

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016422.D
 Acq On : 28 Jul 2023 14:30
 Operator : MA/JU
 Sample : 03630-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-303-20230713

Quant Time: Jul 29 00:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 01:48:25 2023
 Response via : Initial Calibration

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

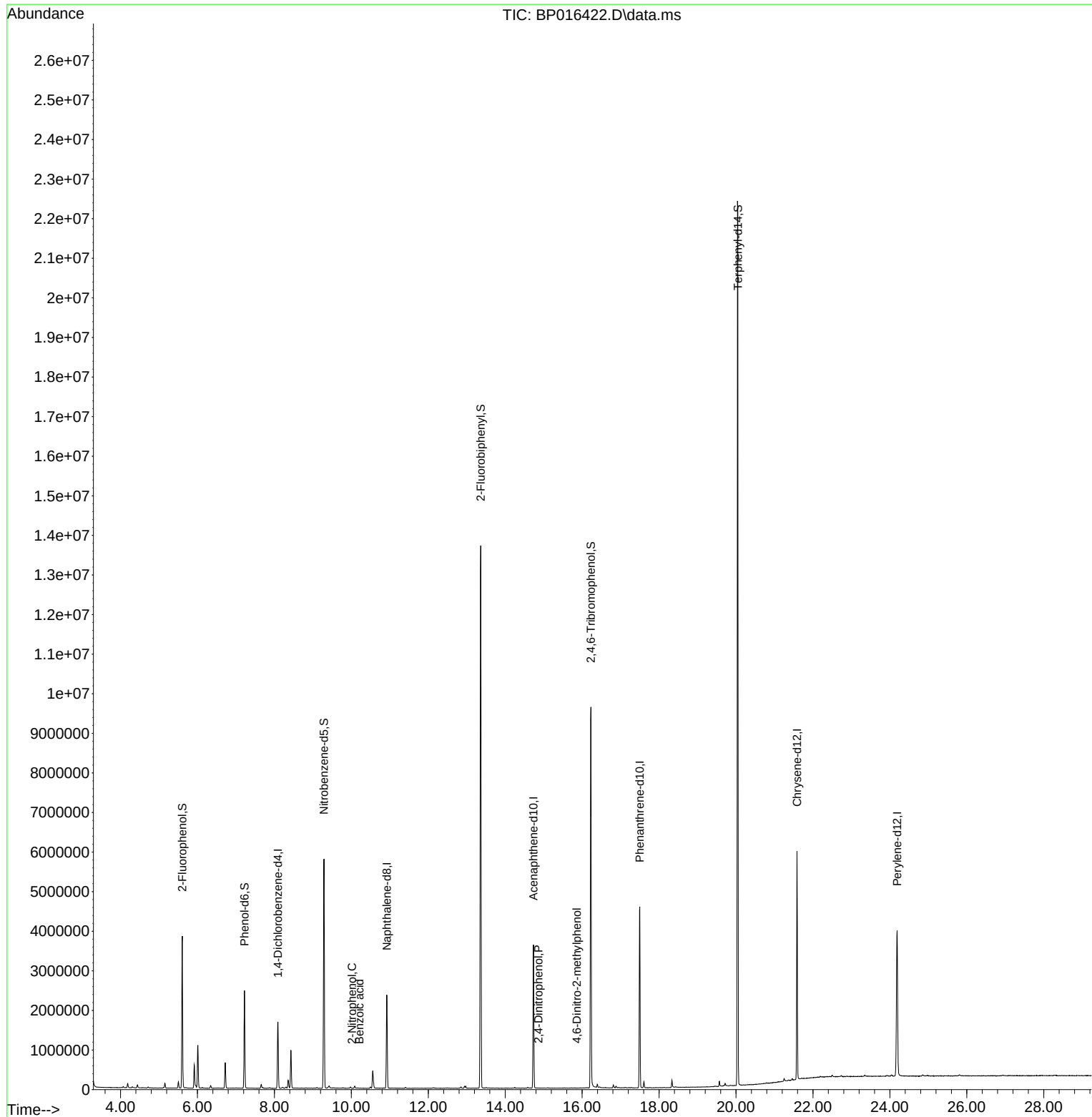
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	459023	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1929910	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	1168204	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	2674546	20.000	ng	0.00
76) Chrysene-d12	21.586	240	2577387	20.000	ng	0.00
86) Perylene-d12	24.186	264	2879175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	1746175	62.061	ng	0.00
7) Phenol-d6	7.222	99	1417214	36.748	ng	0.00
23) Nitrobenzene-d5	9.287	82	3376307	97.932	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1889843	109.964	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	7286044	89.418	ng	0.00
79) Terphenyl-d14	20.045	244	11494647	94.210	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	2807	Below Cal	#	19
26) 2-Nitrophenol	10.016	139	25	3.127 ng	#	1
32) Benzoic acid	10.210	122	165	6.293 ng	#	29
54) 2,4-Dinitrophenol	14.863	184	50	8.007 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.863	198	35	6.304 ng	#	1

