

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014127.D
 Acq On : 17 Mar 2023 18:45
 Operator : CG/JU
 Sample : 01954-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP1-0316

Quant Time: Mar 18 00:26:53 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)

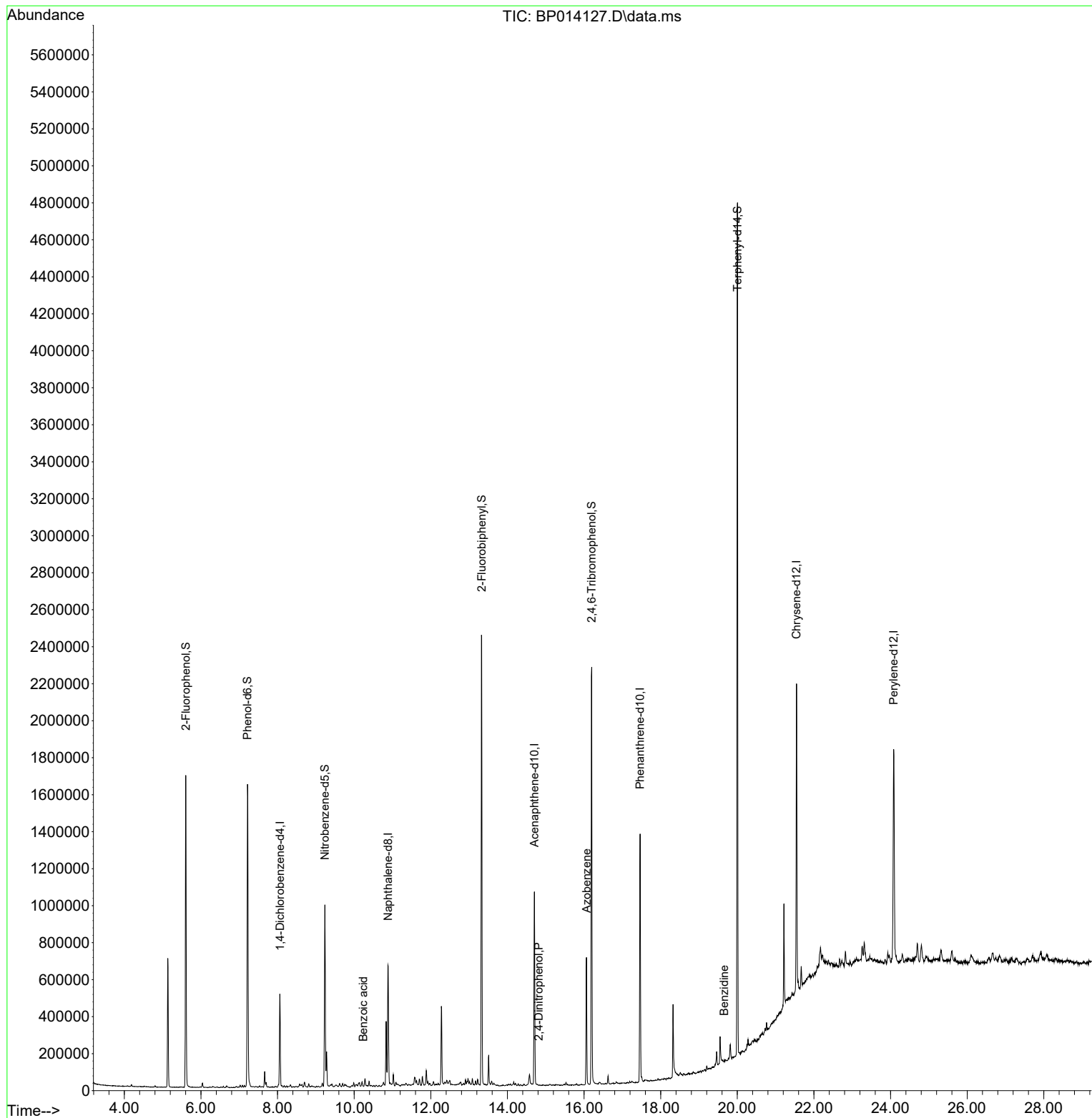
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	134977	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	528146	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	343622	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	784554	20.000	ng	0.00
76) Chrysene-d12	21.545	240	817013	20.000	ng	0.00
86) Perylene-d12	24.080	264	944705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	667784	80.234	ng	0.00
7) Phenol-d6	7.216	99	911931	83.454	ng	0.00
23) Nitrobenzene-d5	9.234	82	571446	49.453	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	468826	84.150	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1239994	46.752	ng	0.00
79) Terphenyl-d14	20.004	244	2283816	46.093	ng	0.00
Target Compounds						
32) Benzoic acid	10.234	122	180	2.726	ng	# 1
54) 2,4-Dinitrophenol	14.816	184	21	3.083	ng	# 1
63) Azobenzene	16.063	77	195720	7.557	ng	# 1
77) Benzidine	19.657	184	128	2.842	ng	# 1

