

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
 Data File : BP016427.D
 Acq On : 28 Jul 2023 17:23
 Operator : MA/JU
 Sample : PB154510BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB154510BL

Quant Time: Jul 29 00:47:47 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)

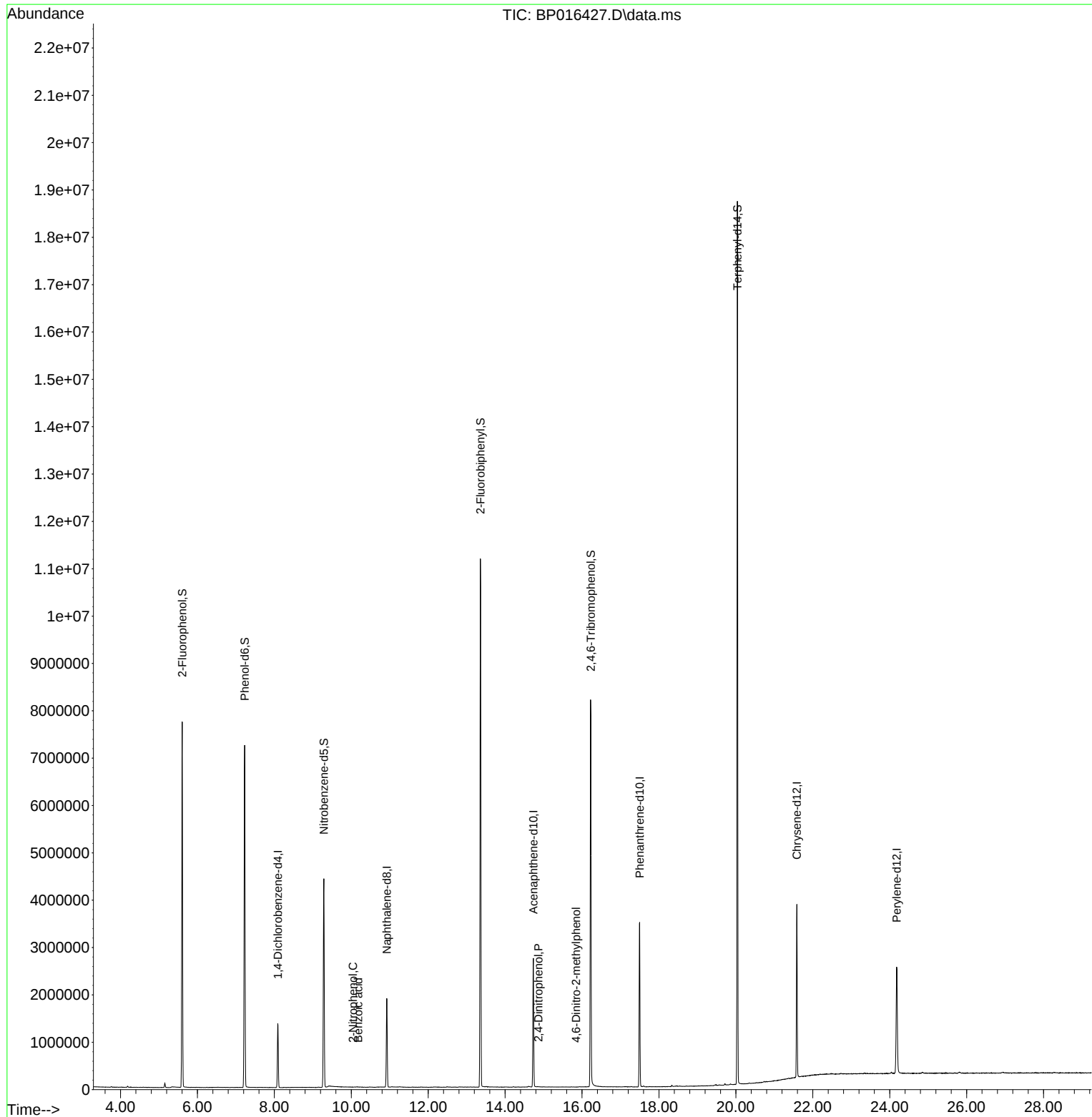
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	364466	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1502986	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	898096	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1998637	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1680689	20.000	ng	0.00
86) Perylene-d12	24.180	264	1745137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3441092	154.029	ng	0.00
7) Phenol-d6	7.228	99	4435099	144.836	ng	0.00
23) Nitrobenzene-d5	9.287	82	2537412	94.506	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1546423	117.044	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	5735695	91.562	ng	0.00
79) Terphenyl-d14	20.039	244	8601231	108.107	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.228	77	9340	Below Cal	#	4
26) 2-Nitrophenol	10.046	139	83	3.132 ng	#	1
32) Benzoic acid	10.181	122	250	6.300 ng	#	1
54) 2,4-Dinitrophenol	14.869	184	59	8.010 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.845	198	62	6.307 ng	#	1

