

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
 Data File : BP009471.D
 Acq On : 21 Mar 2022 15:31
 Operator : CG/JU
 Sample : N2001-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D-14A

Quant Time: Mar 21 16:40:25 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 17 18:26:53 2022
 Response via : Initial Calibration

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

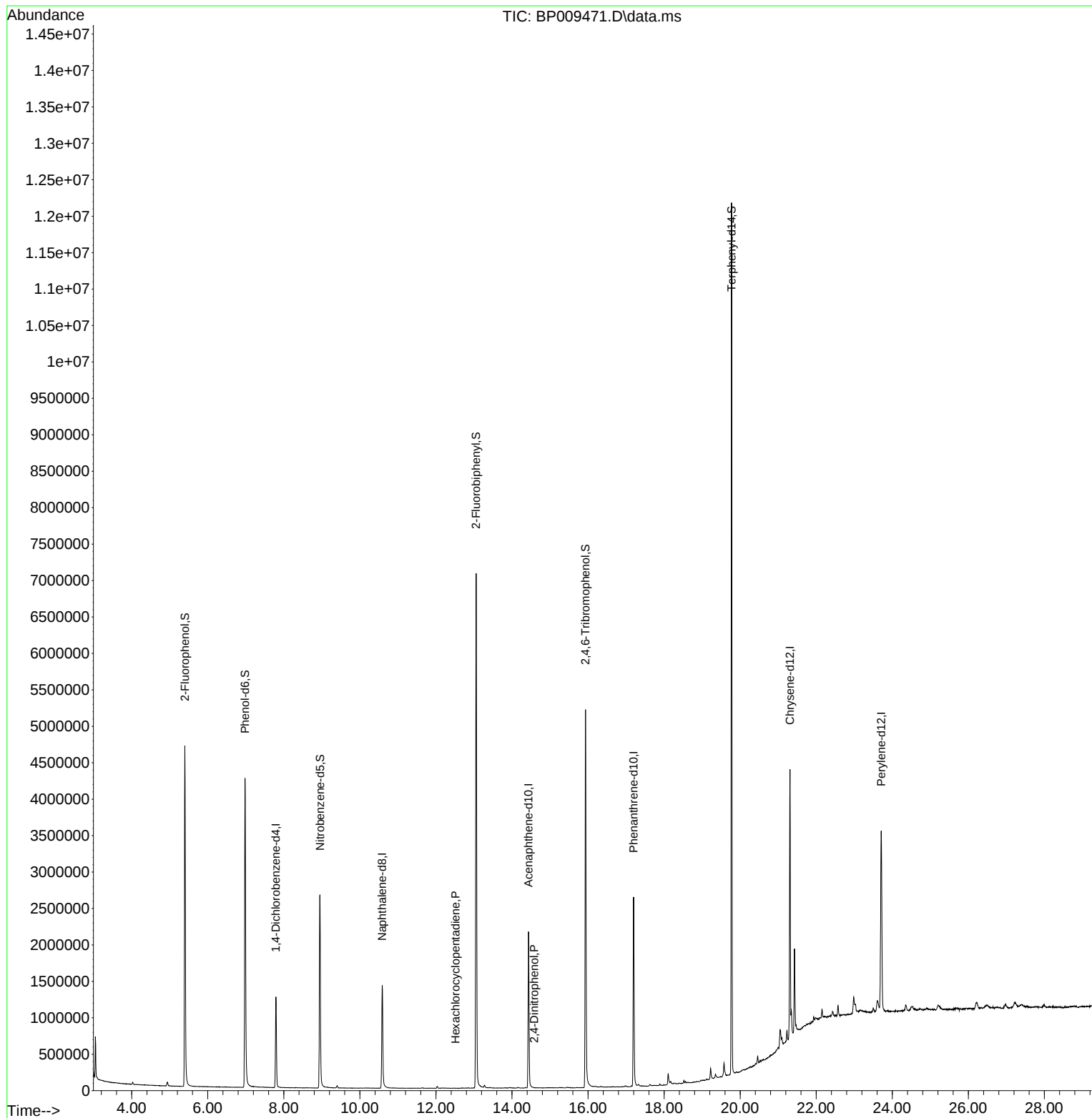
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	386901	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1475105	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	890779	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1810690	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1904619	20.000	ng	0.00
86) Perylene-d12	23.710	264	2089580	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2446952	110.421	ng	0.00
7) Phenol-d6	6.981	99	3018466	100.722	ng	-0.01
23) Nitrobenzene-d5	8.952	82	1893244	68.204	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	1200234	81.652	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4271744	66.480	ng	0.00
79) Terphenyl-d14	19.775	244	6175961	58.202	ng	0.00
Target Compounds						
9) Benzaldehyde	6.940	77	1044	Below Cal	#	51
41) Hexachlorocyclopentadiene	12.516	237	12	7.289	ng	85
54) 2,4-Dinitrophenol	14.587	184	29	4.536	ng	# 1

