

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009452.D
 Acq On : 18 Mar 2022 11:53
 Operator : CG/JU
 Sample : PB143161BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143161BL

Quant Time: Mar 18 14:16:13 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)

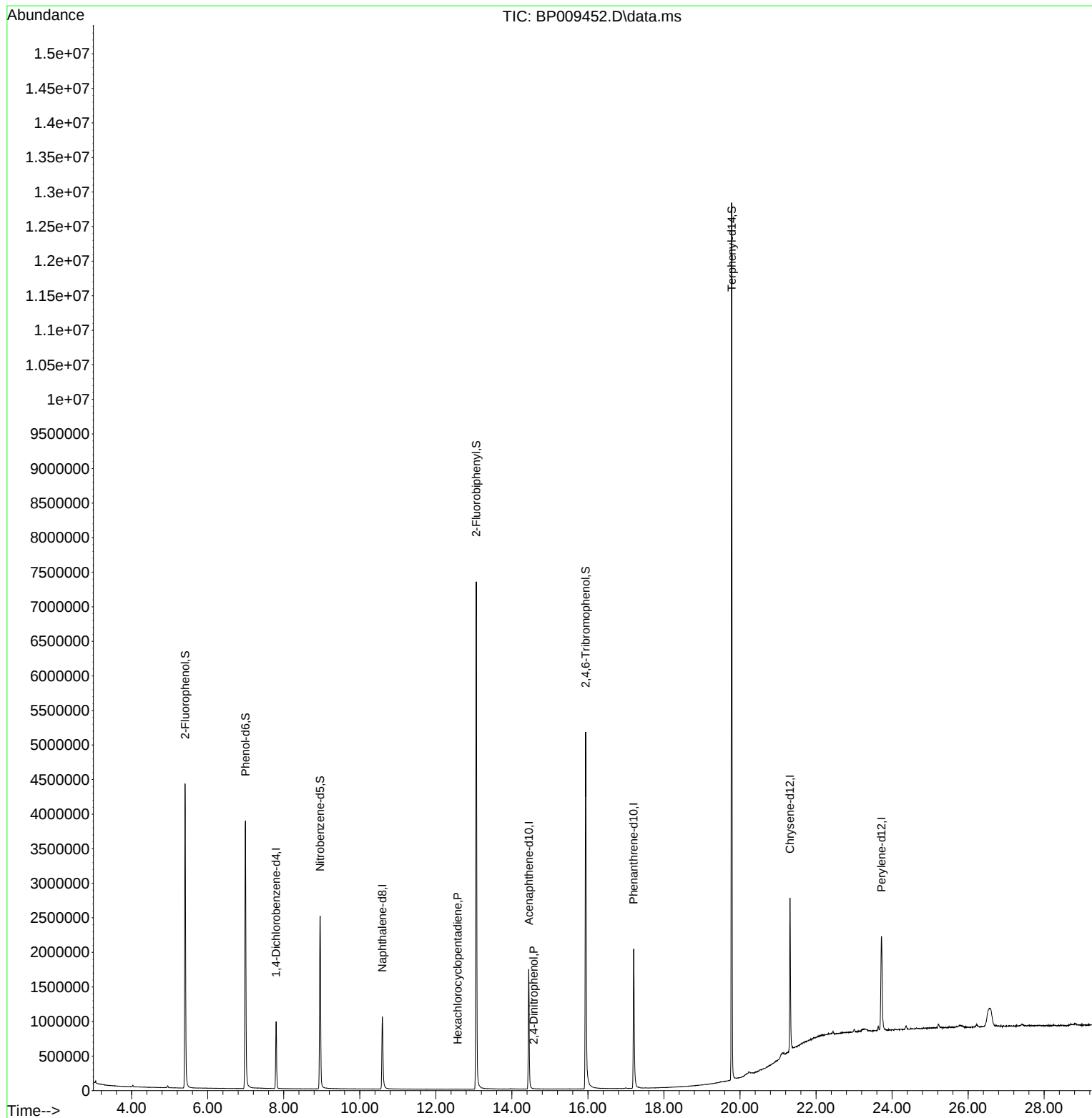
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	299876	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1161990	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	747760	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1559287	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1363912	20.000	ng	0.00
86) Perylene-d12	23.721	264	1328330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2258340	131.485	ng	0.00
7) Phenol-d6	6.993	99	2745950	118.219	ng	0.00
23) Nitrobenzene-d5	8.958	82	1762520	80.604	ng	0.00
42) 2,4,6-Tribromophenol	15.940	330	1413698	114.568	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4373469	81.081	ng	0.00
79) Terphenyl-d14	19.780	244	6785050	89.290	ng	0.00
Target Compounds						
9) Benzaldehyde	6.922	77	226	Below Cal	#	25
41) Hexachlorocyclopentadiene	12.575	237	57	7.293	ng	80
54) 2,4-Dinitrophenol	14.575	184	17	4.535	ng	# 49