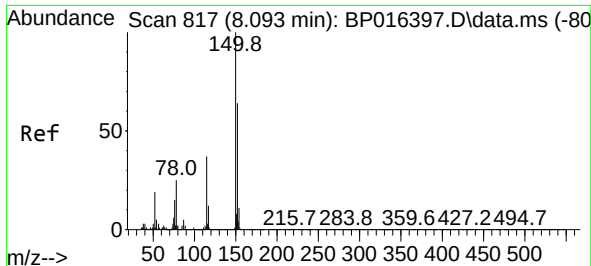
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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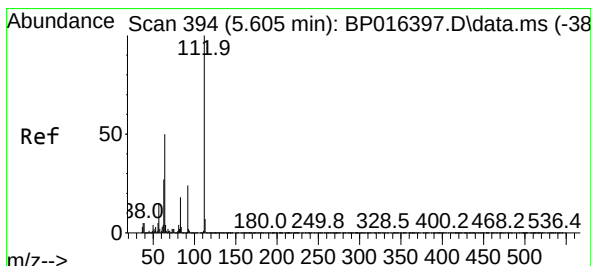
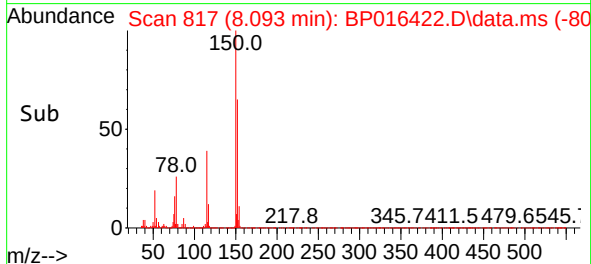
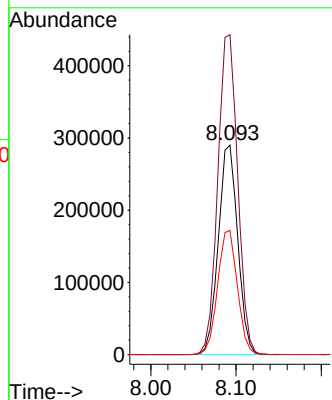
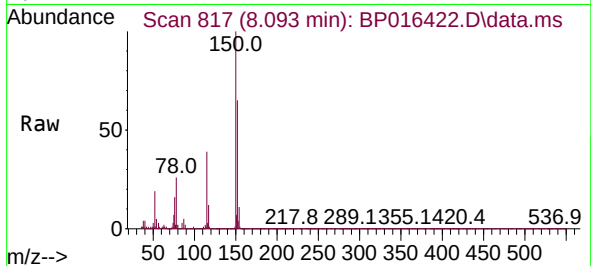




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

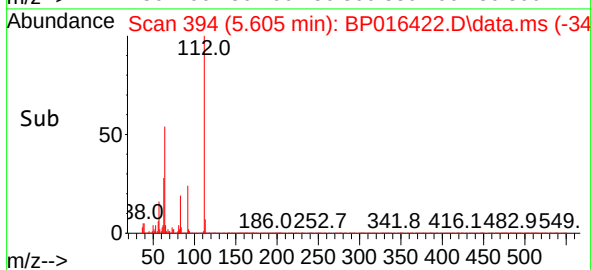
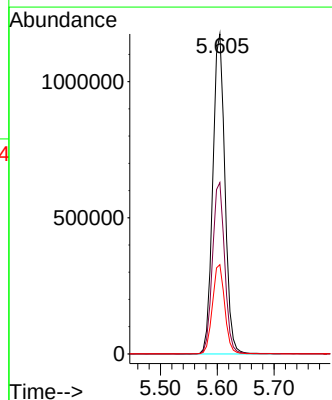
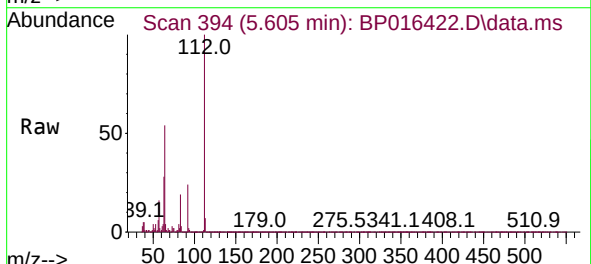
Instrument :
BNA_P
ClientSampleId :
SP-303-20230713

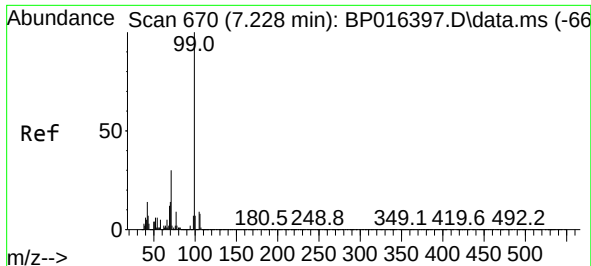
Tgt Ion:152 Resp: 459023
Ion Ratio Lower Upper
152 100
150 152.7 124.9 187.3
115 59.3 46.8 70.2



#5
2-Fluorophenol
Concen: 62.061 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

Tgt Ion:112 Resp: 1746175
Ion Ratio Lower Upper
112 100
64 53.5 40.0 60.0
63 27.9 21.2 31.8