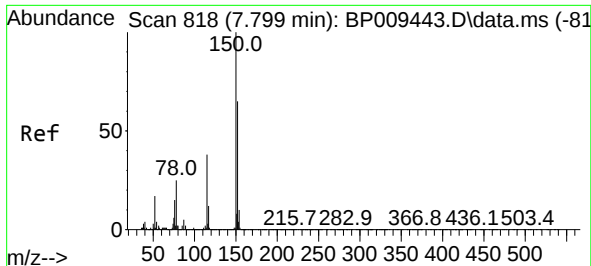
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
Data File : BP009471.D
Acq On : 21 Mar 2022 15:31
Operator : CG/JU
Sample : N2001-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
D-14A

Quant Time: Mar 21 16:40:25 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 17 18:26:53 2022
Response via : Initial Calibration

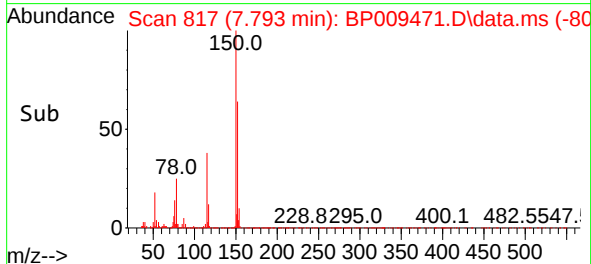
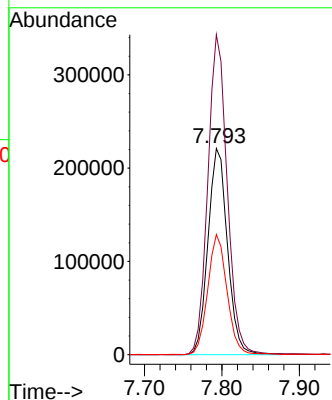
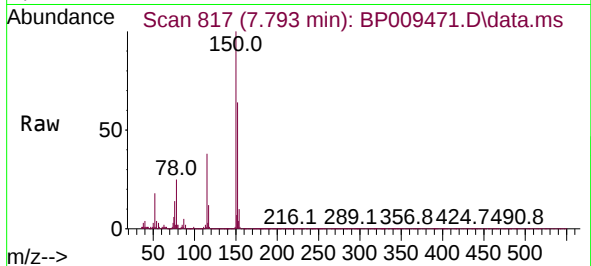




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

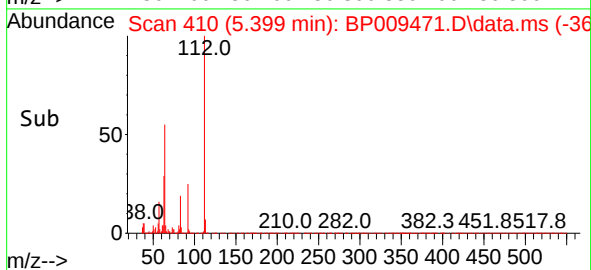
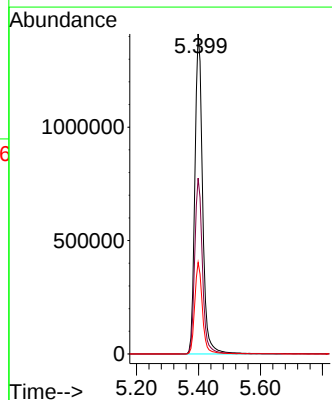
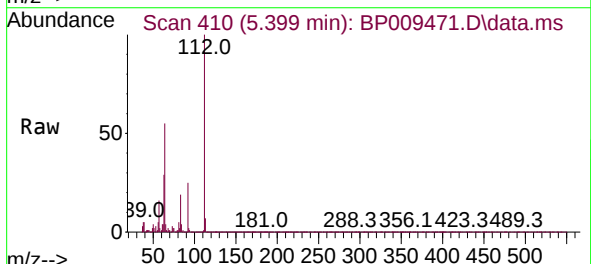
Instrument :
BNA_P
ClientSampleId :
D-14A

