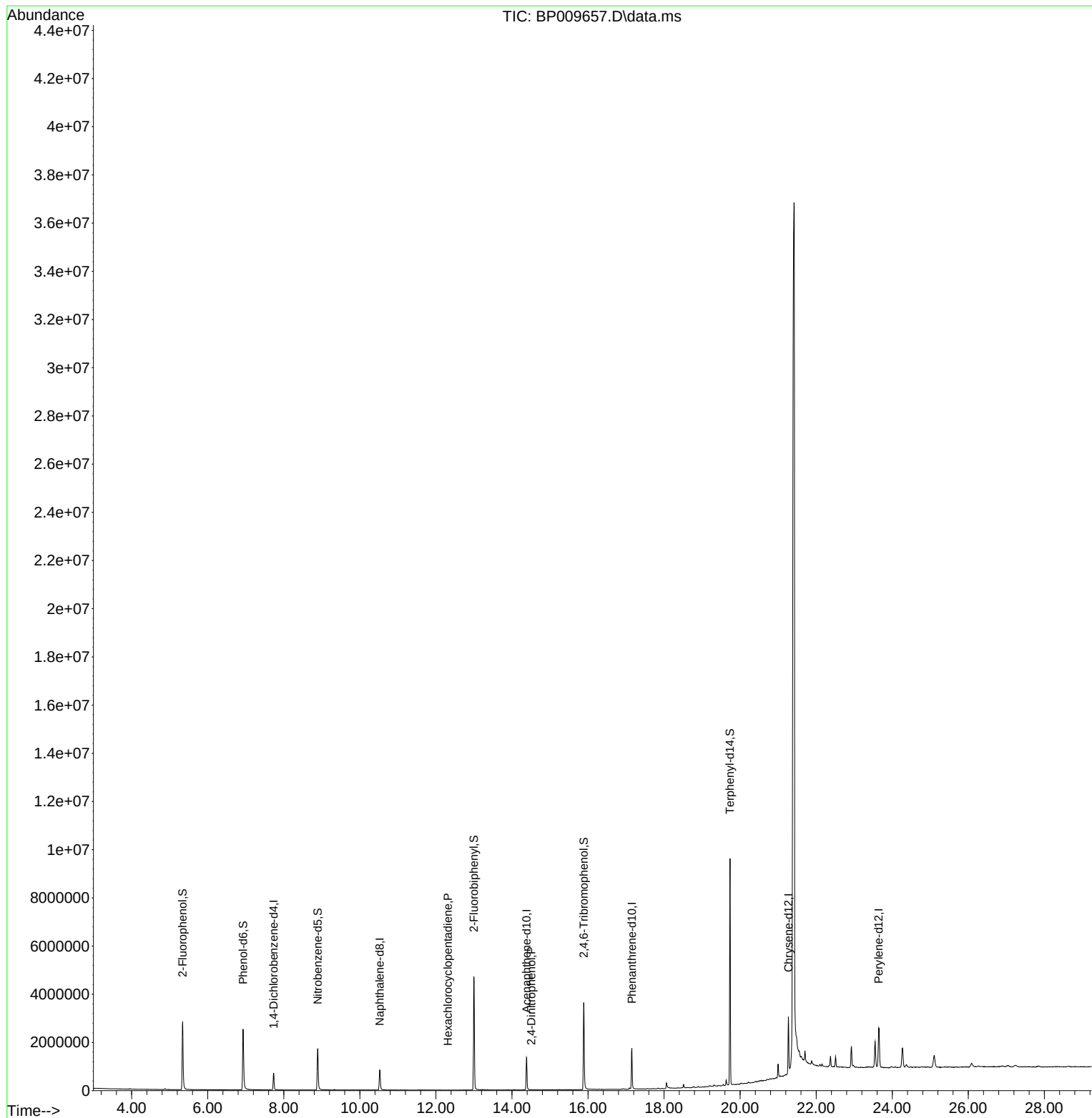
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	223300	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	869350	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	548083	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1161483	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1261531	20.000	ng	0.00
86) Perylene-d12	23.645	264	1362494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1557647	121.789	ng	0.00
7) Phenol-d6	6.928	99	1946968	112.566	ng	0.00
23) Nitrobenzene-d5	8.893	82	1222810	74.746	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	841950	93.092	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	2805999	70.973	ng	-0.01
79) Terphenyl-d14	19.733	244	4734132	67.357	ng	0.00
Target Compounds						
9) Benzaldehyde	6.852	77	243	Below Cal	#	51
41) Hexachlorocyclopentadiene	12.316	237	42	7.293	ng	89
54) 2,4-Dinitrophenol	14.510	184	60	4.543	ng	# 37

