

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
 Data File : BP016474.D
 Acq On : 02 Aug 2023 18:11
 Operator : MA/JU
 Sample : 03831-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 02 21:48:05 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)

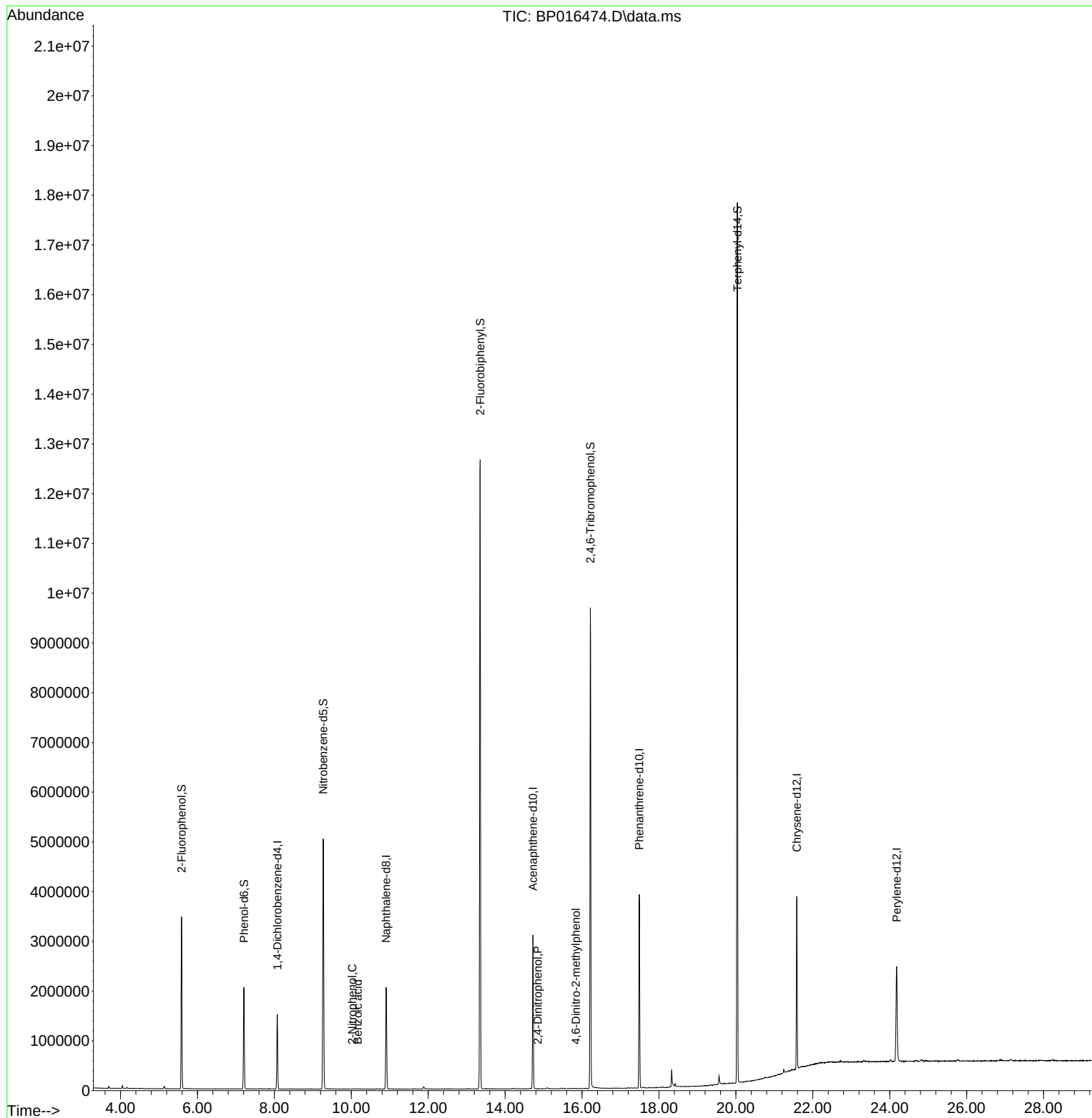
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	396674	20.000	ng	-0.02
21) Naphthalene-d8	10.904	136	1697853	20.000	ng	-0.02
39) Acenaphthene-d10	14.722	164	1026413	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	2224144	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	1638852	20.000	ng	0.00
86) Perylene-d12	24.180	264	1507215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1515653	62.335	ng	-0.02
7) Phenol-d6	7.210	99	1201704	36.057	ng	-0.02
23) Nitrobenzene-d5	9.269	82	2991092	98.617	ng	-0.02
42) 2,4,6-Tribromophenol	16.216	330	1848318	122.405	ng	-0.01
45) 2-Fluorobiphenyl	13.351	172	6707043	93.683	ng	-0.01
79) Terphenyl-d14	20.039	244	8663639	111.671	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.205	77	3681	Below Cal	#	8
26) 2-Nitrophenol	10.022	139	19	3.127 ng	#	1
32) Benzoic acid	10.163	122	539	6.312 ng	#	5
54) 2,4-Dinitrophenol	14.845	184	22	8.004 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.839	198	18	6.303 ng	#	1