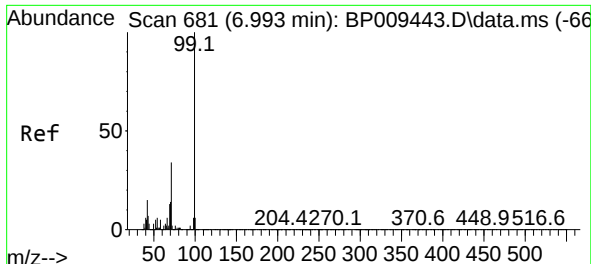
Tgt Ion:152 Resp: 386901
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 110.421 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

Tgt Ion:112 Resp: 2446952
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.6 23.0 34.6

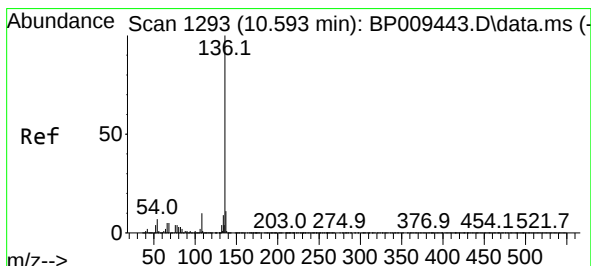
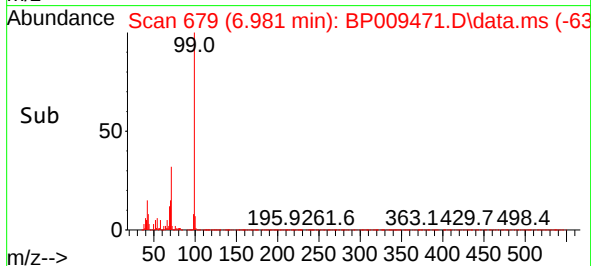
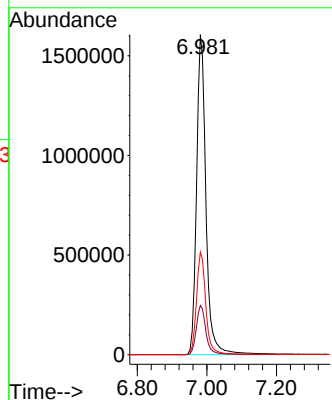
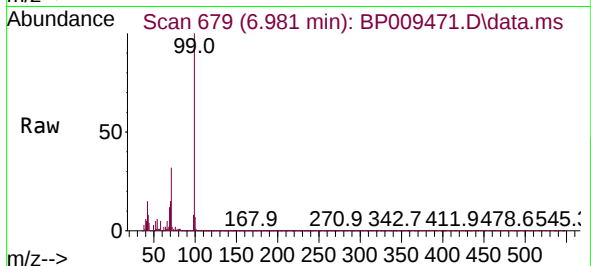




#7
Phenol-d6
Concen: 100.722 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

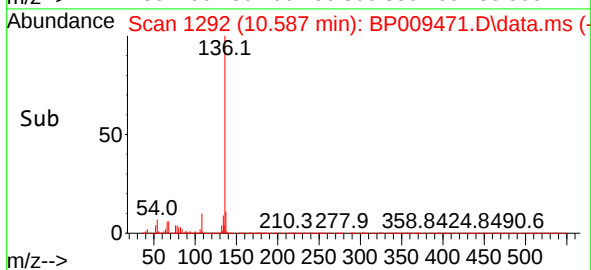
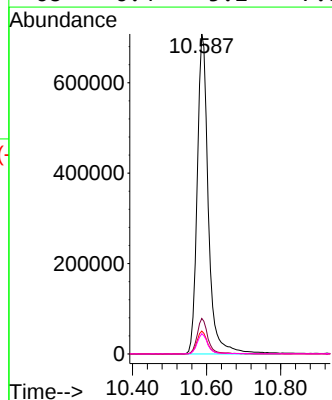
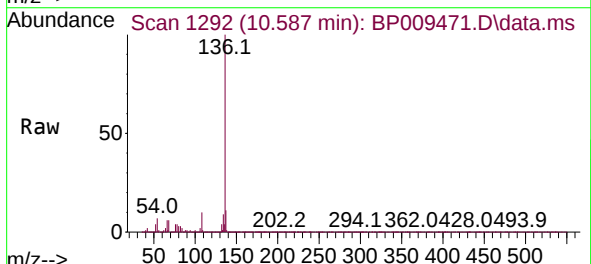
Instrument :
BNA_P
ClientSampleId :
D-14A