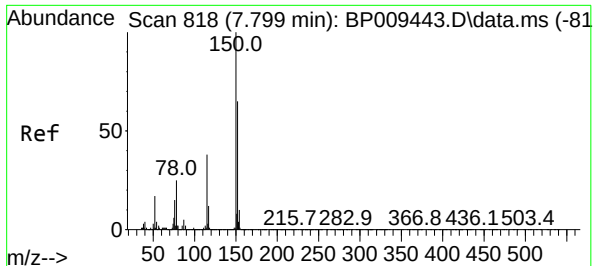
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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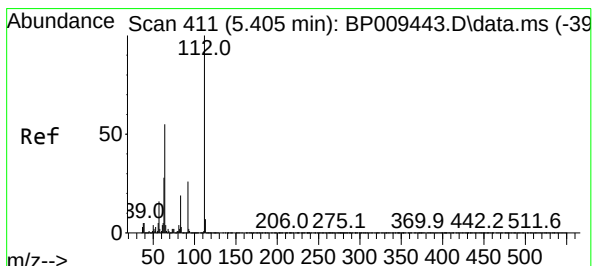
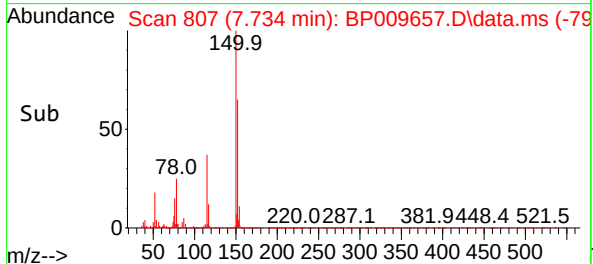
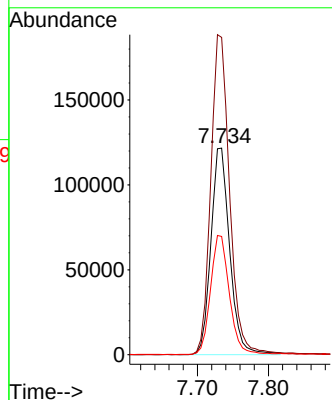
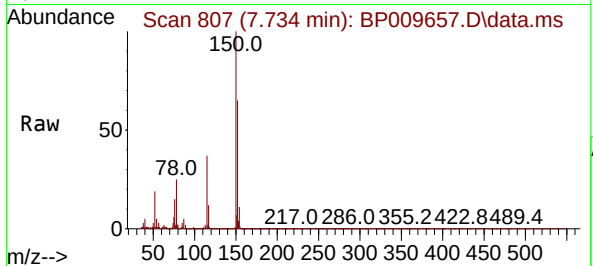




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

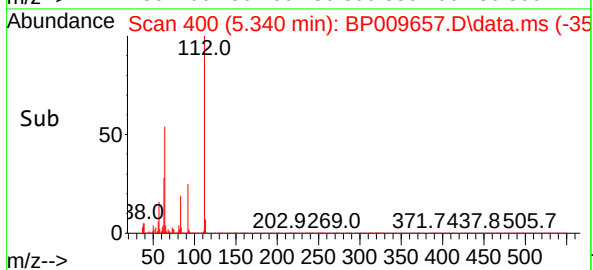
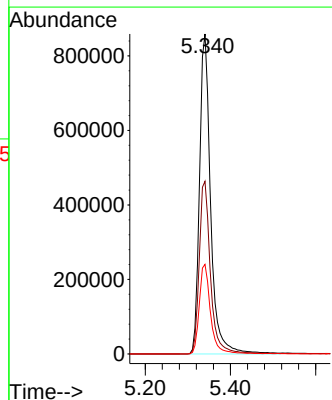
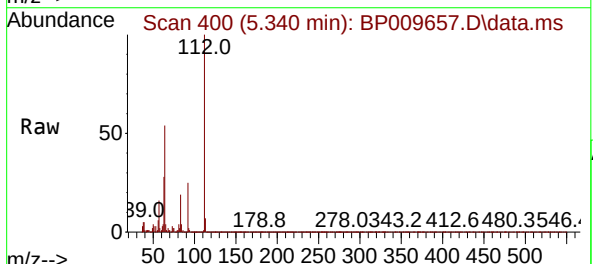
Instrument :
BNA_P
ClientSampleId :
SB-4

