

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016482.D
 Acq On : 02 Aug 2023 22:43
 Operator : MA/JU
 Sample : 03598-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 02 23:22:36 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)

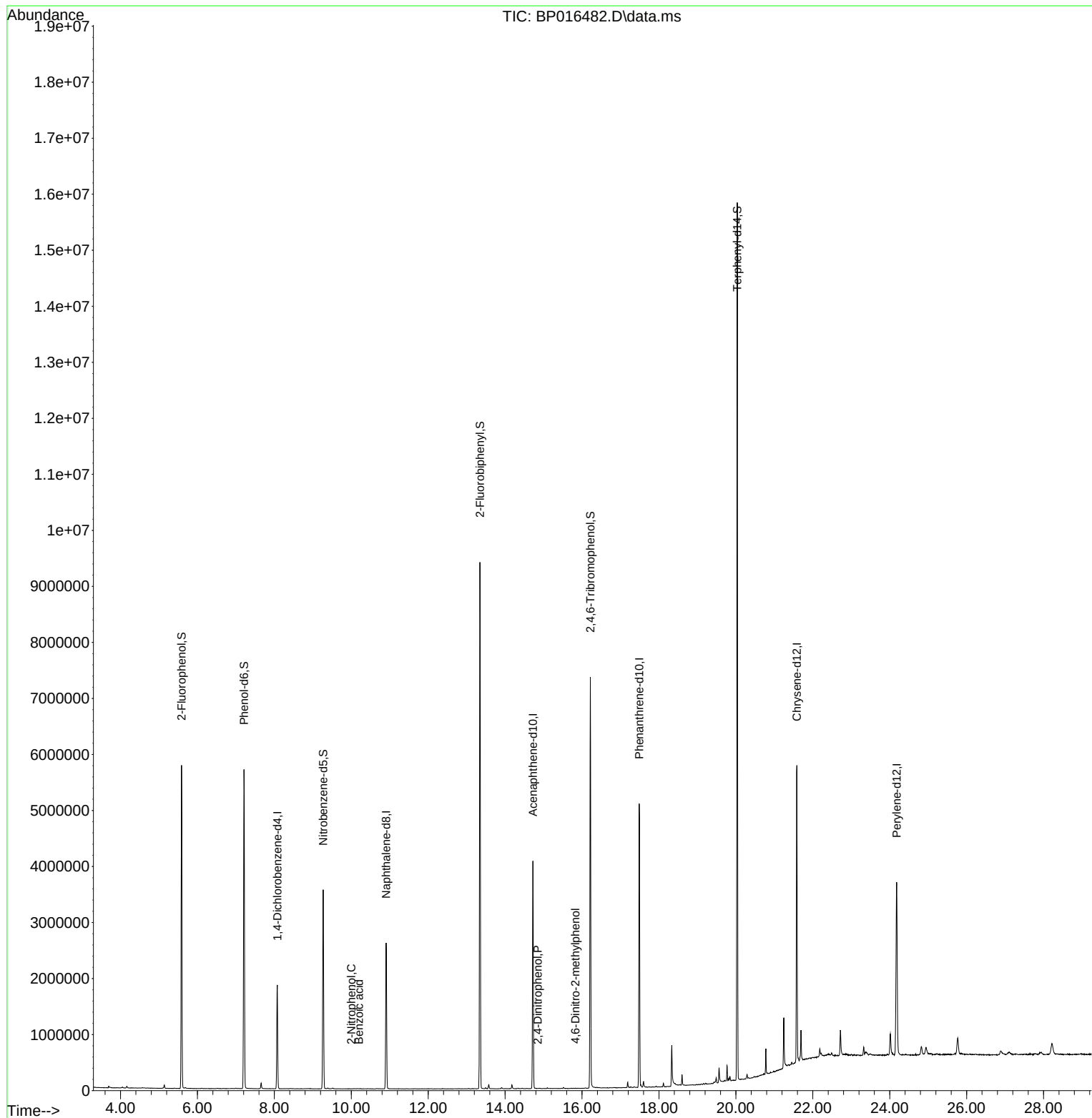
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	502082	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	2121439	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1321260	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2962150	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	2456648	20.000	ng	0.00
86) Perylene-d12	24.180	264	2457470	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	2597634	84.405	ng	-0.02
7) Phenol-d6	7.210	99	3468552	82.225	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2048265	54.048	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1328255	68.334	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	4726437	51.286	ng	-0.02
79) Terphenyl-d14	20.033	244	7223574	62.114	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.210	77	5968	Below Cal	#	4
26) 2-Nitrophenol	9.998	139	44	3.128	ng	# 1
32) Benzoic acid	10.198	122	117	6.291	ng	# 28
54) 2,4-Dinitrophenol	14.845	184	20	8.003	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.828	198	8	6.302	ng	# 1

