

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014126.D
 Acq On : 17 Mar 2023 18:10
 Operator : CG/JU
 Sample : 01954-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP2-0316

Quant Time: Mar 18 00:26:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

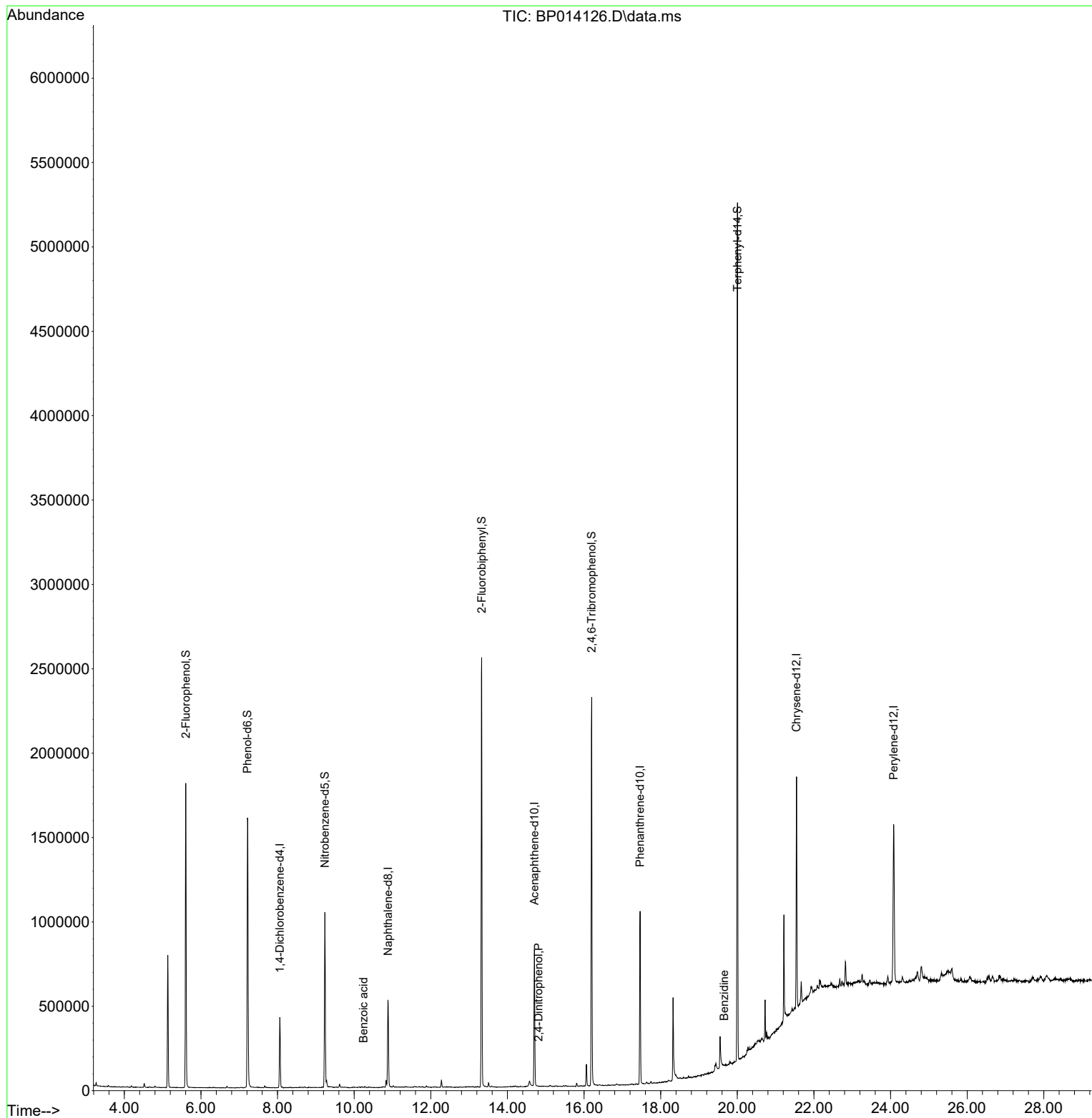
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	110777	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	419433	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	264776	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	608133	20.000	ng	0.00
76) Chrysene-d12	21.545	240	662324	20.000	ng	0.00
86) Perylene-d12	24.080	264	780267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	709173	103.821	ng	0.00
7) Phenol-d6	7.216	99	911033	101.584	ng	0.00
23) Nitrobenzene-d5	9.234	82	591439	64.449	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	462757	107.795	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1272639	62.272	ng	0.00
79) Terphenyl-d14	20.004	244	2395460	59.638	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.240	122	58	2.711	ng	# 1
54) 2,4-Dinitrophenol	14.810	184	19	3.084	ng	# 1
77) Benzidine	19.657	184	654	2.875	ng	# 1