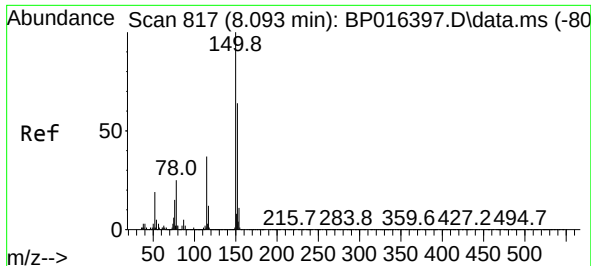
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
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BNA_P
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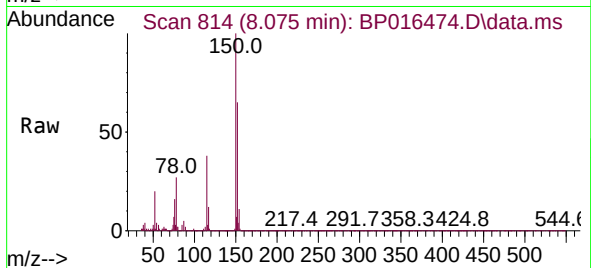
Quant Time: Aug 02 21:48:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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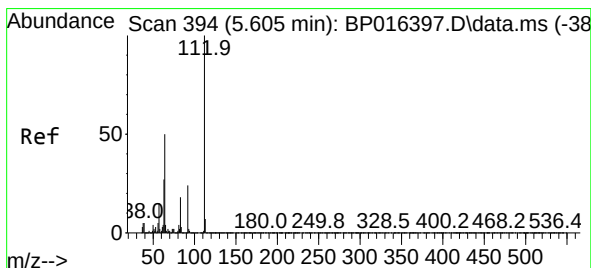
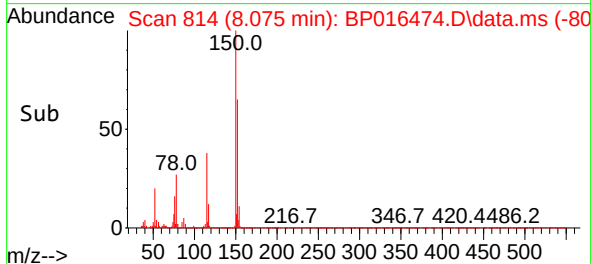
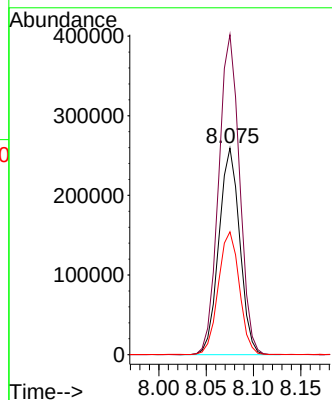


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Instrument :
BNA_P
ClientSampleId :

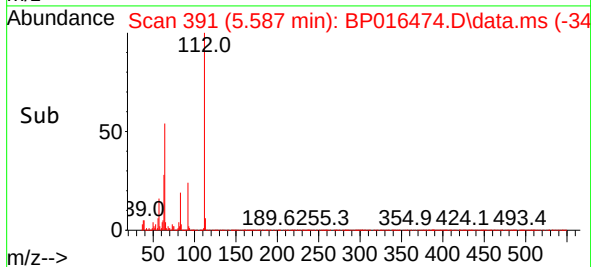
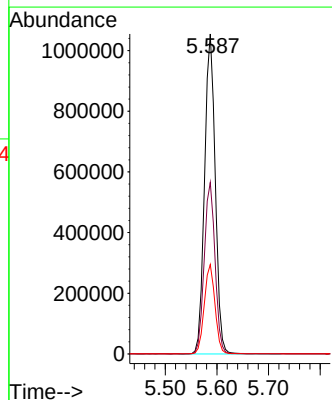
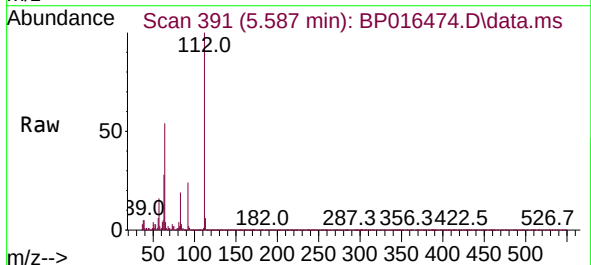


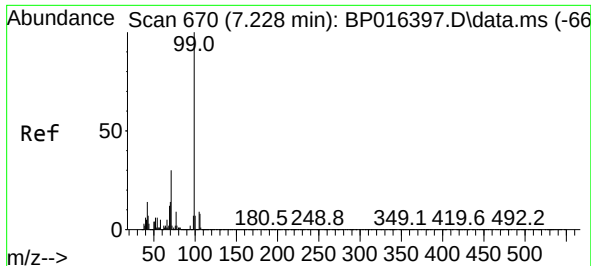
Tgt Ion:152 Resp: 396674
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 59.4 46.8 70.2



#5
2-Fluorophenol
Concen: 62.335 ng
RT: 5.587 min Scan# 391
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

