

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016471.D
 Acq On : 02 Aug 2023 16:23
 Operator : MA/JU
 Sample : 03831-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 02 21:46:47 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)

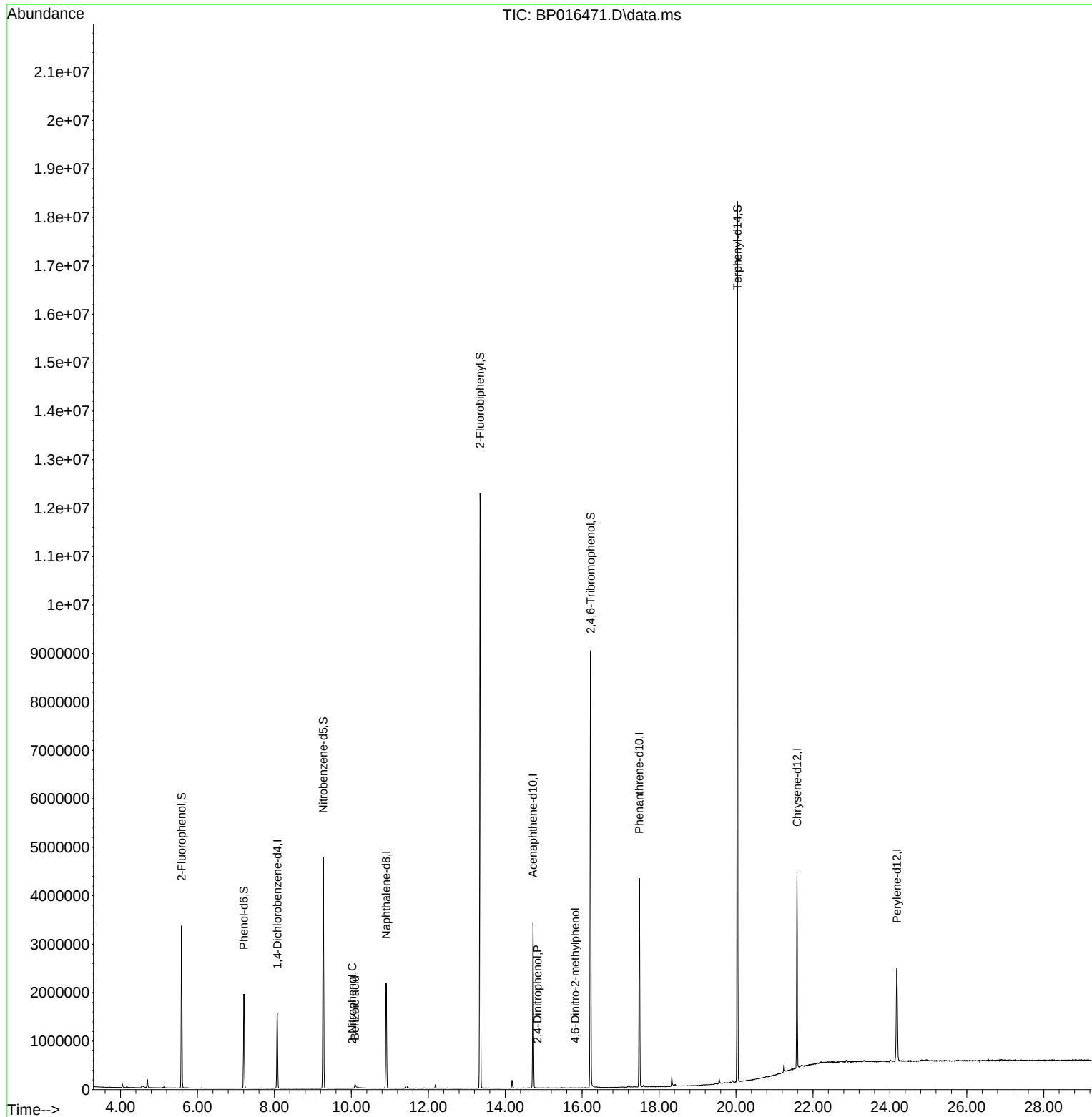
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	418749	20.000	ng	-0.02
21) Naphthalene-d8	10.905	136	1786377	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1131452	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	2515616	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1902592	20.000	ng	0.00
86) Perylene-d12	24.180	264	1513439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1454846	56.680	ng	-0.02
7) Phenol-d6	7.205	99	1147459	32.615	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2787095	87.337	ng	-0.02
42) 2,4,6-Tribromophenol	16.222	330	1727448	103.780	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	6485209	82.175	ng	-0.02
79) Terphenyl-d14	20.039	244	8935978	99.215	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.205	77	2826	Below Cal	#	18
26) 2-Nitrophenol	10.022	139	56	3.129	ng	# 1
32) Benzoic acid	10.093	122	51397	8.648	ng	92
54) 2,4-Dinitrophenol	14.840	184	19	8.004	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.816	198	40	6.304	ng	# 1