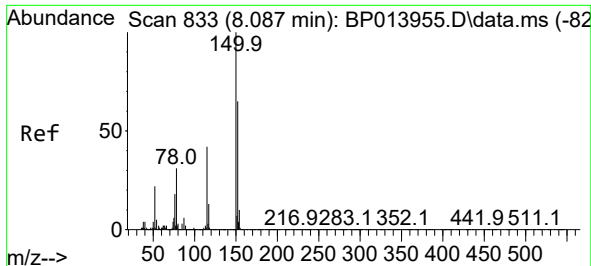
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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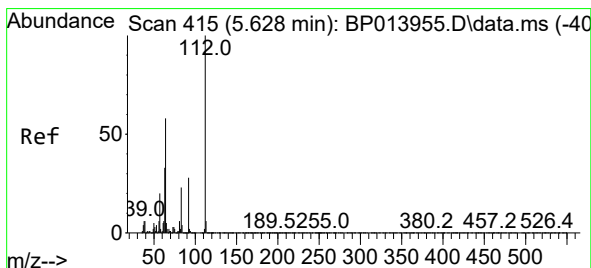
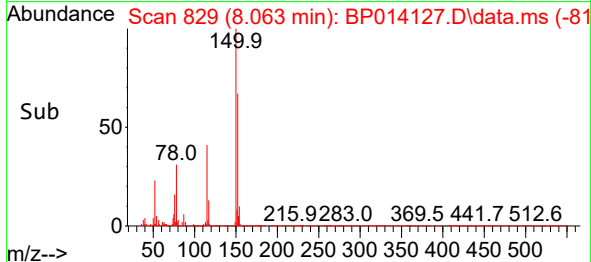
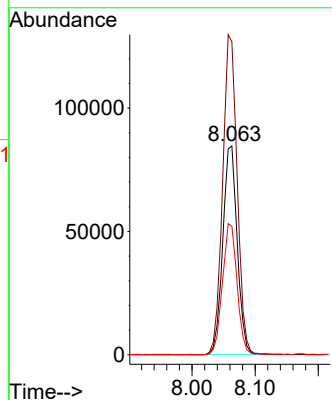
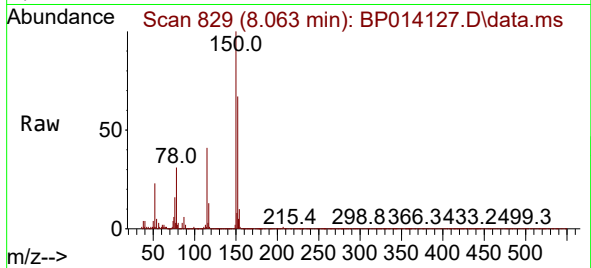




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

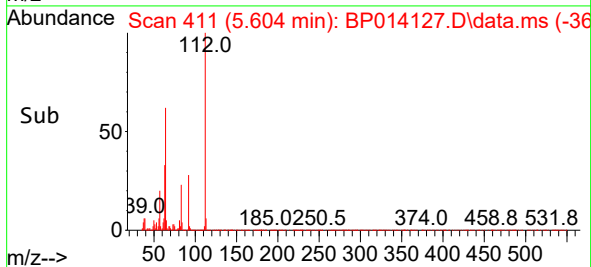
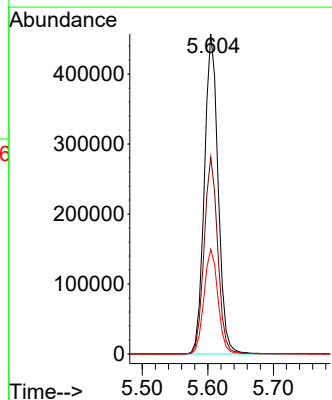
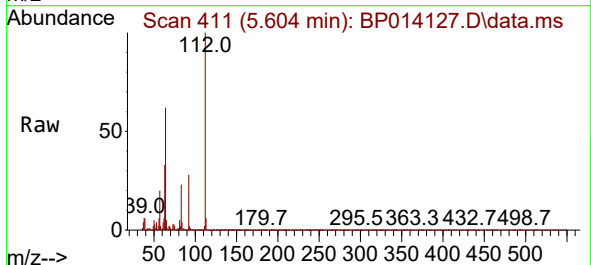
Instrument :
BNA_P
ClientSampleId :
SV-TP1-0316

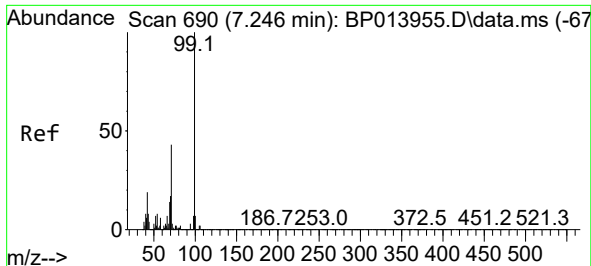
Tgt Ion:152 Resp: 134977
Ion Ratio Lower Upper
152 100
150 149.8 122.3 183.5
115 61.5 51.6 77.4



#5
2-Fluorophenol
Concen: 80.234 ng
RT: 5.604 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

