

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014310.D
 Acq On : 25 Mar 2023 03:31
 Operator : CG/JU
 Sample : 02023-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-11-TEST-PIT-ON-CENTRAL

Quant Time: Mar 25 04:49:18 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 25 03:19:01 2023
 Response via : Initial Calibration

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

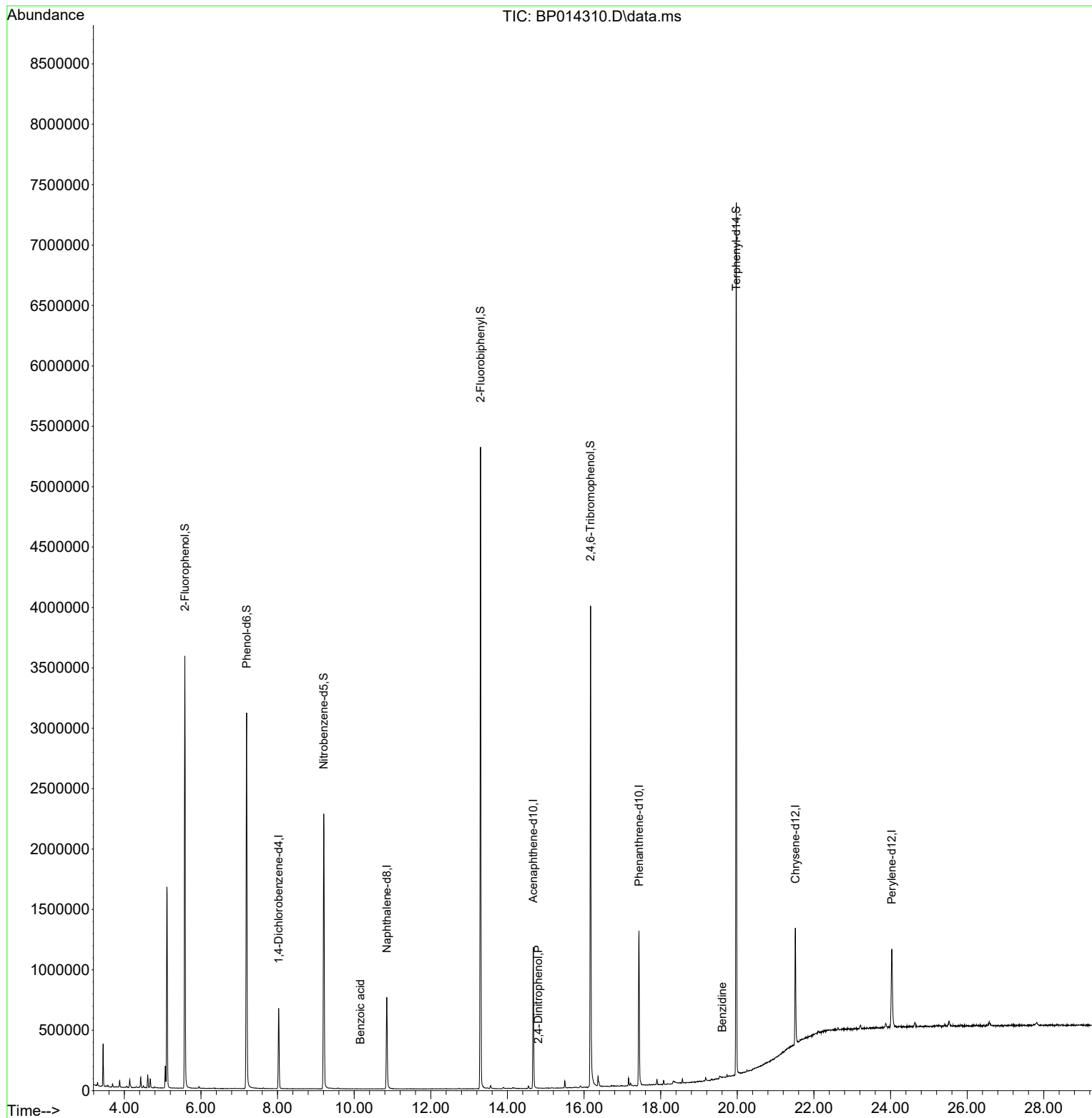
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	167541	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	631284	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	386859	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	777222	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	518514	20.000	ng	0.00
86) Perylene-d12	24.033	264	544833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1394369	134.970	ng	0.00
7) Phenol-d6	7.193	99	1699262	125.280	ng	0.00
23) Nitrobenzene-d5	9.204	82	1340671	97.066	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	794366	126.646	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2624488	87.893	ng	0.00
79) Terphenyl-d14	19.974	244	3395226	107.973	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.163	122	86	2.711	ng	# 1
54) 2,4-Dinitrophenol	14.804	184	9	3.080	ng	# 1
77) Benzidine	19.610	184	114	2.844	ng	# 1