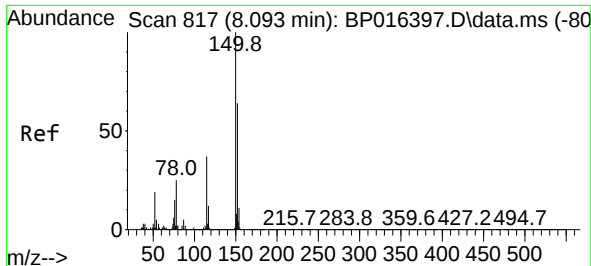
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016471.D
Acq On : 02 Aug 2023 16:23
Operator : MA/JU
Sample : 03831-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

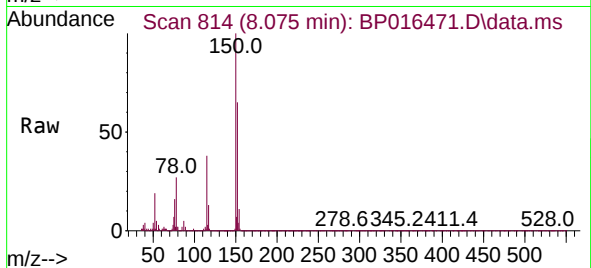
Quant Time: Aug 02 21:46:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration



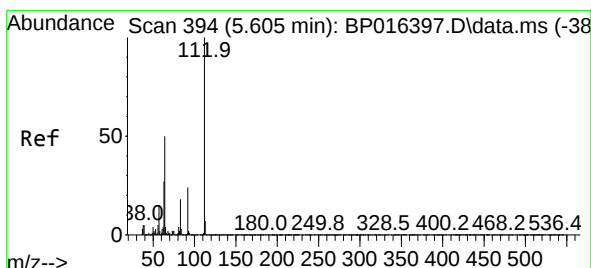
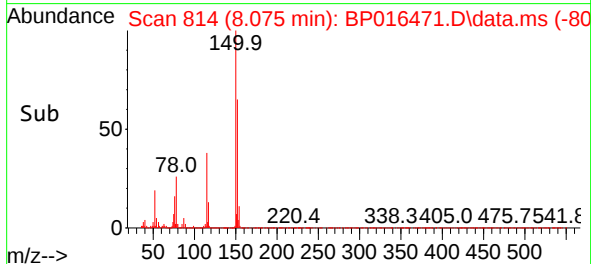
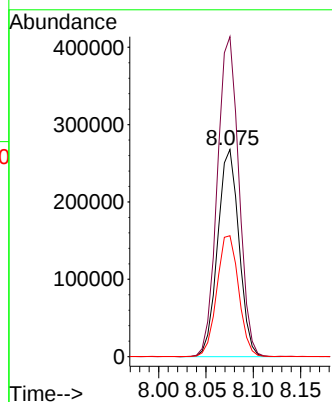


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Instrument :
BNA_P
ClientSampleId :

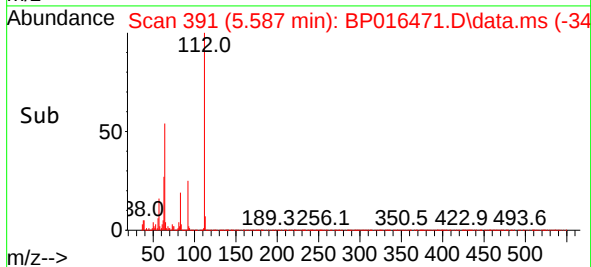
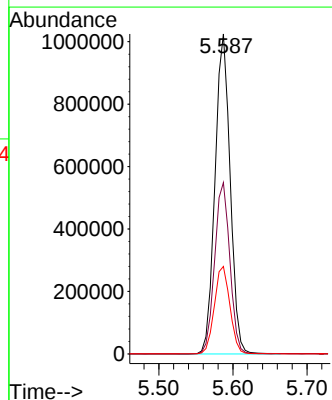
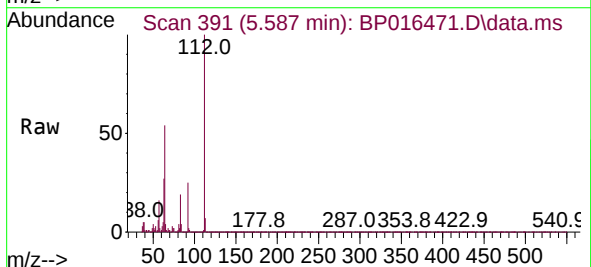


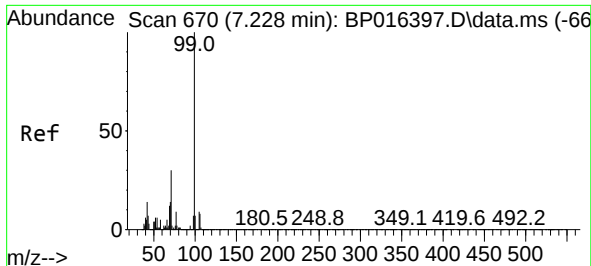
Tgt Ion:152 Resp: 418749
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 58.4 46.8 70.2



#5
2-Fluorophenol
Concen: 56.680 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