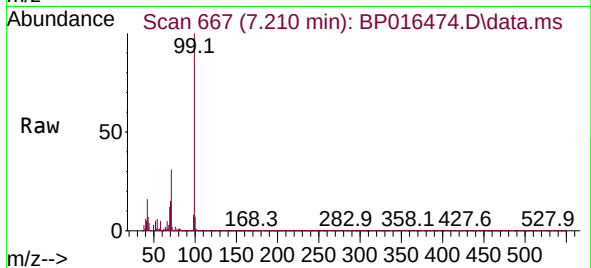
Tgt Ion:112 Resp: 1515653
Ion Ratio Lower Upper
112 100
64 53.6 40.0 60.0
63 27.9 21.2 31.8



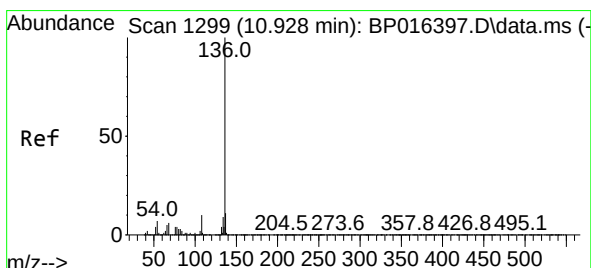
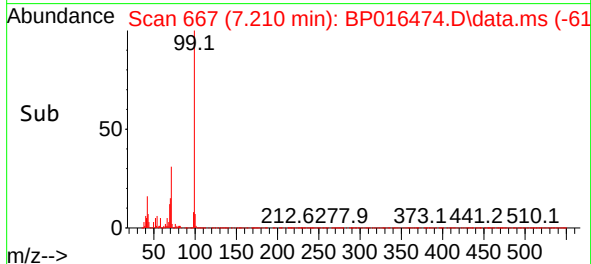
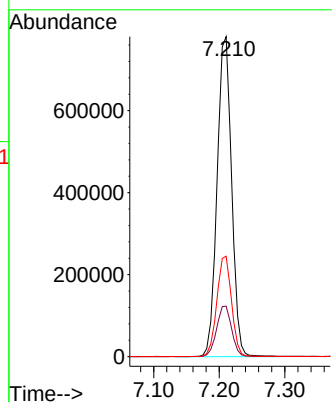


#7
Phenol-d6
Concen: 36.057 ng
RT: 7.210 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Instrument :
BNA_P
ClientSampleId :

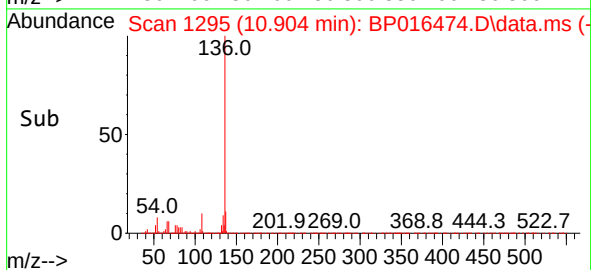
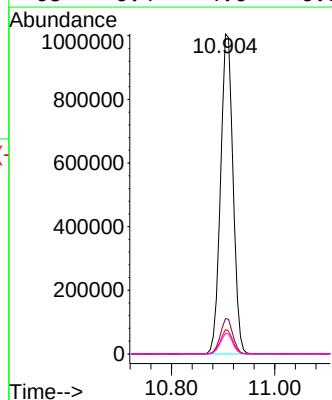
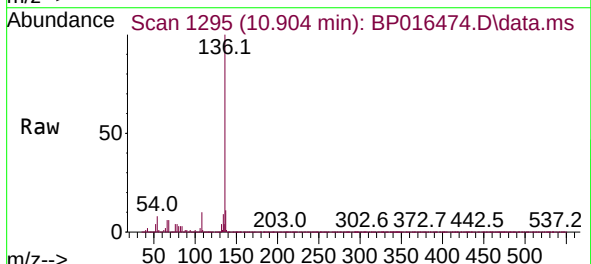


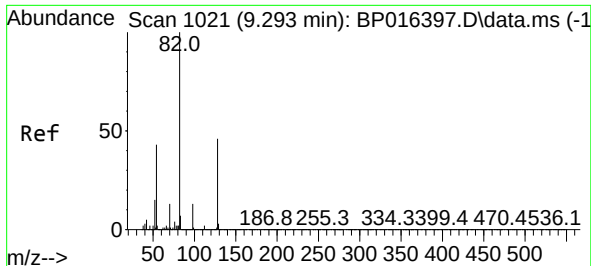
Tgt Ion: 99 Resp: 1201704
Ion Ratio Lower Upper
99 100
42 15.8 11.6 17.4
71 31.4 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 1295
Delta R.T. -0.024 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion: 136 Resp: 1697853
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.6 5.6 8.4
68 6.4 4.6 6.8