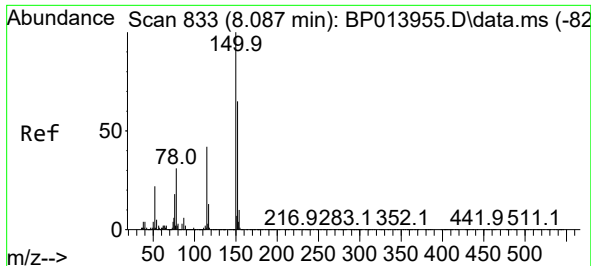
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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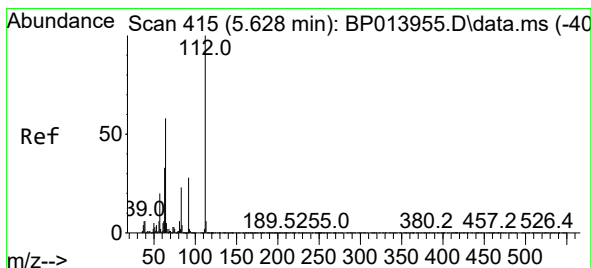
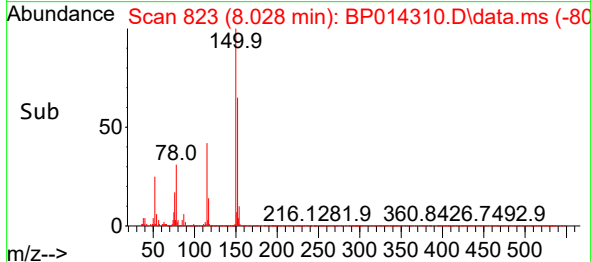
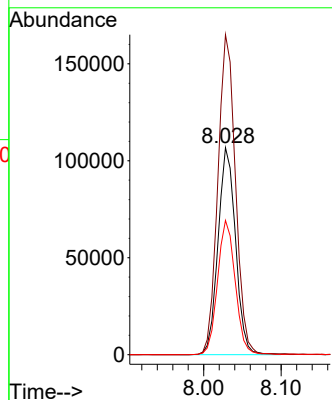
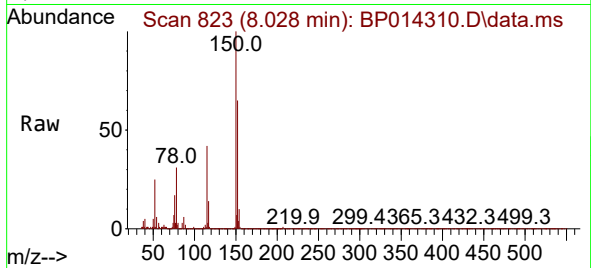