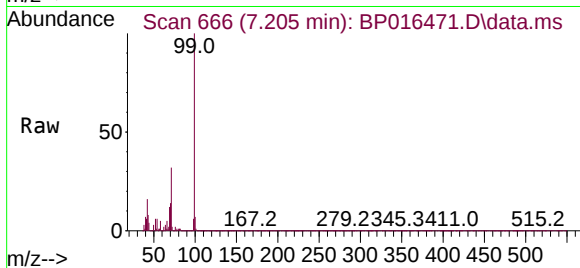
Tgt Ion:112 Resp: 1454846
Ion Ratio Lower Upper
112 100
64 53.5 40.0 60.0
63 27.3 21.2 31.8



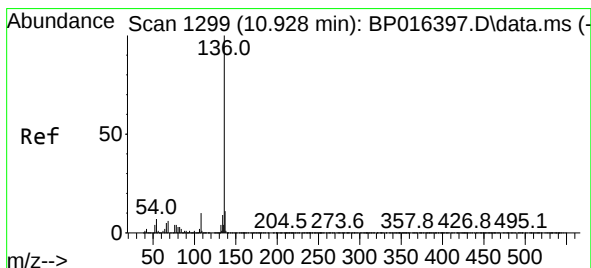
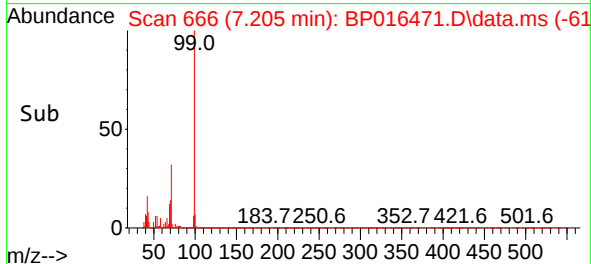
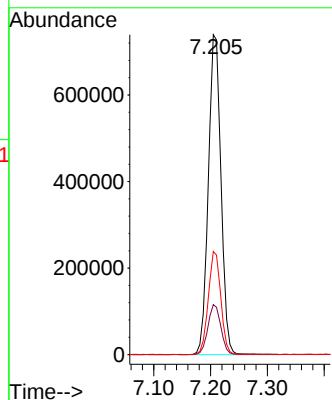


#7
Phenol-d6
Concen: 32.615 ng
RT: 7.205 min Scan# 60
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Instrument :
BNA_P
ClientSampleId :

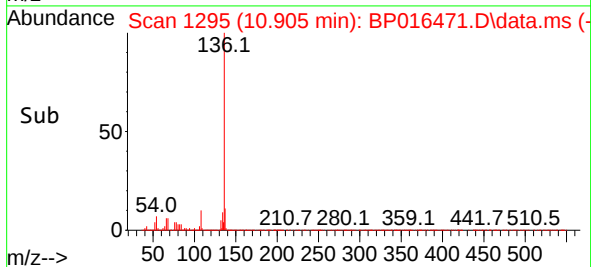
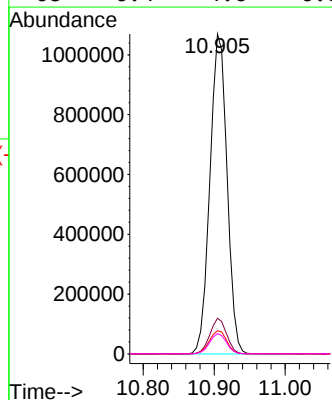
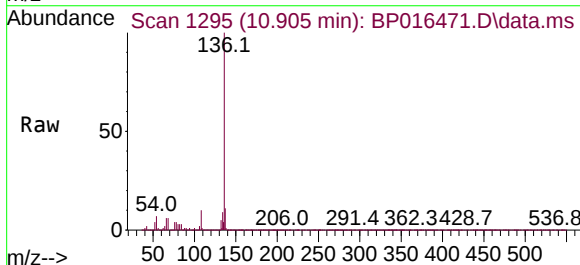


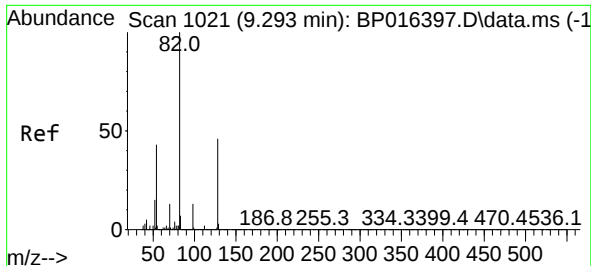
Tgt Ion: 99 Resp: 1147459
Ion Ratio Lower Upper
99 100
42 15.6 11.6 17.4
71 32.2 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion: 136 Resp: 1786377
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.3 5.6 8.4
68 6.4 4.6 6.8

