

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016429.D
 Acq On : 28 Jul 2023 18:32
 Operator : MA/JU
 Sample : PB154442TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154442TB

Quant Time: Jul 29 00:48:59 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)

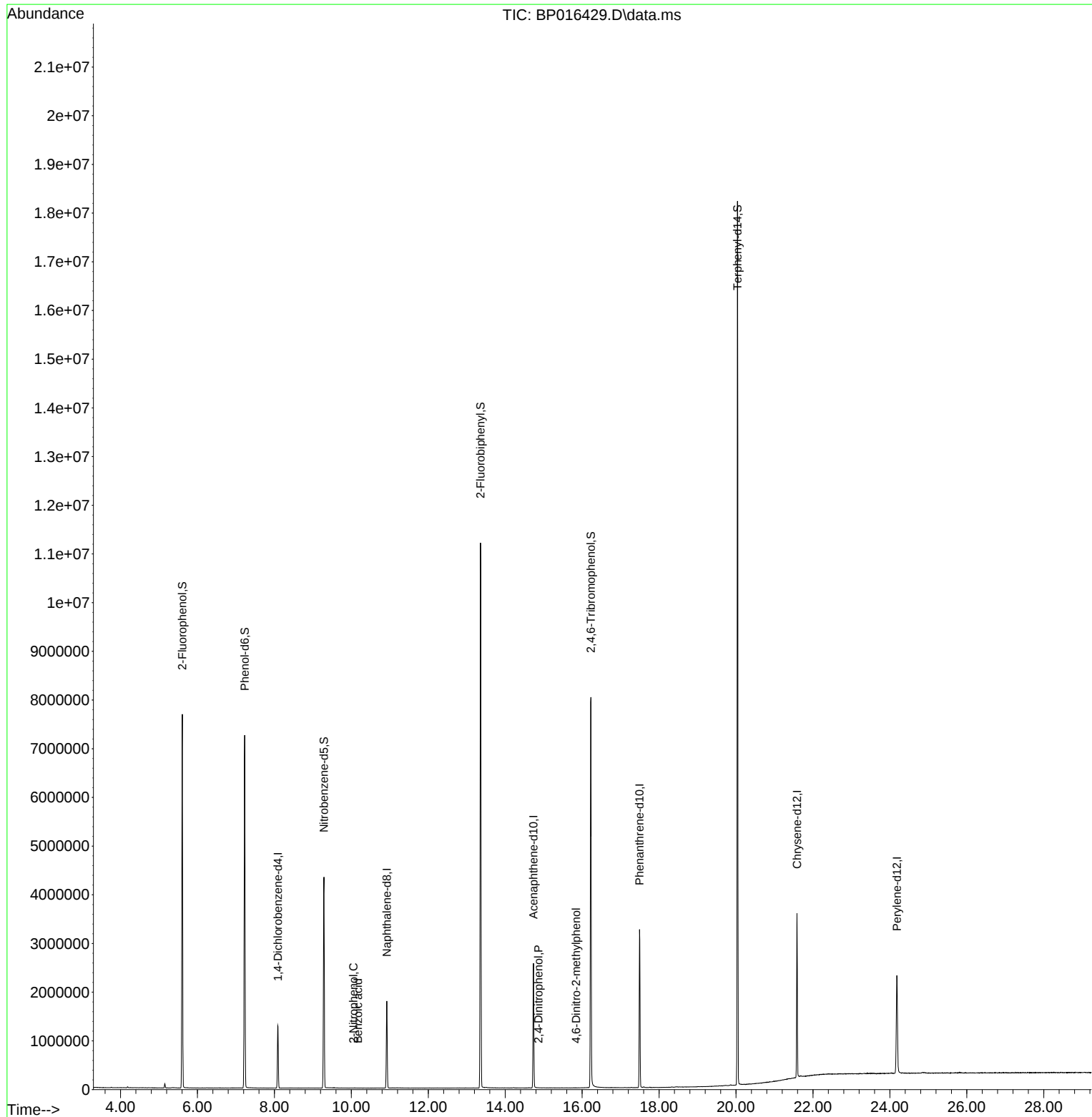
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	344193	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1404395	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	840121	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	1884063	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1526215	20.000	ng	0.00
86) Perylene-d12	24.180	264	1578462	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3422788	162.234	ng	0.00
7) Phenol-d6	7.228	99	4396398	152.028	ng	0.00
23) Nitrobenzene-d5	9.287	82	2536732	101.113	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1533034	124.038	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5753603	98.186	ng	0.00
79) Terphenyl-d14	20.039	244	8537453	118.166	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	8009	Below Cal	#	4
26) 2-Nitrophenol	10.052	139	15	3.127 ng	#	1
32) Benzoic acid	10.169	122	312	6.304 ng	#	7
54) 2,4-Dinitrophenol	14.863	184	38	8.007 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	47	6.306 ng	#	1