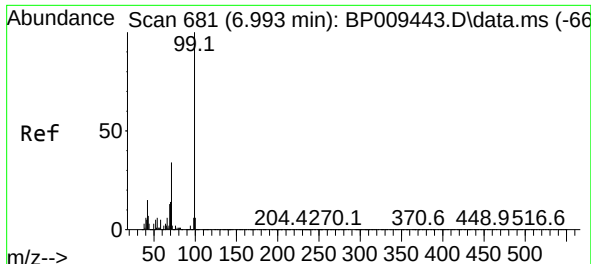
Tgt Ion:152 Resp: 223300
Ion Ratio Lower Upper
152 100
150 153.6 124.5 186.7
115 57.2 48.2 72.4



#5
2-Fluorophenol
Concen: 121.789 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

Tgt Ion:112 Resp: 1557647
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 28.0 23.0 34.6

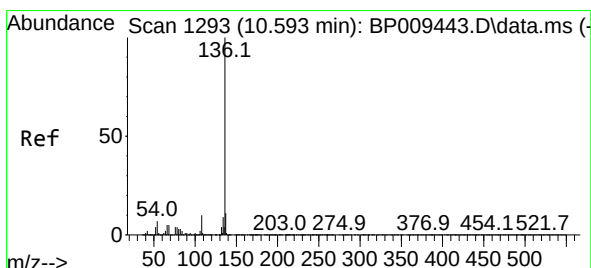
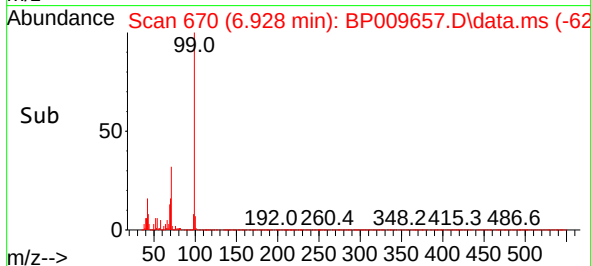
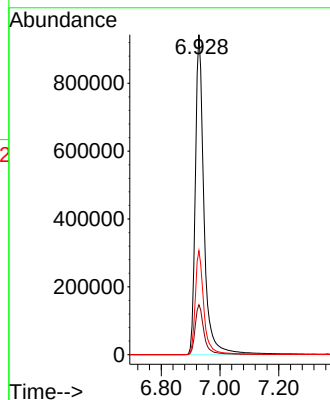
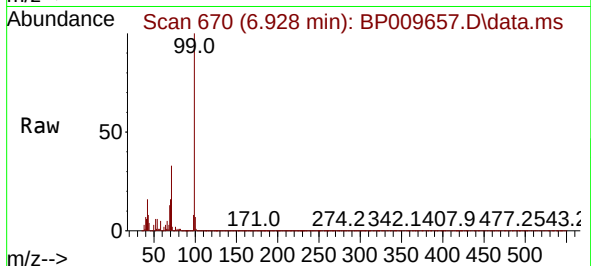




#7
Phenol-d6
Concen: 112.566 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

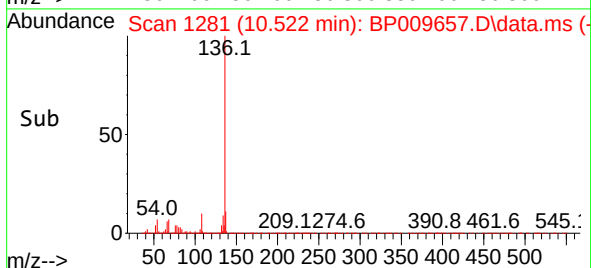
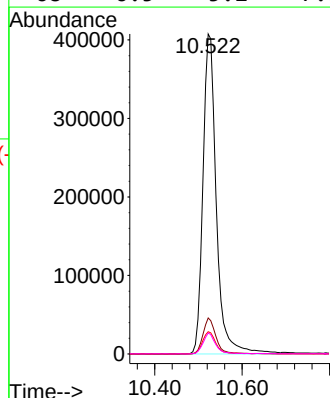
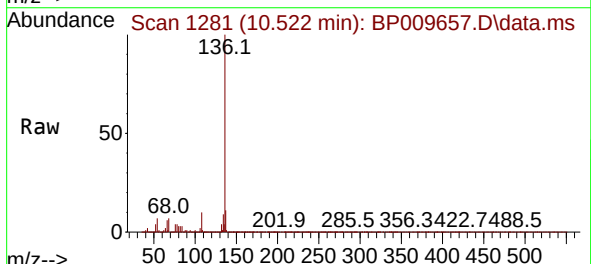
Instrument :
BNA_P
ClientSampleId :
SB-4