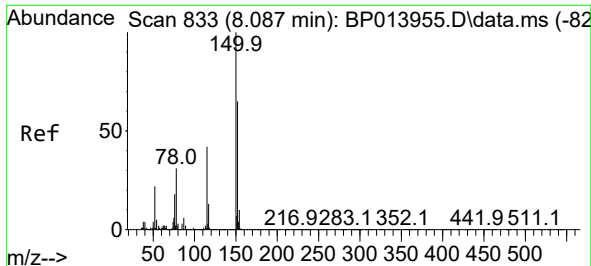
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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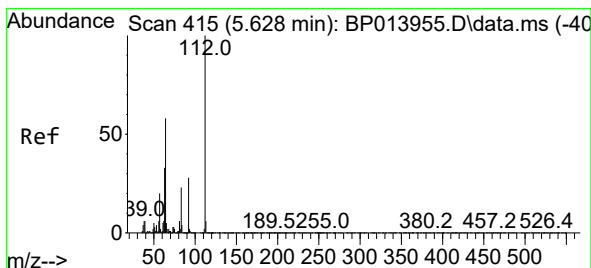
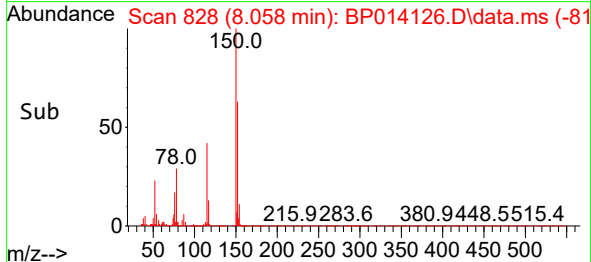
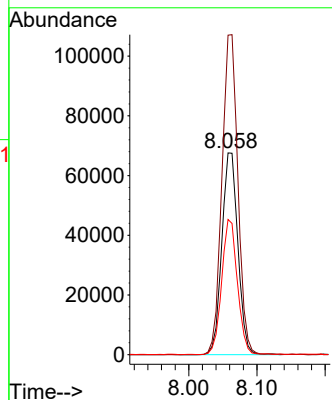
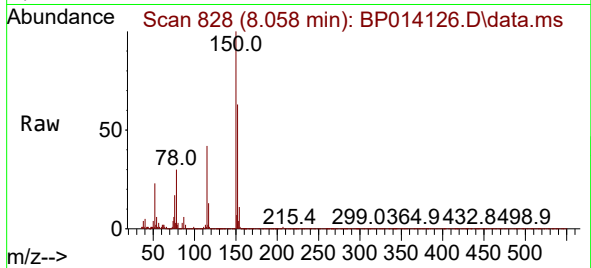




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

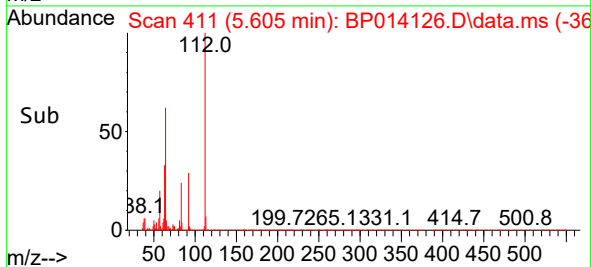
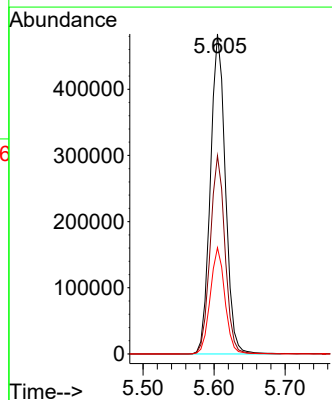
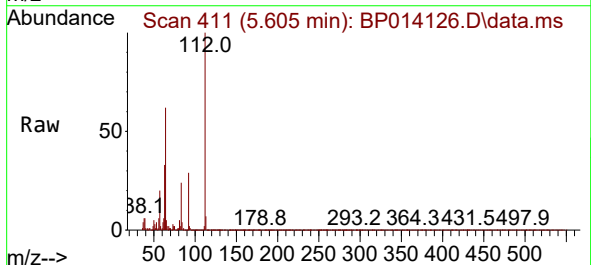
Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

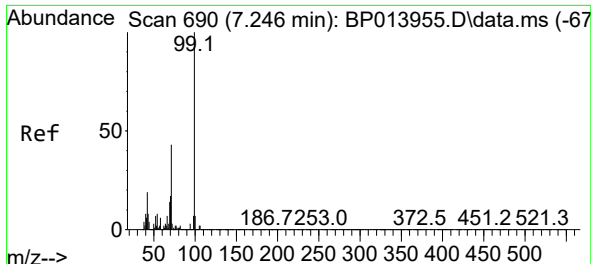
Tgt Ion:152 Resp: 110777
Ion Ratio Lower Upper
152 100
150 158.3 122.3 183.5
115 67.0 51.6 77.4