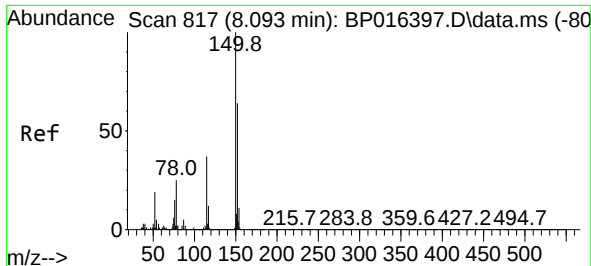
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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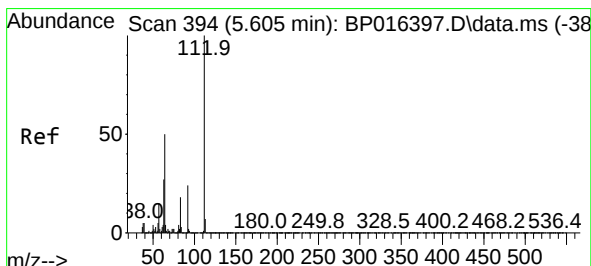
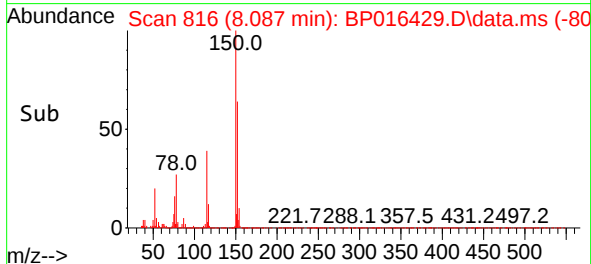
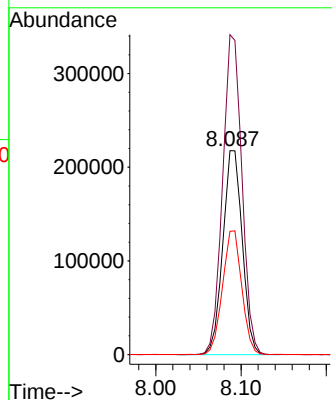
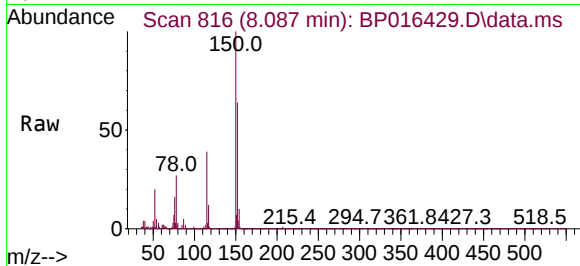




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

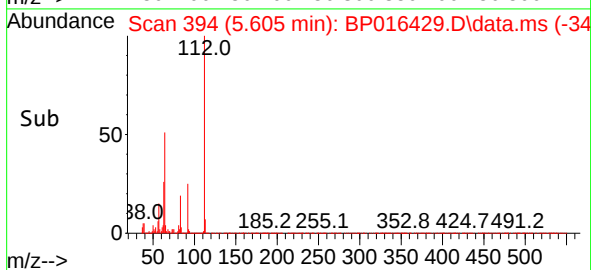
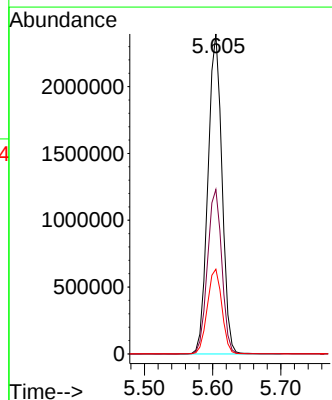
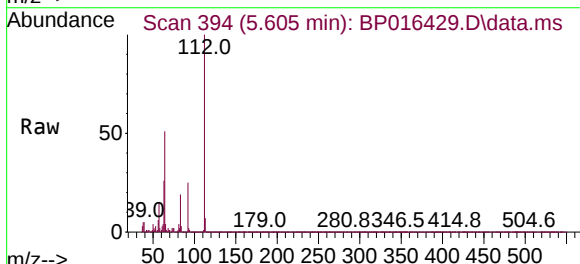
Instrument :
BNA_P
ClientSampleId :
PB154442TB

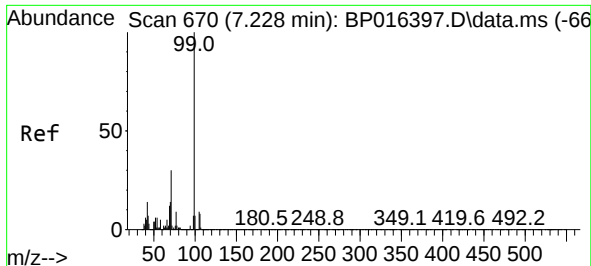
Tgt Ion:152 Resp: 344193
Ion Ratio Lower Upper
152 100
150 157.0 124.9 187.3
115 60.5 46.8 70.2



#5
2-Fluorophenol
Concen: 162.234 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

Tgt Ion:112 Resp: 3422788
Ion Ratio Lower Upper
112 100
64 51.4 40.0 60.0
63 26.5 21.2 31.8