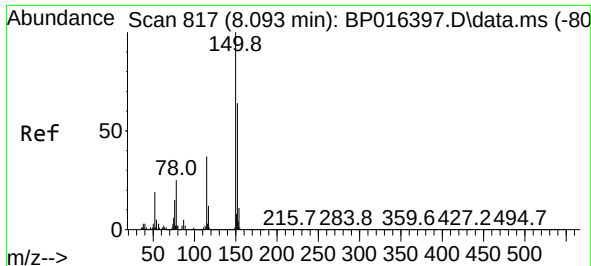
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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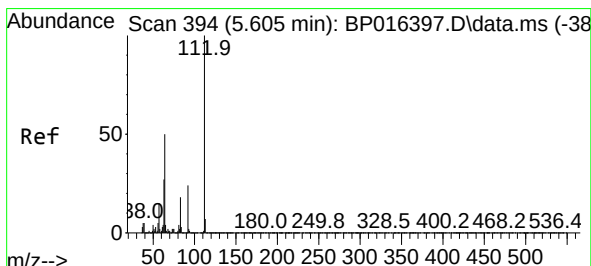
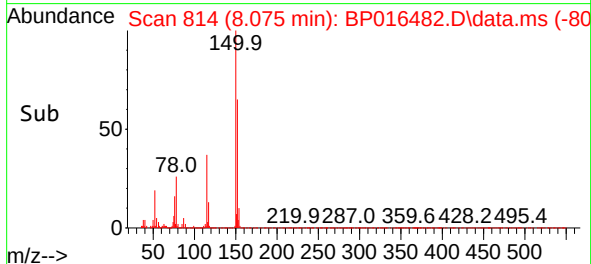
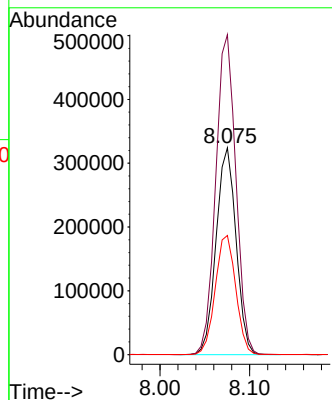
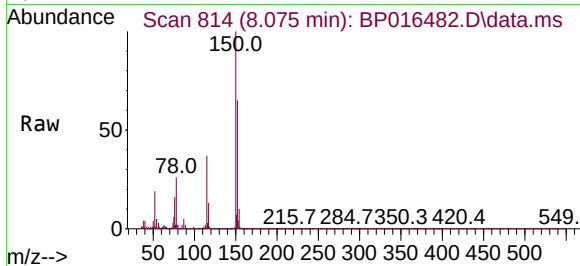




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

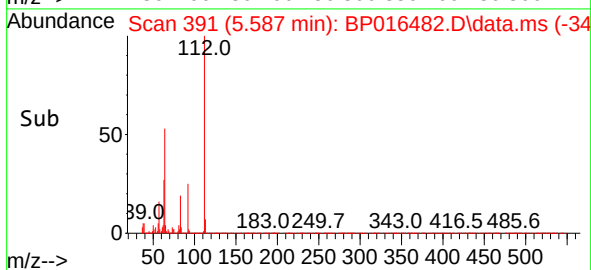
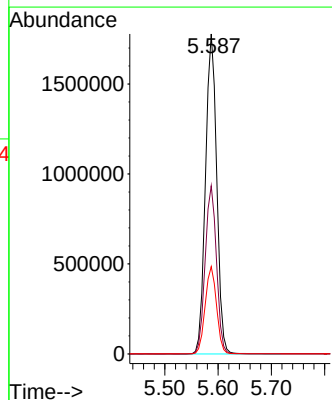
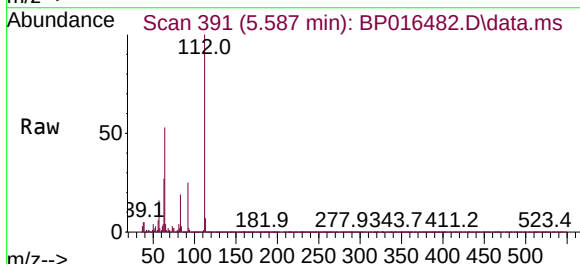
Instrument :
BNA_P
ClientSampleId :

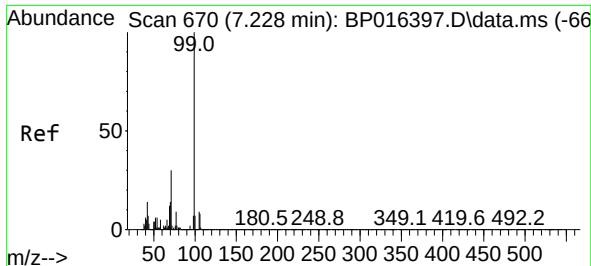
Tgt Ion:152 Resp: 502082
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 57.6 46.8 70.2



#5
2-Fluorophenol
Concen: 84.405 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion:112 Resp: 2597634
Ion Ratio Lower Upper
112 100
64 52.5 40.0 60.0
63 27.3 21.2 31.8