Tgt Ion:112 Resp: 667784
Ion Ratio Lower Upper
112 100
64 61.6 46.7 70.1
63 32.7 26.6 40.0

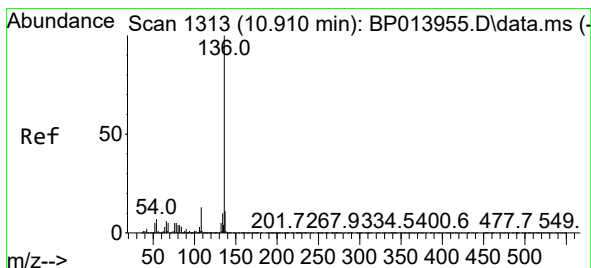
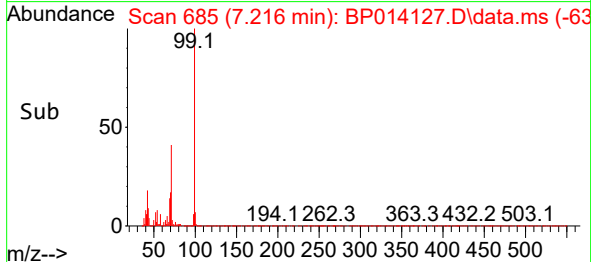
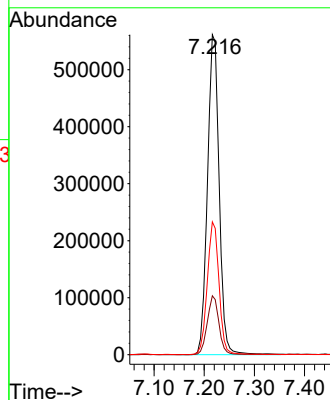
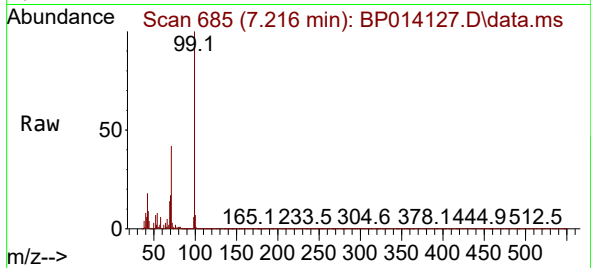




#7
Phenol-d6
Concen: 83.454 ng
RT: 7.216 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

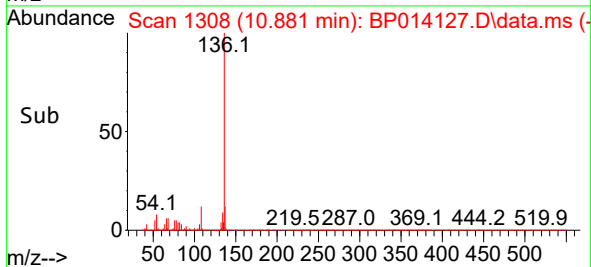
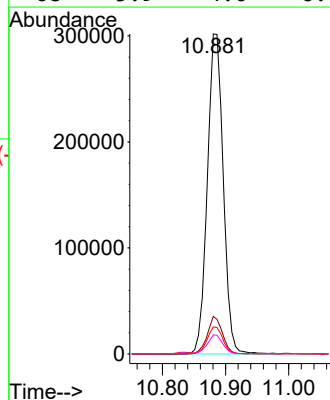
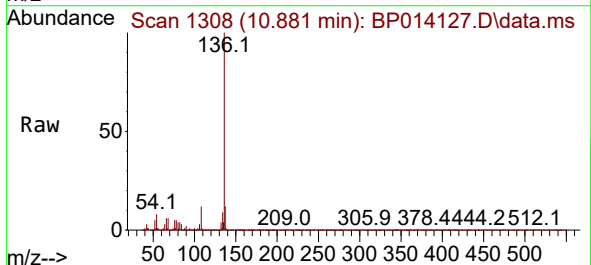
Instrument :
BNA_P
ClientSampleId :
SV-TP1-0316

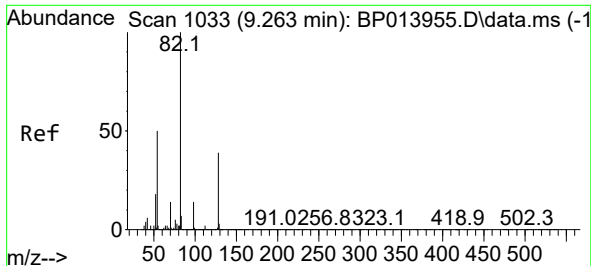
Tgt Ion: 99 Resp: 911931
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.6
71 41.5 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

Tgt Ion:136 Resp: 528146
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 8.5 5.8 8.8
68 5.9 4.0 6.0