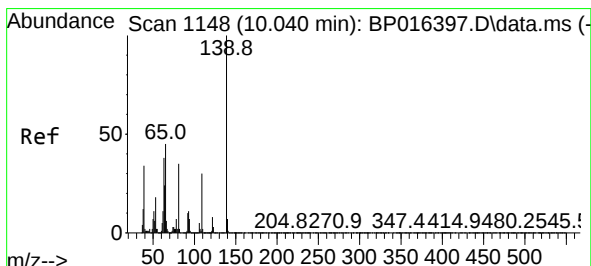
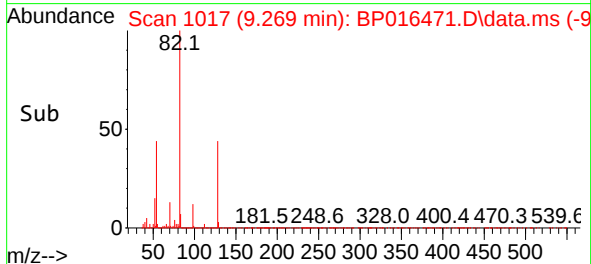
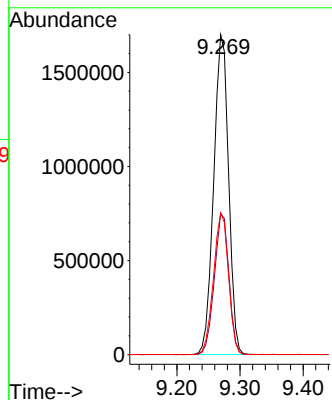
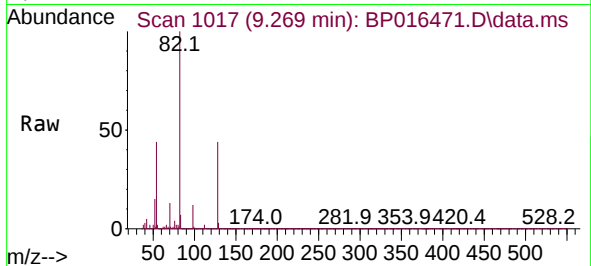




#23
Nitrobenzene-d5
Concen: 87.337 ng
RT: 9.269 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

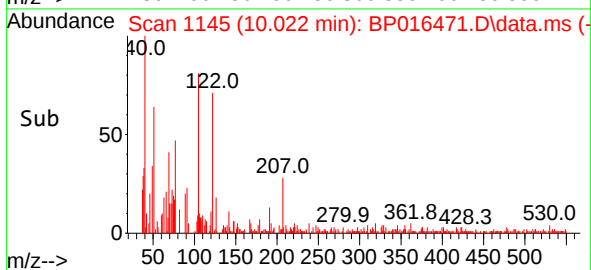
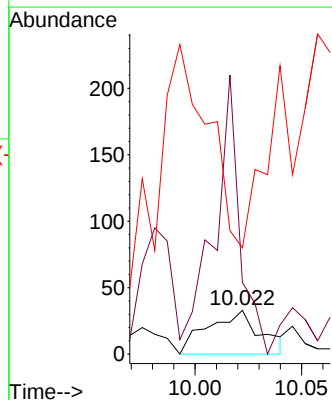
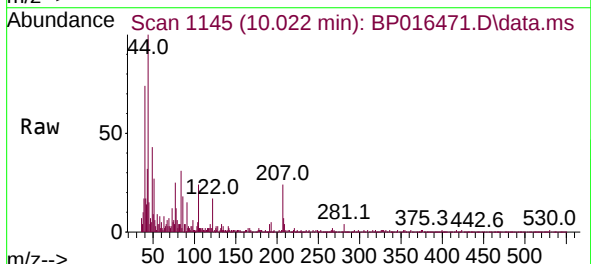
Instrument :
BNA_P
ClientSampleId :

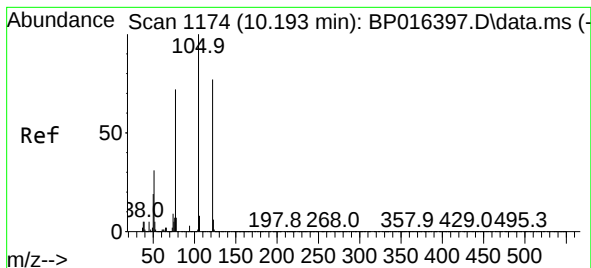
Tgt Ion: 82 Resp: 2787095
Ion Ratio Lower Upper
82 100
128 44.1 36.6 55.0
54 44.3 34.5 51.7



#26
2-Nitrophenol
Concen: 3.129 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion: 139 Resp: 56
Ion Ratio Lower Upper
139 100
109 163.6 24.2 36.4#
65 242.4 35.8 53.6#