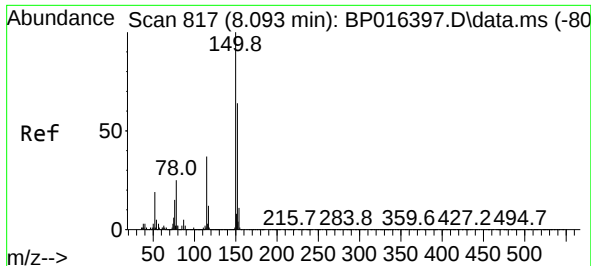
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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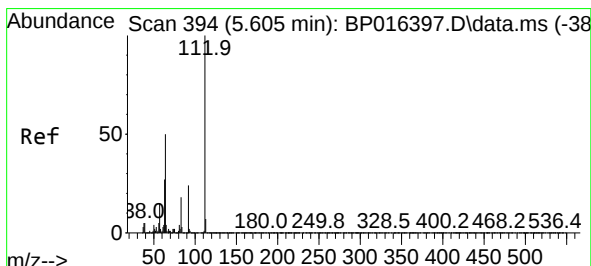
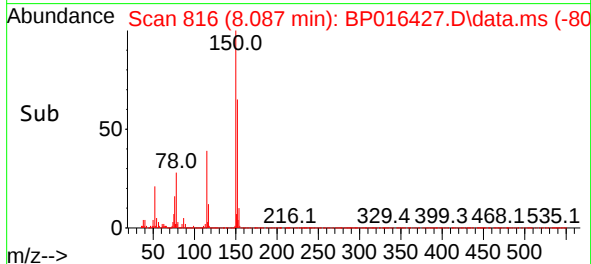
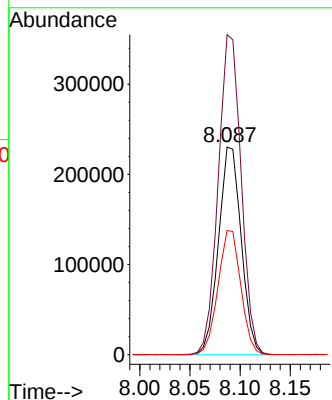
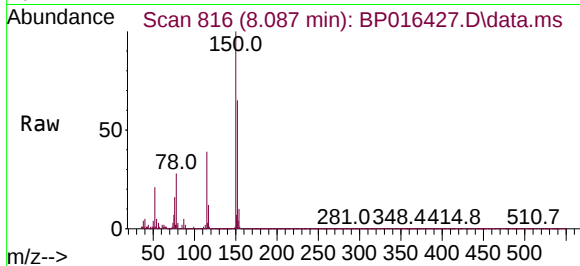




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

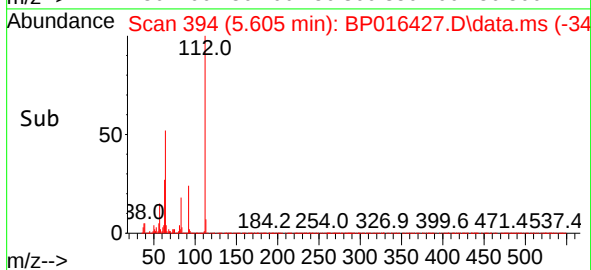
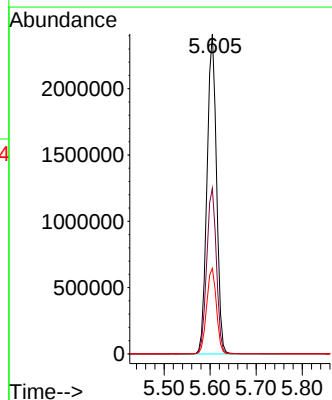
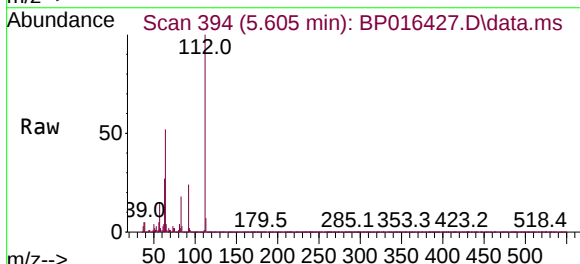
Instrument :
BNA_P
ClientSampleId :
PB154510BL

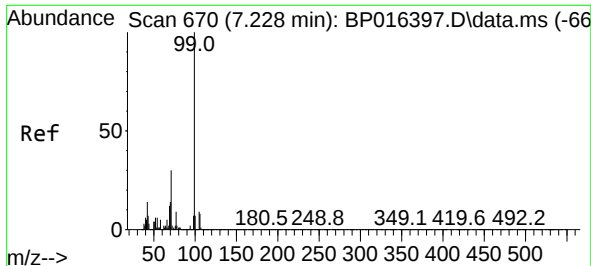
Tgt Ion:152 Resp: 364466
Ion Ratio Lower Upper
152 100
150 154.2 124.9 187.3
115 59.8 46.8 70.2



#5
2-Fluorophenol
Concen: 154.029 ng
RT: 5.605 min Scan# 394
Delta R.T. -0.000 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion:112 Resp: 3441092
Ion Ratio Lower Upper
112 100
64 51.8 40.0 60.0
63 26.7 21.2 31.8