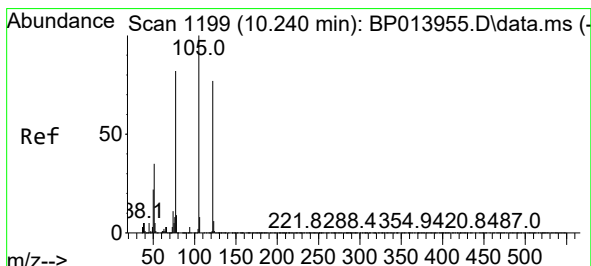
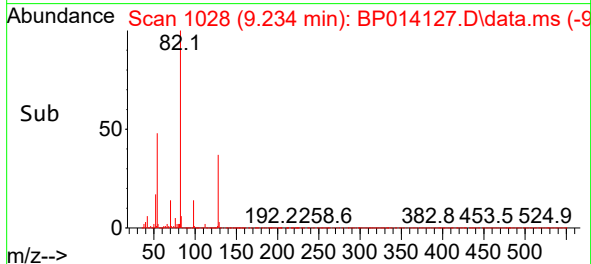
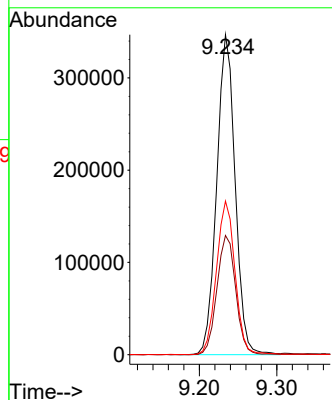
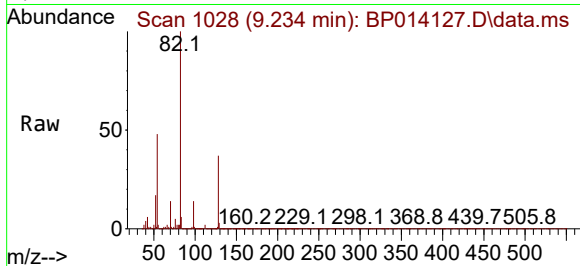




#23
Nitrobenzene-d5
Concen: 49.453 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

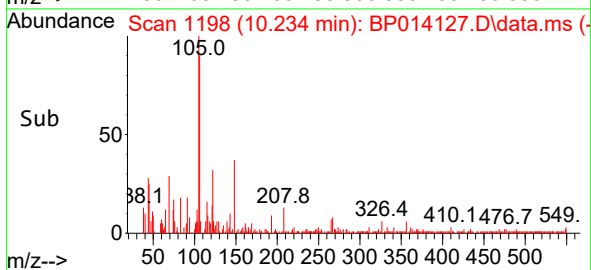
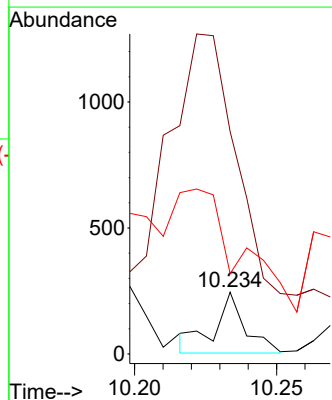
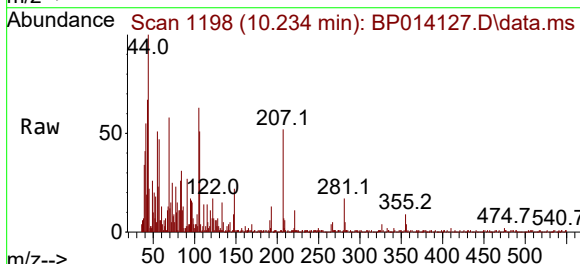
Instrument :
BNA_P
ClientSampleId :
SV-TP1-0316

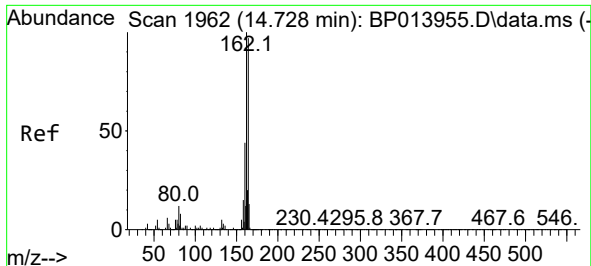
Tgt Ion: 82 Resp: 571446
Ion Ratio Lower Upper
82 100
128 37.2 31.1 46.7
54 48.0 40.0 60.0



#32
Benzoic acid
Concen: 2.726 ng
RT: 10.234 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

Tgt Ion: 122 Resp: 180
Ion Ratio Lower Upper
122 100
105 360.4 108.2 148.2#
77 130.2 85.2 125.2#