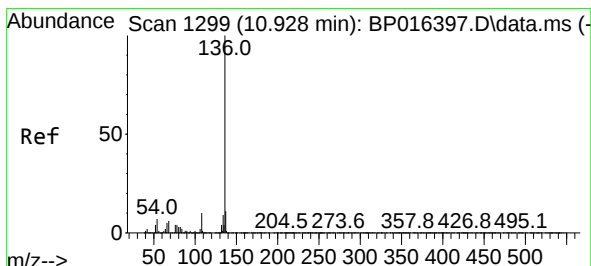
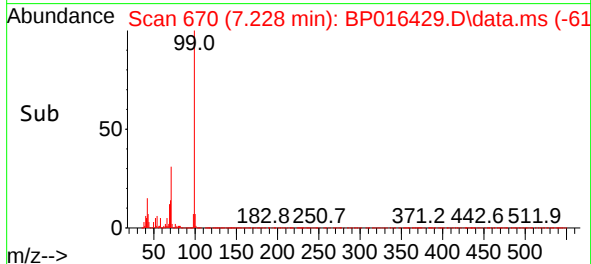
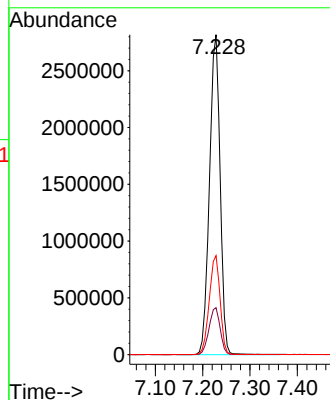
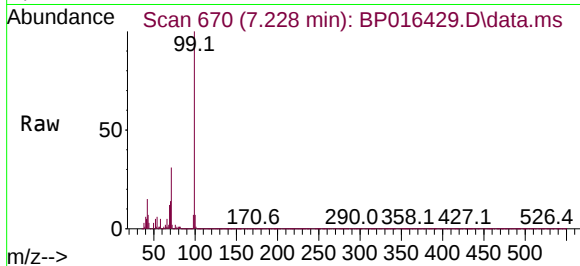




#7
Phenol-d6
Concen: 152.028 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

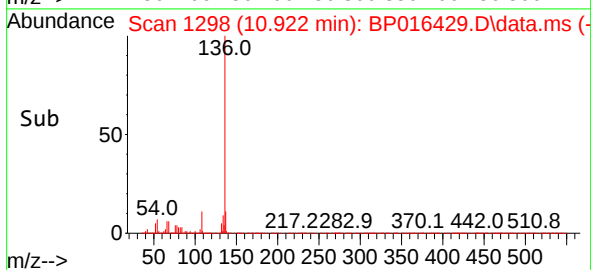
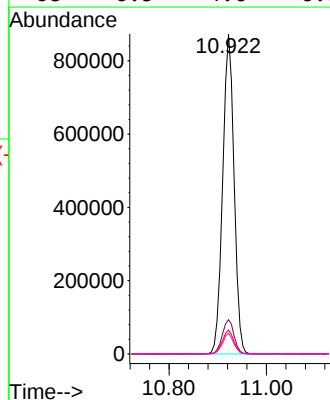
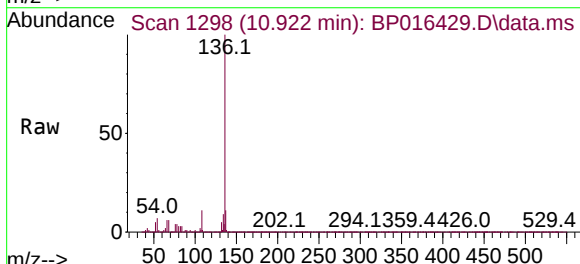
Instrument :
BNA_P
ClientSampleId :
PB154442TB

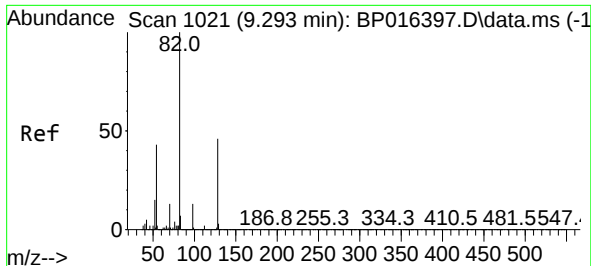
Tgt Ion: 99 Resp: 4396398
Ion Ratio Lower Upper
99 100
42 14.7 11.6 17.4
71 30.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

Tgt Ion:136 Resp: 1404395
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.4 5.6 8.4
68 6.5 4.6 6.8