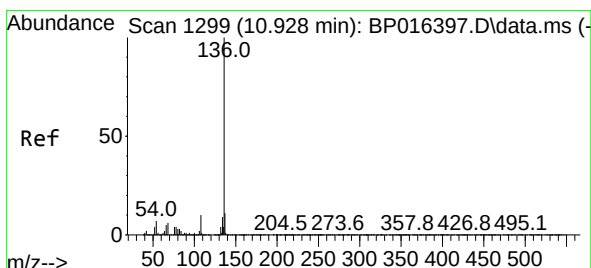
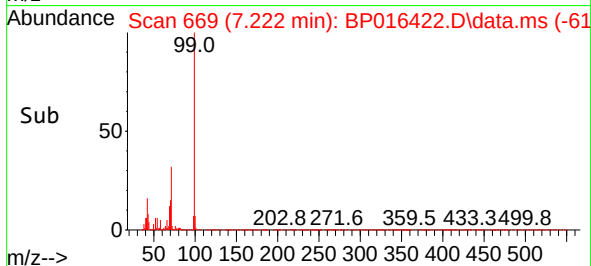
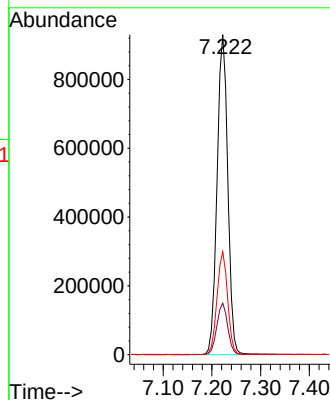
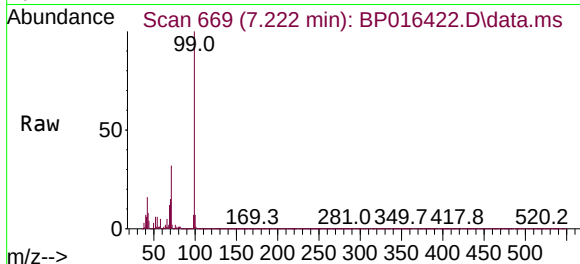




#7
Phenol-d6
Concen: 36.748 ng
RT: 7.222 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

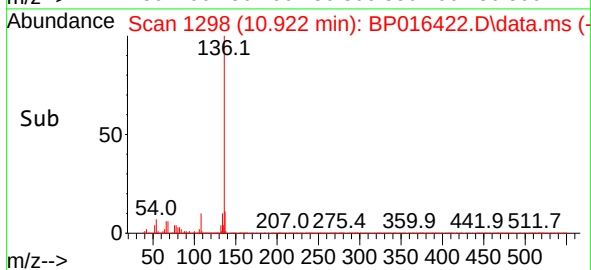
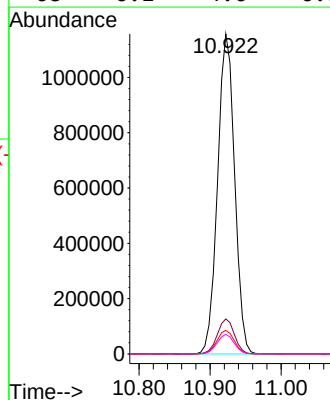
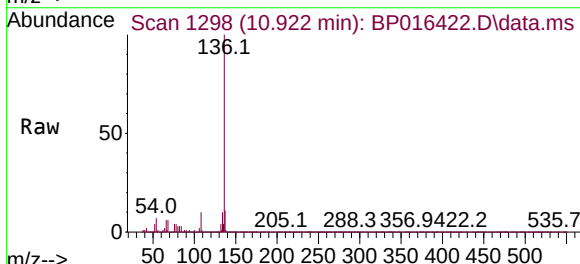
Instrument :
BNA_P
ClientSampleId :
SP-303-20230713

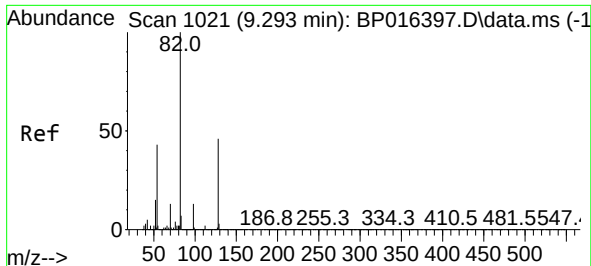
Tgt Ion: 99 Resp: 1417214
Ion Ratio Lower Upper
99 100
42 16.1 11.6 17.4
71 32.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

Tgt Ion:136 Resp: 1929910
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.6 8.4
68 6.1 4.6 6.8