#32

Benzoic acid

Concen: 8.648 ng

RT: 10.093 min Scan# 1174

Delta R.T. -0.100 min

Lab File: BP016471.D

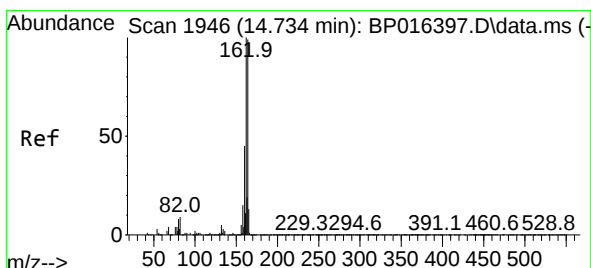
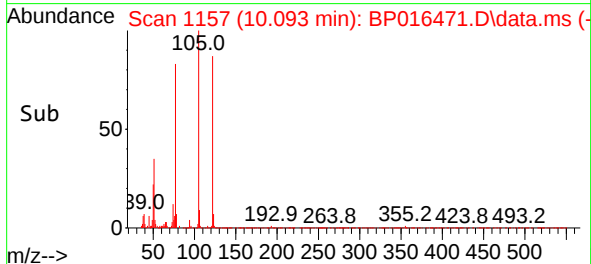
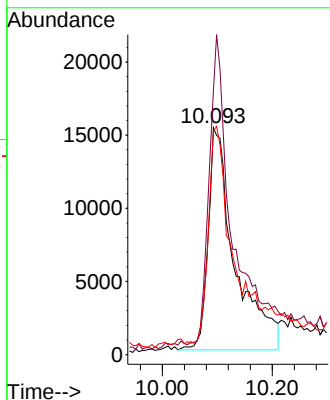
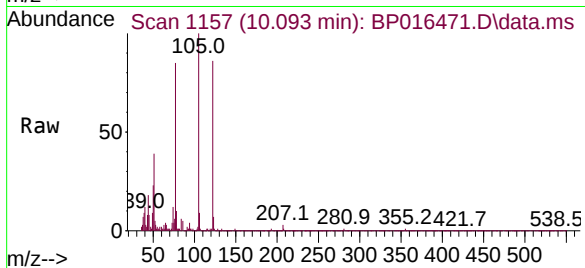
Acq: 02 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:122	Resp: 51397
Ion Ratio	Lower Upper
122	100
105	116.0 105.2 145.2
77	98.7 72.2 112.2



#39

Acenaphthene-d10

Concen: 20.000 ng

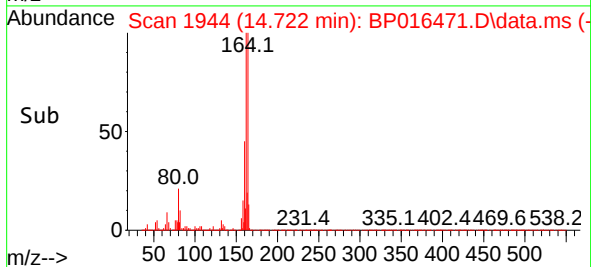
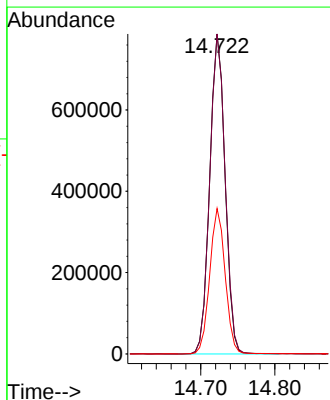
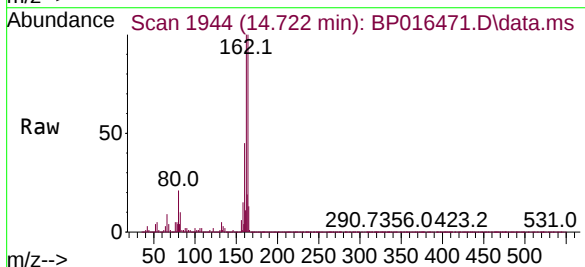
RT: 14.722 min Scan# 1944

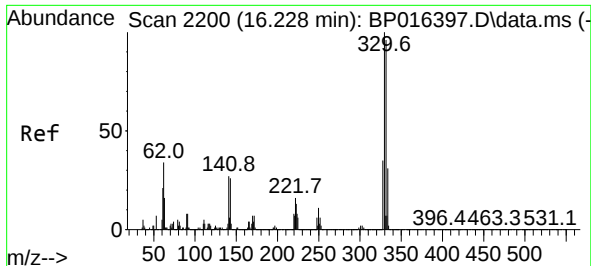
Delta R.T. -0.012 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

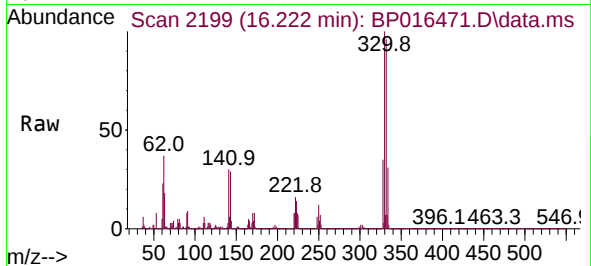
Tgt Ion:164	Resp: 1131452
Ion Ratio	Lower Upper
164	100
162	100.0 81.0 121.6
160	45.4 36.6 55.0