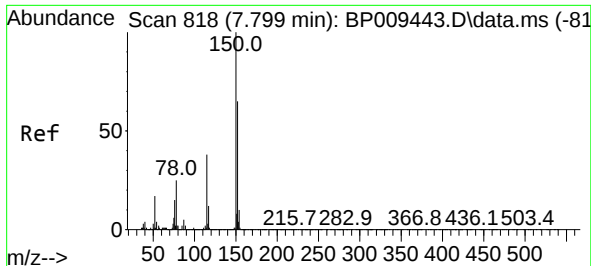
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009452.D
Acq On : 18 Mar 2022 11:53
Operator : CG/JU
Sample : PB143161BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB143161BL

Quant Time: Mar 18 14:16:13 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

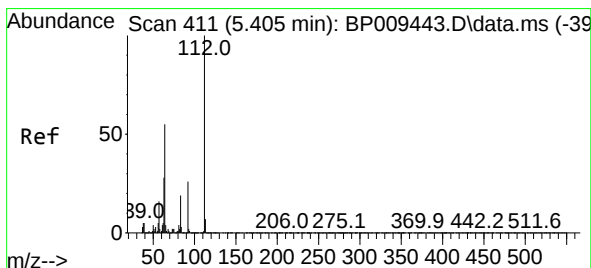
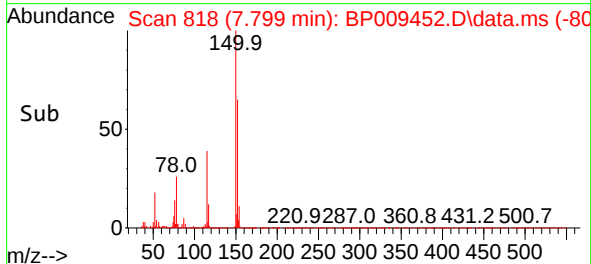
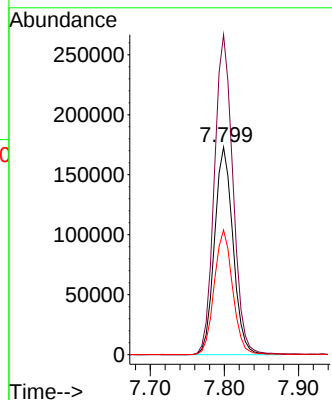
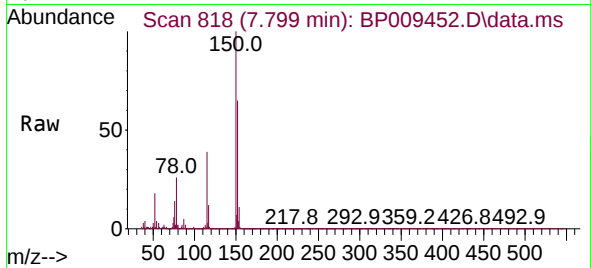




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

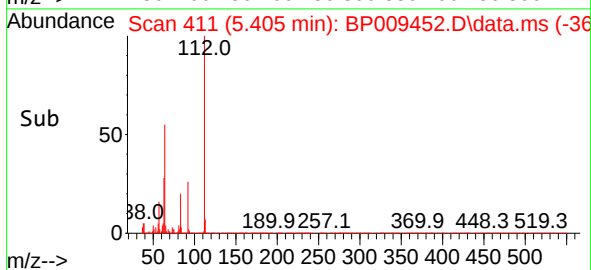
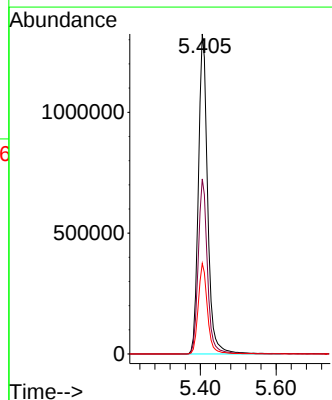
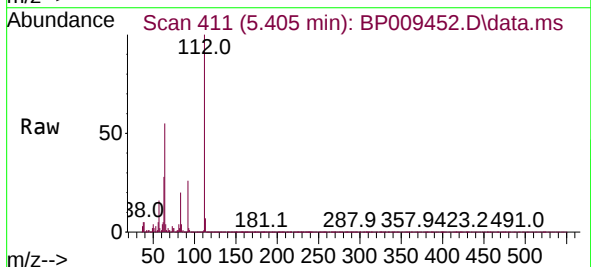
Instrument :
BNA_P
ClientSampleId :
PB143161BL