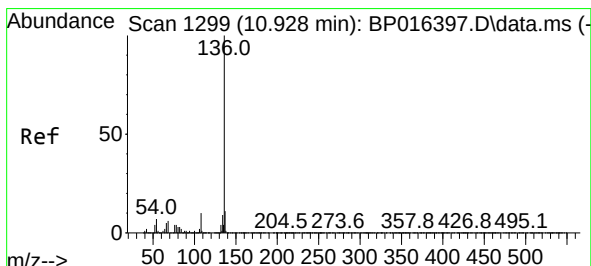
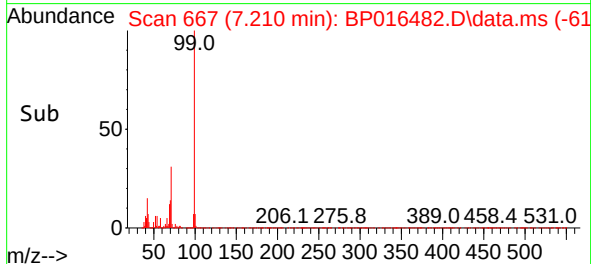
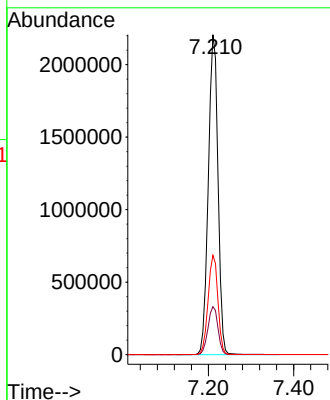
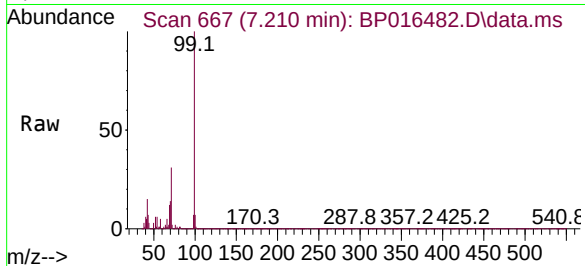




#7
Phenol-d6
Concen: 82.225 ng
RT: 7.210 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

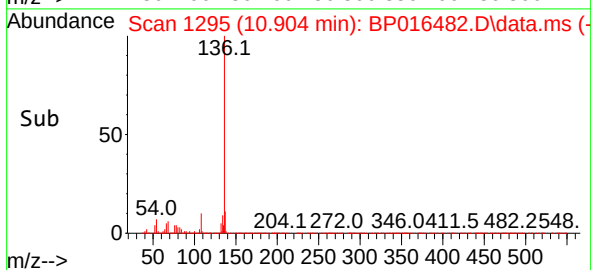
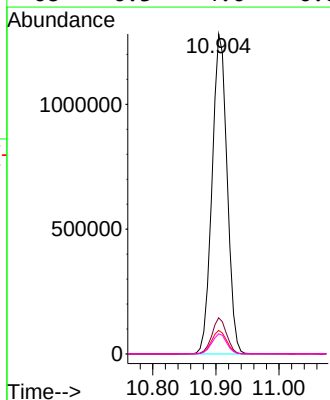
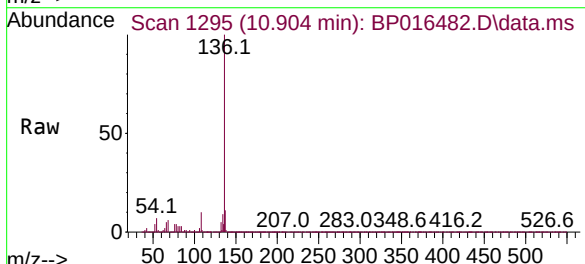
Instrument :
BNA_P
ClientSampleId :

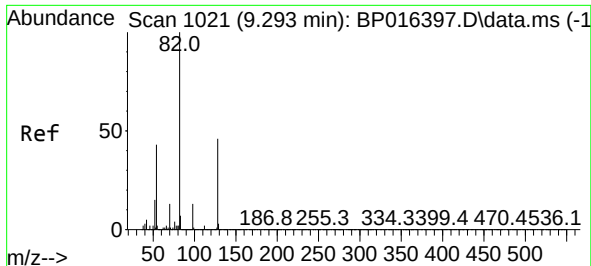
Tgt Ion: 99 Resp: 3468552
Ion Ratio Lower Upper
99 100
42 15.0 11.6 17.4
71 31.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion:136 Resp: 2121439
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.3 5.6 8.4
68 6.3 4.6 6.8