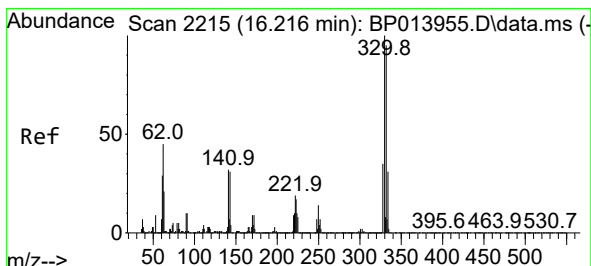
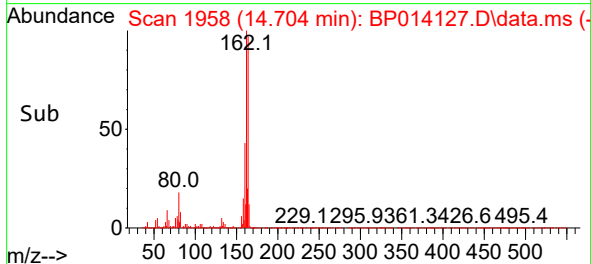
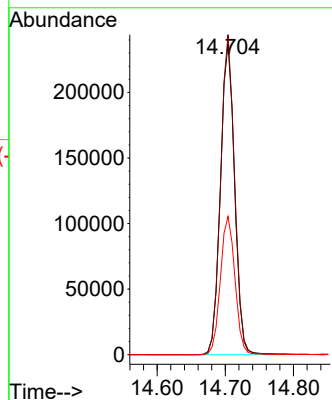
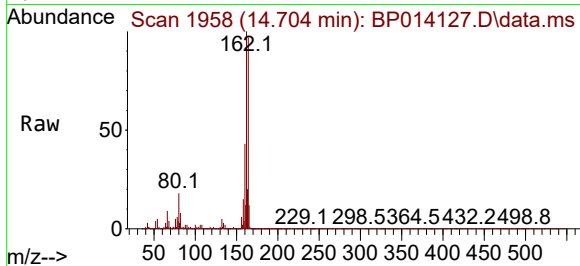




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

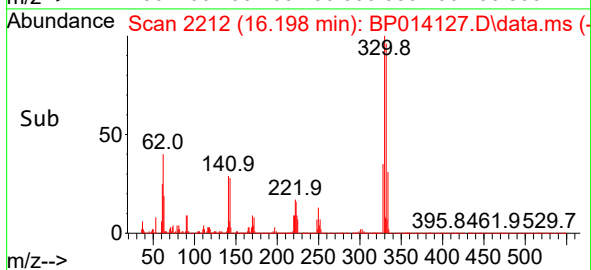
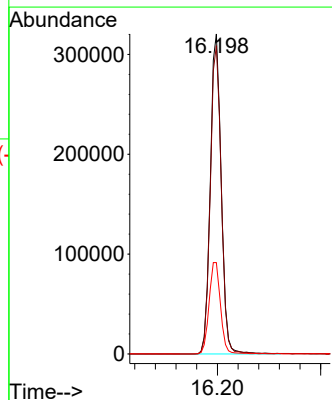
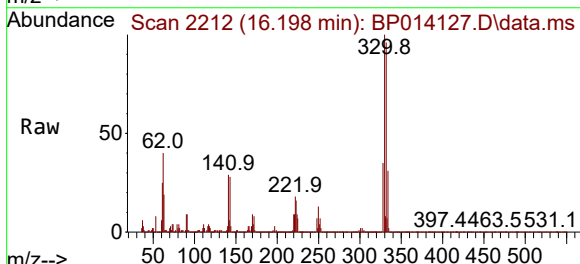
Instrument :
BNA_P
ClientSampleId :
SV-TP1-0316

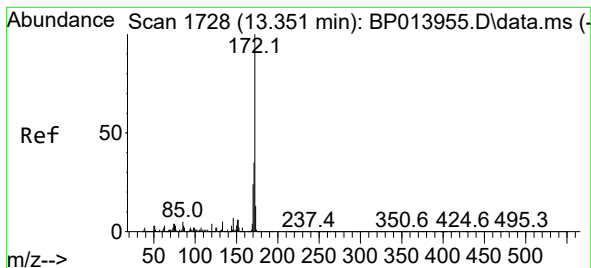
Tgt Ion:164 Resp: 343622
Ion Ratio Lower Upper
164 100
162 102.8 82.1 123.1
160 44.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 84.150 ng
RT: 16.198 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

Tgt Ion:330 Resp: 468826
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.9 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 46.752 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

Instrument :

BNA_P

ClientSampleId :

SV-TP1-0316

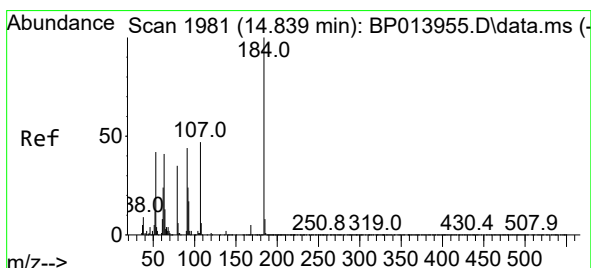
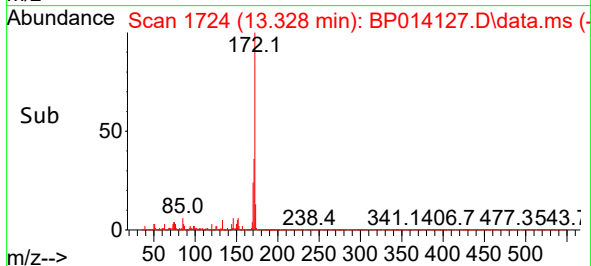
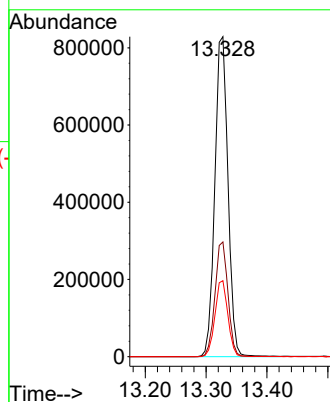
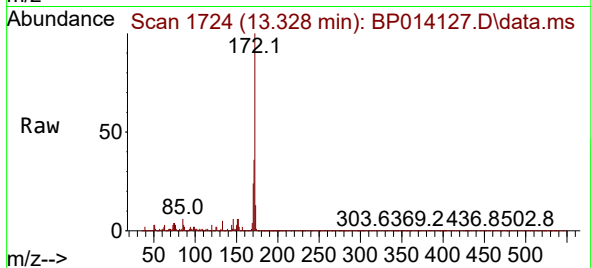
Tgt Ion:172 Resp: 1239994