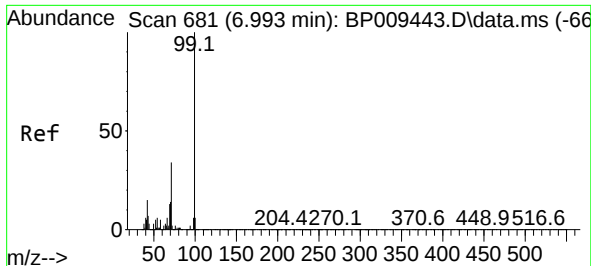
Tgt Ion:152 Resp: 299876
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 60.0 48.2 72.4



#5
2-Fluorophenol
Concen: 131.485 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

Tgt Ion:112 Resp: 2258340
Ion Ratio Lower Upper
112 100
64 54.7 45.0 67.4
63 28.3 23.0 34.6

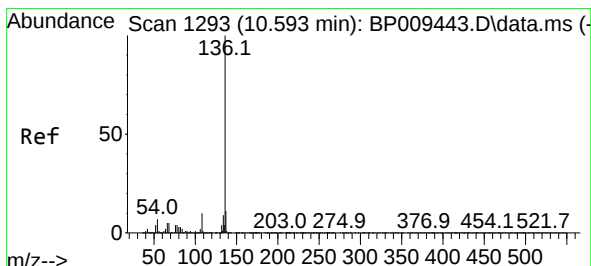
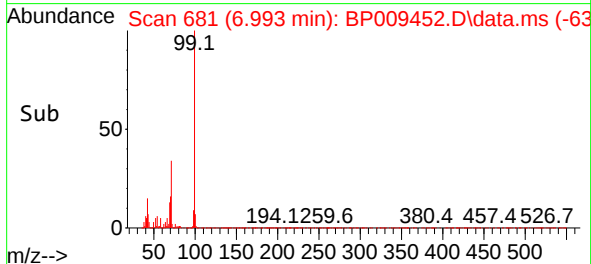
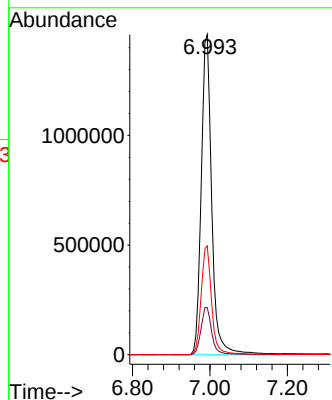
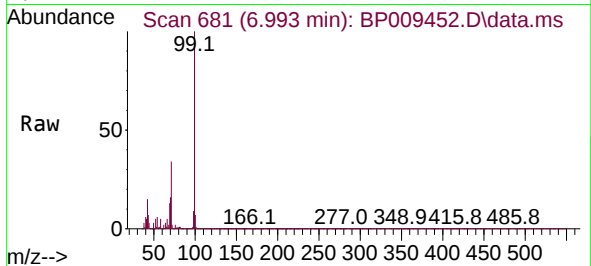




#7
Phenol-d6
Concen: 118.219 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

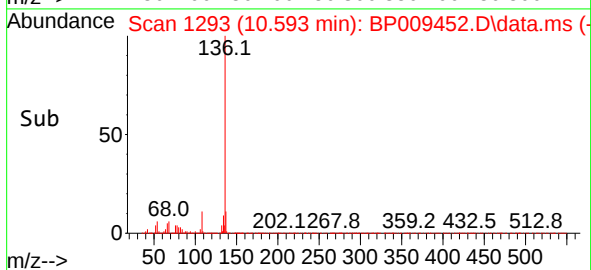
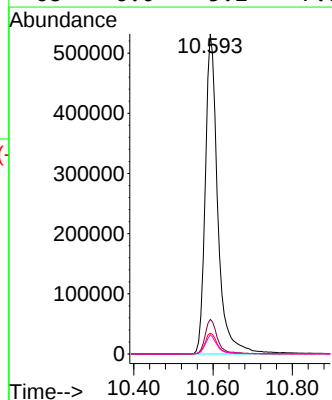
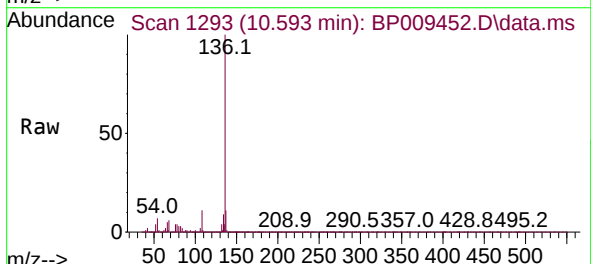
Instrument :
BNA_P
ClientSampleId :
PB143161BL