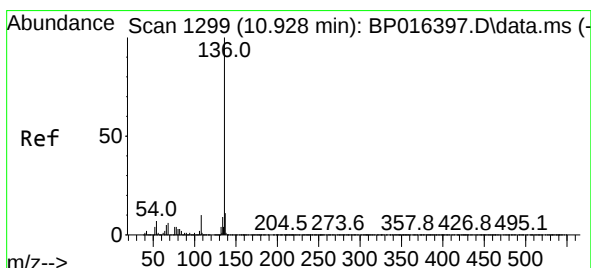
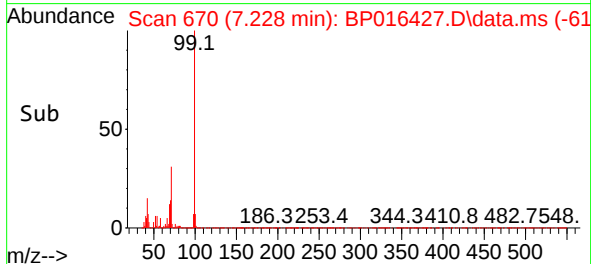
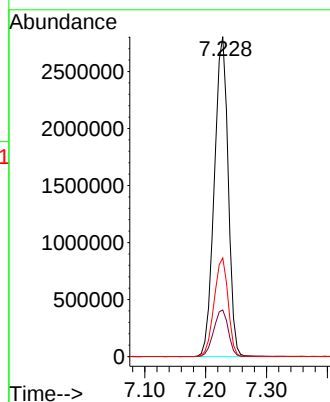
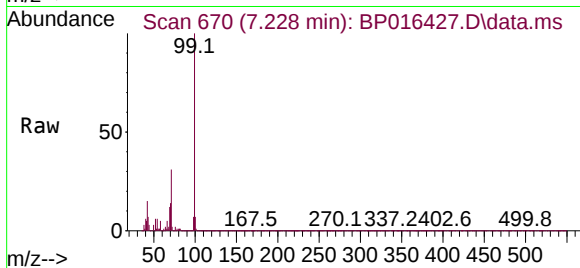


#7
Phenol-d6
Concen: 144.836 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Instrument :
BNA_P
ClientSampleId :
PB154510BL

Tgt Ion: 99 Resp: 4435099

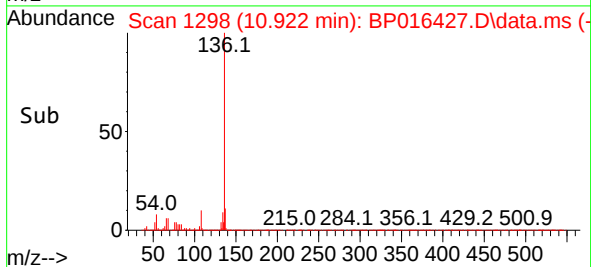
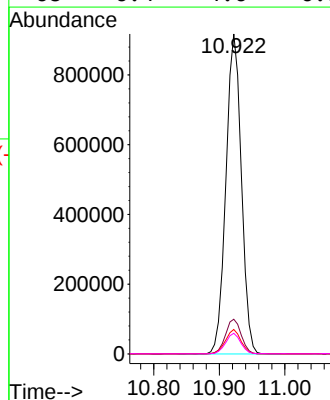
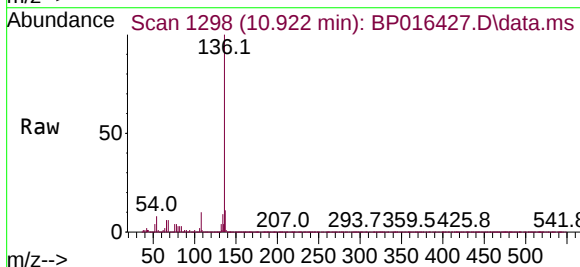
Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.6	17.4
71	30.8	24.3	36.5