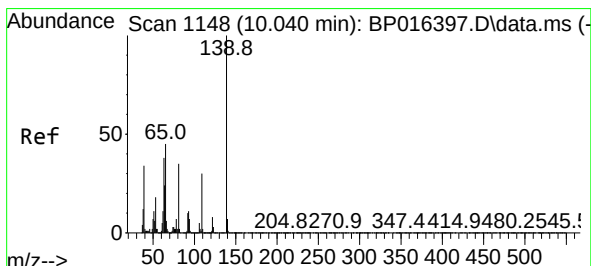
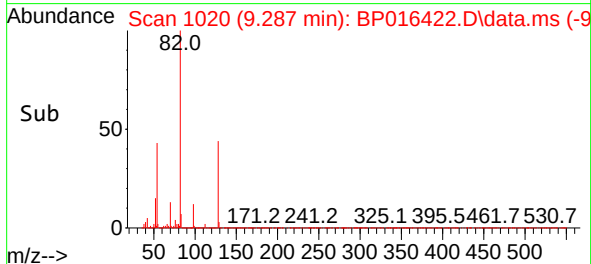
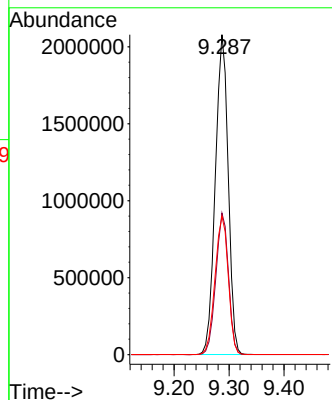
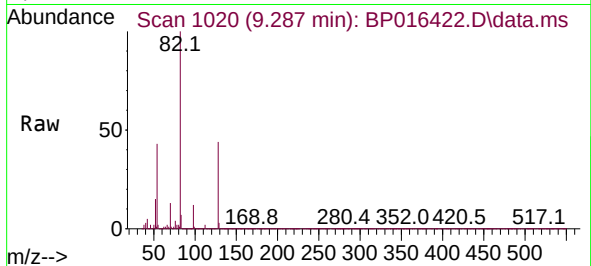




#23
Nitrobenzene-d5
Concen: 97.932 ng
RT: 9.287 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

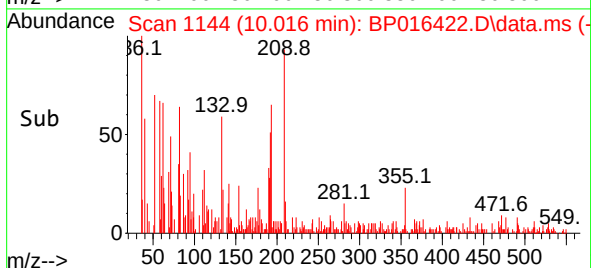
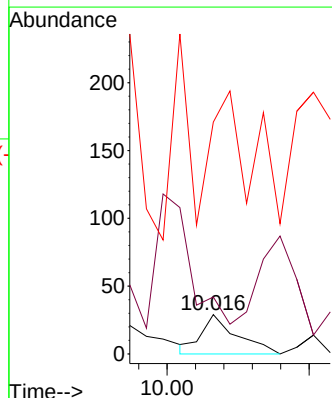
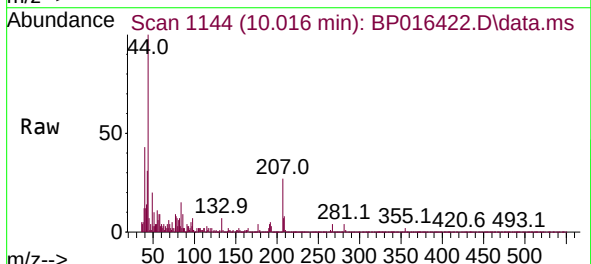
Instrument :
BNA_P
ClientSampleId :
SP-303-20230713

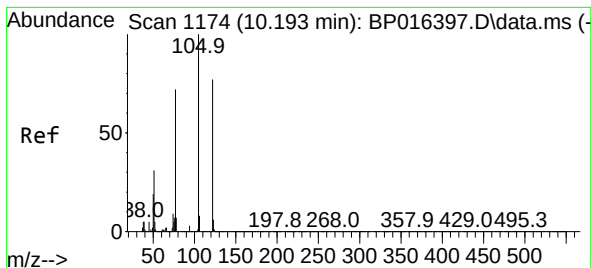
Tgt Ion: 82 Resp: 3376307
Ion Ratio Lower Upper
82 100
128 44.2 36.6 55.0
54 43.2 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.016 min Scan# 1144
Delta R.T. -0.024 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

Tgt Ion: 139 Resp: 25
Ion Ratio Lower Upper
139 100
109 144.8 24.2 36.4#
65 589.7 35.8 53.6#