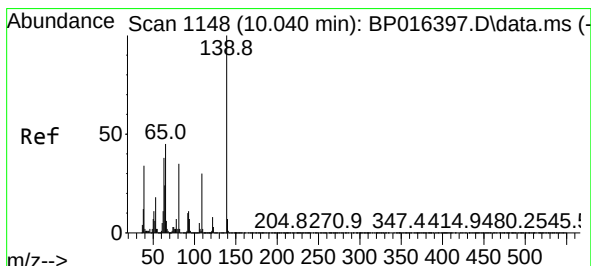
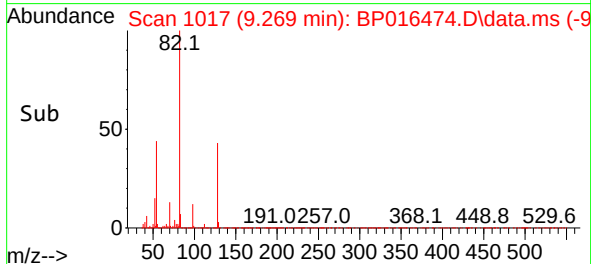
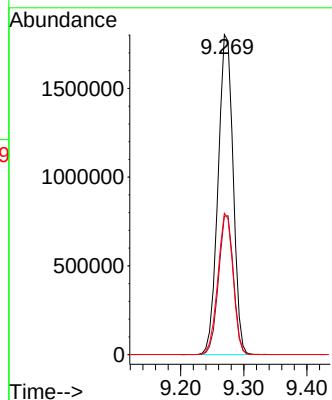
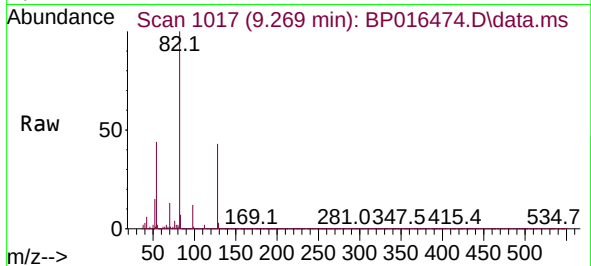




#23
Nitrobenzene-d5
Concen: 98.617 ng
RT: 9.269 min Scan# 10
Delta R.T. -0.024 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

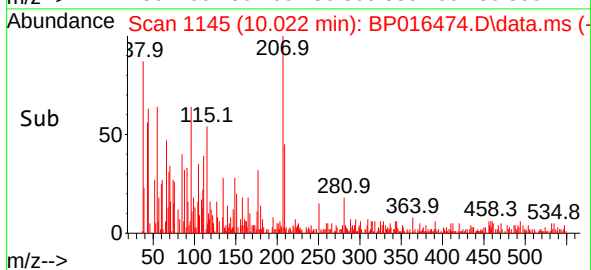
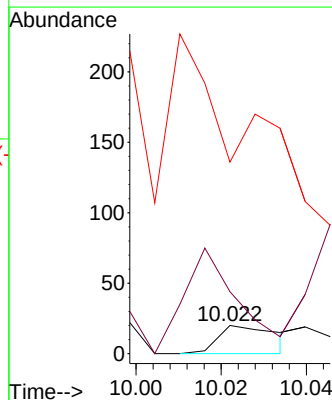
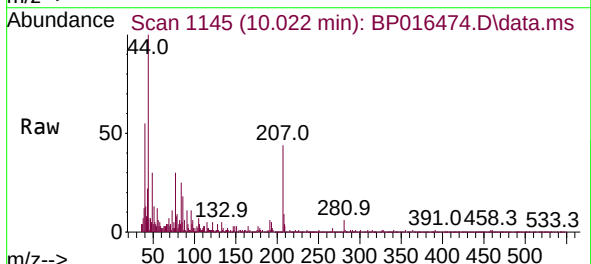
Instrument :
BNA_P
ClientSampleId :

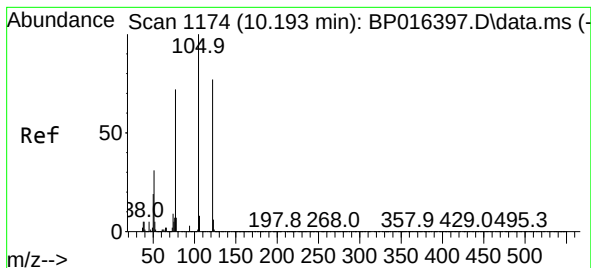
Tgt Ion: 82 Resp: 2991092
Ion Ratio Lower Upper
82 100
128 43.3 36.6 55.0
54 44.2 34.5 51.7



#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.022 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion: 139 Resp: 19
Ion Ratio Lower Upper
139 100
109 220.0 24.2 36.4#
65 680.0 35.8 53.6#