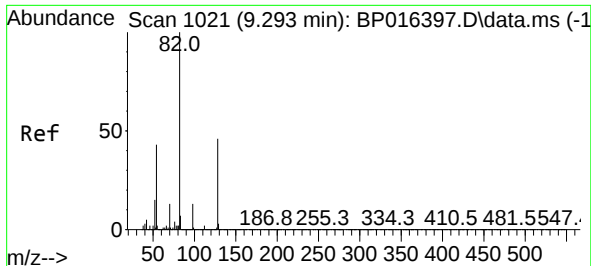


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion:136 Resp: 1502986

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.6	5.6	8.4
68	6.4	4.6	6.8

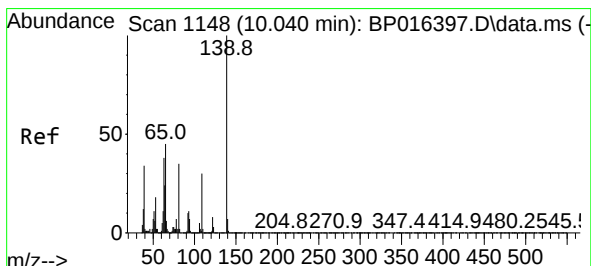
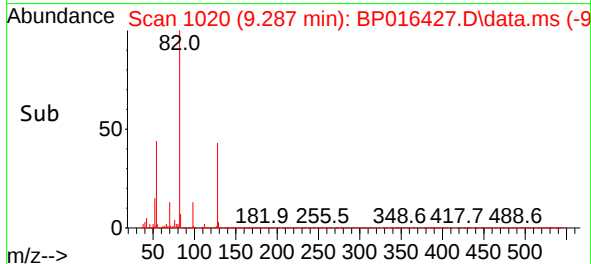
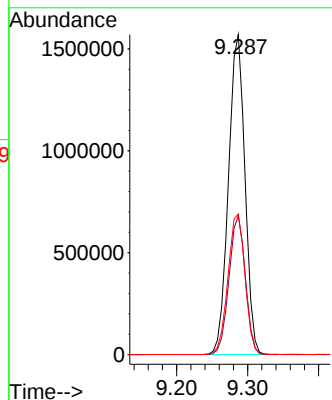
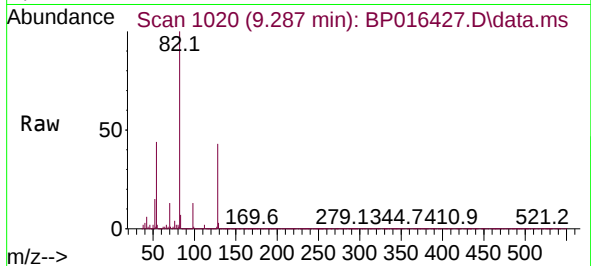




#23
Nitrobenzene-d5
Concen: 94.506 ng
RT: 9.287 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

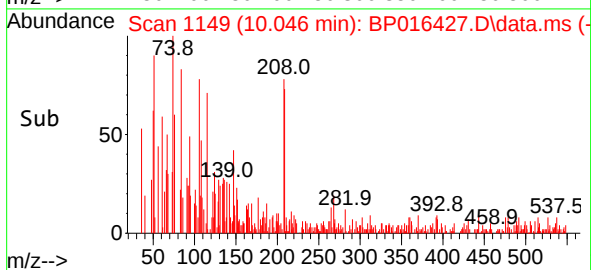
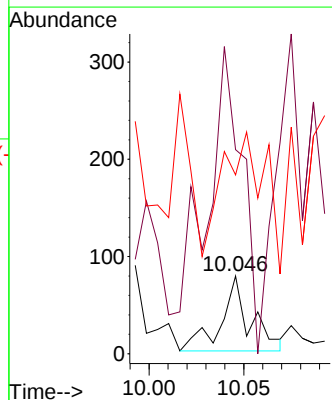
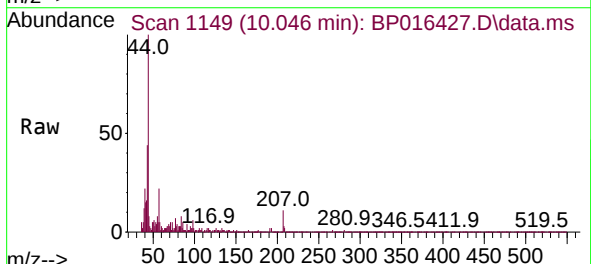
Instrument :
BNA_P
ClientSampleId :
PB154510BL

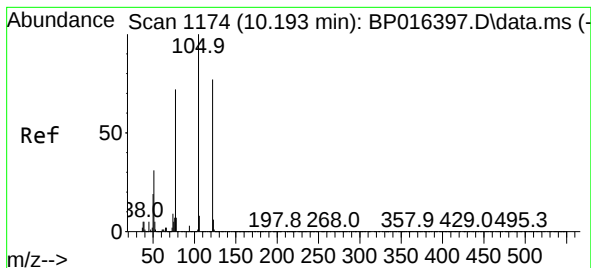
Tgt Ion: 82 Resp: 2537412
Ion Ratio Lower Upper
82 100
128 43.4 36.6 55.0
54 43.9 34.5 51.7



#26
2-Nitrophenol
Concen: 3.132 ng
RT: 10.046 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion: 139 Resp: 83
Ion Ratio Lower Upper
139 100
109 241.4 24.2 36.4#
65 211.5 35.8 53.6#