#5
2-Fluorophenol
Concen: 103.821 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

Tgt Ion:112 Resp: 709173
Ion Ratio Lower Upper
112 100
64 62.0 46.7 70.1
63 33.2 26.6 40.0

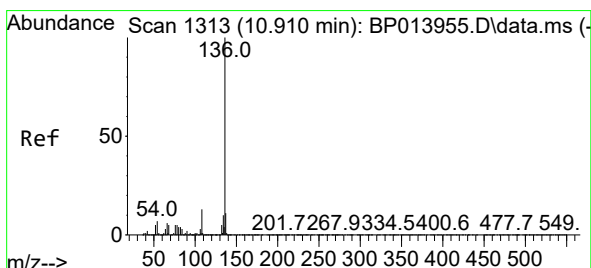
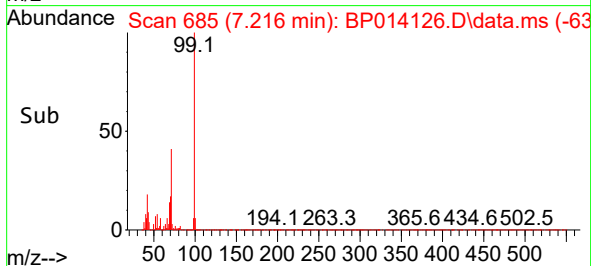
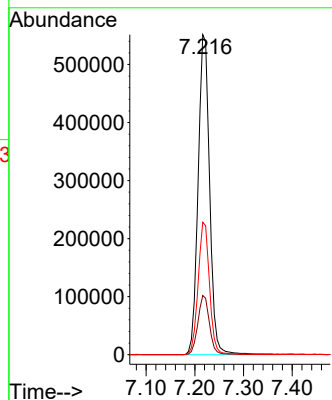
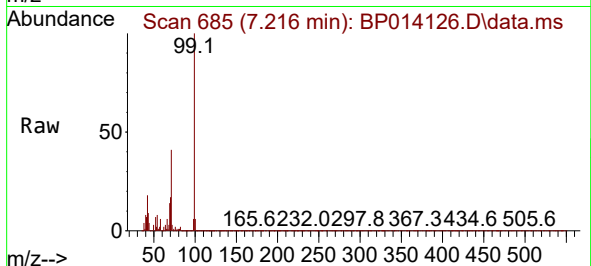




#7
Phenol-d6
Concen: 101.584 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

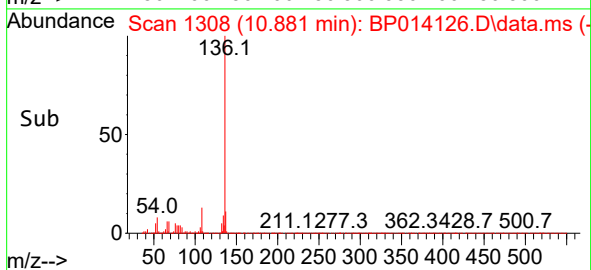
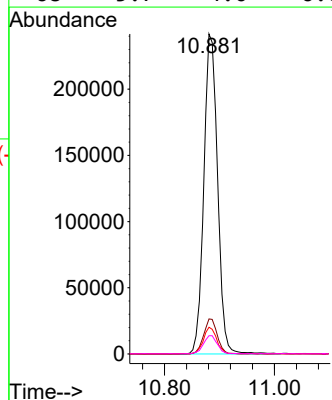
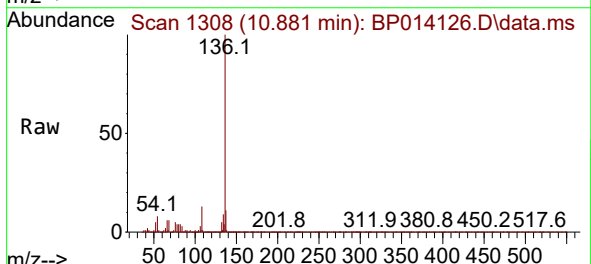
Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

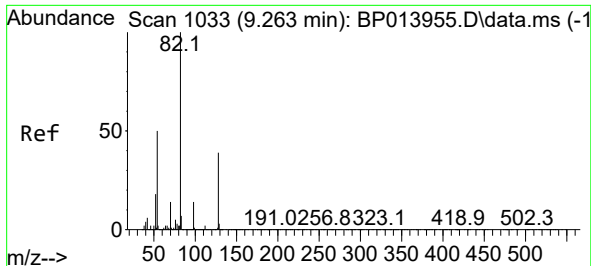
Tgt Ion: 99 Resp: 911033
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.6
71 41.4 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