#32

Benzoic acid

Concen: 6.293 ng

RT: 10.210 min Scan# 1174

Delta R.T. 0.017 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

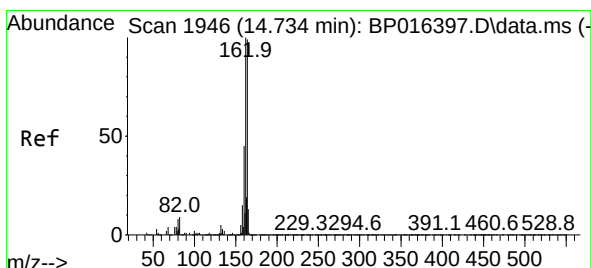
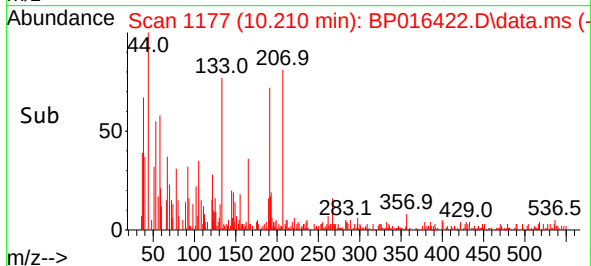
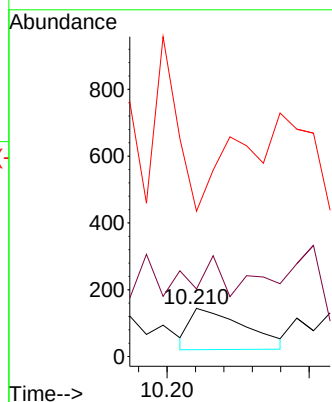
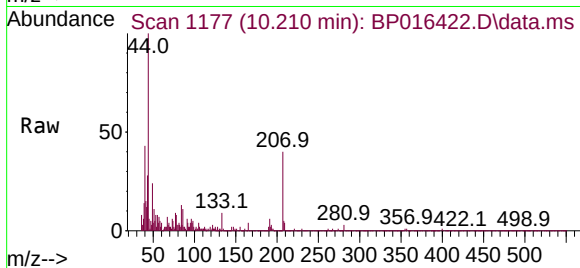
Instrument :

BNA_P

ClientSampleId :

SP-303-20230713

Tgt Ion:	122	Resp:	165
Ion	Ratio	Lower	Upper
122	100		
105	108.6	105.2	145.2
77	233.9	72.2	112.2



#39

Acenaphthene-d10

Concen: 20.000 ng

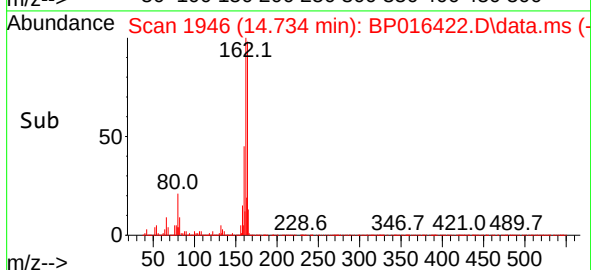
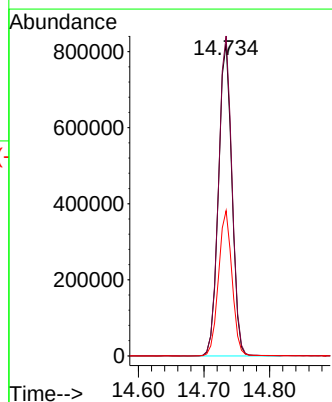
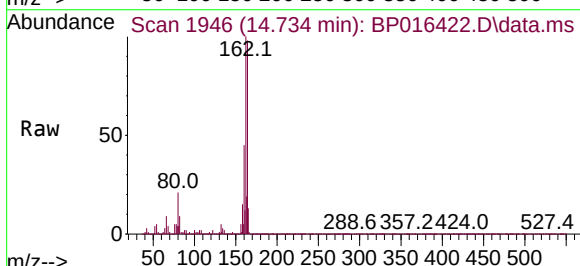
RT: 14.734 min Scan# 1946

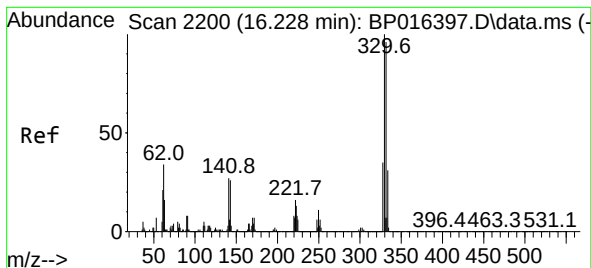
Delta R.T. -0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

Tgt Ion:	164	Resp:	1168204
Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.0	121.6
160	46.5	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 109.964 ng

RT: 16.228 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

Instrument :

BNA_P

ClientSampleId :