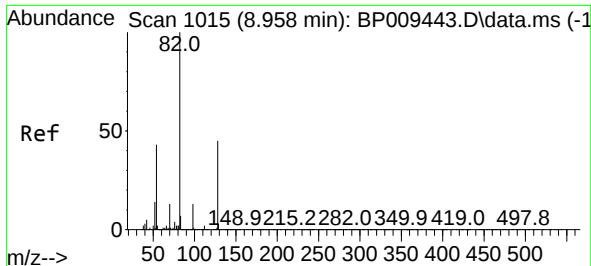
Tgt Ion: 99 Resp: 2745950
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 34.0 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

Tgt Ion: 136 Resp: 1161990
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.5 5.8 8.8
68 6.0 5.2 7.8

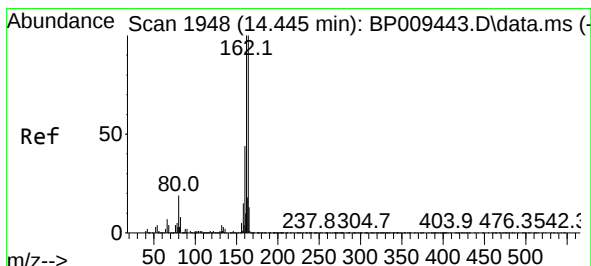
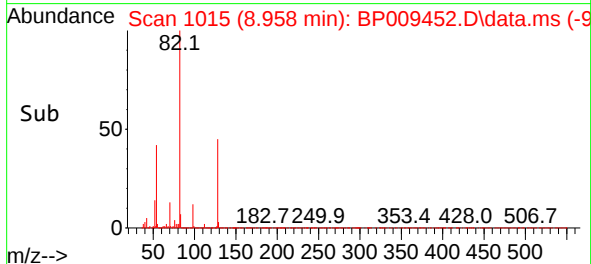
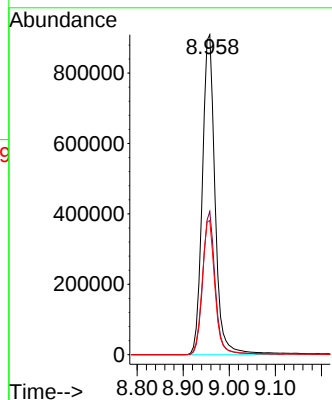
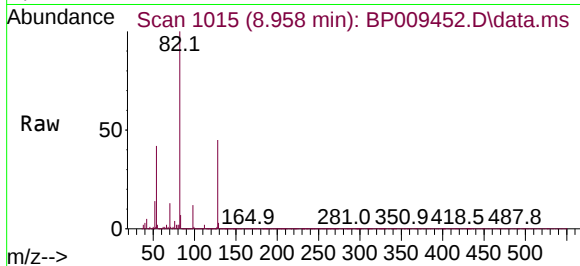




#23
Nitrobenzene-d5
Concen: 80.604 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

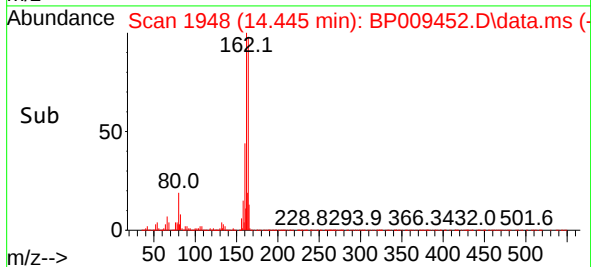
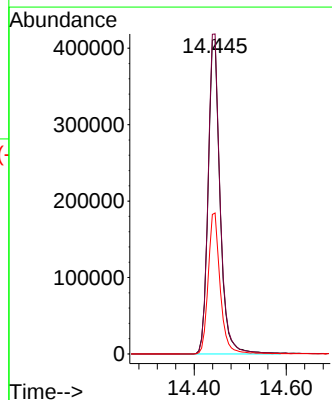
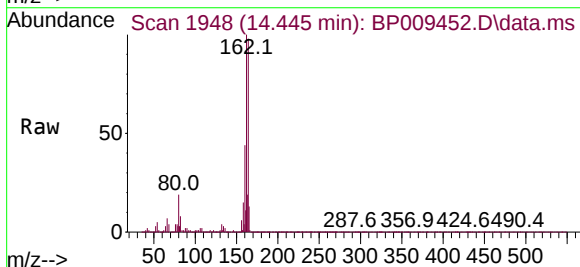
Instrument :
BNA_P
ClientSampleId :
PB143161BL