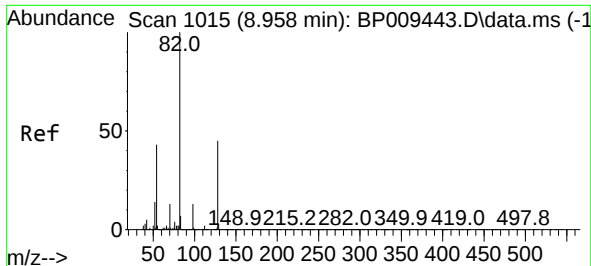
Tgt Ion: 99 Resp: 3018466
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 32.1 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

Tgt Ion: 136 Resp: 1475105
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 5.8 8.8
68 6.4 5.2 7.8

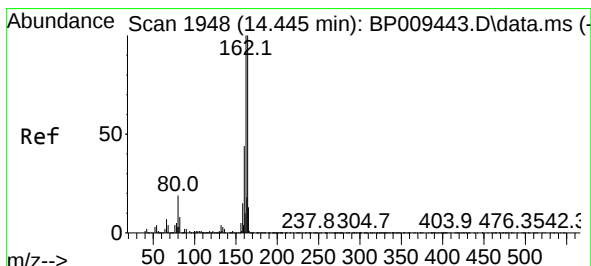
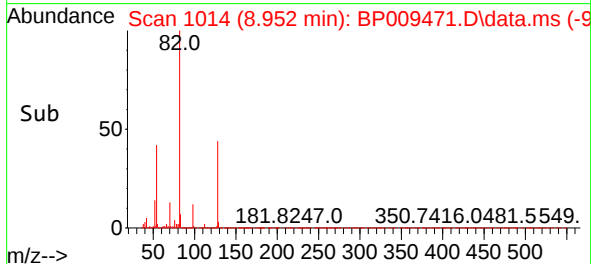
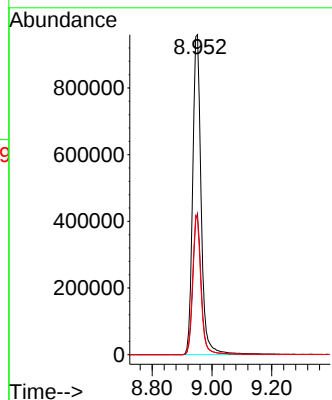
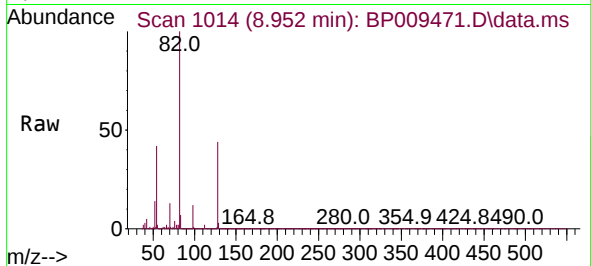




#23
Nitrobenzene-d5
Concen: 68.204 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

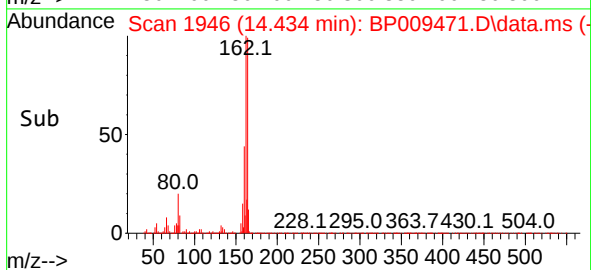
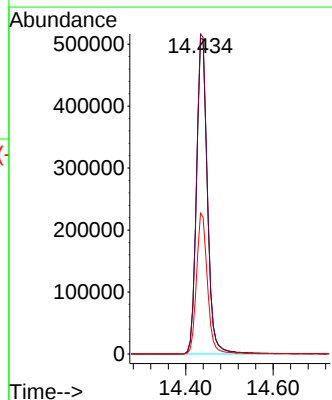
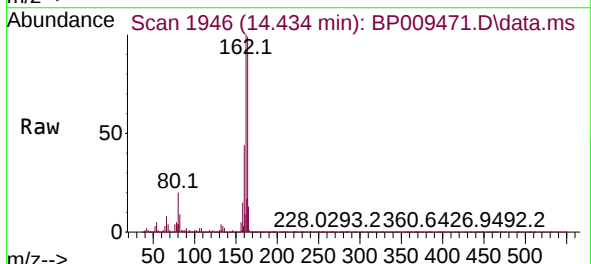
Instrument :
BNA_P
ClientSampleId :
D-14A