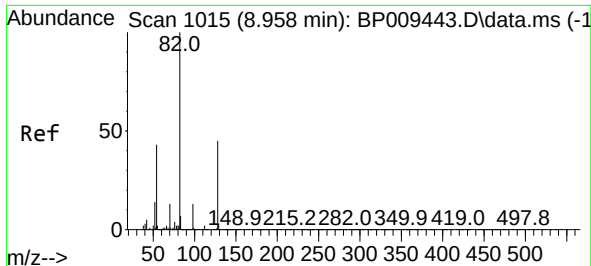
Tgt Ion: 99 Resp: 1946968
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

Tgt Ion: 136 Resp: 869350
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 7.0 5.8 8.8
68 6.5 5.2 7.8

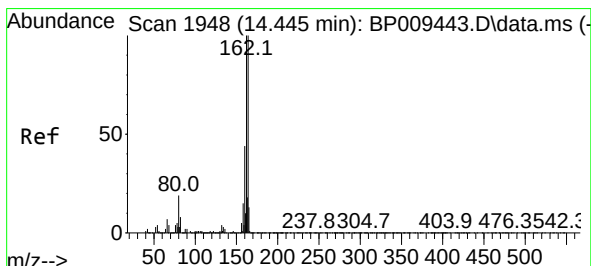
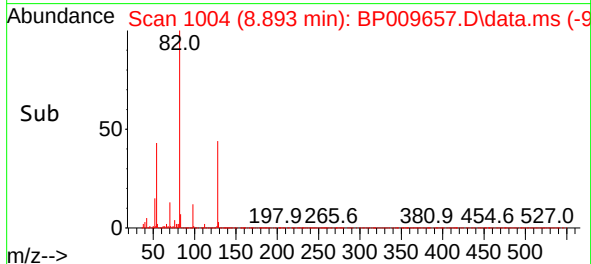
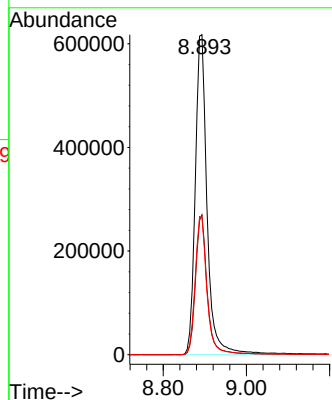
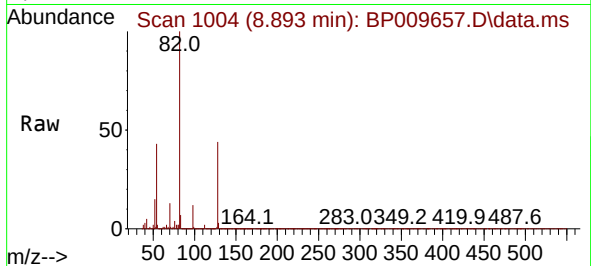




#23
Nitrobenzene-d5
Concen: 74.746 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

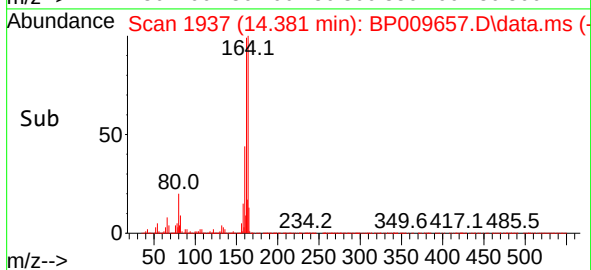
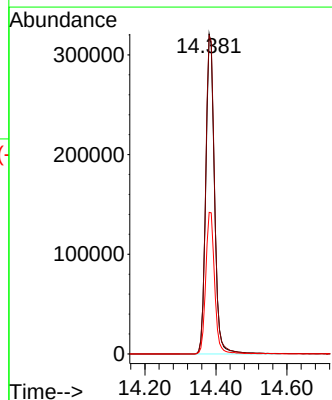
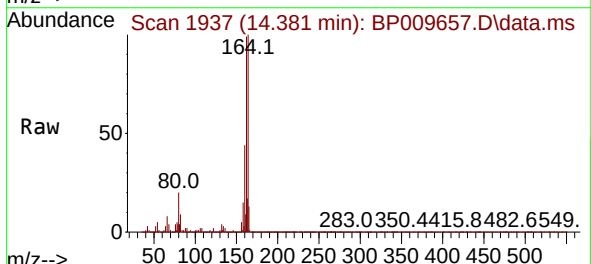
Instrument :
BNA_P
ClientSampleId :
SB-4