Tgt Ion:136 Resp: 419433
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.3 5.8 8.8
68 5.7 4.0 6.0

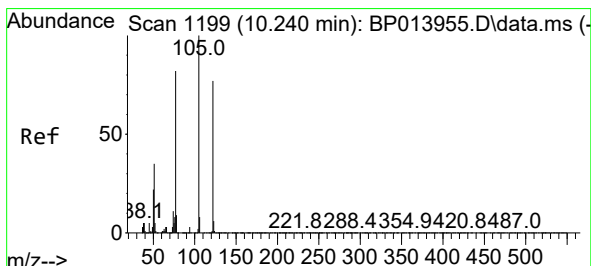
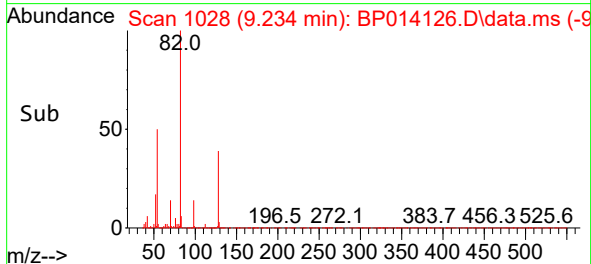
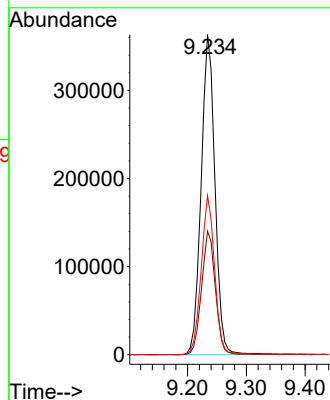
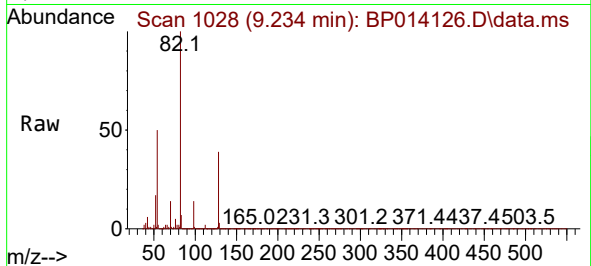




#23
Nitrobenzene-d5
Concen: 64.449 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

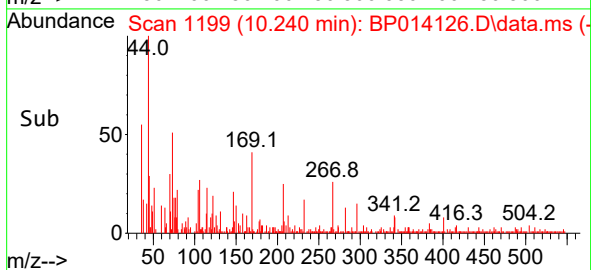
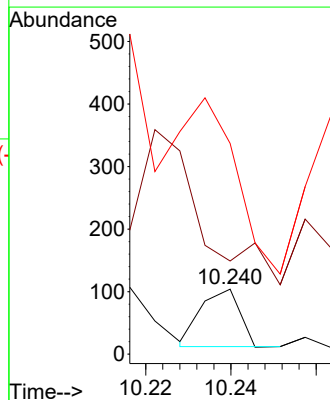
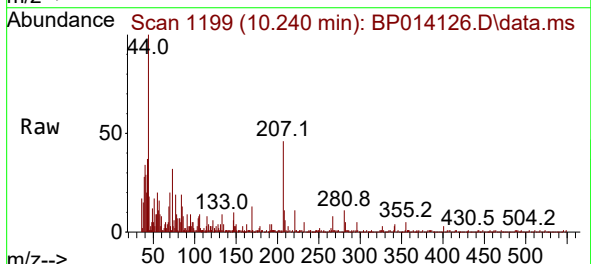
Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

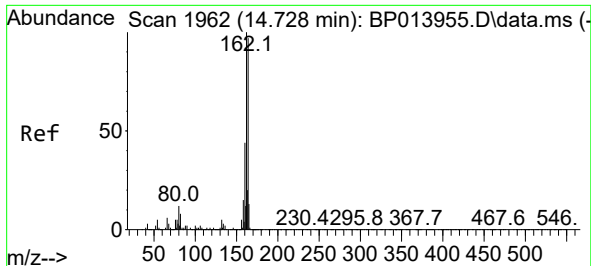
Tgt Ion: 82 Resp: 591439
Ion Ratio Lower Upper
82 100
128 38.7 31.1 46.7
54 49.7 40.0 60.0



#32
Benzoic acid
Concen: 2.711 ng
RT: 10.240 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 143.3 108.2 148.2
77 324.0 85.2 125.2#