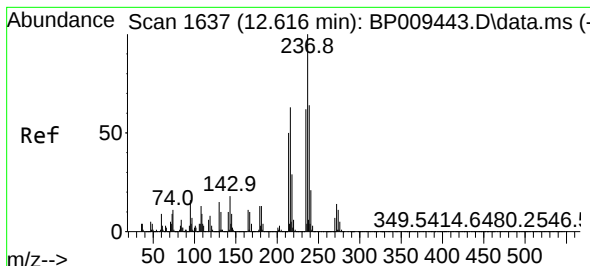
Tgt Ion: 82 Resp: 1893244
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 42.4 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

Tgt Ion:164 Resp: 890779
Ion Ratio Lower Upper
164 100
162 101.5 79.1 118.7
160 44.6 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.289 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.100 min

Lab File: BP009471.D

Acq: 21 Mar 2022 15:31

Instrument :

BNA_P

ClientSampleId :

D-14A

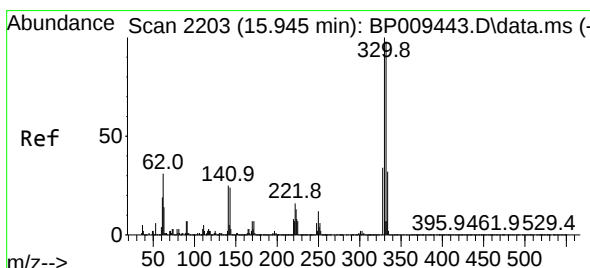
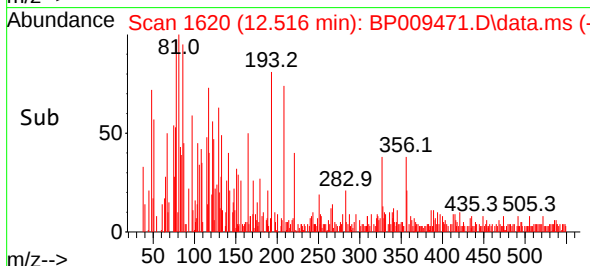
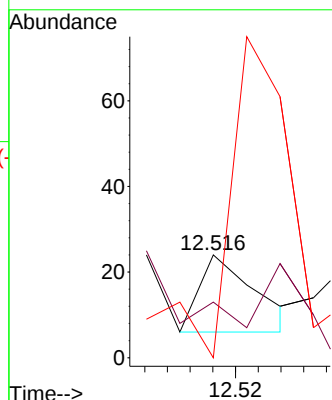
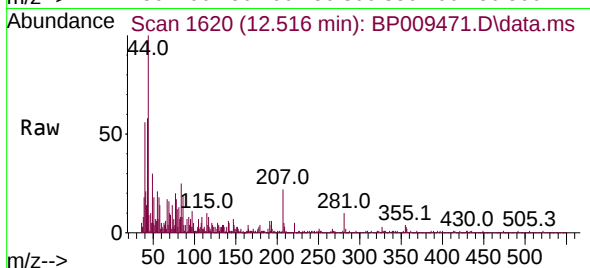
Tgt Ion:237 Resp: 12