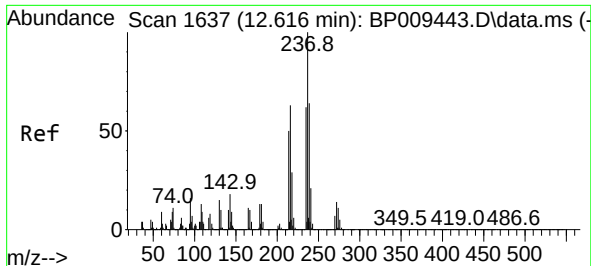
Tgt Ion: 82 Resp: 1222810
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

Tgt Ion:164 Resp: 548083
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.3 34.9 52.3

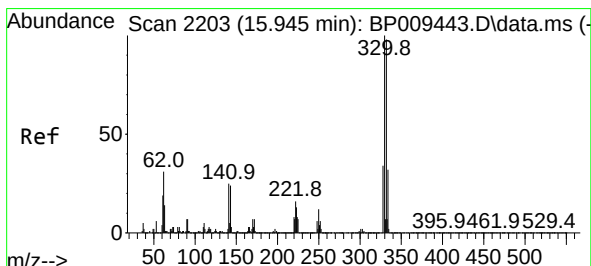
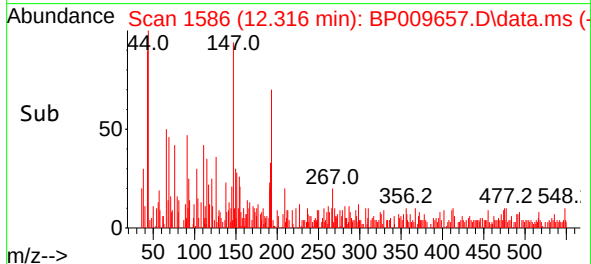
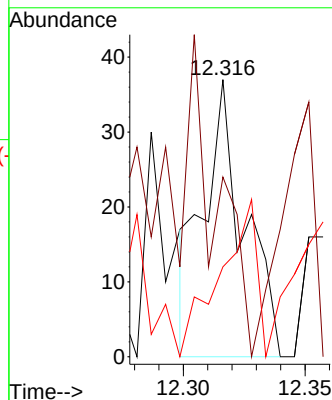
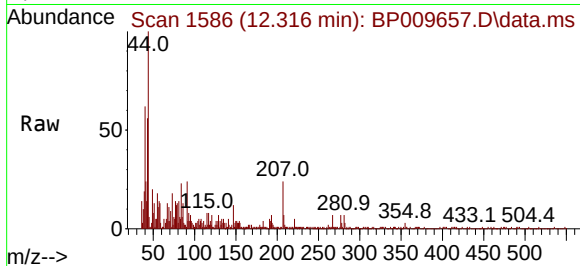




#41
Hexachlorocyclopentadiene
Concen: 7.293 ng
RT: 12.316 min Scan# 11
Delta R.T. -0.241 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

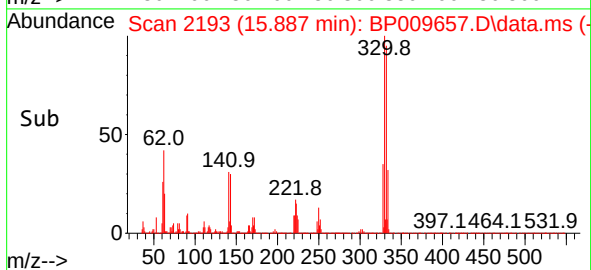
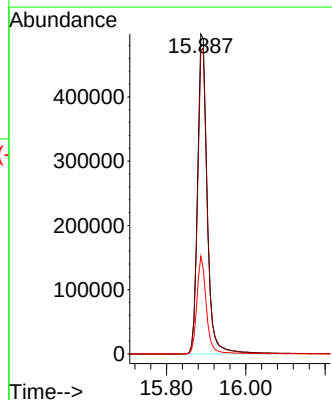
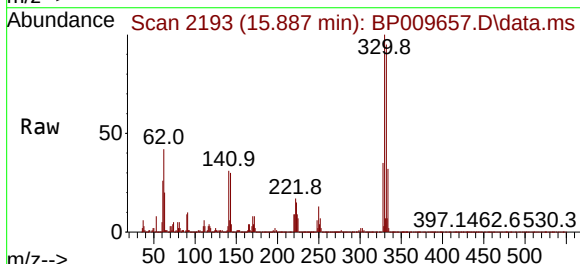
Instrument :
BNA_P
ClientSampleId :
SB-4