#32

Benzoic acid

Concen: 6.312 ng

RT: 10.163 min Scan# 1169

Delta R.T. -0.030 min

Lab File: BP016474.D

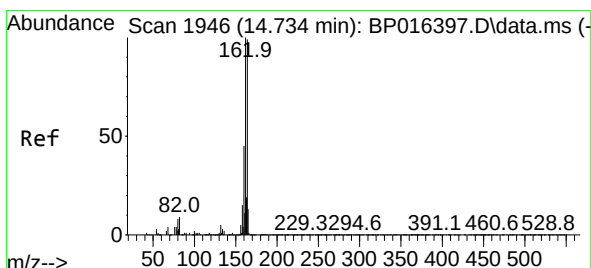
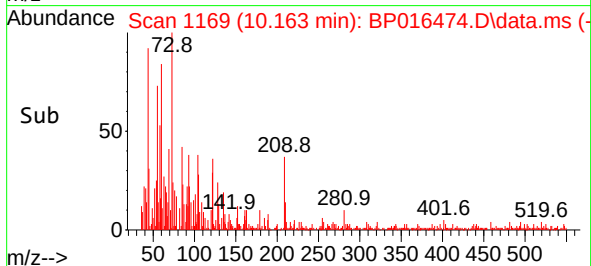
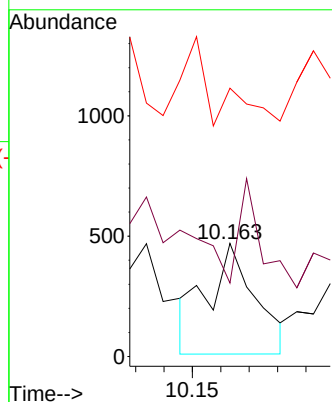
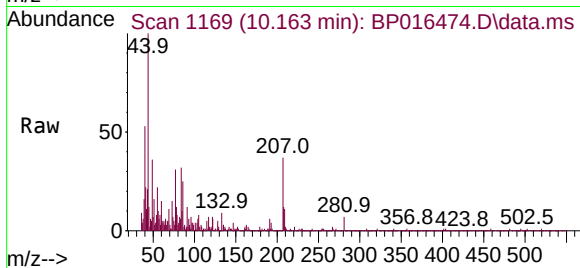
Acq: 02 Aug 2023 18:11

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	122	Resp:	539
Ion Ratio	Lower	Upper	
122	100		
105	64.9	105.2	145.2#
77	237.2	72.2	112.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

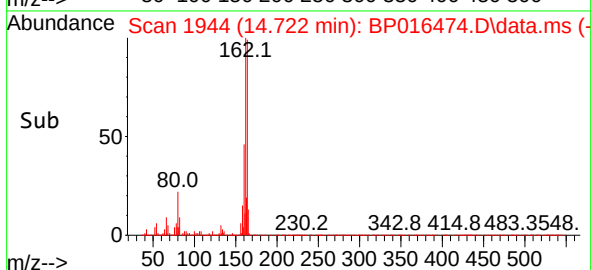
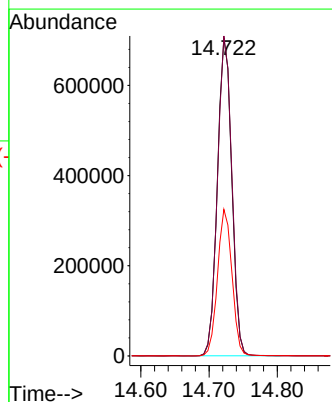
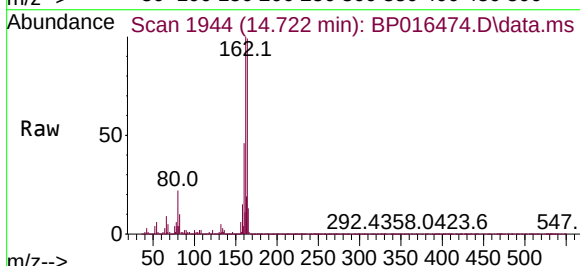
RT: 14.722 min Scan# 1944

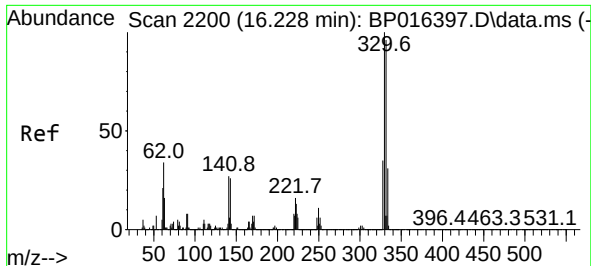
Delta R.T. -0.012 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Tgt Ion:	164	Resp:	1026413
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.0	121.6
160	46.1	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 122.405 ng

RT: 16.216 min Scan# 21

Delta R.T. -0.012 min

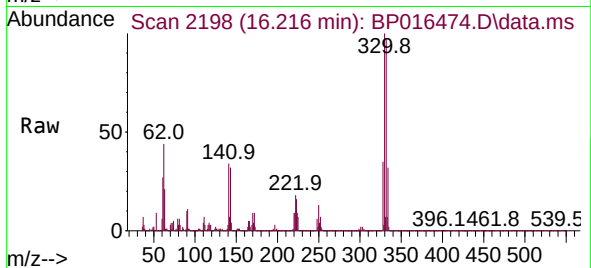
Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Instrument :