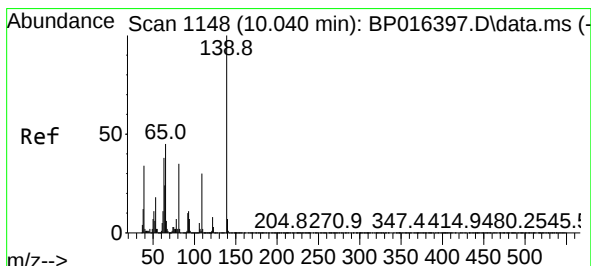
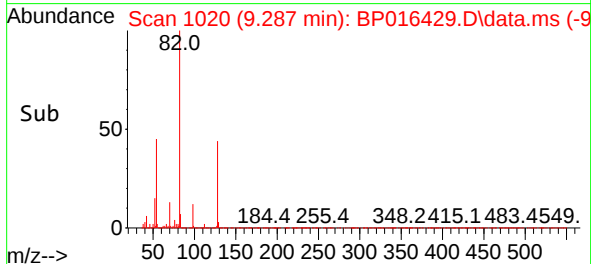
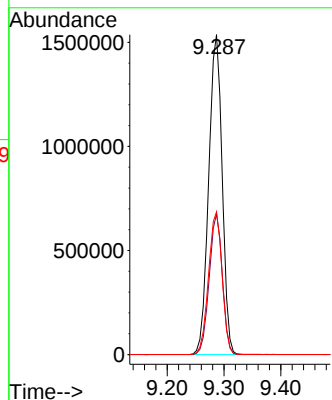
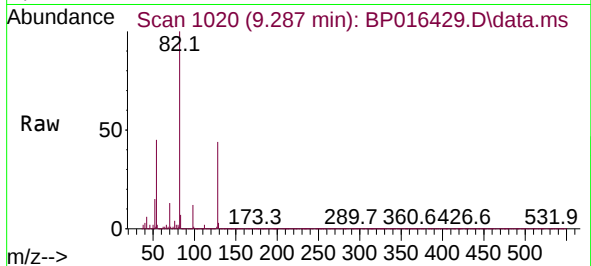




#23
Nitrobenzene-d5
Concen: 101.113 ng
RT: 9.287 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

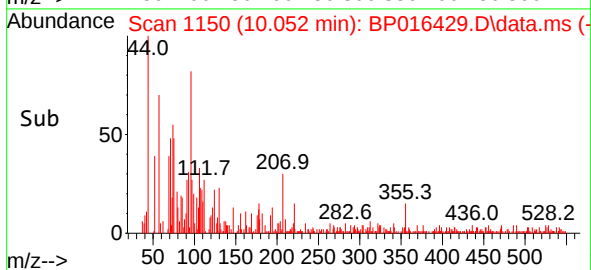
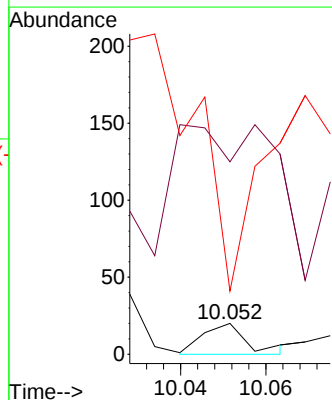
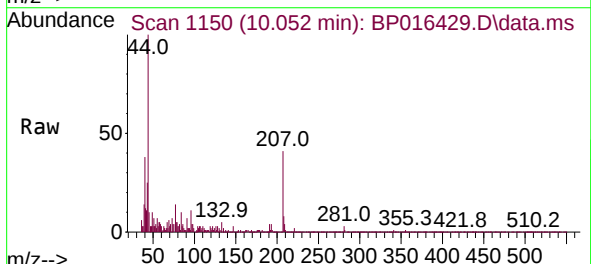
Instrument :
BNA_P
ClientSampleId :
PB154442TB

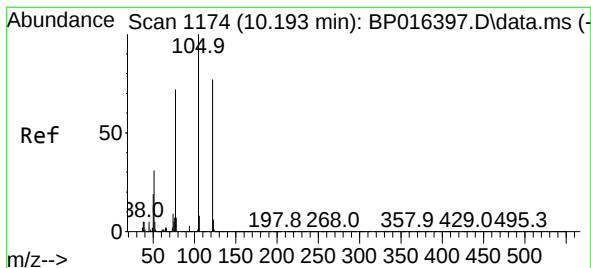
Tgt Ion: 82 Resp: 2536732
Ion Ratio Lower Upper
82 100
128 44.0 36.6 55.0
54 44.6 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.052 min Scan# 1150
Delta R.T. 0.012 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 625.0 24.2 36.4#
65 205.0 35.8 53.6#