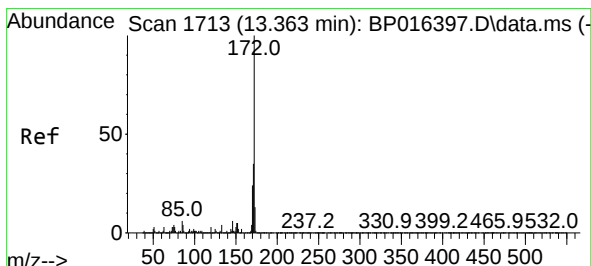
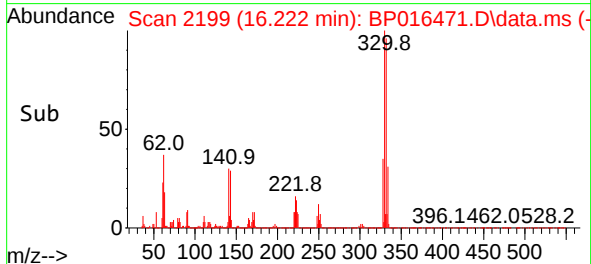
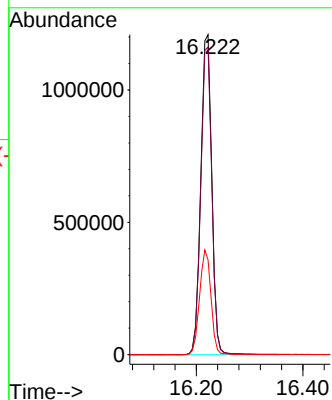


#42
2,4,6-Tribromophenol
Concen: 103.780 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Instrument :
BNA_P
ClientSampleId :

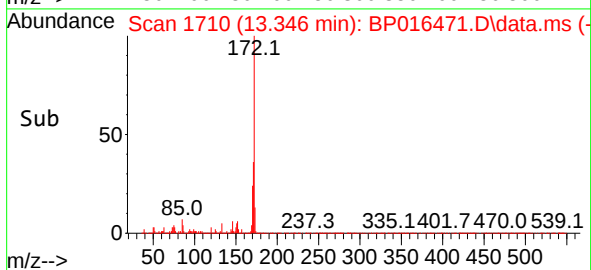
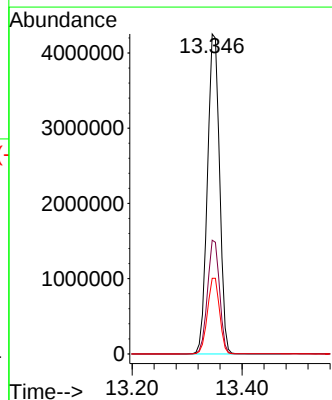
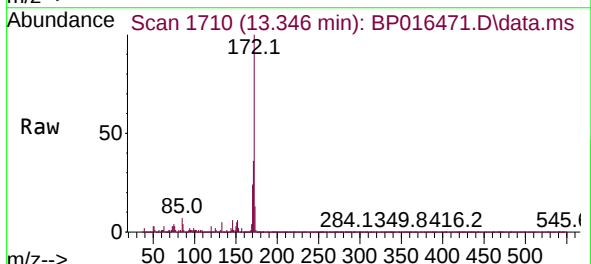


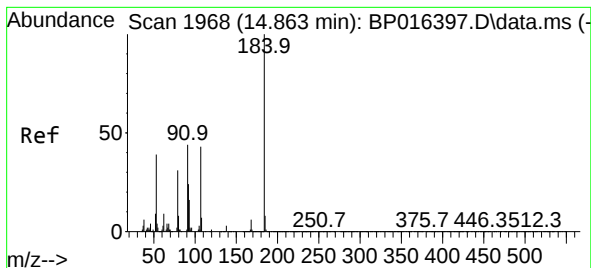
Tgt Ion:330 Resp: 1727448
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 33.7 22.6 34.0



#45
2-Fluorobiphenyl
Concen: 82.175 ng
RT: 13.346 min Scan# 1710
Delta R.T. -0.018 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion:172 Resp: 6485209
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.6 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.004 ng

RT: 14.840 min Scan# 19

Delta R.T. -0.023 min

Lab File: BP016471.D

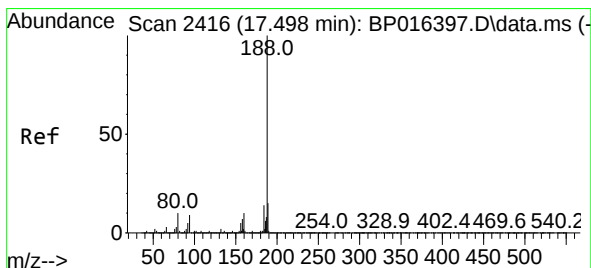
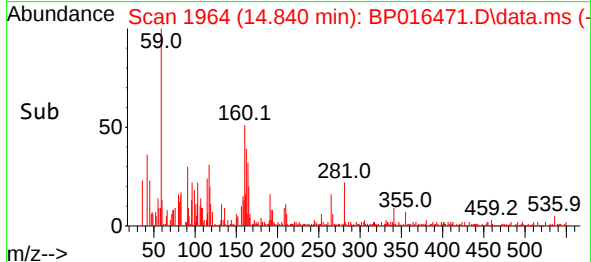
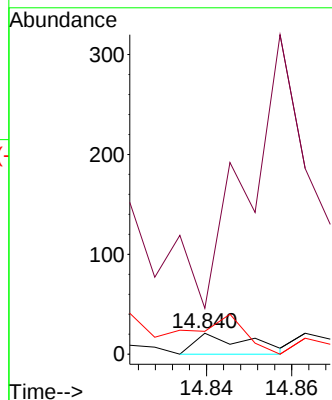
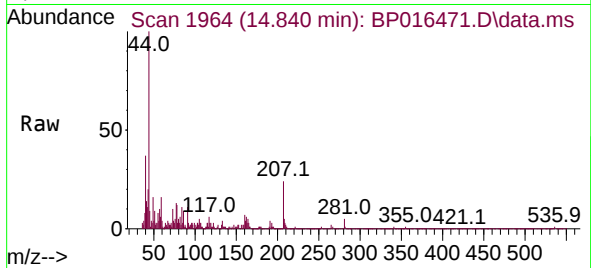
Acq: 02 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:184	Resp:	19
Ion	Ratio	Lower Upper
184	100	
63	219.0	48.2 72.4#
154	109.5	49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