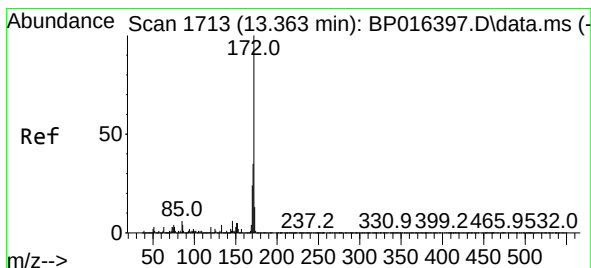
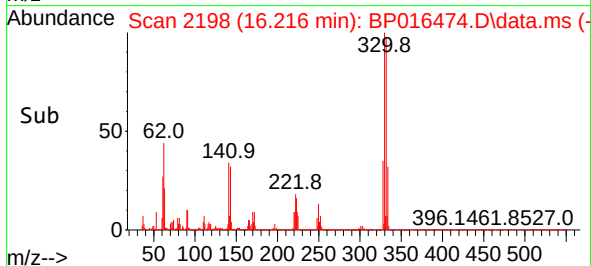
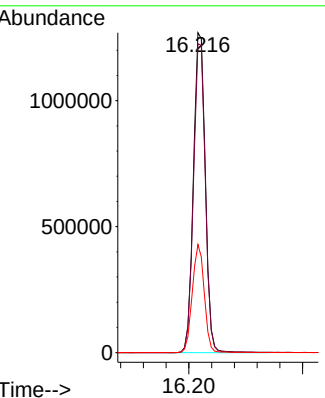
BNA_P

ClientSampleId :



Tgt Ion:330 Resp: 1848318

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	34.0	22.6	34.0



#45

2-Fluorobiphenyl

Concen: 93.683 ng

RT: 13.351 min Scan# 1711

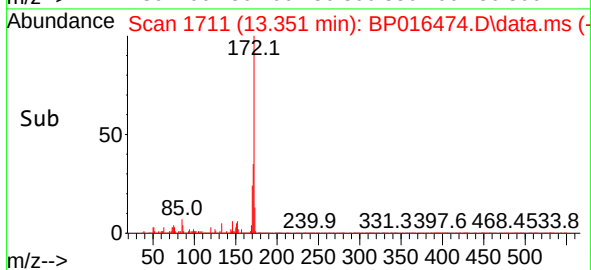
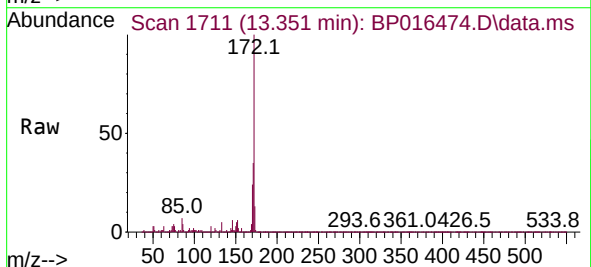
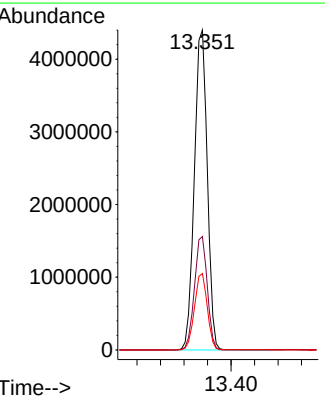
Delta R.T. -0.012 min

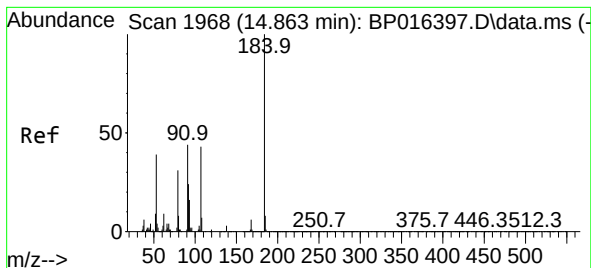
Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Tgt Ion:172 Resp: 6707043

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.9	19.1	28.7





#54

2,4-Dinitrophenol

Concen: 8.004 ng

RT: 14.845 min Scan# 1968

Delta R.T. -0.018 min

Lab File: BP016474.D

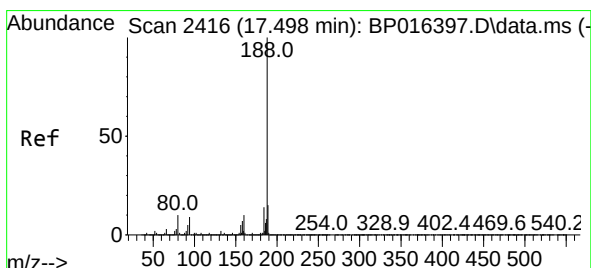
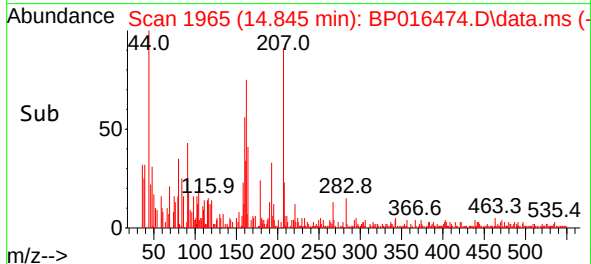
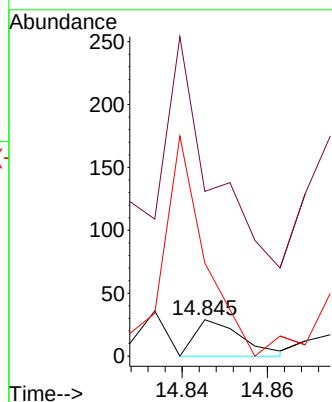
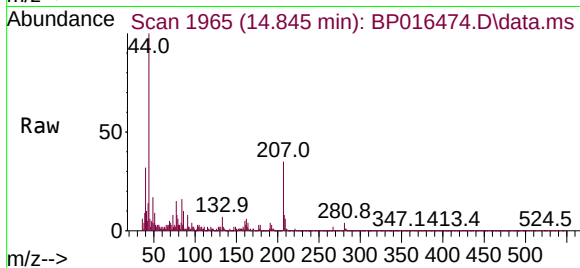
Acq: 02 Aug 2023 18:11