#32

Benzoic acid

Concen: 6.304 ng

RT: 10.169 min Scan# 1174

Delta R.T. -0.024 min

Lab File: BP016429.D

Acq: 28 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

PB154442TB

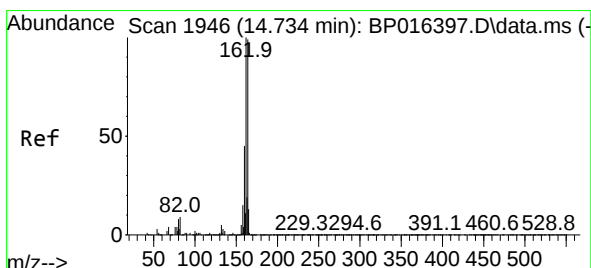
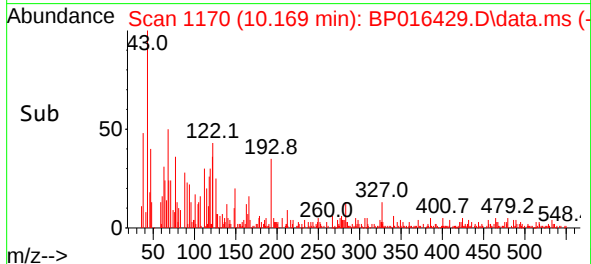
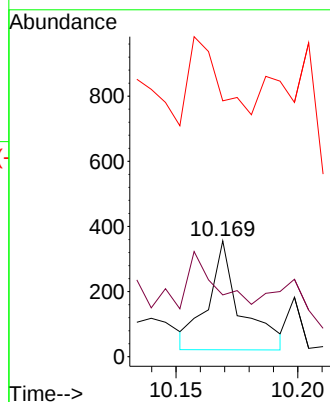
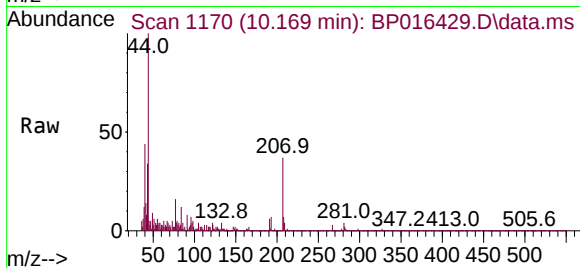
Tgt Ion:122 Resp: 312

Ion Ratio Lower Upper

122 100

105 53.4 105.2 145.2#

77 220.8 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: BP016429.D

Acq: 28 Jul 2023 18:32

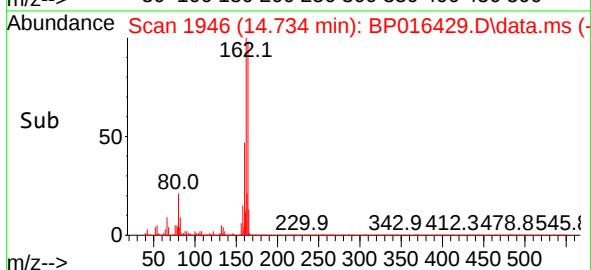
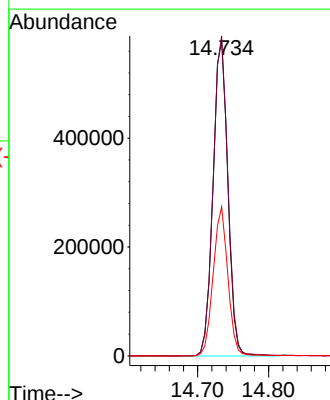
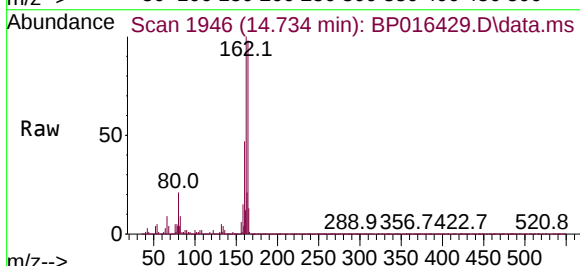
Tgt Ion:164 Resp: 840121

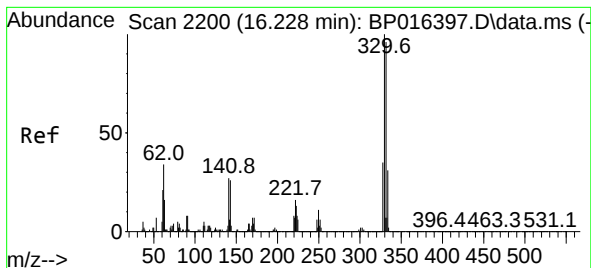
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.6

160 47.3 36.6 55.0

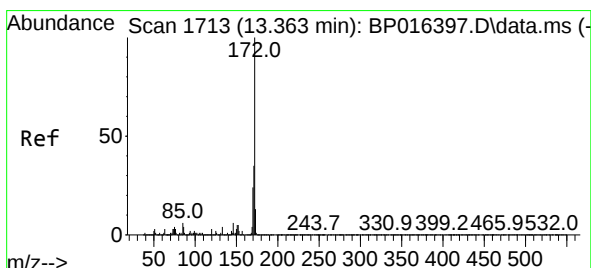
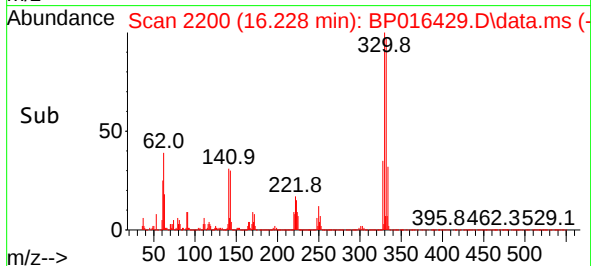
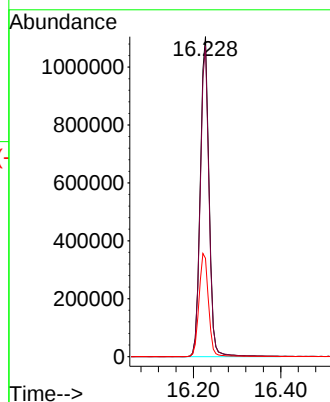
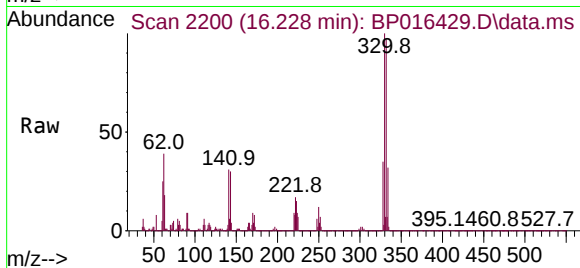