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

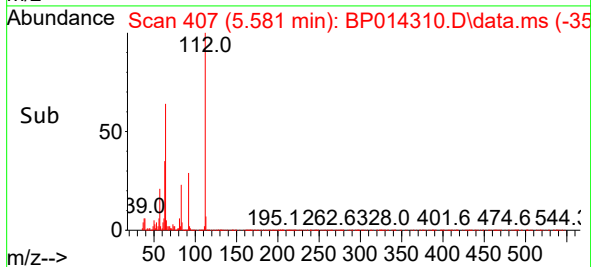
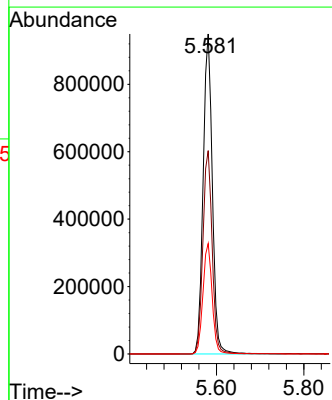
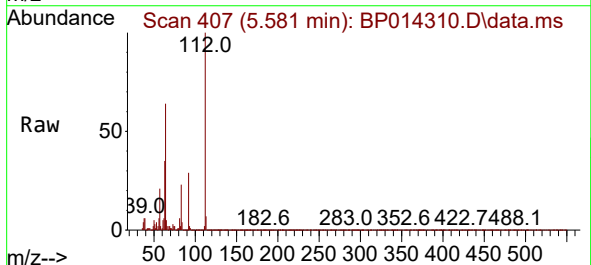
Instrument :
BNA_P
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

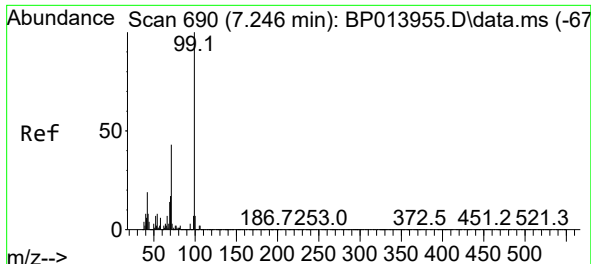
Tgt Ion:152 Resp: 167541
Ion Ratio Lower Upper
152 100
150 154.5 122.3 183.5
115 64.8 51.6 77.4



#5
2-Fluorophenol
Concen: 134.970 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

Tgt Ion:112 Resp: 1394369
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 34.5 26.6 40.0

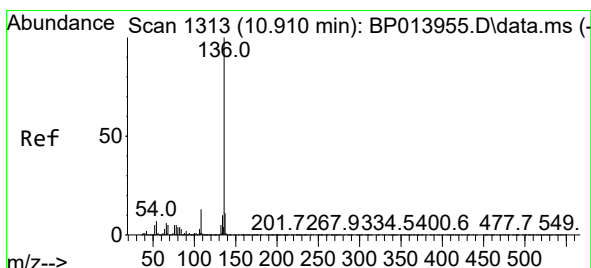
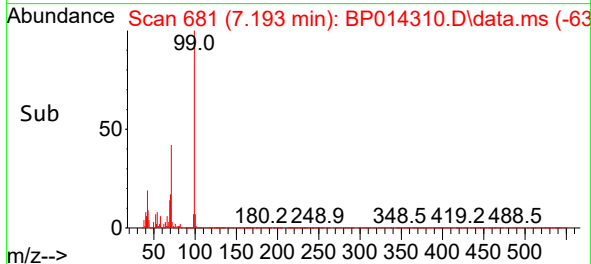
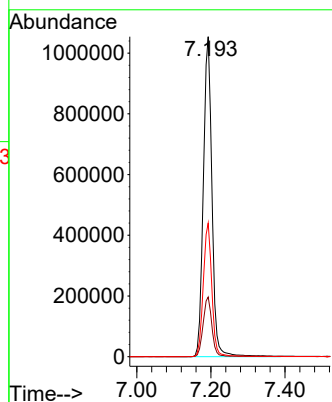
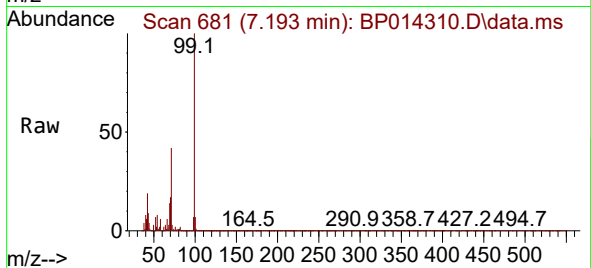




#7
Phenol-d6
Concen: 125.280 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