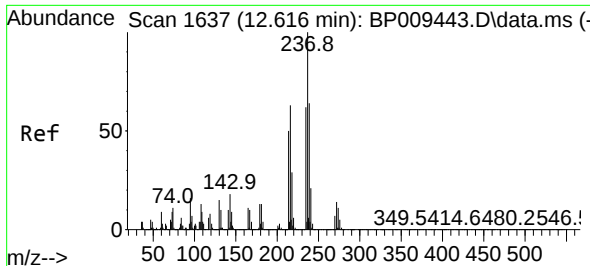
Tgt Ion: 82 Resp: 1762520
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 41.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

Tgt Ion:164 Resp: 747760
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.8 34.9 52.3

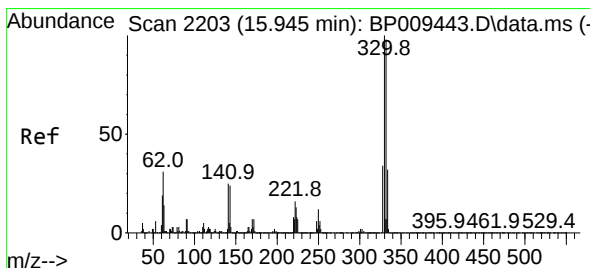
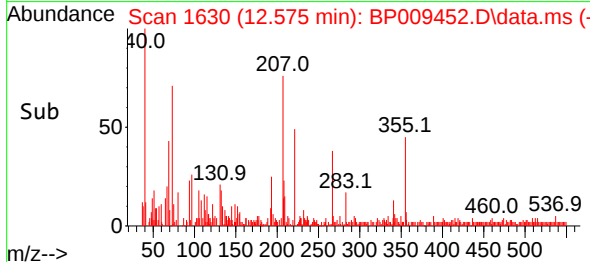
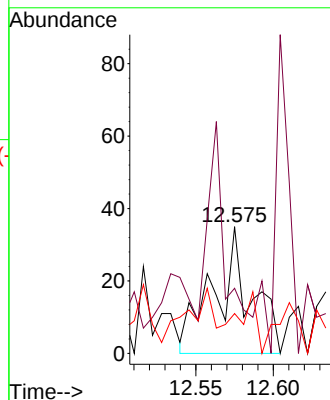
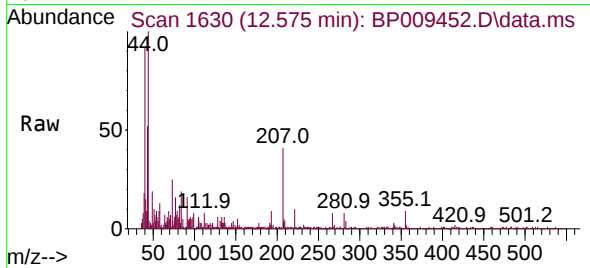




#41
Hexachlorocyclopentadiene
Concen: 7.293 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

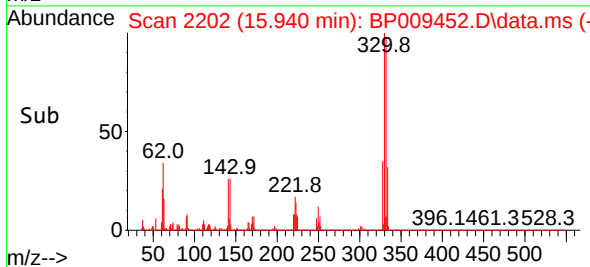
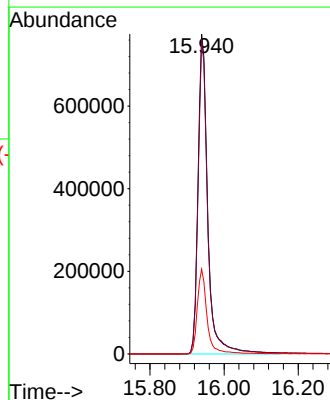
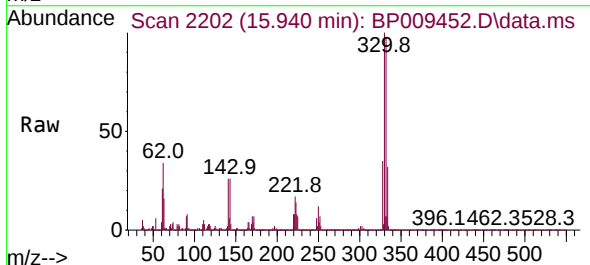
Instrument :
BNA_P
ClientSampleId :
PB143161BL