#42
2,4,6-Tribromophenol
Concen: 124.038 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

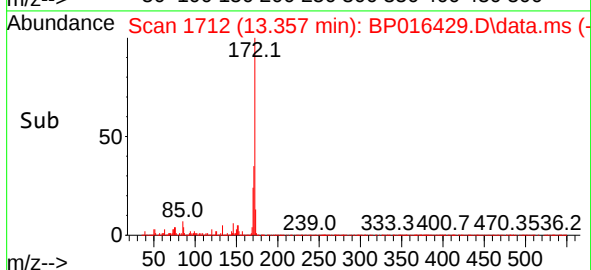
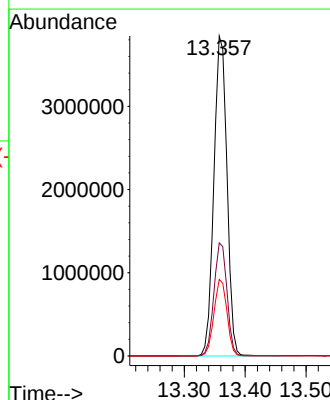
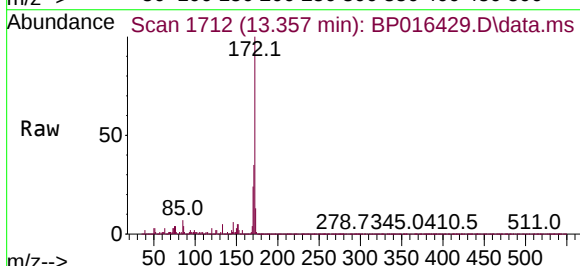
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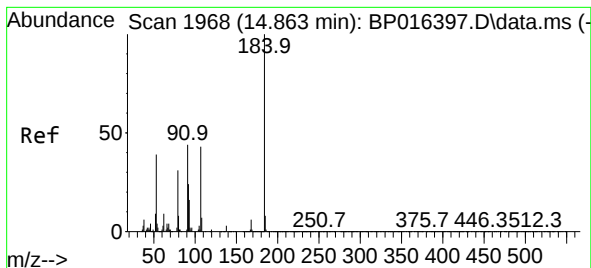
Tgt Ion:330 Resp: 1533034
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 34.9 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 98.186 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

Tgt Ion:172 Resp: 5753603
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.9 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.007 ng

RT: 14.863 min Scan# 19

Delta R.T. 0.000 min

Lab File: BP016429.D

Acq: 28 Jul 2023 18:32

Instrument :

BNA_P

ClientSampleId :

PB154442TB

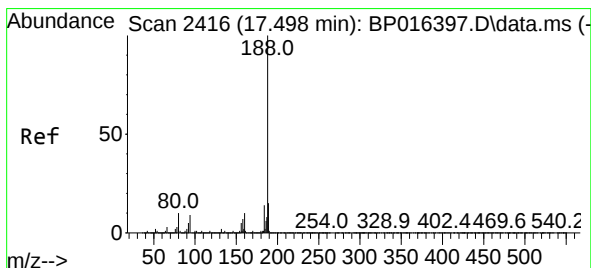
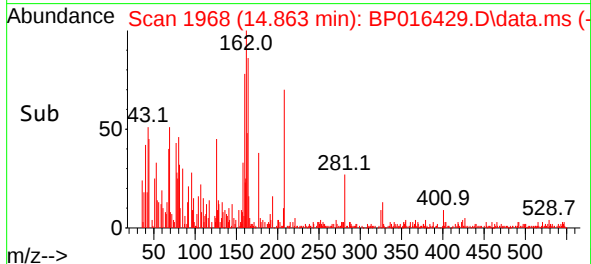
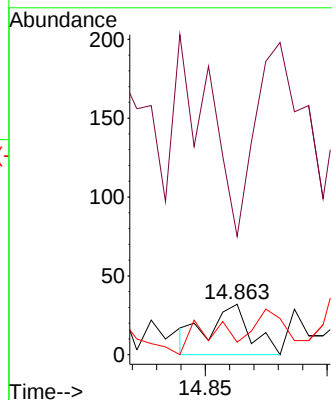
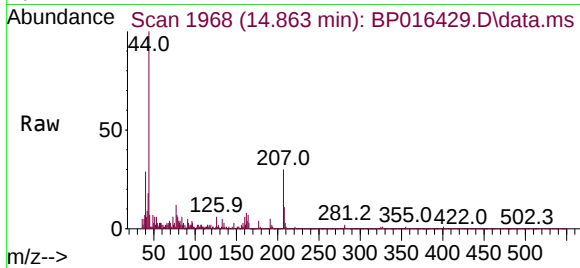
Tgt Ion:184 Resp: 38