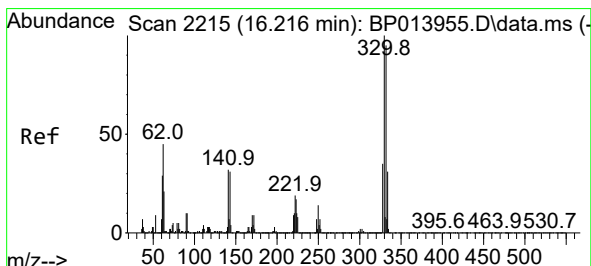
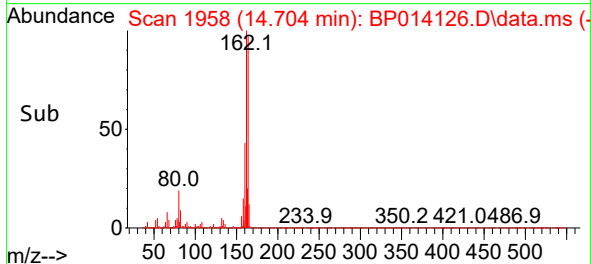
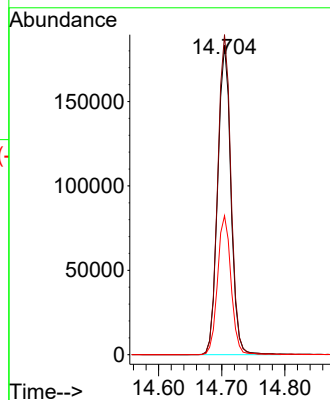
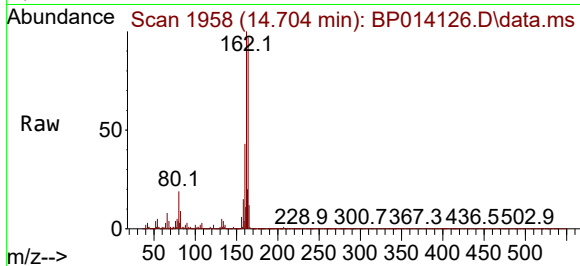




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

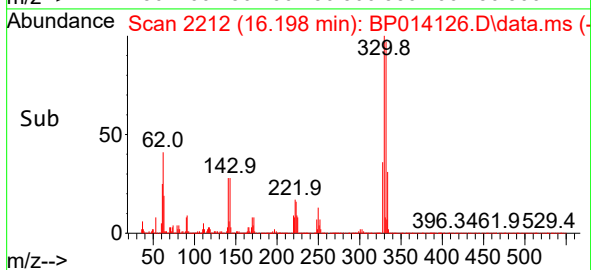
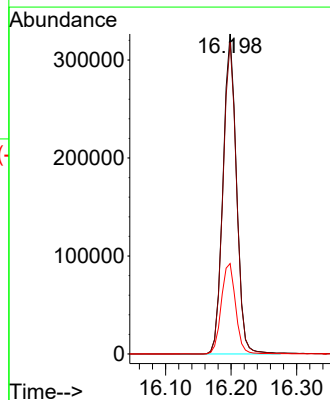
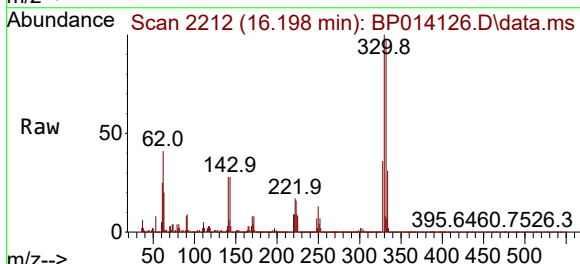
Instrument :
BNA_P
ClientSampleId :
SV-TP2-0316

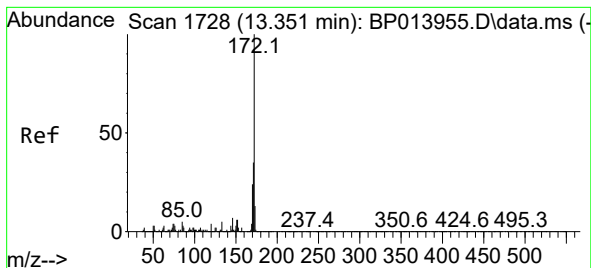
Tgt Ion:164 Resp: 264776
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 44.9 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 107.795 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014126.D
Acq: 17 Mar 2023 18:10

Tgt Ion:330 Resp: 462757
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 30.1 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 62.272 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

Instrument :

BNA_P

ClientSampleId :