SP-303-20230713

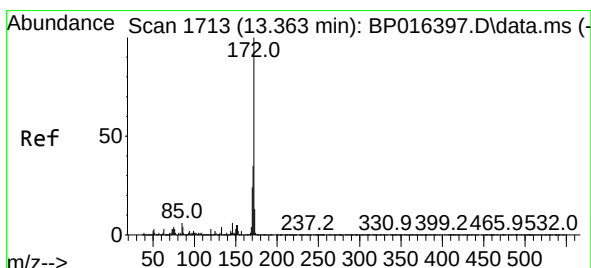
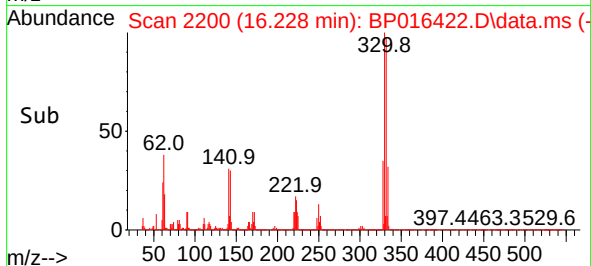
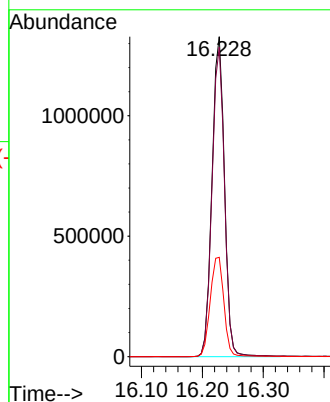
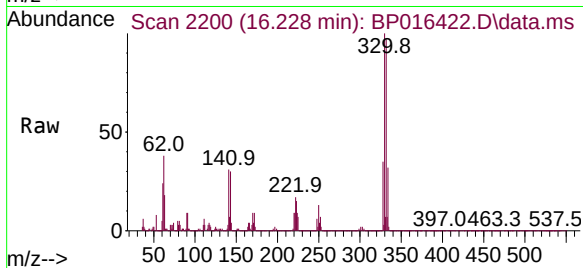
Tgt Ion:330 Resp: 1889843

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.8

141 34.1 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 89.418 ng

RT: 13.363 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

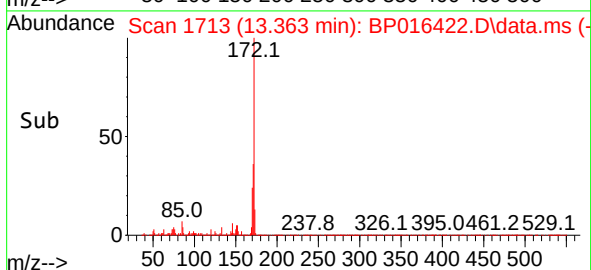
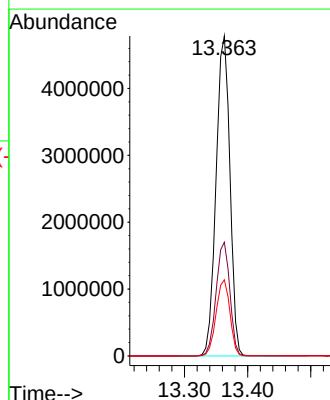
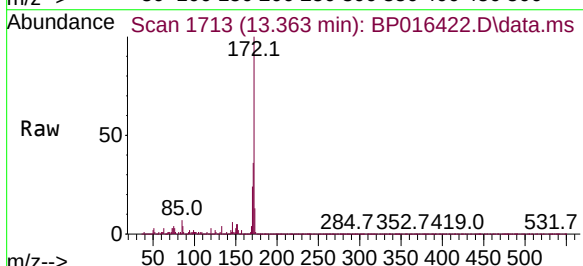
Tgt Ion:172 Resp: 7286044

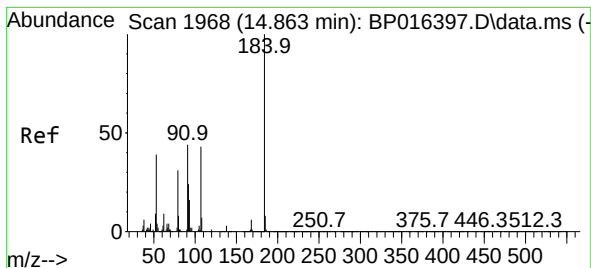
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.8 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.007 ng

RT: 14.863 min Scan# 1968

Delta R.T. 0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

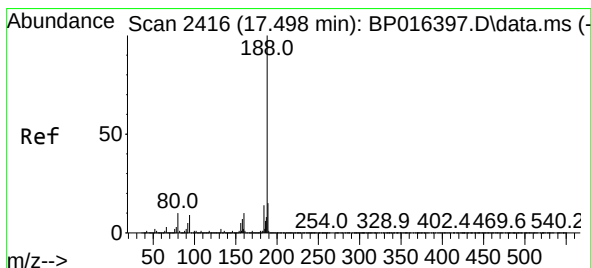
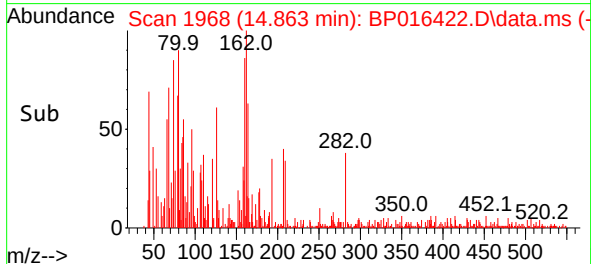
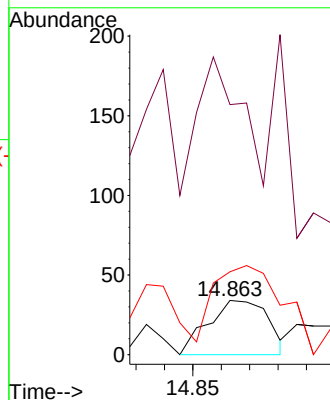
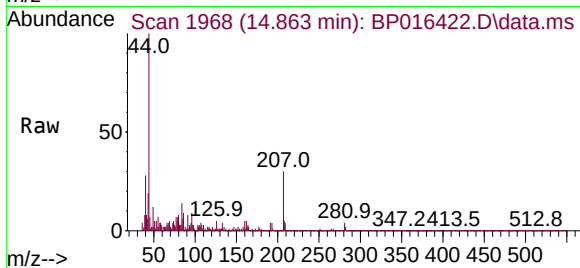
Instrument :