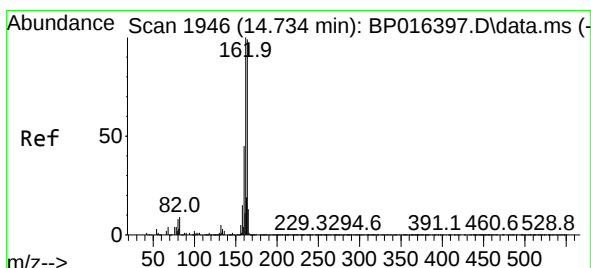
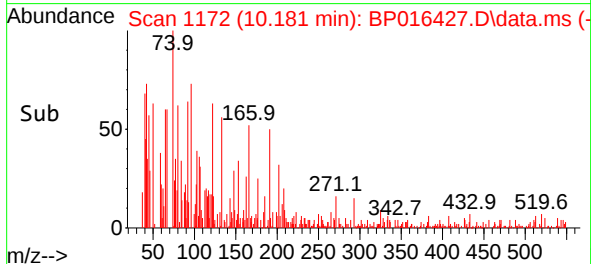
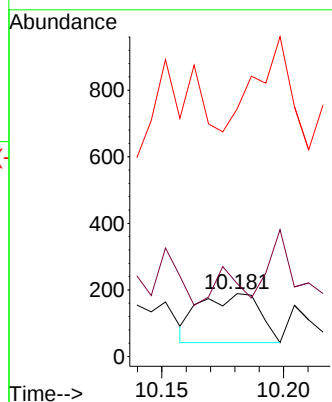
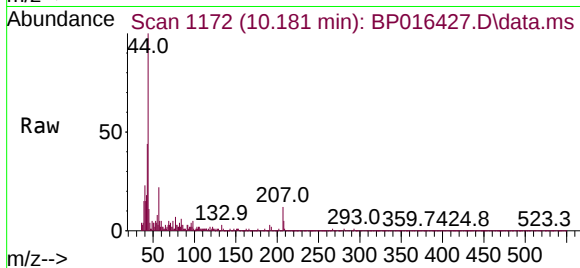




#32
Benzoic acid
Concen: 6.300 ng
RT: 10.181 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

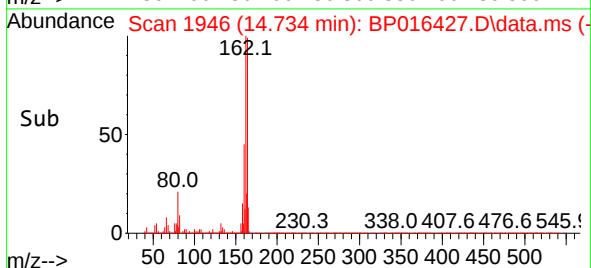
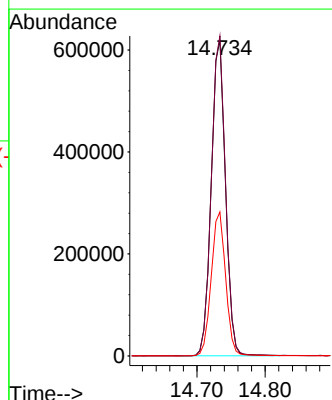
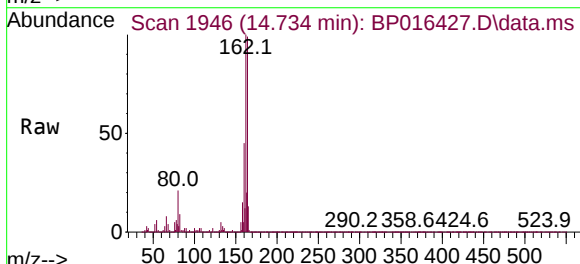
Instrument :
BNA_P
ClientSampleId :
PB154510BL

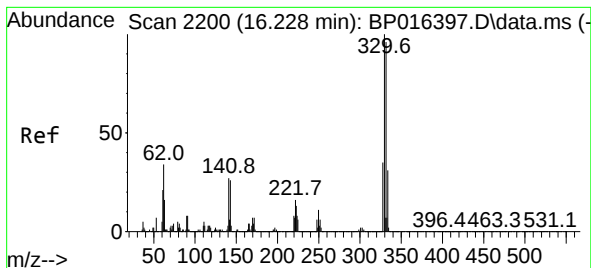
Tgt Ion:122 Resp: 250
Ion Ratio Lower Upper
122 100
105 115.9 105.2 145.2
77 393.7 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion:164 Resp: 898096
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.6
160 45.5 36.6 55.0

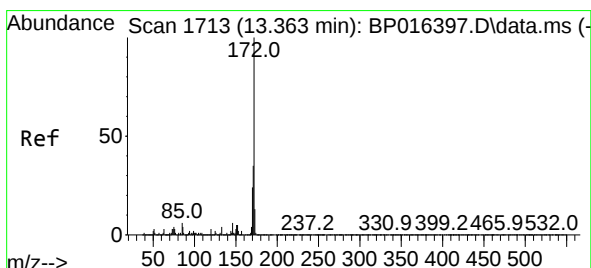
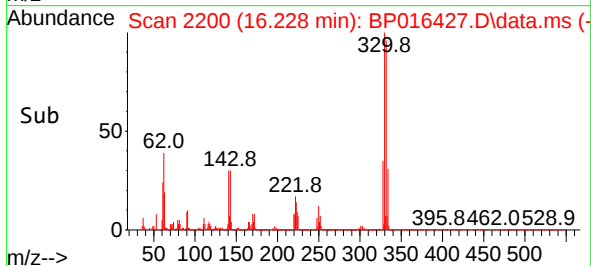
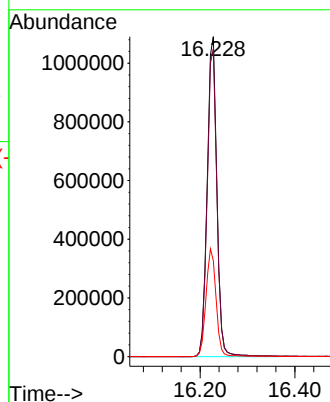
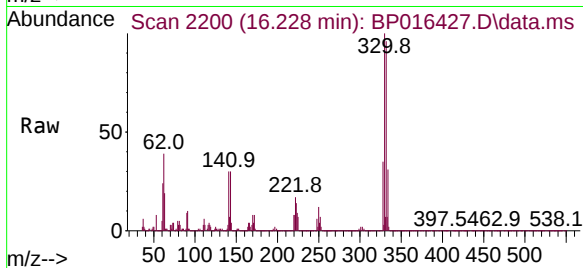