Ion Ratio Lower Upper

237 100

235 54.2 42.6 82.6

272 0.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 81.652 ng

RT: 15.934 min Scan# 2201

Delta R.T. -0.012 min

Lab File: BP009471.D

Acq: 21 Mar 2022 15:31

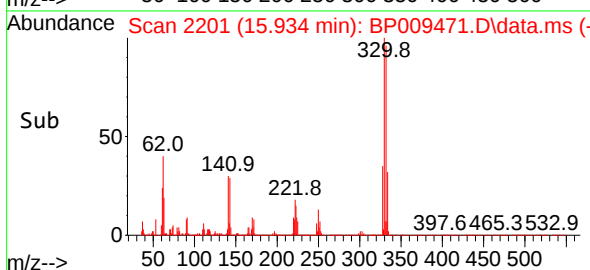
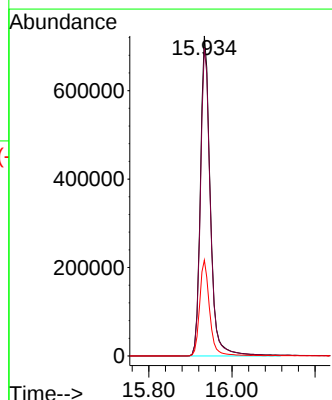
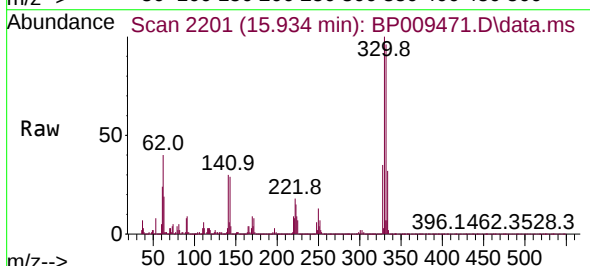
Tgt Ion:330 Resp: 1200234

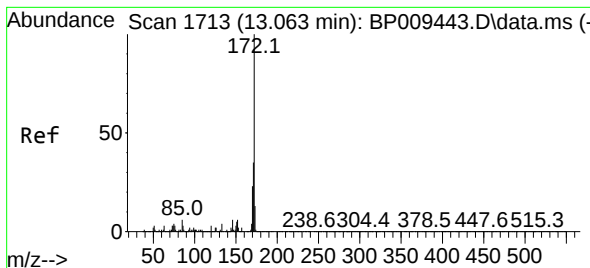
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 30.2 27.6 41.4

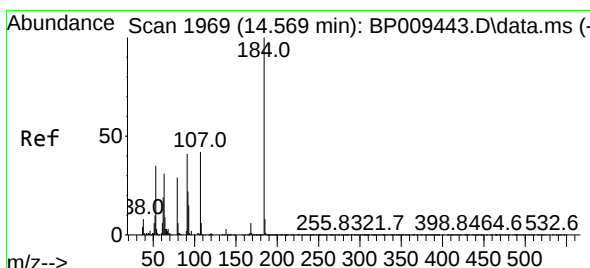
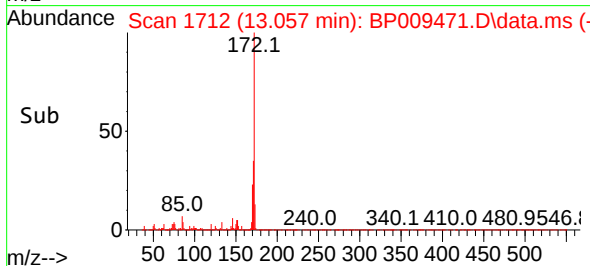
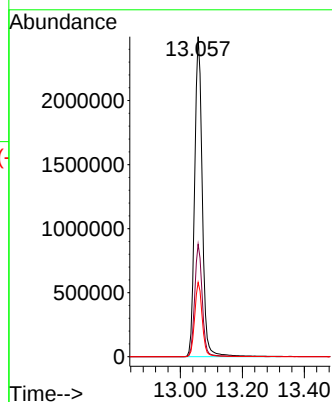
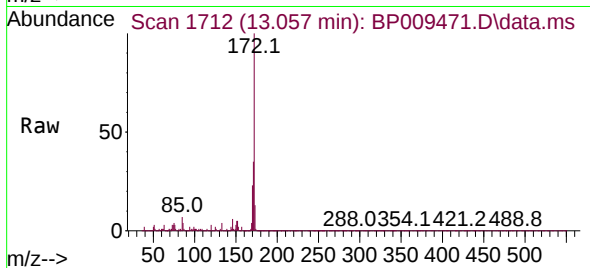




#45
2-Fluorobiphenyl
Concen: 66.480 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