BNA_P

ClientSampleId :

SP-303-20230713

Tgt Ion:184	Resp:	50
Ion	Ratio	Lower Upper
184	100	
63	461.8	48.2 72.4#
154	152.9	49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

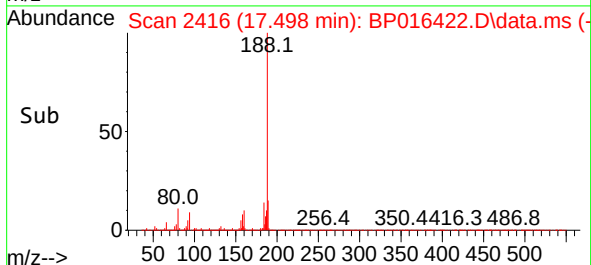
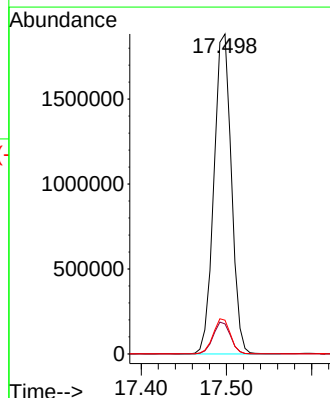
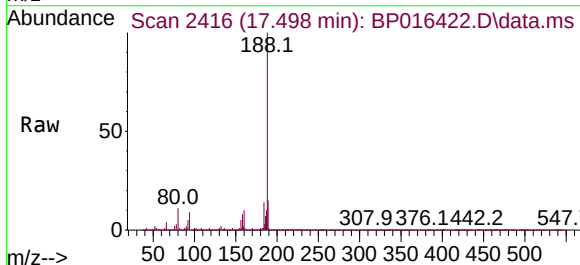
RT: 17.498 min Scan# 2416

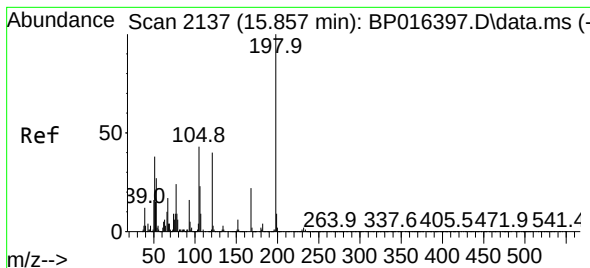
Delta R.T. -0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

Tgt Ion:188	Resp:	2674546
Ion	Ratio	Lower Upper
188	100	
94	9.4	7.4 11.0
80	10.5	7.8 11.8

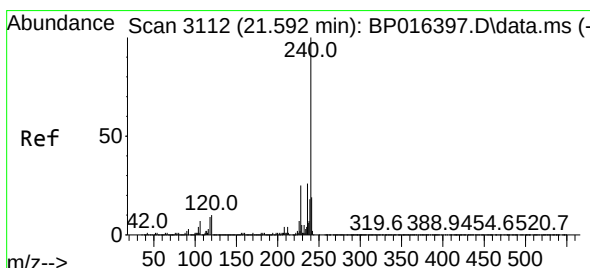
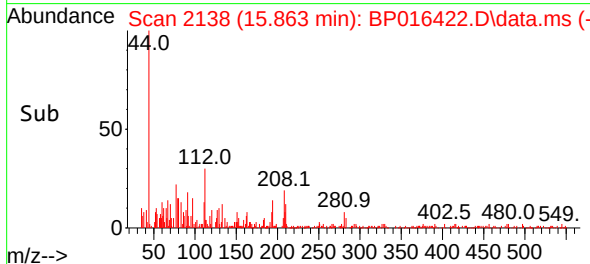
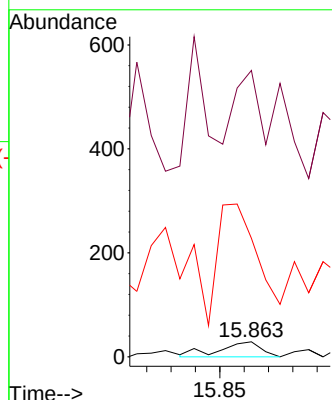
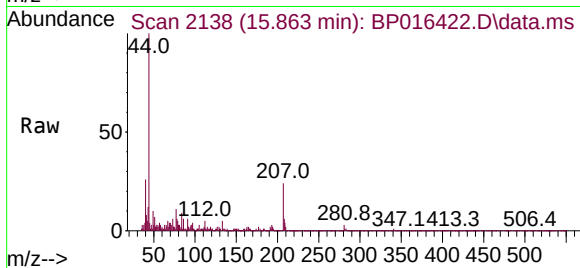