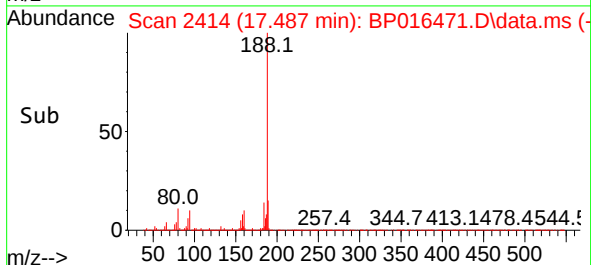
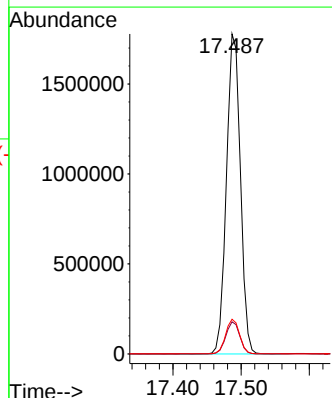
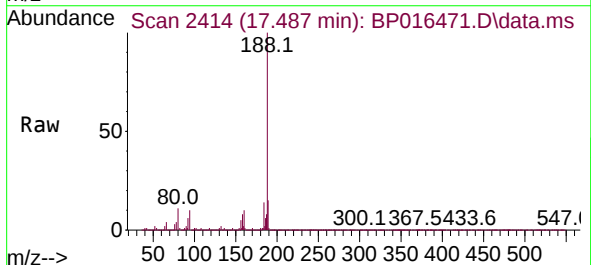
RT: 17.487 min Scan# 2414

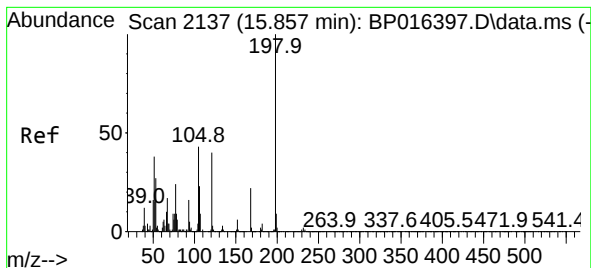
Delta R.T. -0.012 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

Tgt Ion:188	Resp:	2515616
Ion	Ratio	Lower Upper
188	100	
94	10.0	7.4 11.0
80	10.8	7.8 11.8

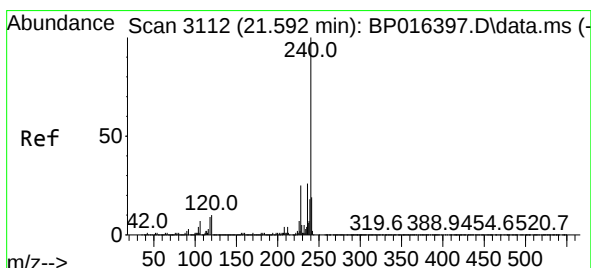
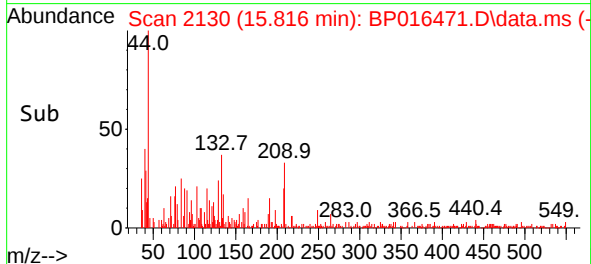
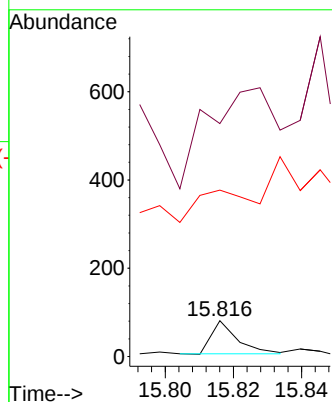
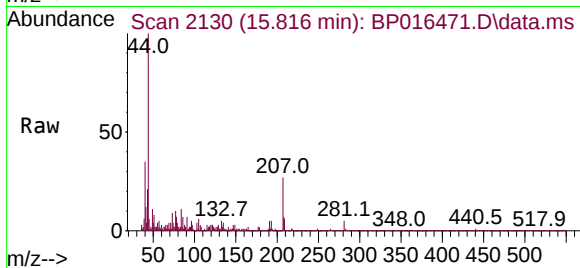