#42
2,4,6-Tribromophenol
Concen: 117.044 ng
RT: 16.228 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

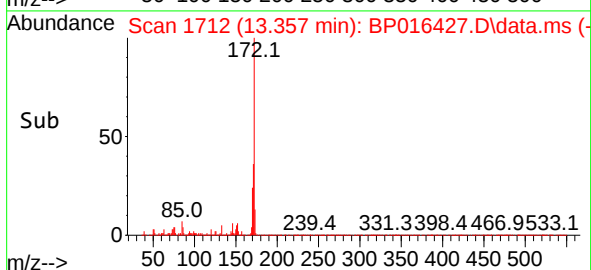
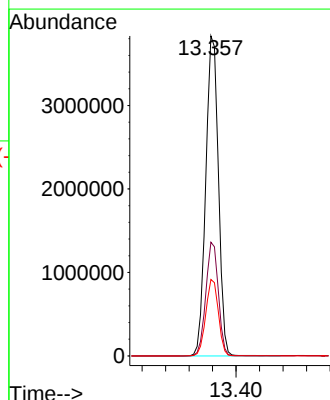
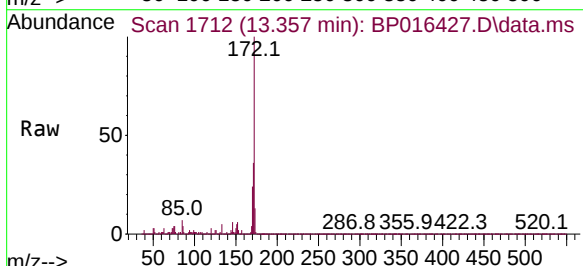
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BNA_P
ClientSampleId :
PB154510BL

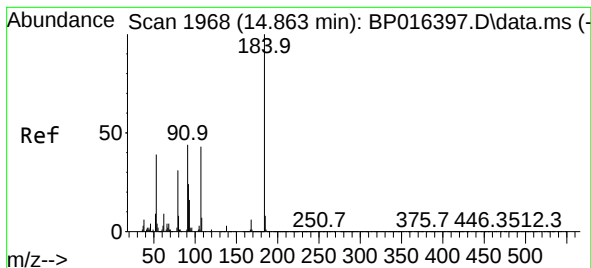
Tgt Ion:330 Resp: 1546423
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 35.3 22.6 34.0#



#45
2-Fluorobiphenyl
Concen: 91.562 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion:172 Resp: 5735695
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.9 19.1 28.7





#54

2,4-Dinitrophenol

Concen: 8.010 ng

RT: 14.869 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP016427.D

Acq: 28 Jul 2023 17:23

Instrument :

BNA_P

ClientSampleId :

PB154510BL

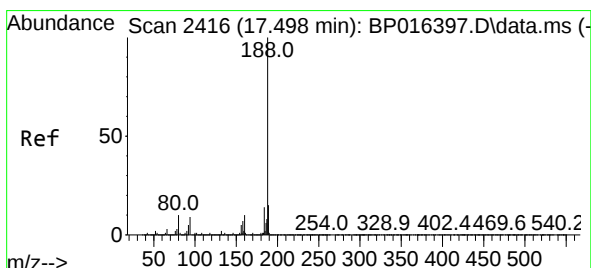
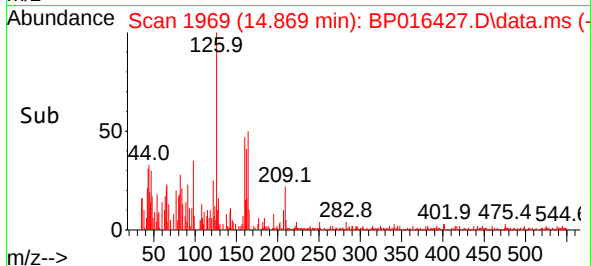
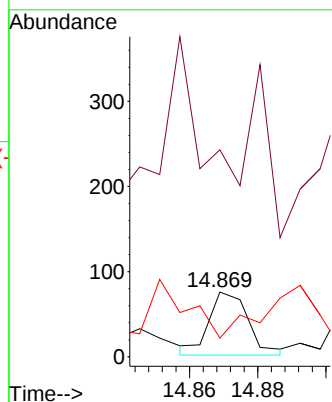
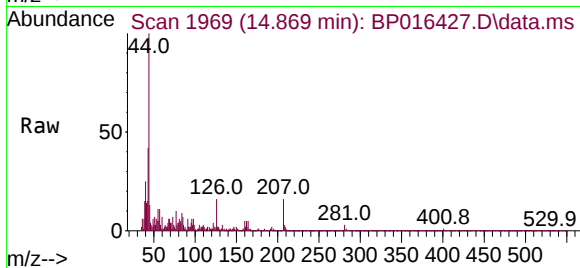
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 319.7 48.2 72.4#