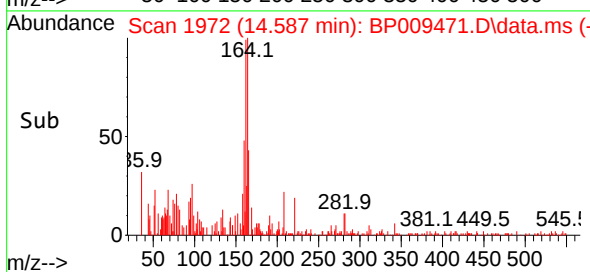
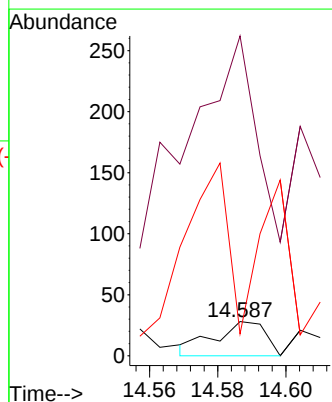
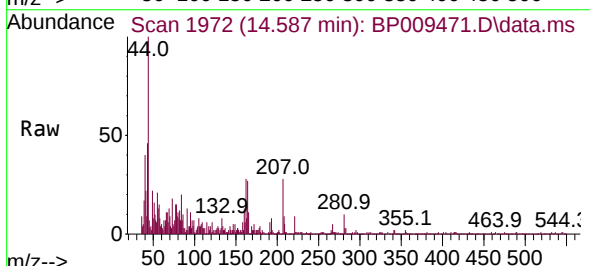
Instrument :
BNA_P
ClientSampleId :
D-14A

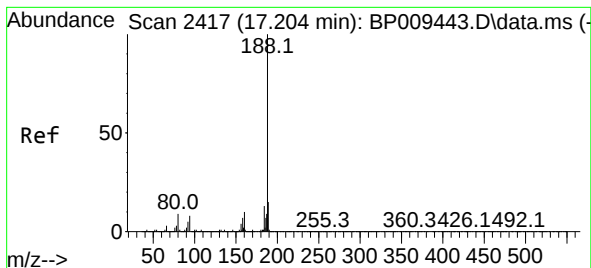
Tgt Ion:172 Resp: 4271744
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.536 ng
RT: 14.587 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP009471.D
Acq: 21 Mar 2022 15:31

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 935.7 46.3 69.5#
154 64.3 45.8 68.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP009471.D

Acq: 21 Mar 2022 15:31

Instrument :

BNA_P

ClientSampleId :

D-14A

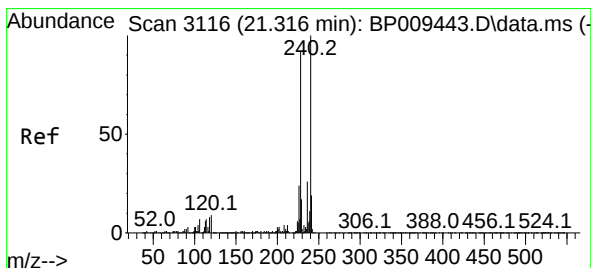
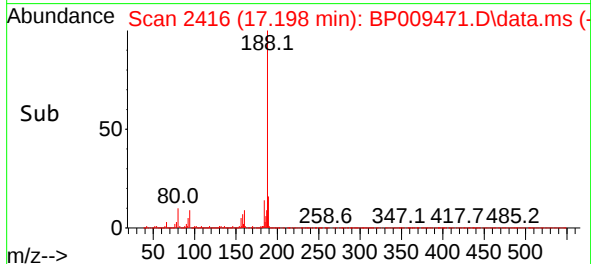
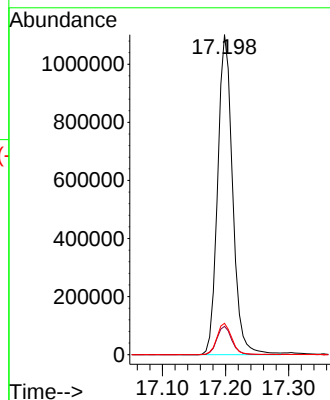
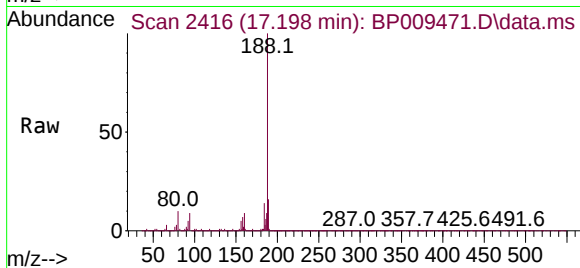
Tgt Ion:188 Resp: 1810690

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 9.8 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: BP009471.D