SV-TP2-0316

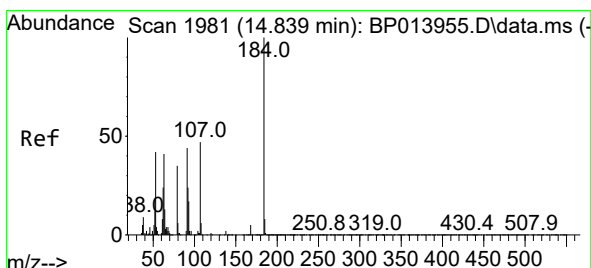
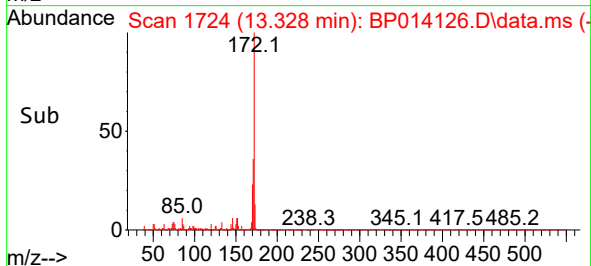
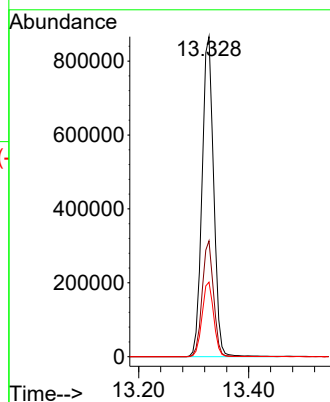
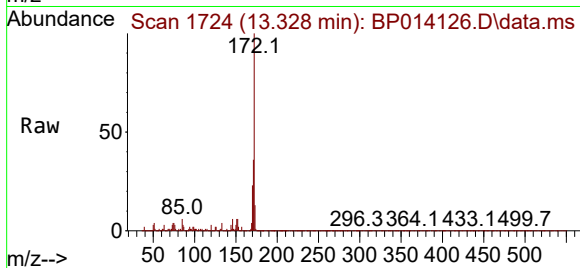
Tgt Ion:172 Resp: 1272639

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.3 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.084 ng

RT: 14.810 min Scan# 1976

Delta R.T. -0.012 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

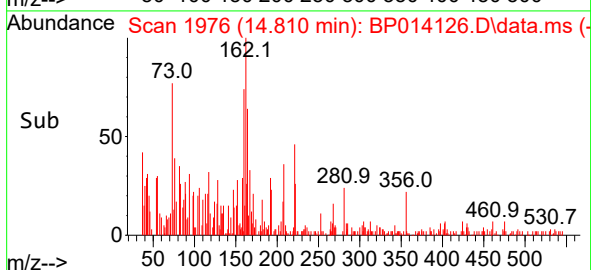
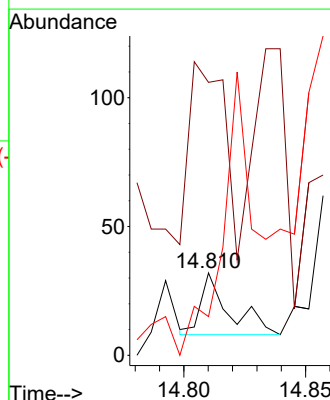
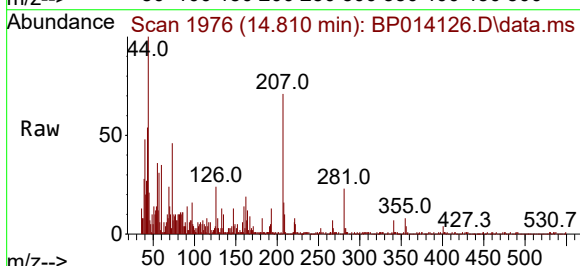
Tgt Ion:184 Resp: 19

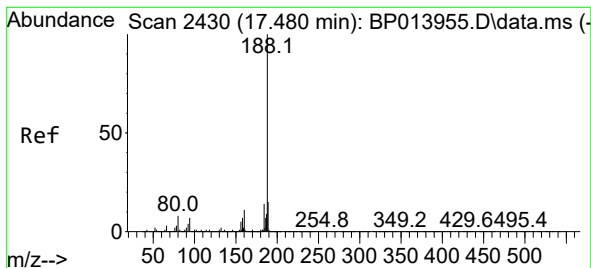
Ion Ratio Lower Upper

184 100

63 331.3 52.4 78.6#

154 46.9 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

Instrument :

BNA_P

ClientSampleId :