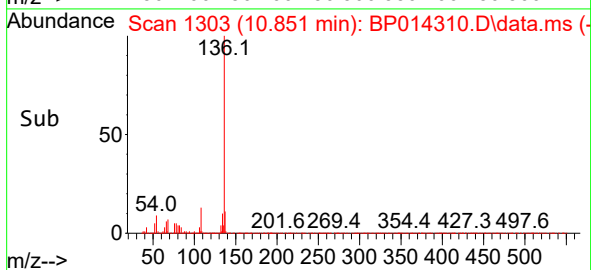
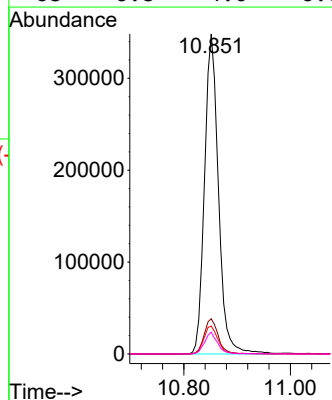
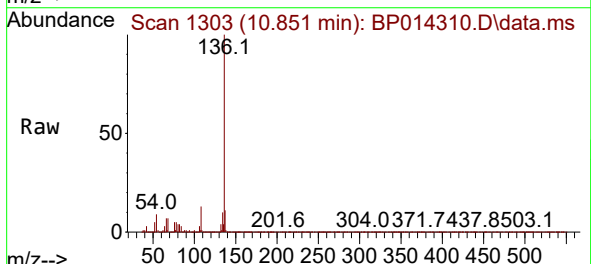
Instrument :
BNA_P
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

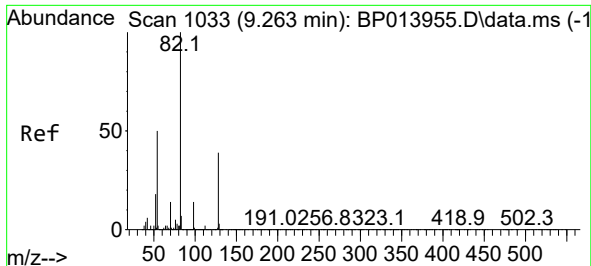
Tgt Ion: 99 Resp: 1699262
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 41.8 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

Tgt Ion:136 Resp: 631284
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.7 5.8 8.8
68 6.8 4.0 6.0#

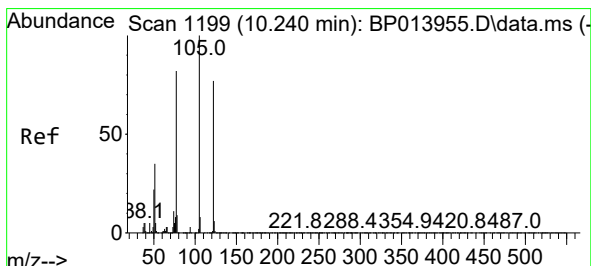
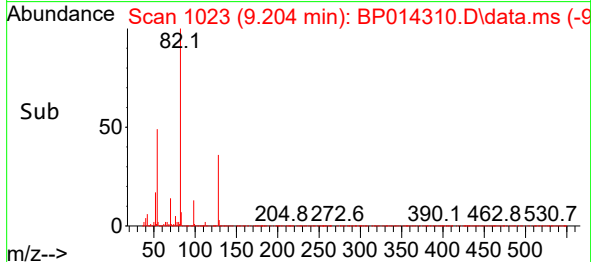
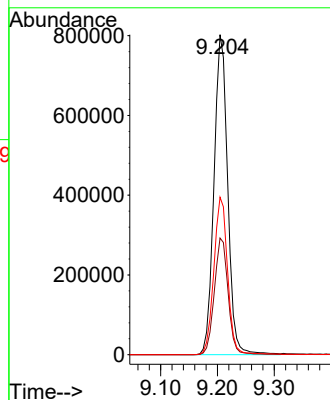
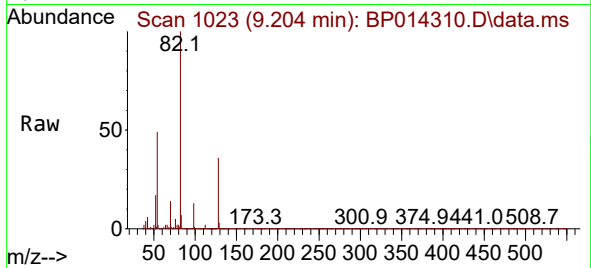