154 28.9 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: BP016427.D

Acq: 28 Jul 2023 17:23

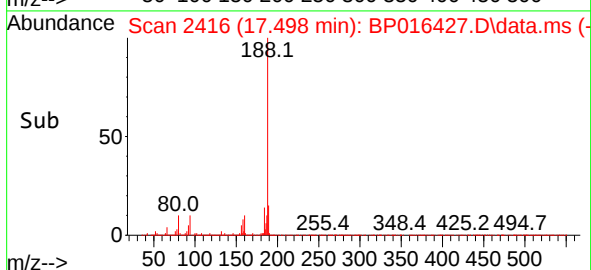
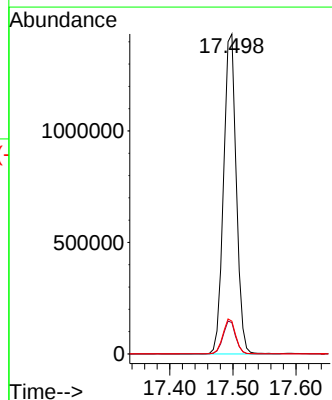
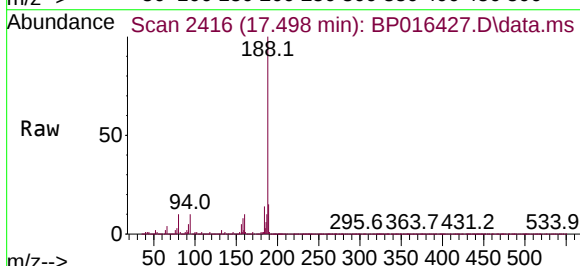
Tgt Ion:188 Resp: 1998637

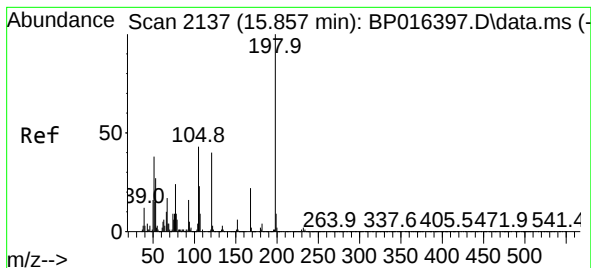
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.2 7.8 11.8

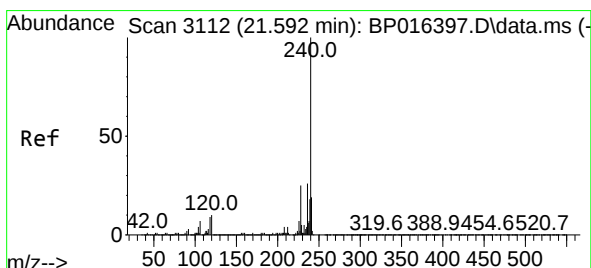
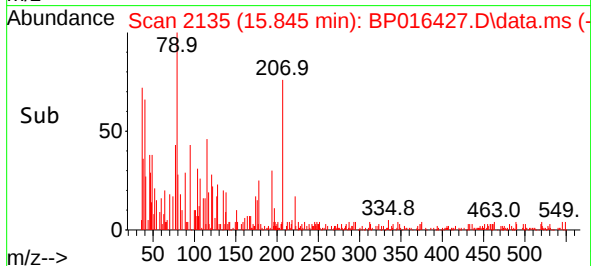
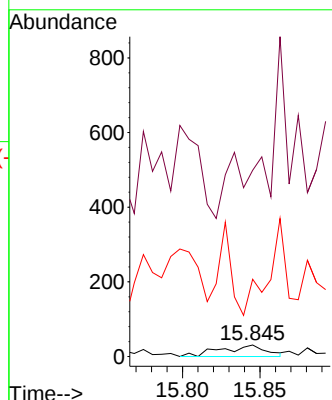
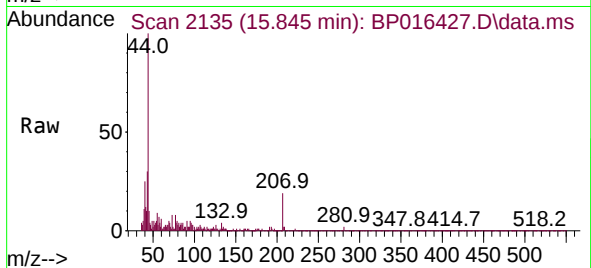