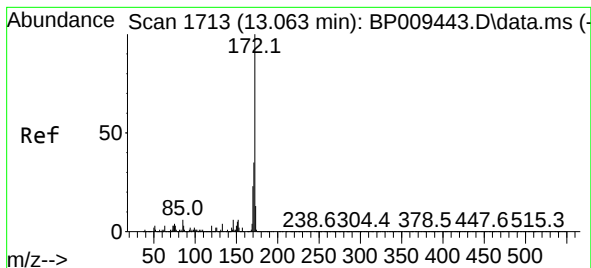
Tgt Ion:	237	Resp:	57
Ion	Ratio	Lower	Upper
237	100		
235	51.4	42.6	82.6
272	31.4	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 114.568 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

Tgt Ion:	330	Resp:	1413698
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	26.6	27.6	41.4#





#45

2-Fluorobiphenyl

Concen: 81.081 ng

RT: 13.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009452.D

Acq: 18 Mar 2022 11:53

Instrument :

BNA_P

ClientSampleId :

PB143161BL

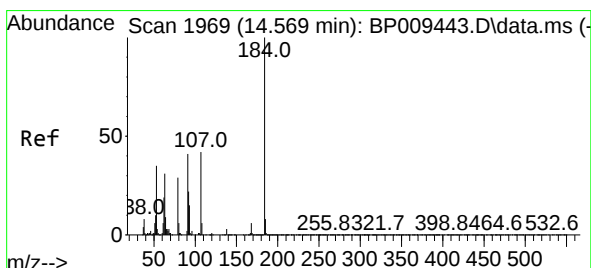
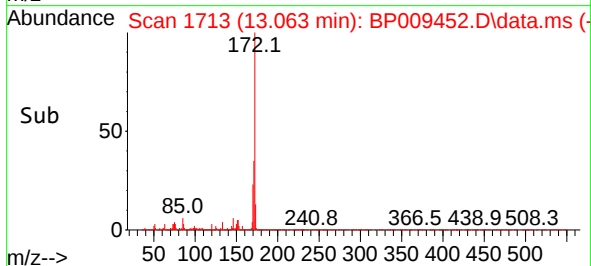
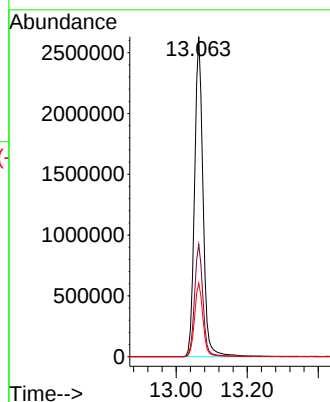
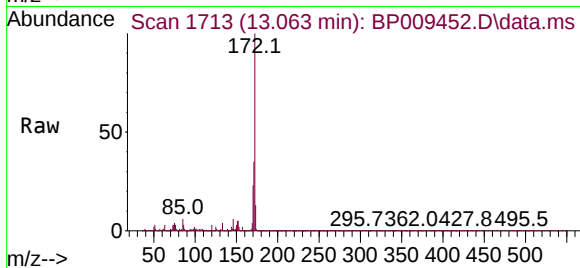
Tgt Ion:172 Resp: 4373469

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.0 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.535 ng