#23
Nitrobenzene-d5
Concen: 97.066 ng
RT: 9.204 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

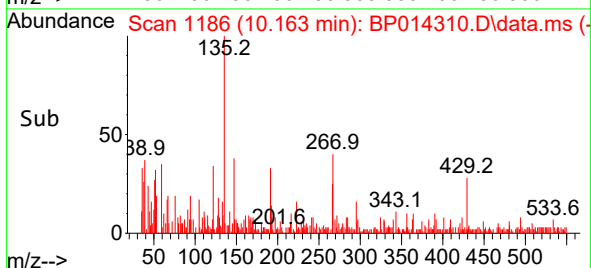
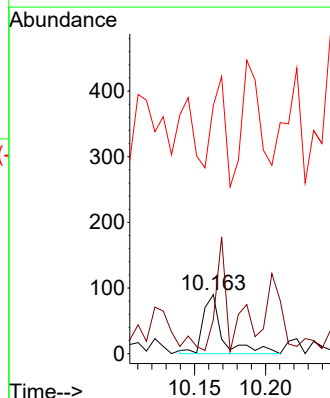
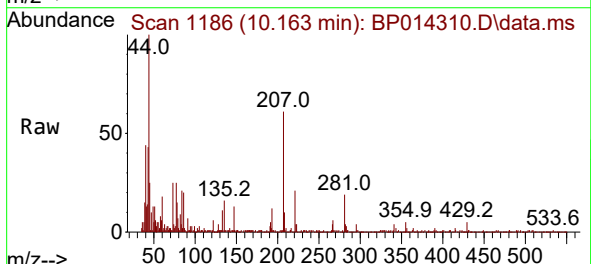
Instrument :
BNA_P
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

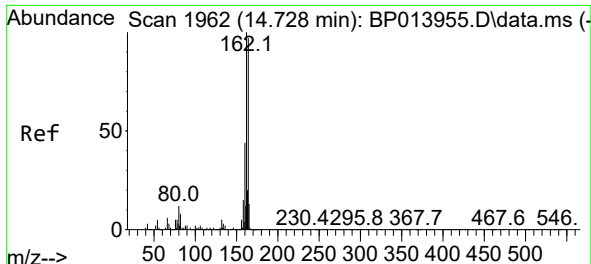
Tgt Ion: 82 Resp: 1340671
Ion Ratio Lower Upper
82 100
128 36.5 31.1 46.7
54 49.2 40.0 60.0



#32
Benzoic acid
Concen: 2.711 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.018 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

Tgt Ion:122 Resp: 86
Ion Ratio Lower Upper
122 100
105 55.3 108.2 148.2#
77 402.1 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1953

Delta R.T. -0.000 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

Instrument :

BNA_P

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL

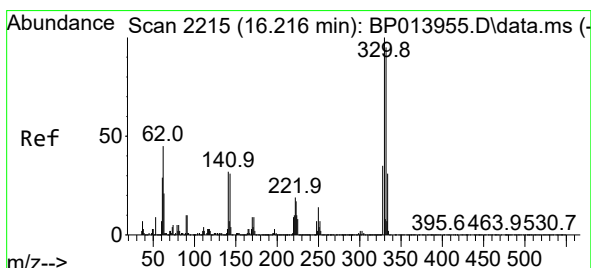
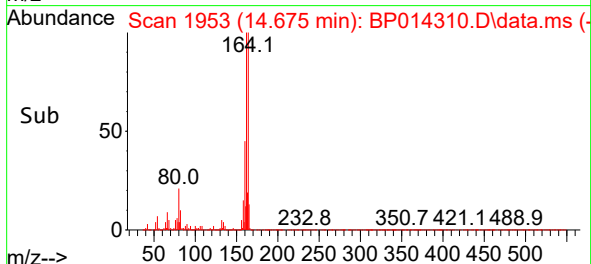
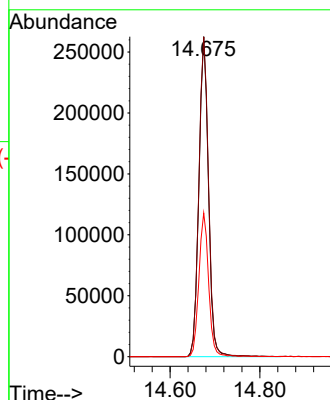
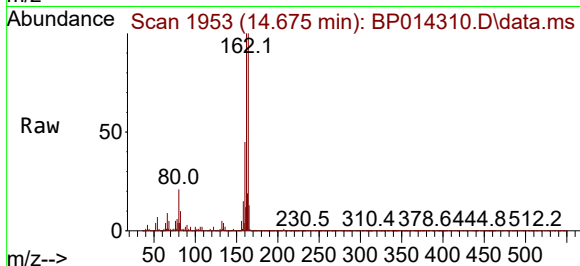
Tgt Ion:164 Resp: 386859