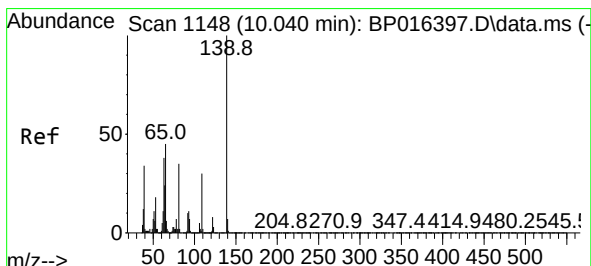
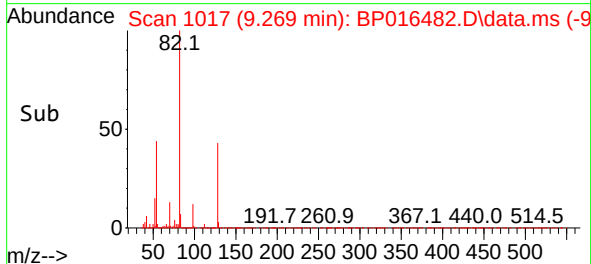
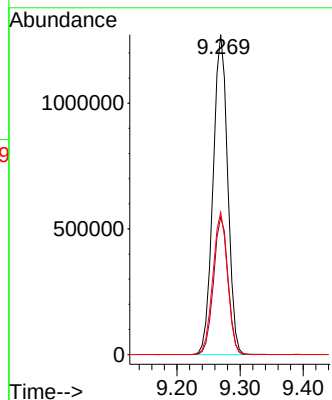
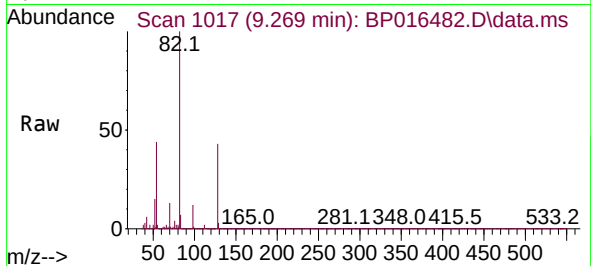




#23
Nitrobenzene-d5
Concen: 54.048 ng
RT: 9.269 min Scan# 1017
Delta R.T. -0.024 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

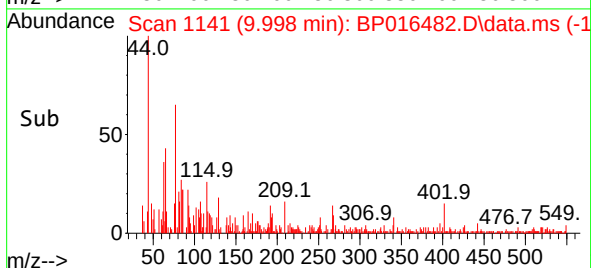
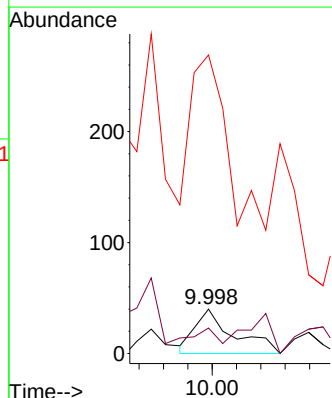
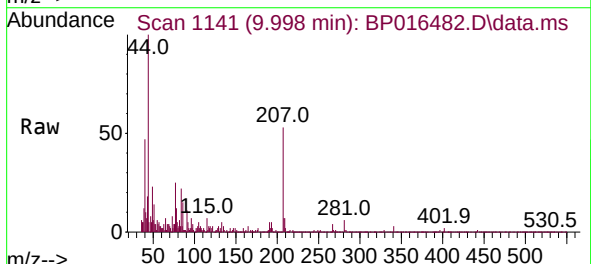
Instrument :
BNA_P
ClientSampleId :

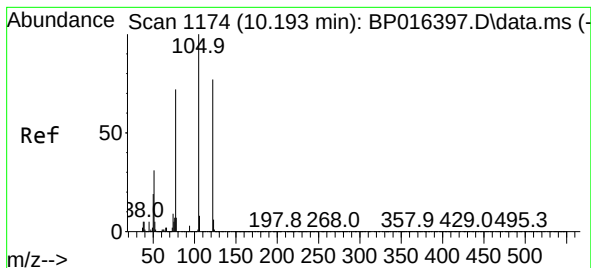
Tgt Ion: 82 Resp: 2048265
Ion Ratio Lower Upper
82 100
128 43.0 36.6 55.0
54 44.5 34.5 51.7



#26
2-Nitrophenol
Concen: 3.128 ng
RT: 9.998 min Scan# 1141
Delta R.T. -0.042 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion: 139 Resp: 44
Ion Ratio Lower Upper
139 100
109 57.5 24.2 36.4#
65 672.5 35.8 53.6#