Acq: 21 Mar 2022 15:31

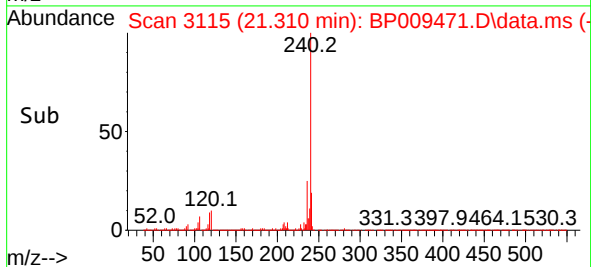
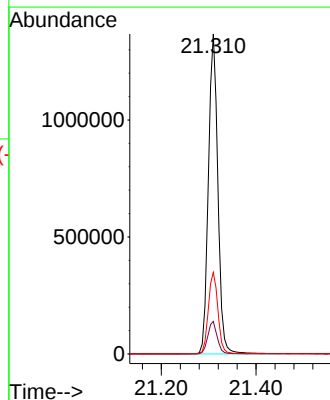
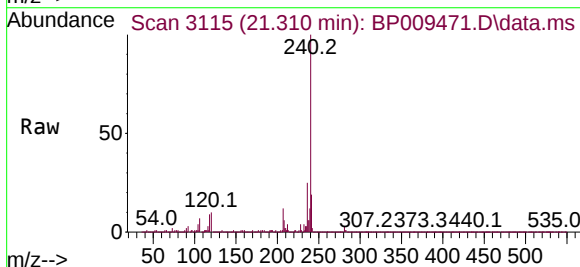
Tgt Ion:240 Resp: 1904619

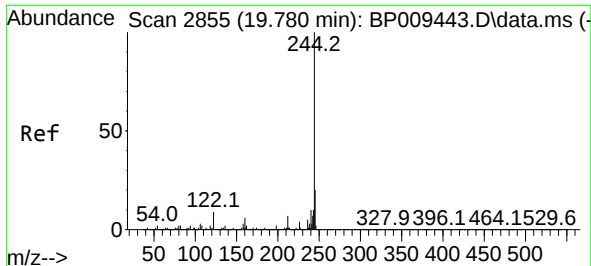
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.5 20.6 30.8

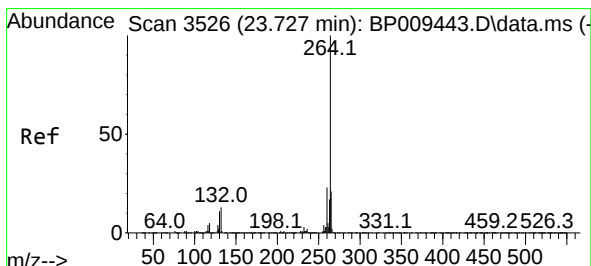
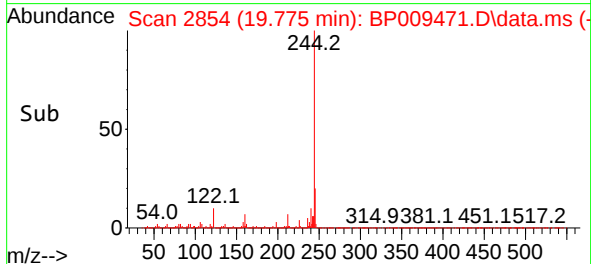
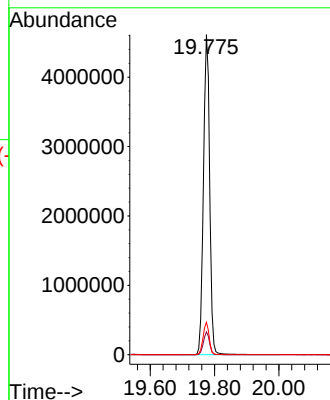
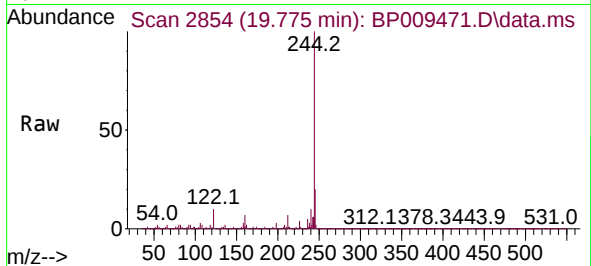




#79
 Terphenyl-d14
 Concen: 58.202 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009471.D
 Acq: 21 Mar 2022 15:31

Instrument :
 BNA_P
 ClientSampleId :
 D-14A

Tgt Ion:244 Resp: 6175961
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 3523
 Delta R.T. -0.018 min
 Lab File: BP009471.D
 Acq: 21 Mar 2022 15:31

Tgt Ion:264 Resp: 2089580
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 22.2 17.2 25.8