RT: 14.575 min Scan# 1970

Delta R.T. 0.006 min

Lab File: BP009452.D

Acq: 18 Mar 2022 11:53

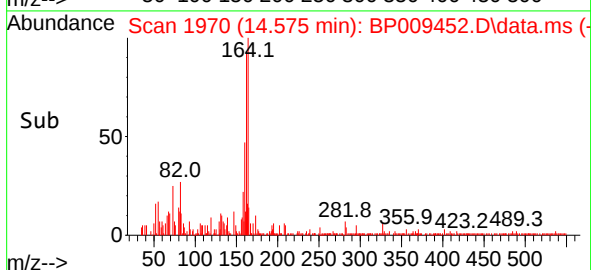
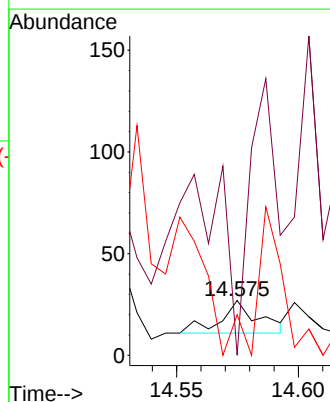
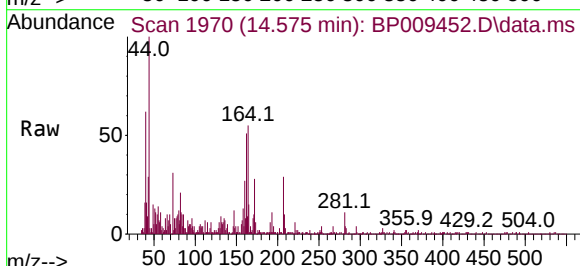
Tgt Ion:184 Resp: 17

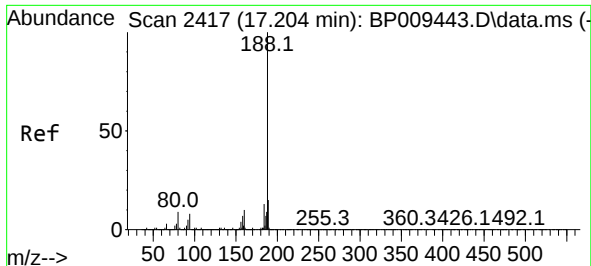
Ion Ratio Lower Upper

184 100

63 0.0 46.3 69.5#

154 74.1 45.8 68.6#

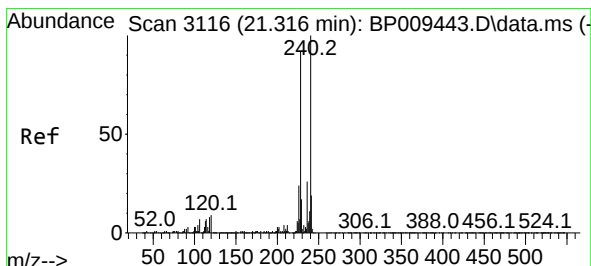
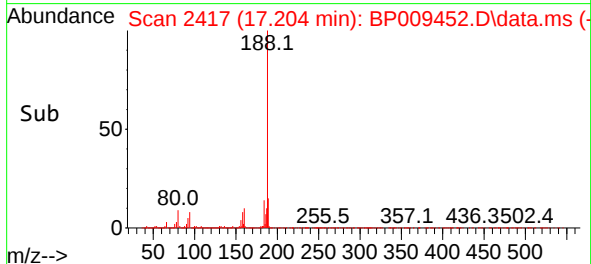
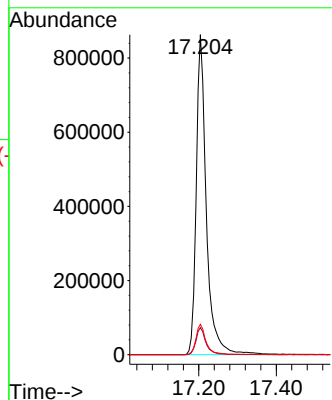
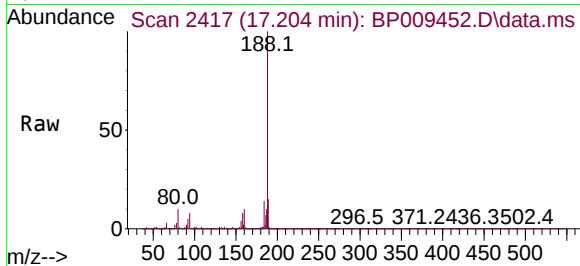