#65
4,6-Dinitro-2-methylphenol
Concen: 6.304 ng
RT: 15.816 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

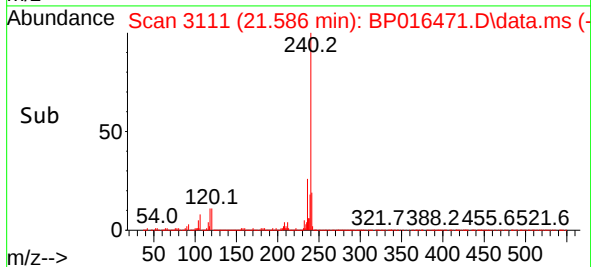
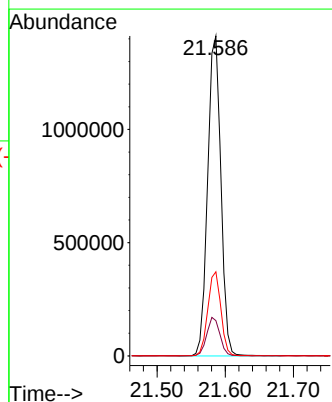
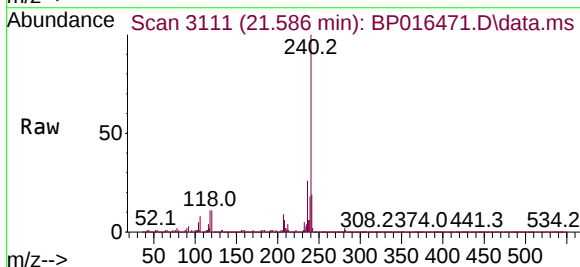
Instrument :
BNA_P
ClientSampleId :

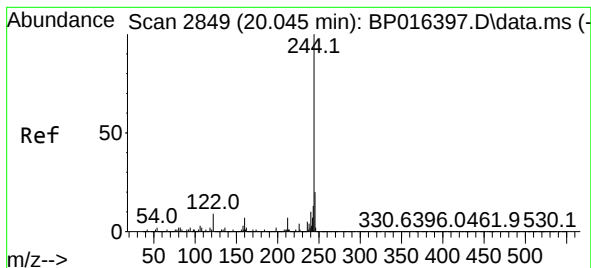
Tgt Ion:198 Resp: 40
Ion Ratio Lower Upper
198 100
51 651.9 20.1 60.1#
105 503.7 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016471.D
Acq: 02 Aug 2023 16:23

Tgt Ion:240 Resp: 1902592
Ion Ratio Lower Upper
240 100
120 11.0 7.9 11.9
236 26.3 21.1 31.7





#79

Terphenyl-d14

Concen: 99.215 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016471.D

Acq: 02 Aug 2023 16:23

Instrument :

BNA_P

ClientSampleId :

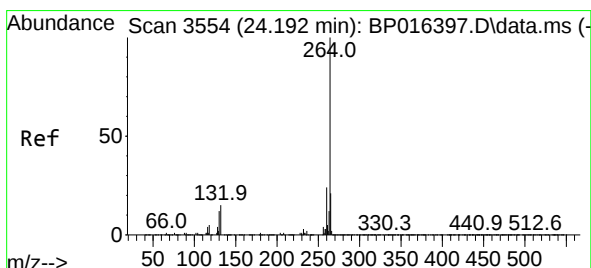
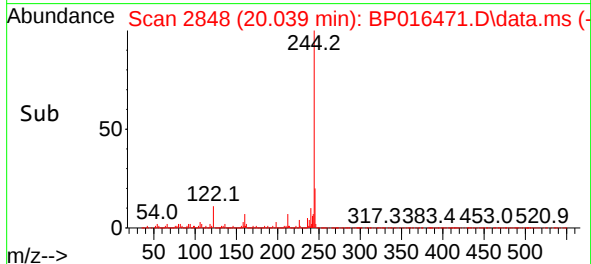
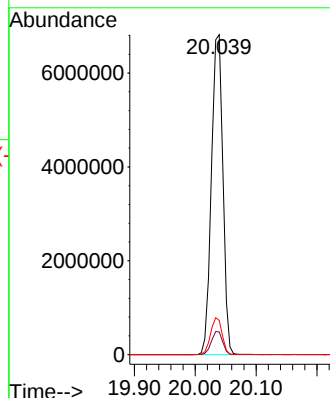
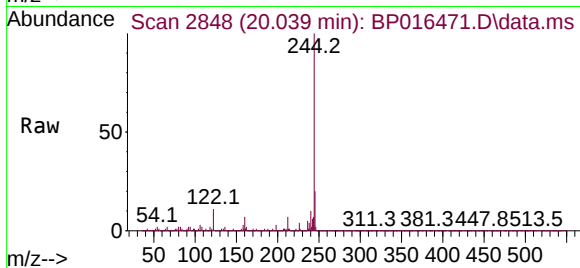
Tgt Ion:244 Resp: 8935978

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.7 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: BP016471.D

Acq: 02 Aug 2023 16:23

Tgt Ion:264 Resp: 1513439

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.9 17.4 26.0