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:184	Resp:	22
Ion	Ratio	Lower Upper
184	100	
63	451.7	48.2 72.4#
154	255.2	49.6 74.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

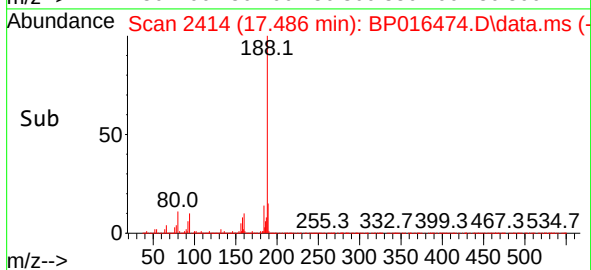
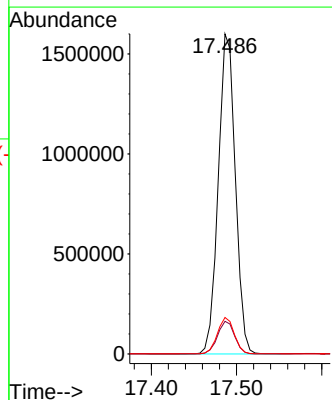
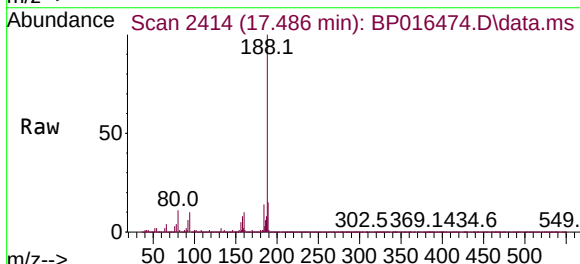
RT: 17.486 min Scan# 2414

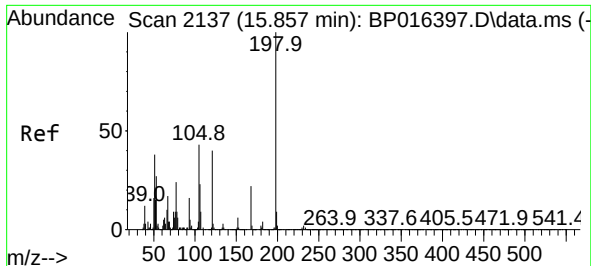
Delta R.T. -0.012 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

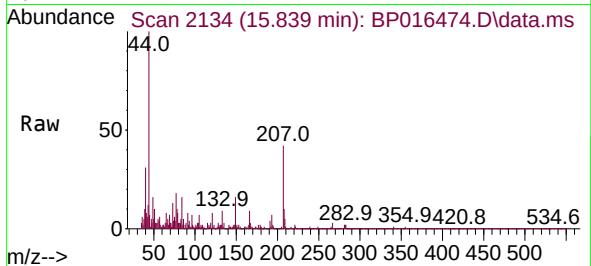
Tgt Ion:188	Resp:	2224144
Ion	Ratio	Lower Upper
188	100	
94	10.2	7.4 11.0
80	11.4	7.8 11.8



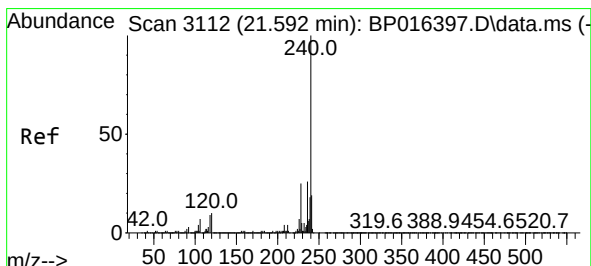
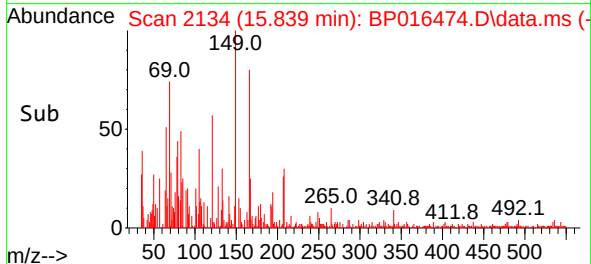
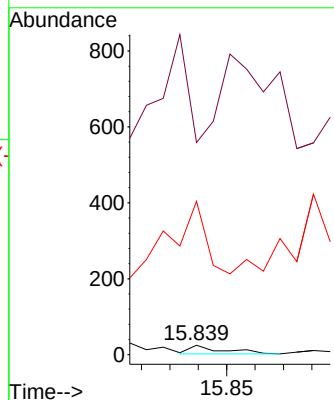