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.7 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.083 ng

RT: 14.816 min Scan# 1977

Delta R.T. -0.006 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

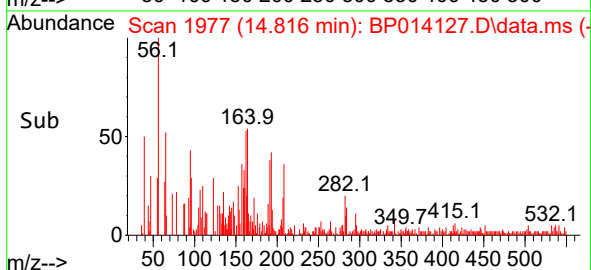
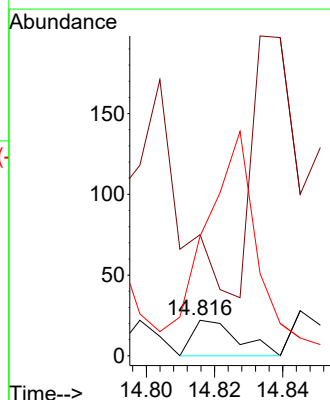
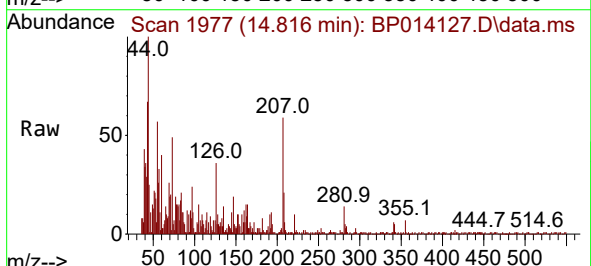
Tgt Ion:184 Resp: 21

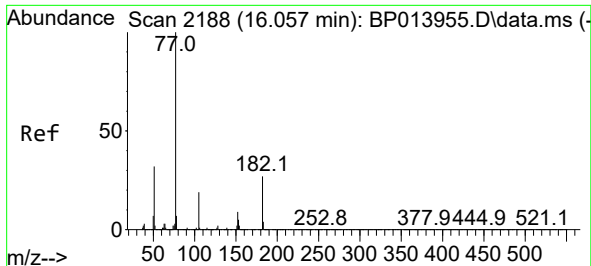
Ion Ratio Lower Upper

184 100

63 340.9 52.4 78.6#

154 336.4 59.4 89.2#

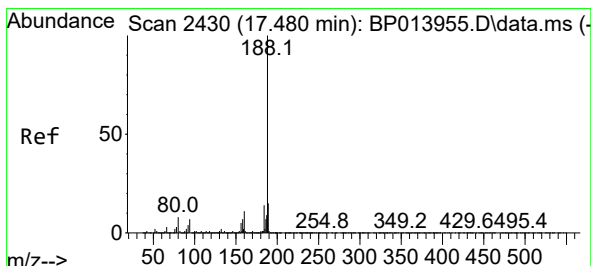
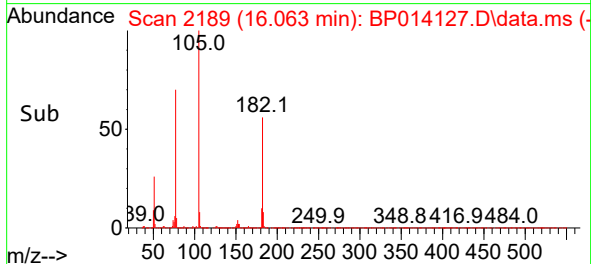
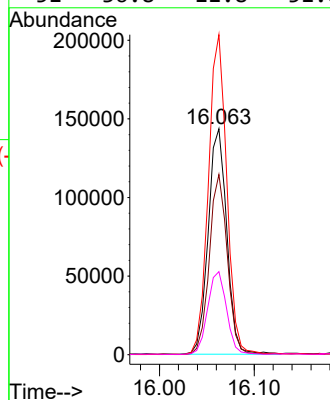
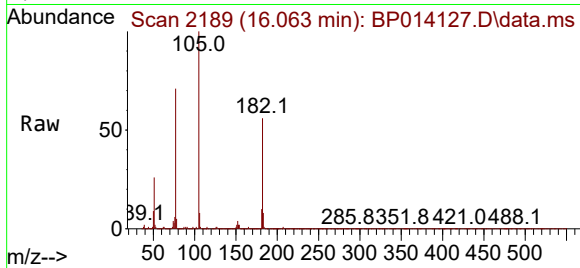