#65
4,6-Dinitro-2-methylphenol
Concen: 6.307 ng
RT: 15.845 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

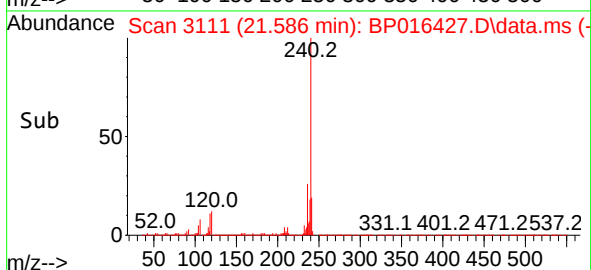
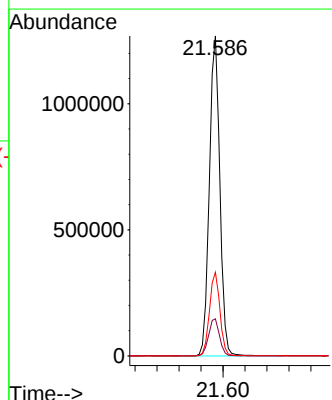
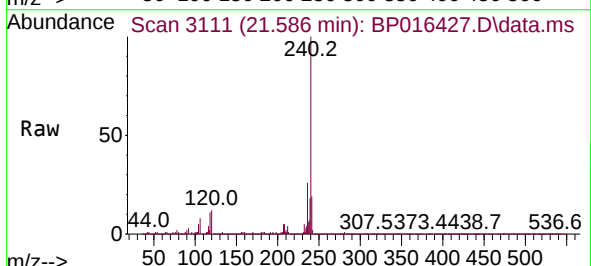
Instrument :
BNA_P
ClientSampleId :
PB154510BL

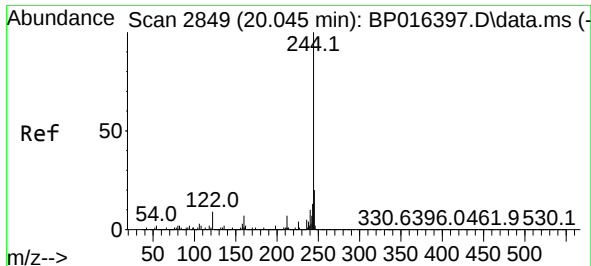
Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 1609.7 20.1 60.1#
105 1135.5 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016427.D
Acq: 28 Jul 2023 17:23

Tgt Ion:240 Resp: 1680689
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 26.1 21.1 31.7

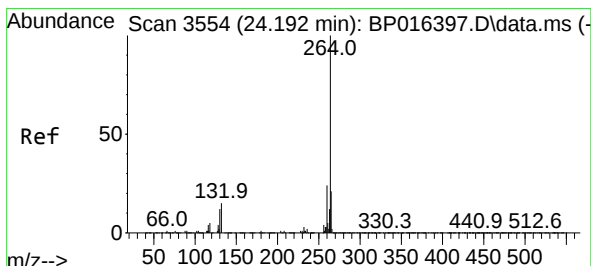
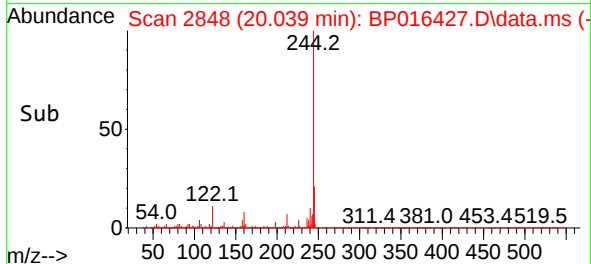
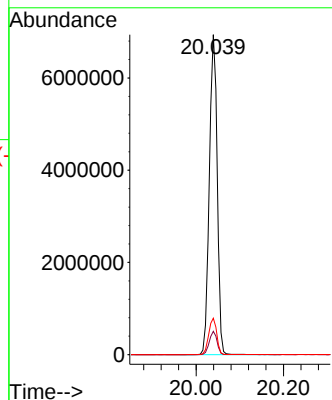
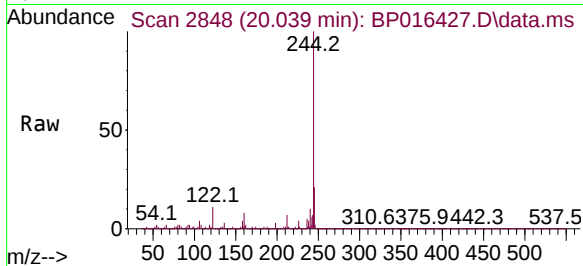




#79
 Terphenyl-d14
 Concen: 108.107 ng
 RT: 20.039 min Scan# 2849
 Delta R.T. -0.006 min
 Lab File: BP016427.D
 Acq: 28 Jul 2023 17:23

Instrument :
 BNA_P
 ClientSampleId :
 PB154510BL

Tgt Ion:244 Resp: 8601231
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.4 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: BP016427.D
 Acq: 28 Jul 2023 17:23

Tgt Ion:264 Resp: 1745137
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.9 17.4 26.0