#32

Benzoic acid

Concen: 6.291 ng

RT: 10.198 min Scan# 1174

Delta R.T. 0.005 min

Lab File: BP016482.D

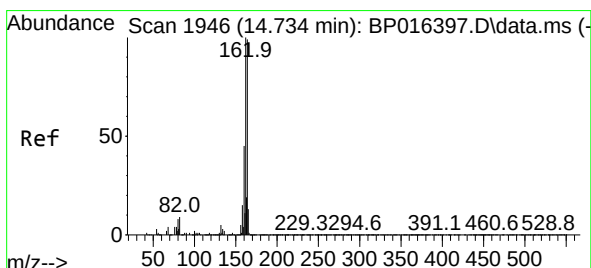
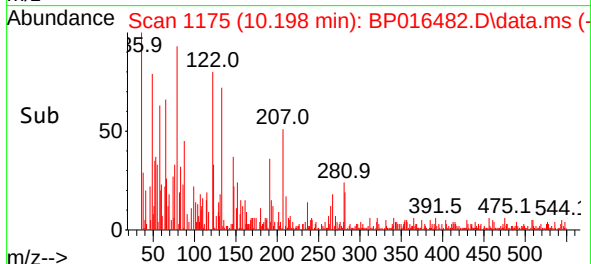
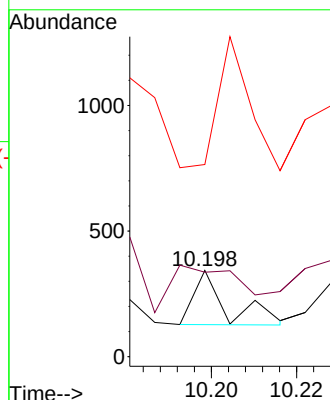
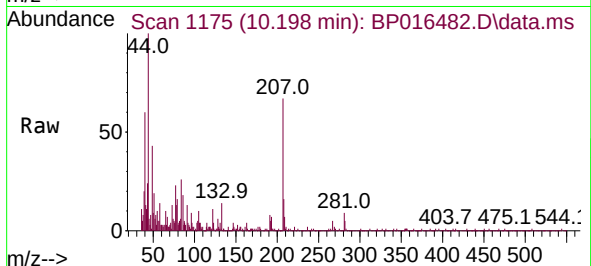
Acq: 02 Aug 2023 22:43

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	122	Resp:	117
Ion	Ratio	Lower	Upper
122	100		
105	98.0	105.2	145.2#
77	223.0	72.2	112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

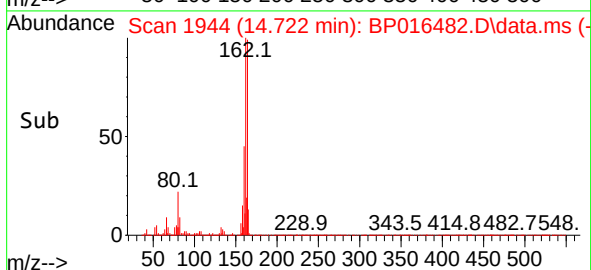
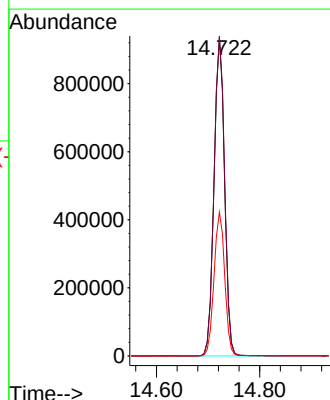
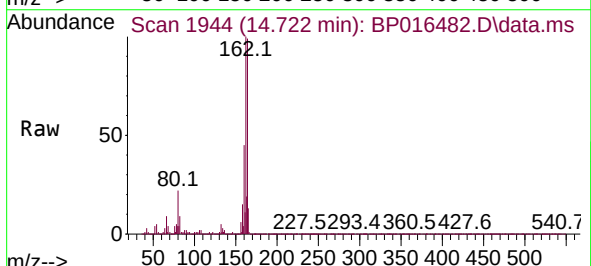
RT: 14.722 min Scan# 1944

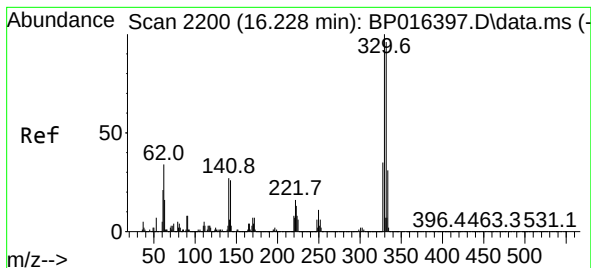
Delta R.T. -0.012 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

Tgt Ion:	164	Resp:	1321260
Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	45.2	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 68.334 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

Instrument :

BNA_P

ClientSampleId :

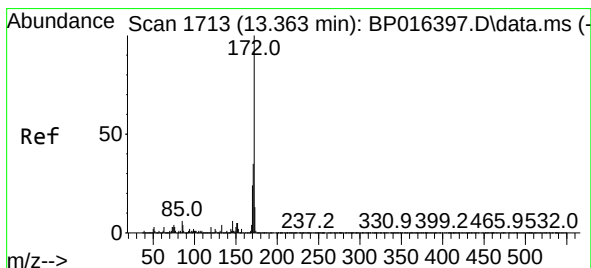
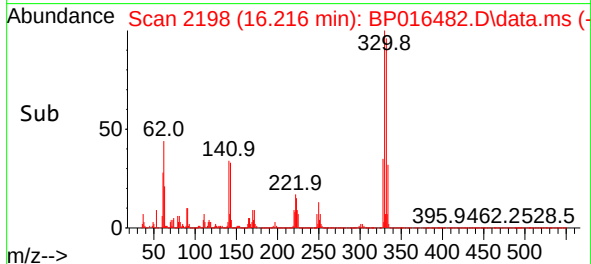
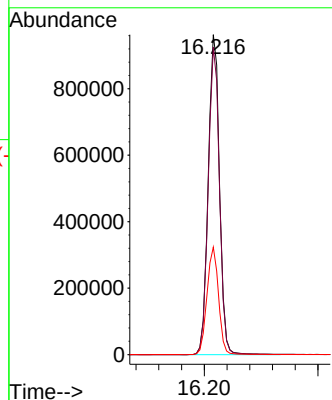
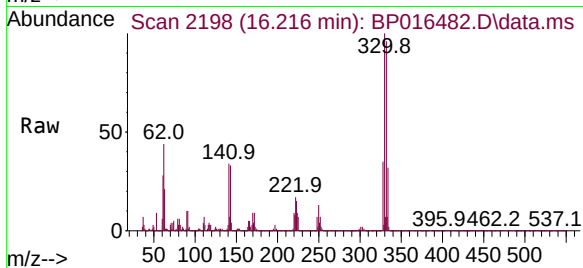
Tgt Ion:330 Resp: 1328255