#63
Azobenzene
Concen: 7.557 ng
RT: 16.063 min Scan# 2188
Delta R.T. 0.023 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

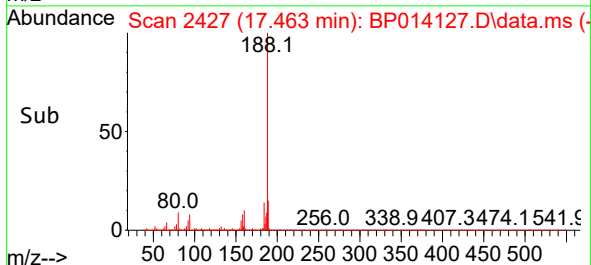
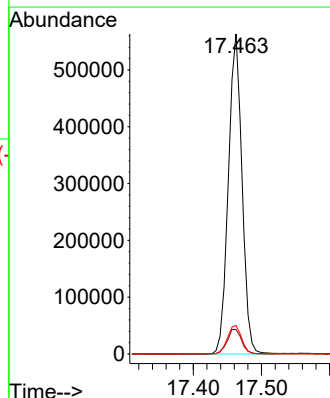
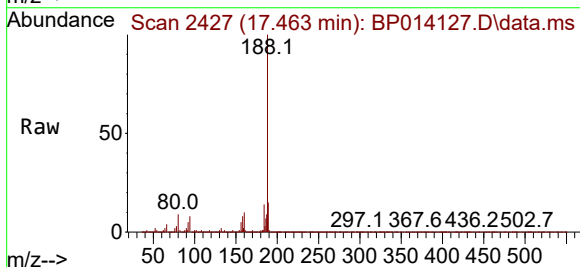
Instrument :
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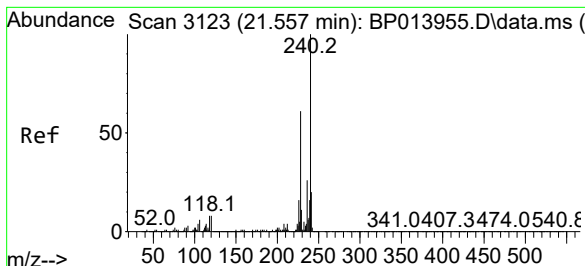
Tgt Ion: 77 Resp: 195720
Ion Ratio Lower Upper
77 100
182 79.8 6.9 46.9#
105 141.6 0.0 39.4#
51 36.8 11.8 51.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP014127.D
Acq: 17 Mar 2023 18:45

Tgt Ion:188 Resp: 784554
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 8.9 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

Instrument :

BNA_P

ClientSampleId :

SV-TP1-0316

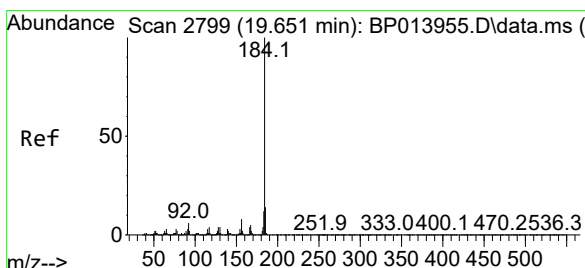
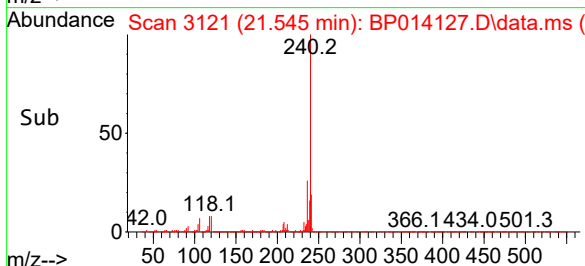
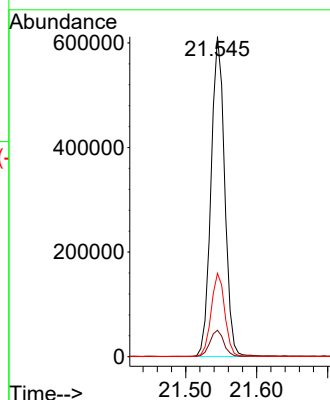
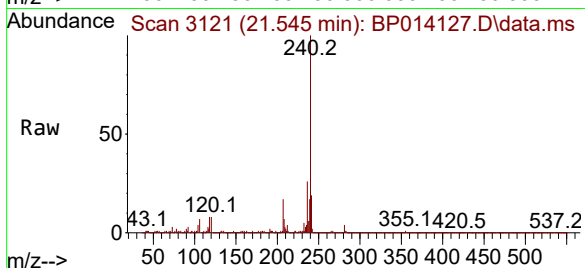
Tgt Ion:240 Resp: 817013