Ion Ratio Lower Upper

184 100

63 234.4 48.2 72.4#

154 25.0 49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016429.D

Acq: 28 Jul 2023 18:32

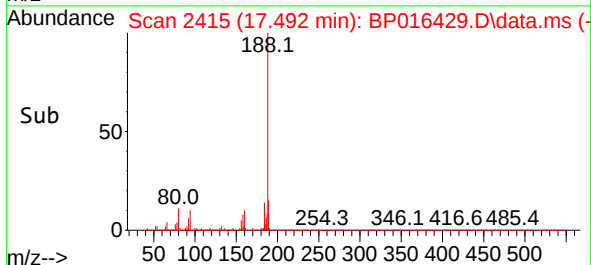
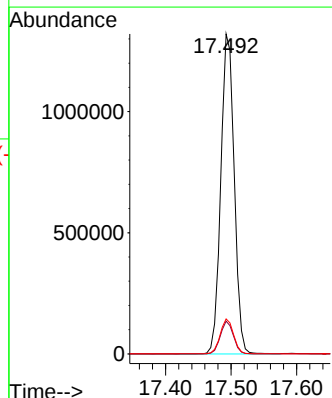
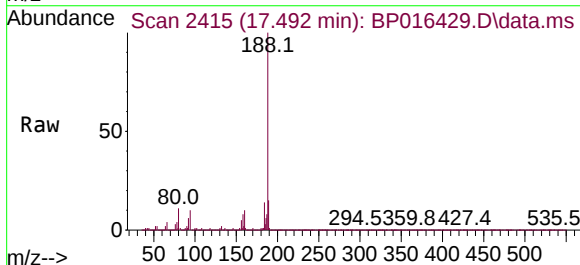
Tgt Ion:188 Resp: 1884063

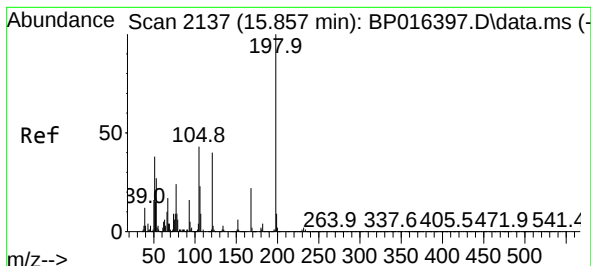
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 10.9 7.8 11.8

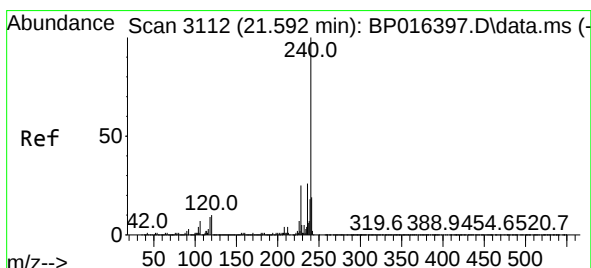
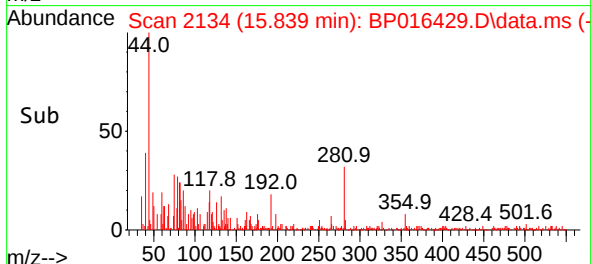
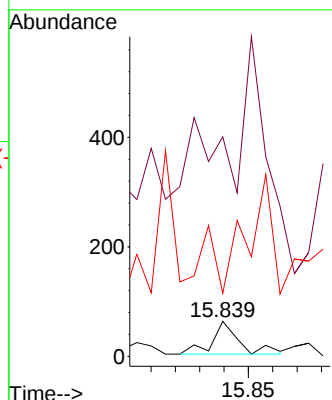
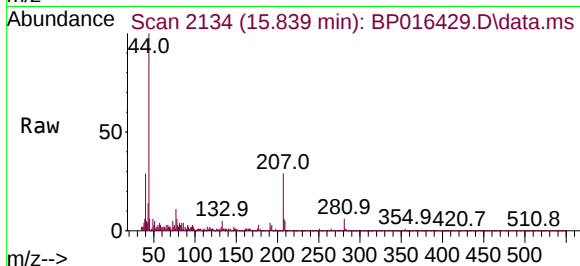