Ion Ratio Lower Upper

330 100

332 96.0 77.8 116.8

141 34.4 22.6 34.0#



#45

2-Fluorobiphenyl

Concen: 51.286 ng

RT: 13.345 min Scan# 1710

Delta R.T. -0.018 min

Lab File: BP016482.D

Acq: 02 Aug 2023 22:43

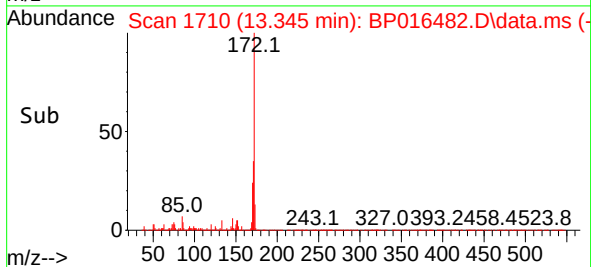
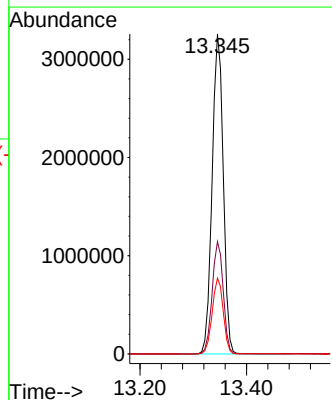
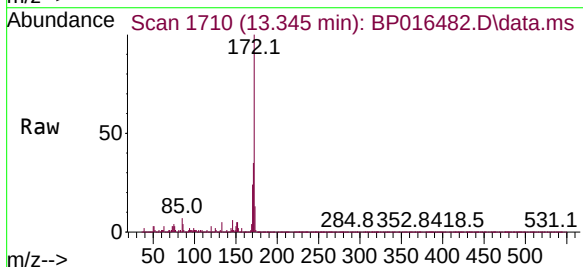
Tgt Ion:172 Resp: 4726437

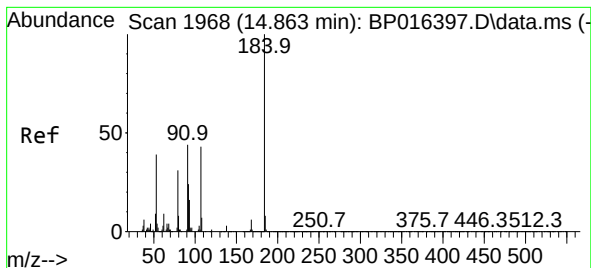
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.7 19.1 28.7

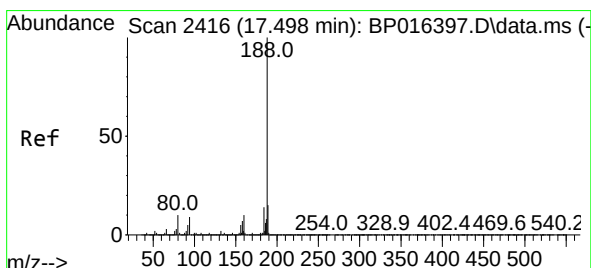
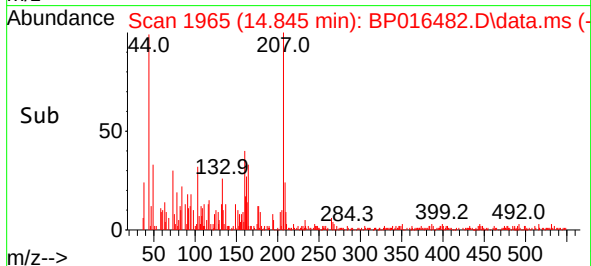
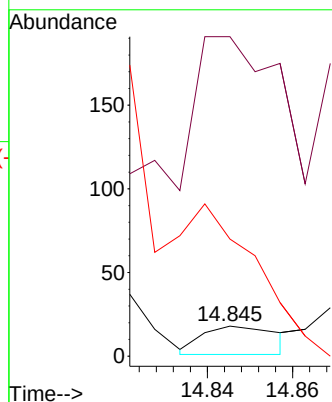
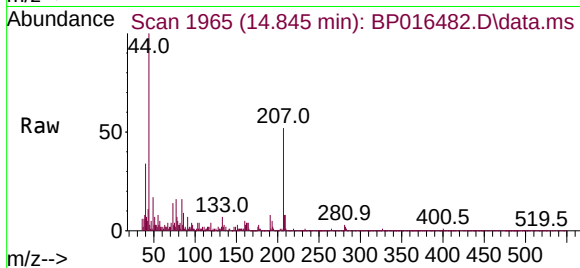