Ion Ratio Lower Upper

240 100

120 8.3 6.4 9.6

236 26.0 21.2 31.8



#77

Benzidine

Concen: 2.842 ng

RT: 19.657 min Scan# 2800

Delta R.T. 0.011 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

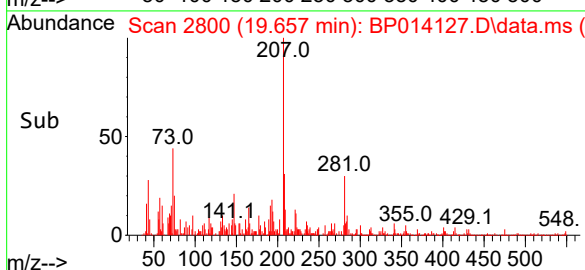
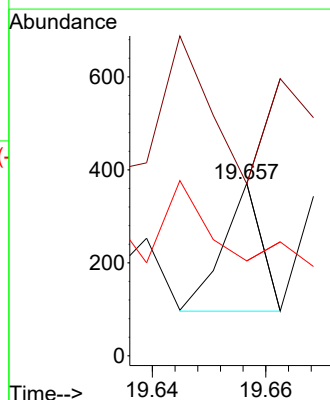
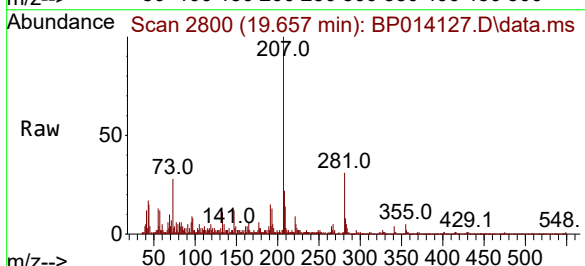
Tgt Ion:184 Resp: 128

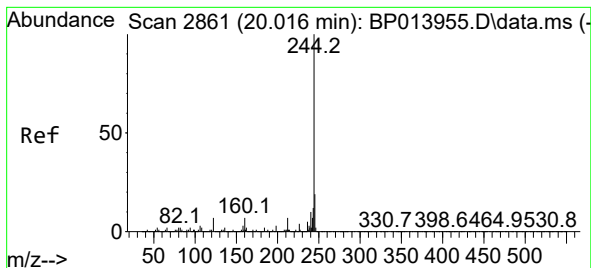
Ion Ratio Lower Upper

184 100

185 99.7 11.6 17.4#

183 55.0 9.7 14.5#





#79

Terphenyl-d14

Concen: 46.093 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

Instrument :

BNA_P

ClientSampleId :

SV-TP1-0316

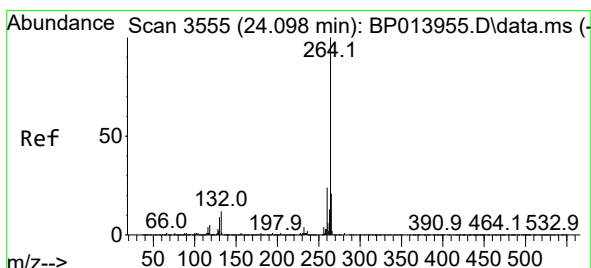
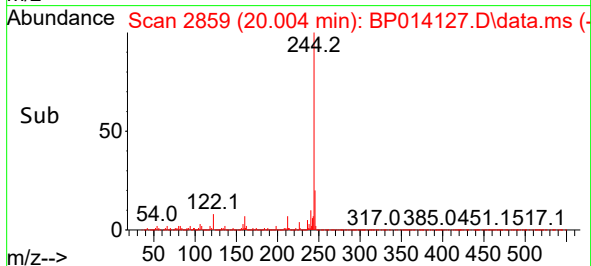
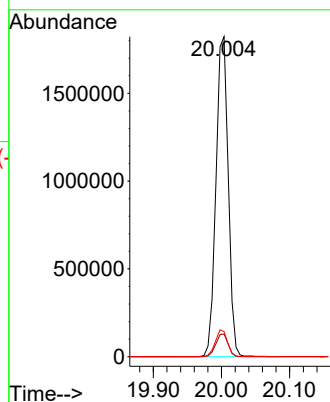
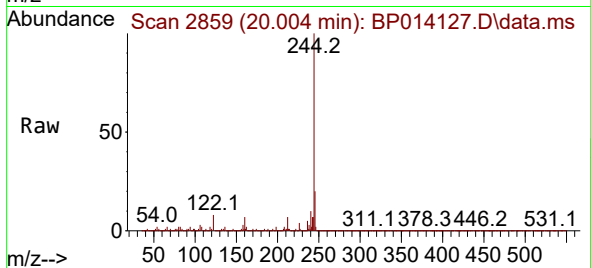
Tgt Ion:244 Resp: 2283816

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.8 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 3552

Delta R.T. -0.006 min

Lab File: BP014127.D

Acq: 17 Mar 2023 18:45

Tgt Ion:264 Resp: 944705

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 22.2 17.8 26.8