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

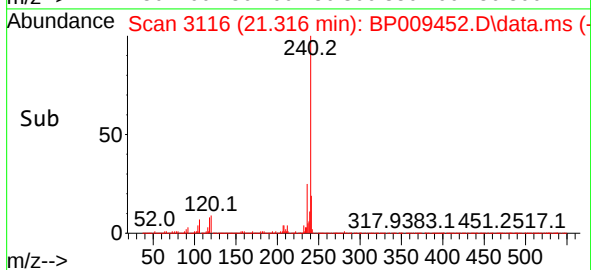
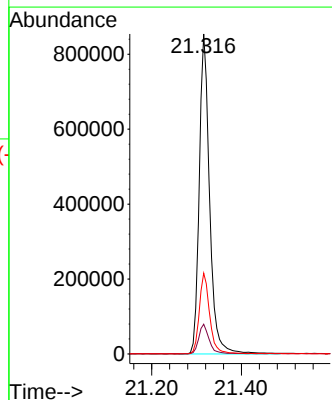
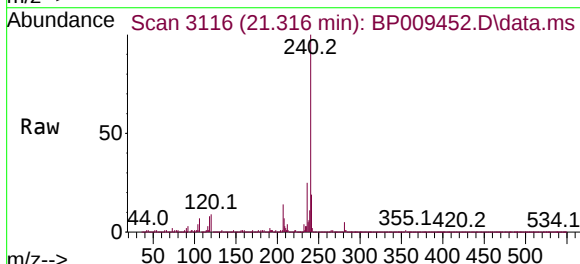
Instrument :
BNA_P
ClientSampleId :
PB143161BL

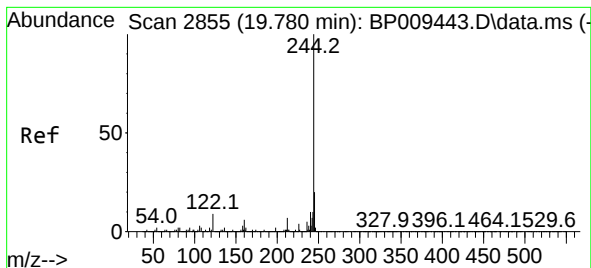
Tgt Ion:188 Resp: 1559287
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009452.D
Acq: 18 Mar 2022 11:53

Tgt Ion:240 Resp: 1363912
Ion Ratio Lower Upper
240 100
120 9.3 9.0 13.4
236 25.2 20.6 30.8





#79

Terphenyl-d14

Concen: 89.290 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009452.D

Acq: 18 Mar 2022 11:53

Instrument :

BNA_P

ClientSampleId :

PB143161BL

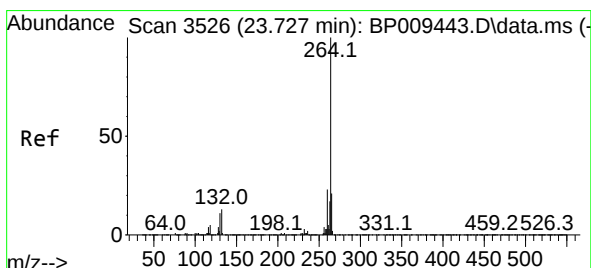
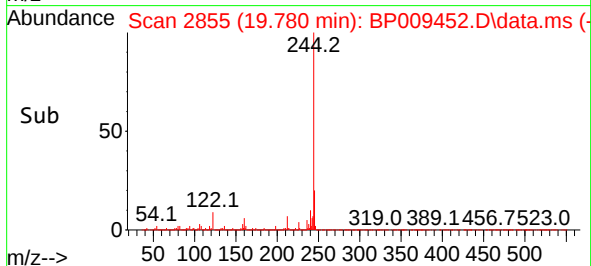
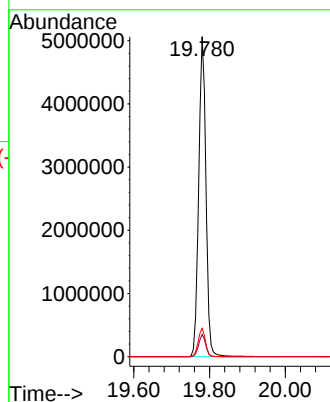
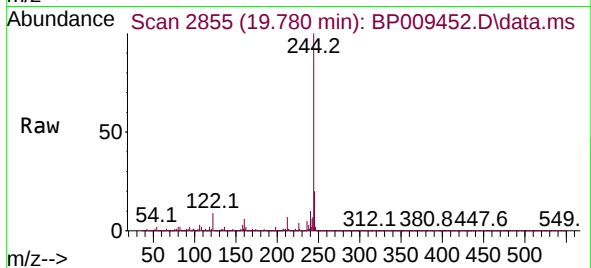
Tgt Ion:244 Resp: 6785050

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BP009452.D

Acq: 18 Mar 2022 11:53

Tgt Ion:264 Resp: 1328330

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.1 17.2 25.8