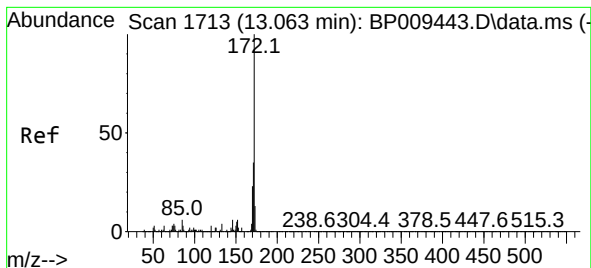
Tgt Ion:237	Resp:	42
Ion	Ratio	Lower Upper
237	100	
235	64.9	42.6 82.6
272	32.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 93.092 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

Tgt Ion:330	Resp:	841950
Ion	Ratio	Lower Upper
330	100	
332	96.1	77.0 115.6
141	29.9	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 70.973 ng

RT: 12.999 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009657.D

Acq: 01 Apr 2022 14:36

Instrument :

BNA_P

ClientSampleId :

SB-4

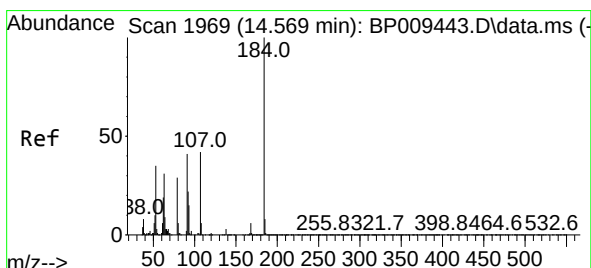
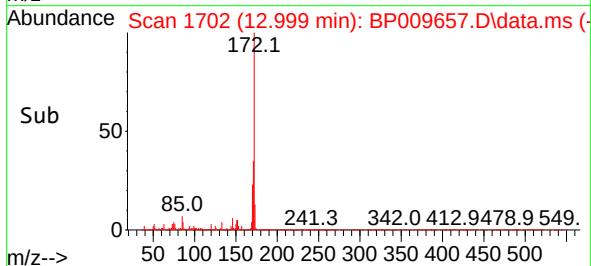
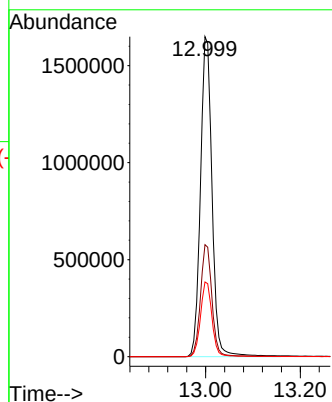
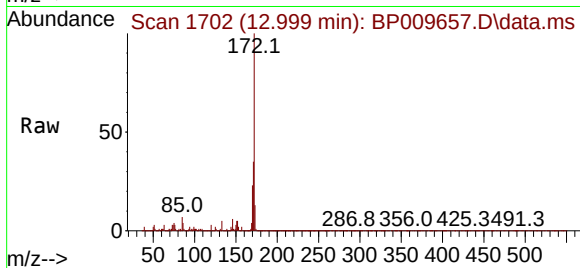
Tgt Ion:172 Resp: 2805999

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.4 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.543 ng