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.863 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

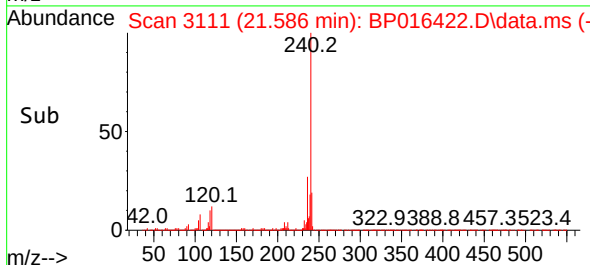
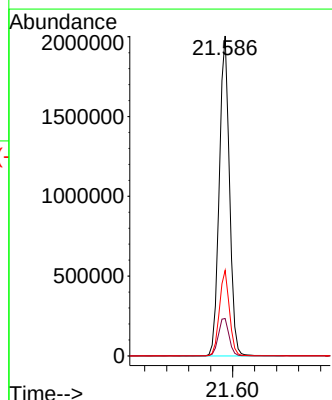
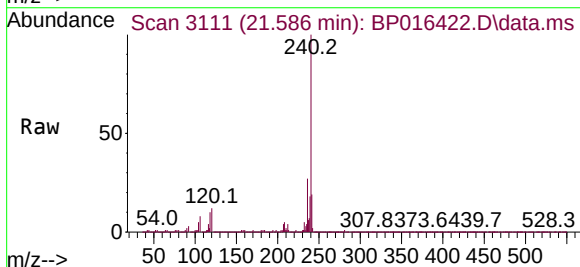
Instrument :
BNA_P
ClientSampleId :
SP-303-20230713

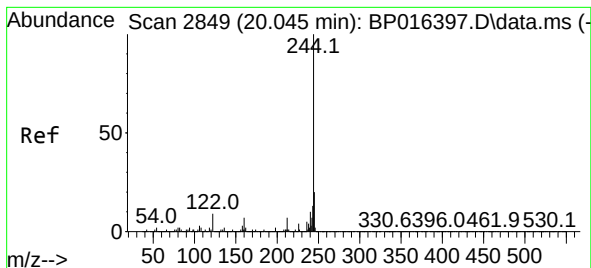
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 1900.0 20.1 60.1#
105 786.2 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016422.D
Acq: 28 Jul 2023 14:30

Tgt Ion:240 Resp: 2577387
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 26.7 21.1 31.7





#79

Terphenyl-d14

Concen: 94.210 ng

RT: 20.045 min Scan# 2849

Delta R.T. -0.000 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

Instrument :

BNA_P

ClientSampleId :

SP-303-20230713

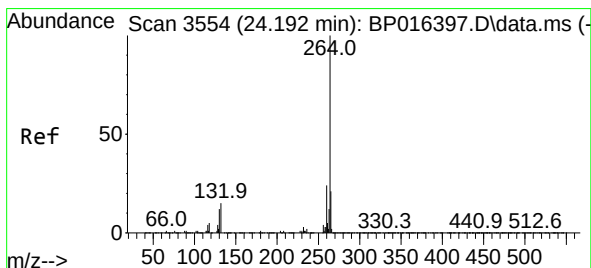
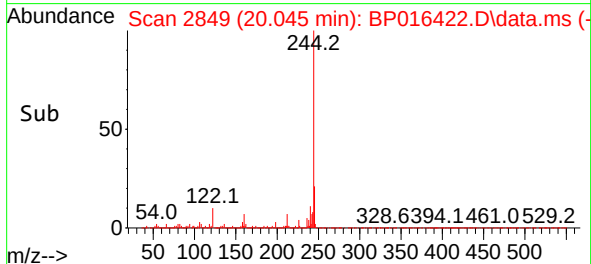
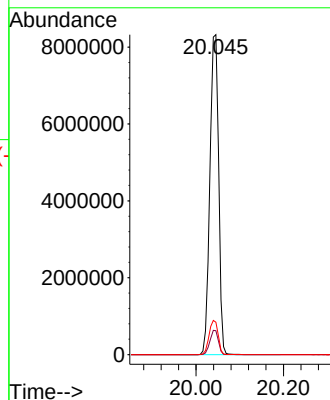
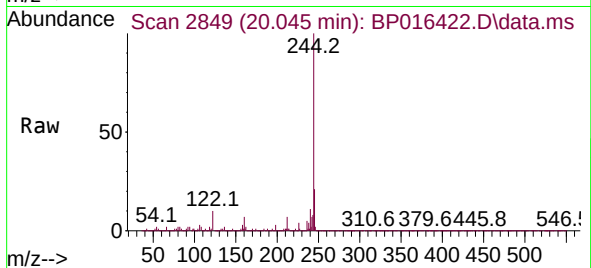
Tgt Ion:244 Resp:11494647

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

122 10.1 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.186 min Scan# 3553

Delta R.T. -0.006 min

Lab File: BP016422.D

Acq: 28 Jul 2023 14:30

Tgt Ion:264 Resp: 2879175

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.7 17.4 26.0