SV-TP2-0316

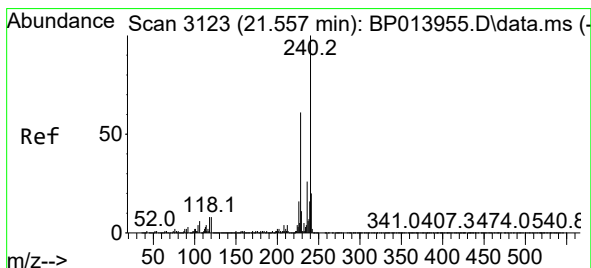
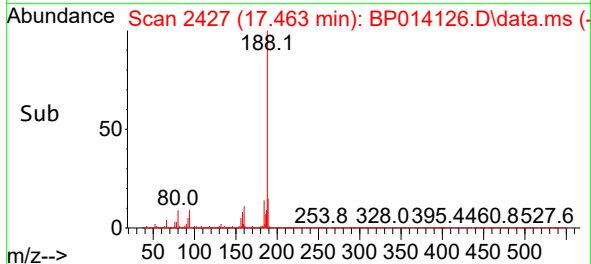
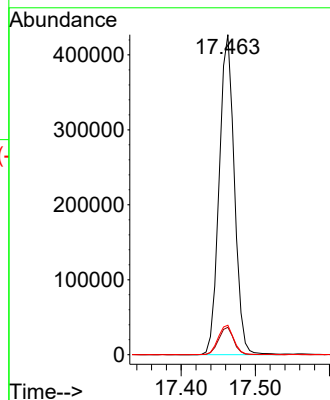
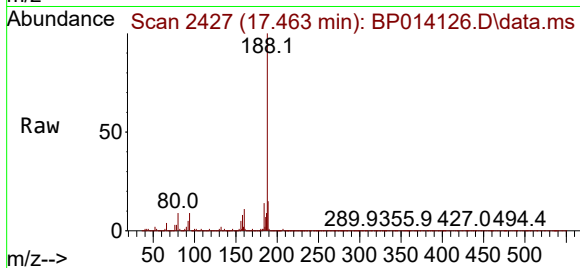
Tgt Ion:188 Resp: 608133

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 9.2 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

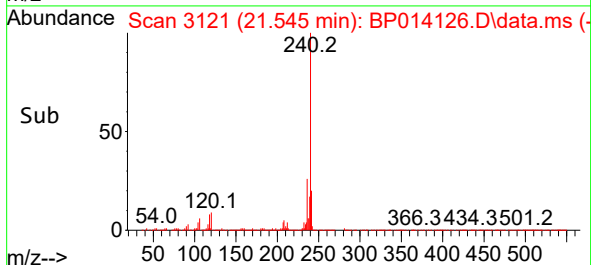
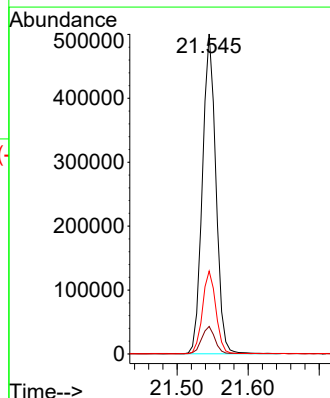
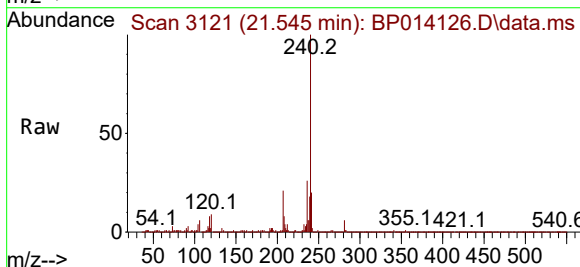
Tgt Ion:240 Resp: 662324