RT: 14.510 min Scan# 1959

Delta R.T. -0.017 min

Lab File: BP009657.D

Acq: 01 Apr 2022 14:36

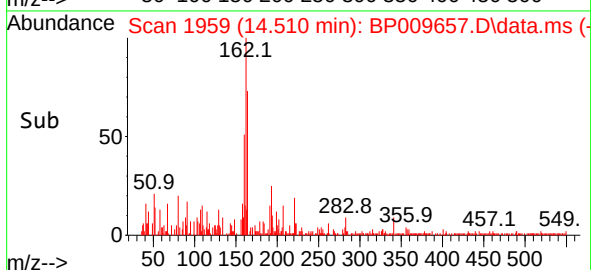
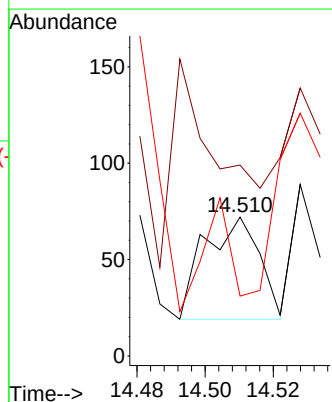
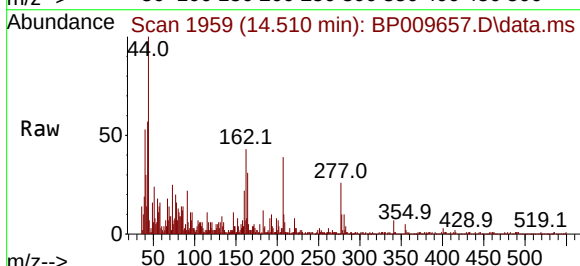
Tgt Ion:184 Resp: 60

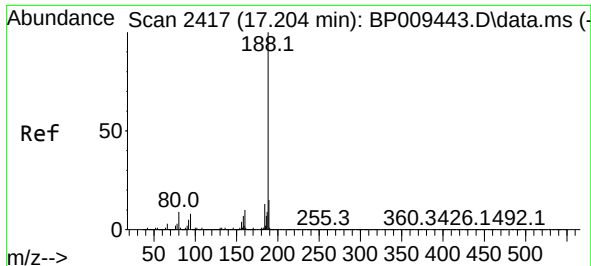
Ion Ratio Lower Upper

184 100

63 137.5 46.3 69.5#

154 43.1 45.8 68.6#

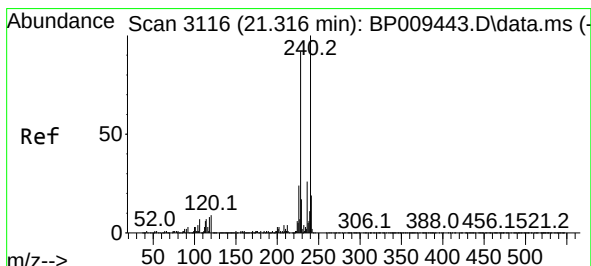
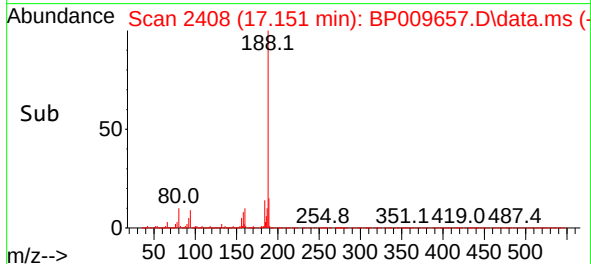
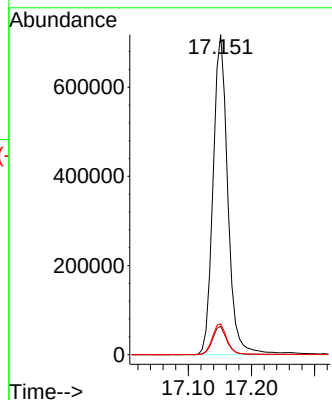
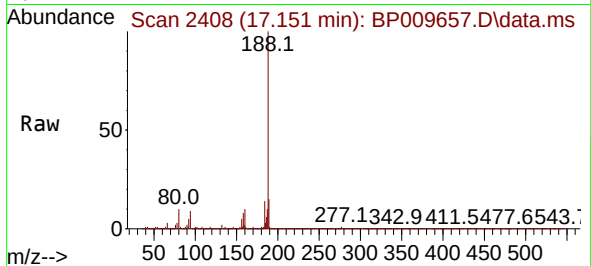