#54
2,4-Dinitrophenol
Concen: 8.003 ng
RT: 14.845 min Scan# 1965
Delta R.T. -0.018 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

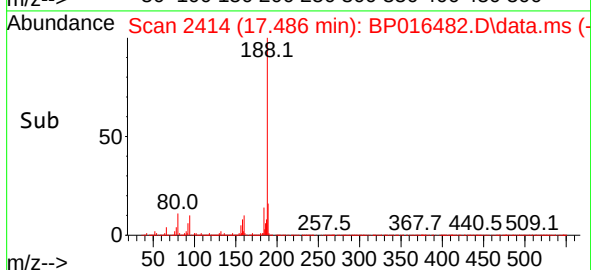
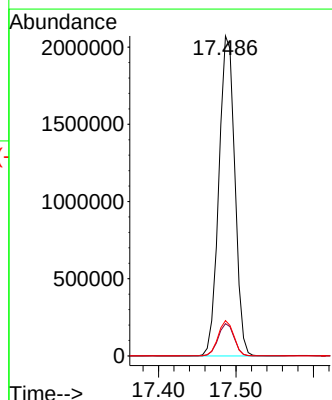
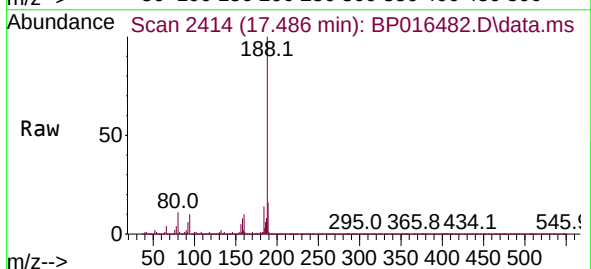
Instrument :
BNA_P
ClientSampleId :

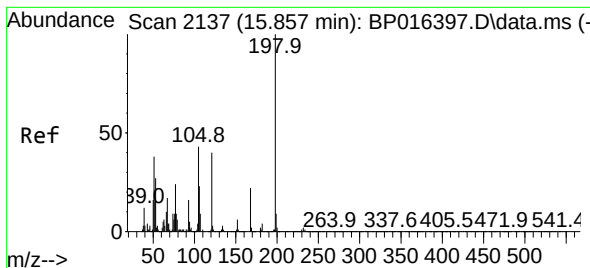
Tgt Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 1061.1 48.2 72.4#
154 388.9 49.6 74.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion:188 Resp: 2962150
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.0
80 11.1 7.8 11.8

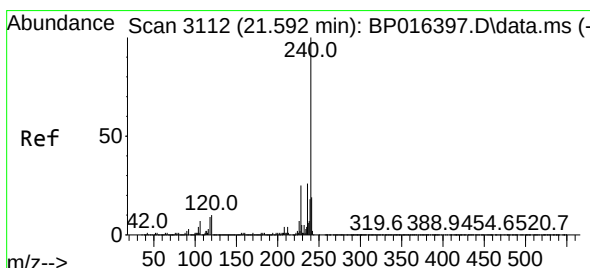
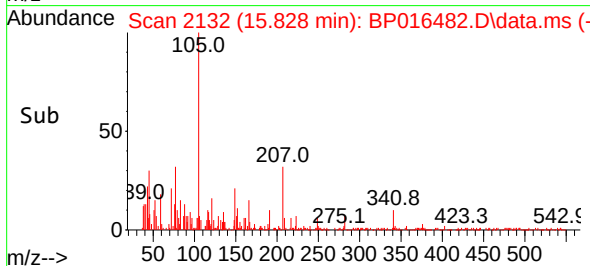
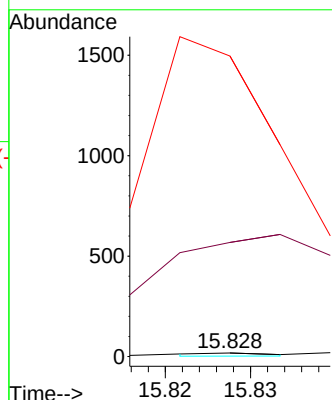
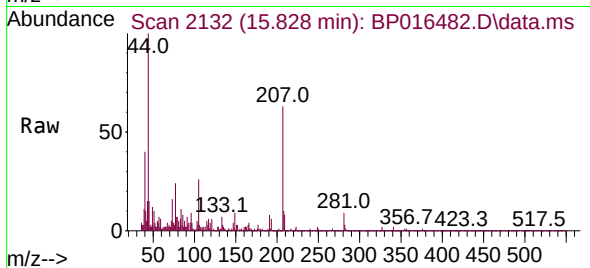




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 15.828 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