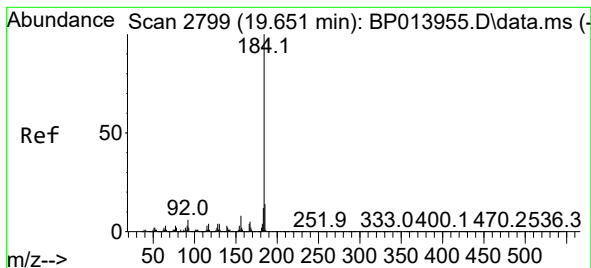
Ion Ratio Lower Upper

240 100

120 8.6 6.4 9.6

236 25.9 21.2 31.8





#77

Benzidine

Concen: 2.875 ng

RT: 19.657 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

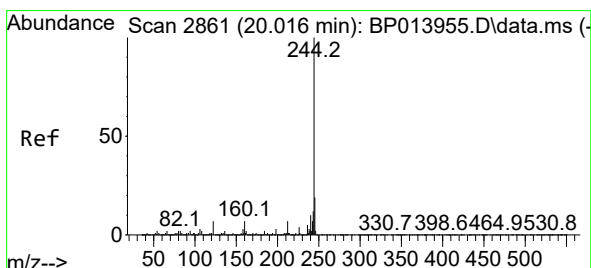
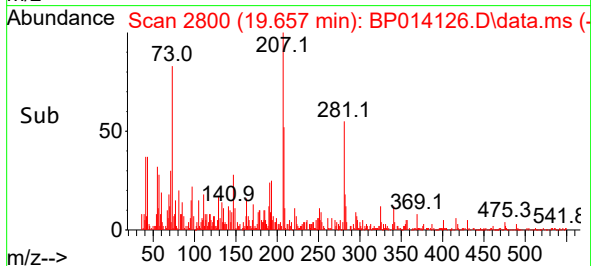
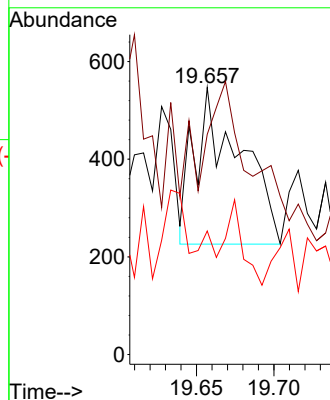
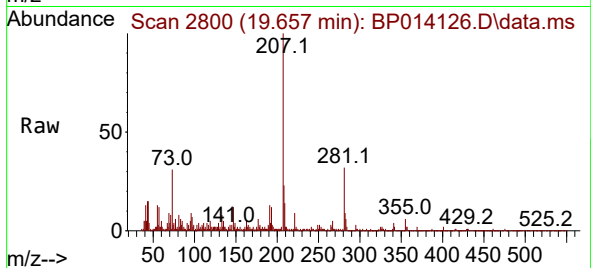
Instrument :

BNA_P

ClientSampleId :

SV-TP2-0316

Tgt Ion:	184	Resp:	654
Ion Ratio	Lower	Upper	
184	100		
185	82.4	11.6	17.4#
183	46.3	9.7	14.5#



#79

Terphenyl-d14

Concen: 59.638 ng

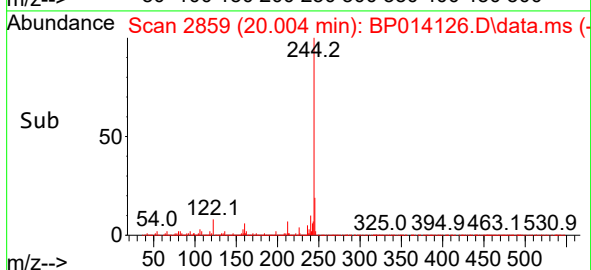
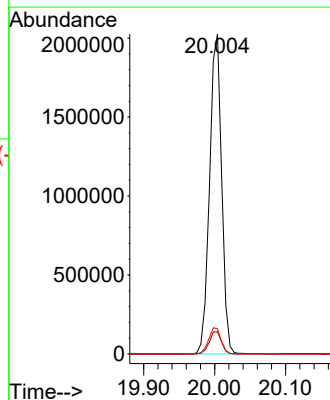
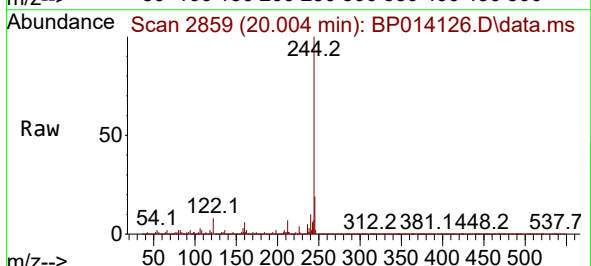
RT: 20.004 min Scan# 2859

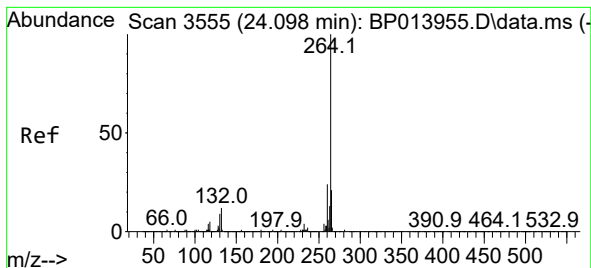
Delta R.T. -0.000 min

Lab File: BP014126.D

Acq: 17 Mar 2023 18:10

Tgt Ion:	244	Resp:	2395460
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	7.8	5.8	8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014126.D

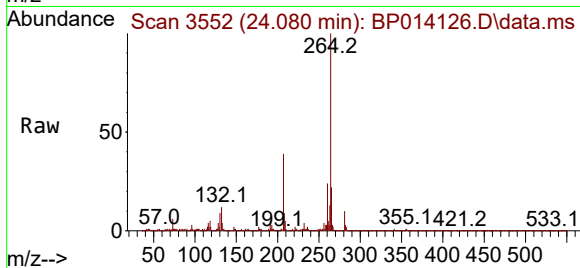
Acq: 17 Mar 2023 18:10

Instrument :

BNA_P

ClientSampleId :

SV-TP2-0316



Tgt Ion:264 Resp: 780267

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.4 17.8 26.8