#65
4,6-Dinitro-2-methylphenol
Concen: 6.303 ng
RT: 15.839 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Instrument :
BNA_P
ClientSampleId :

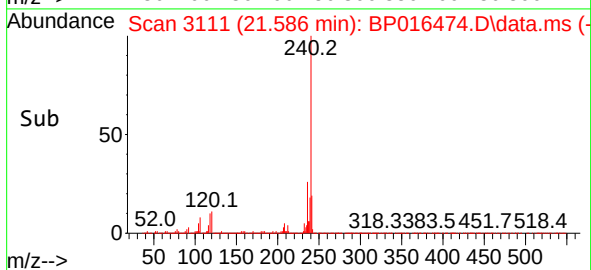
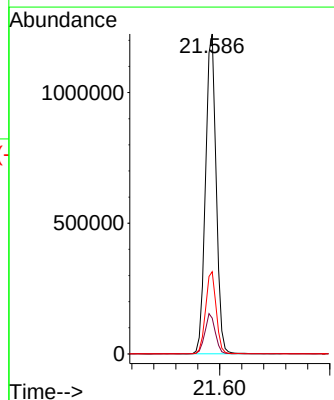
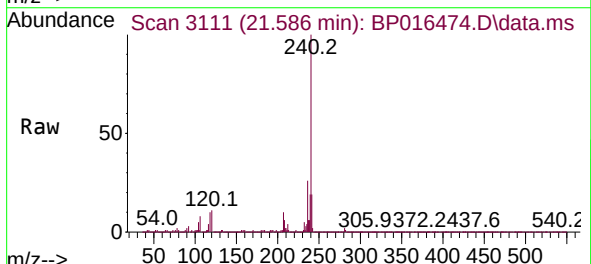


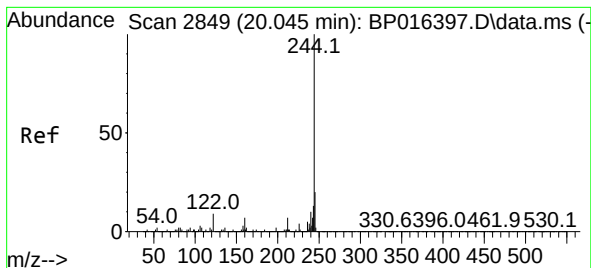
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2236.0 20.1 60.1#
105 1616.0 23.1 63.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP016474.D
Acq: 02 Aug 2023 18:11

Tgt Ion:240 Resp: 1638852
Ion Ratio Lower Upper
240 100
120 11.2 7.9 11.9
236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 111.671 ng

RT: 20.039 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BP016474.D

Acq: 02 Aug 2023 18:11

Instrument :

BNA_P

ClientSampleId :

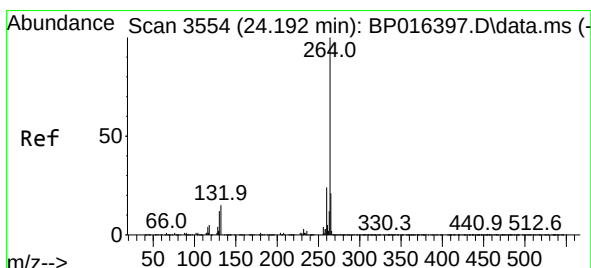
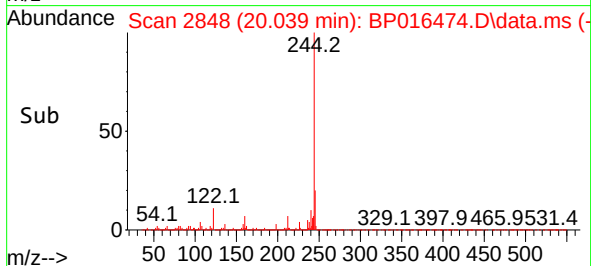
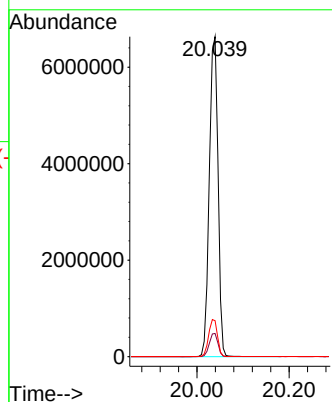
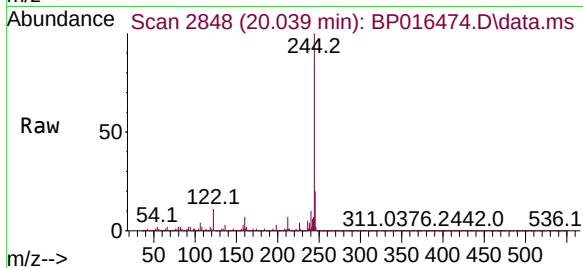
Tgt Ion:244 Resp: 8663639

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.2 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: BP016474.D

Acq: 02 Aug 2023 18:11

Tgt Ion:264 Resp: 1507215

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.8 17.4 26.0