#65
4,6-Dinitro-2-methylphenol
Concen: 6.306 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

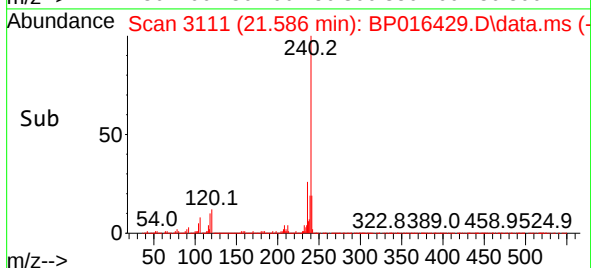
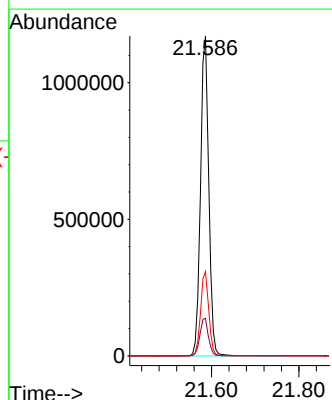
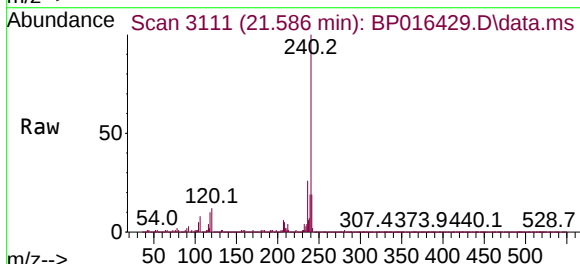
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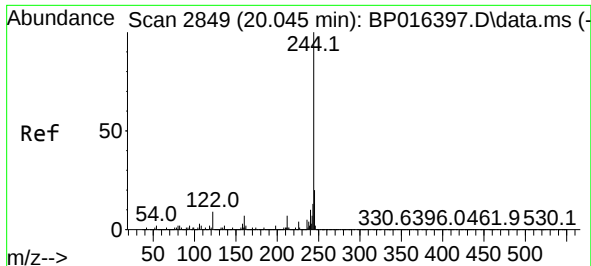
Tgt Ion:198 Resp: 47
Ion Ratio Lower Upper
198 100
51 626.6 20.1 60.1#
105 179.7 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016429.D
Acq: 28 Jul 2023 18:32

Tgt Ion:240 Resp: 1526215
Ion Ratio Lower Upper
240 100
120 11.8 7.9 11.9
236 26.4 21.1 31.7

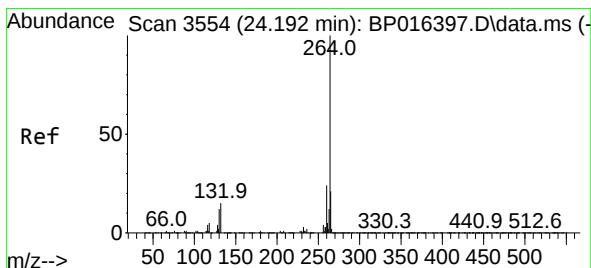
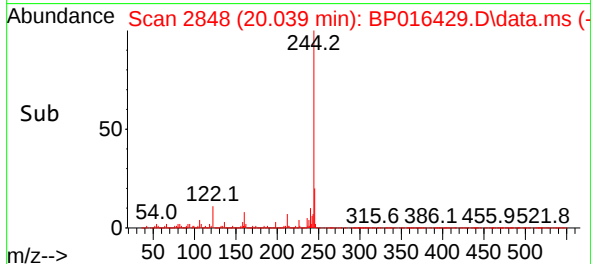
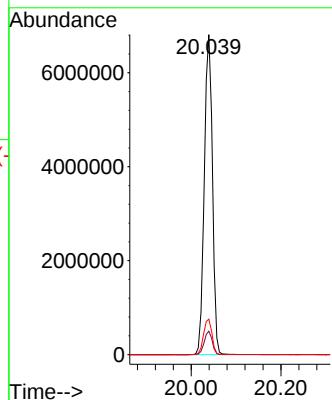
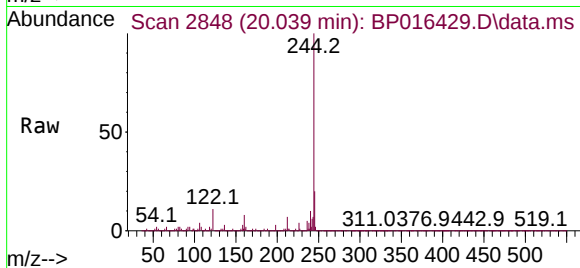




#79
 Terphenyl-d14
 Concen: 118.166 ng
 RT: 20.039 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BP016429.D
 Acq: 28 Jul 2023 18:32

Instrument :
 BNA_P
 ClientSampleId :
 PB154442TB

Tgt Ion:244 Resp: 8537453
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.1 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: BP016429.D
 Acq: 28 Jul 2023 18:32

Tgt Ion:264 Resp: 1578462
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.6 17.4 26.0