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

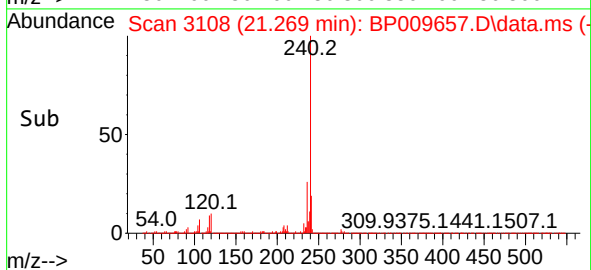
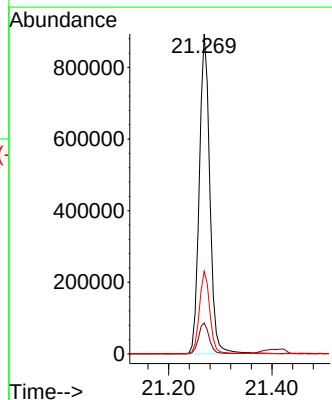
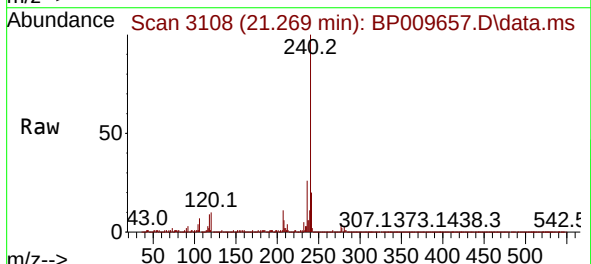
Instrument :
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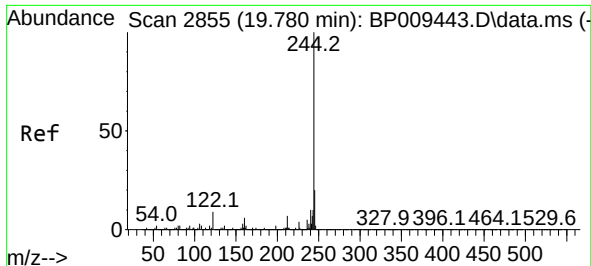
Tgt Ion:188 Resp: 1161483
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.7 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009657.D
Acq: 01 Apr 2022 14:36

Tgt Ion:240 Resp: 1261531
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 25.9 20.6 30.8

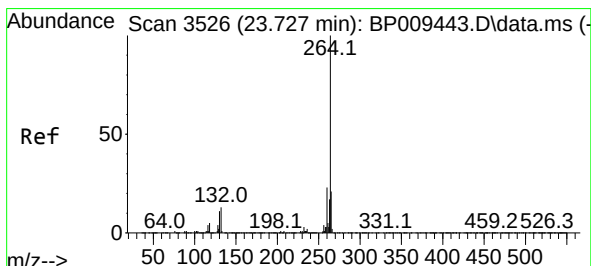
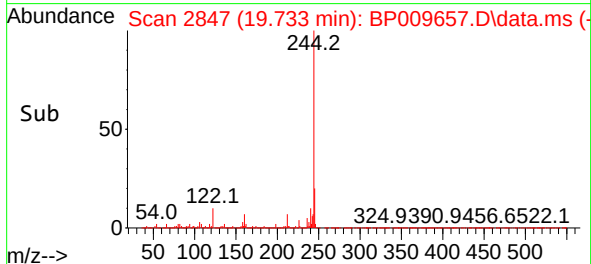
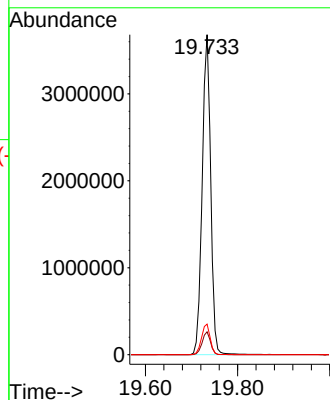
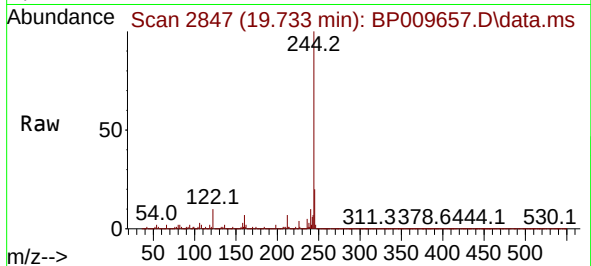




#79
 Terphenyl-d14
 Concen: 67.357 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009657.D
 Acq: 01 Apr 2022 14:36

Instrument :
 BNA_P
 ClientSampleId :
 SB-4

Tgt Ion:244 Resp: 4734132
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.645 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BP009657.D
 Acq: 01 Apr 2022 14:36

Tgt Ion:264 Resp: 1362494
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.8 17.2 25.8