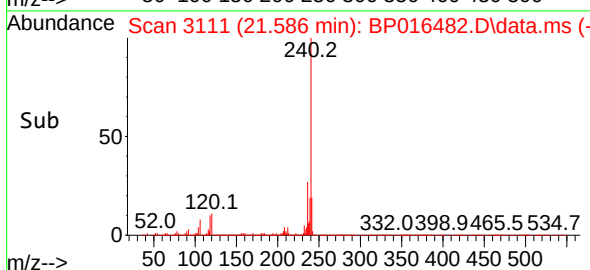
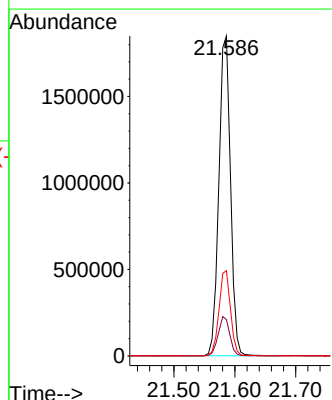
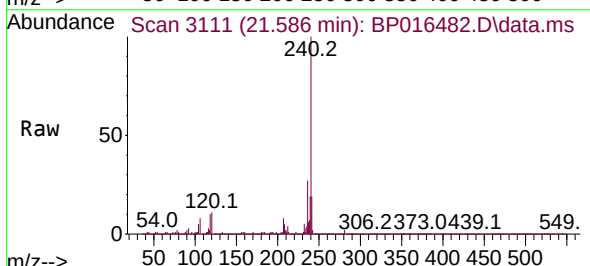
Instrument :
BNA_P
ClientSampleId :

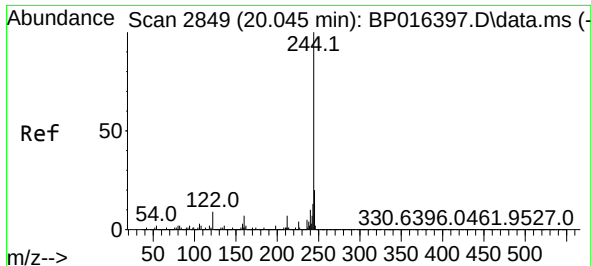
Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 2581.8 20.1 60.1#
105 6800.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016482.D
Acq: 02 Aug 2023 22:43

Tgt Ion:240 Resp: 2456648
Ion Ratio Lower Upper
240 100
120 11.3 7.9 11.9
236 26.6 21.1 31.7

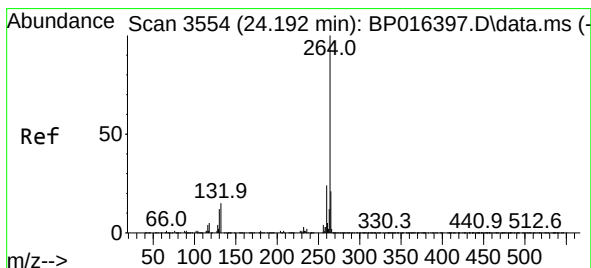
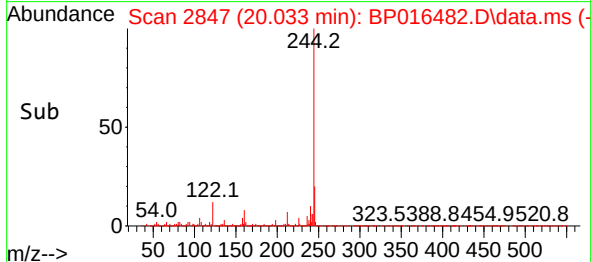
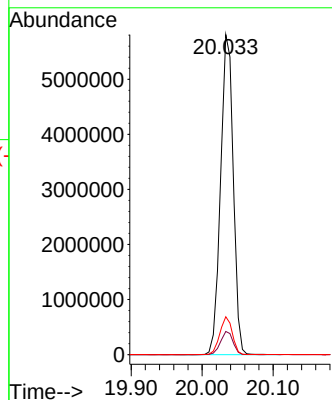
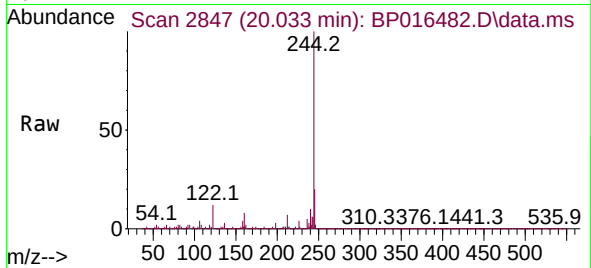




#79
 Terphenyl-d14
 Concen: 62.114 ng
 RT: 20.033 min Scan# 2849
 Delta R.T. -0.012 min
 Lab File: BP016482.D
 Acq: 02 Aug 2023 22:43

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 7223574
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.9 7.4 11.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.180 min Scan# 3552
 Delta R.T. -0.012 min
 Lab File: BP016482.D
 Acq: 02 Aug 2023 22:43

Tgt Ion:264 Resp: 2457470
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.8 17.4 26.0