Ion Ratio Lower Upper

164 100

162 100.0 82.1 123.1

160 44.9 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 126.646 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

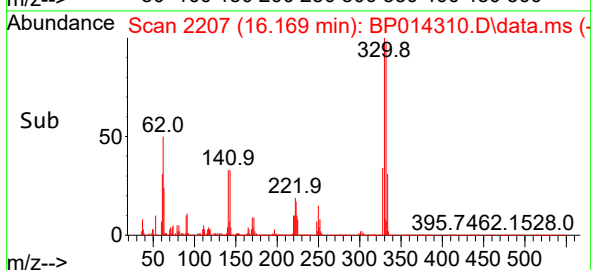
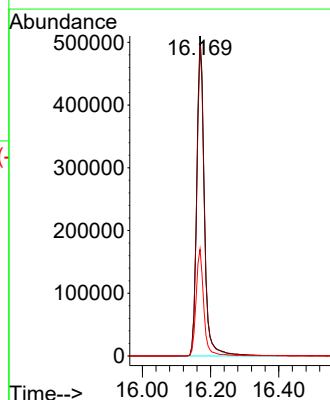
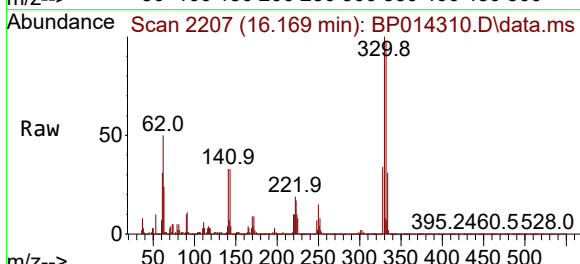
Tgt Ion:330 Resp: 794366

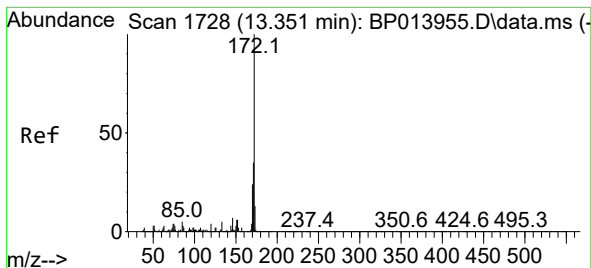
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 33.3 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 87.893 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

Instrument :

BNA_P

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL

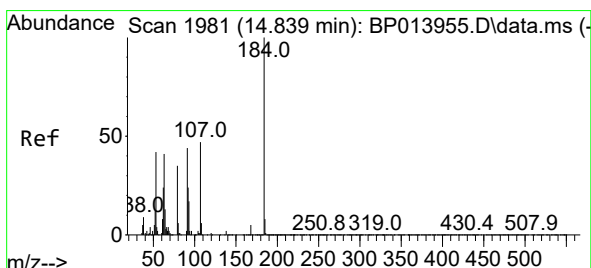
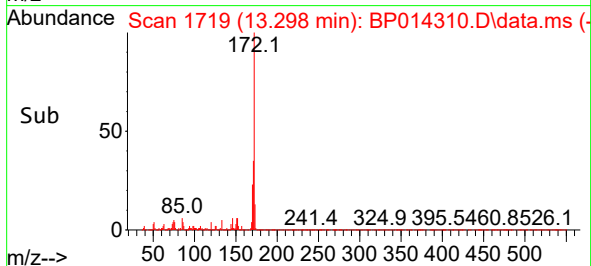
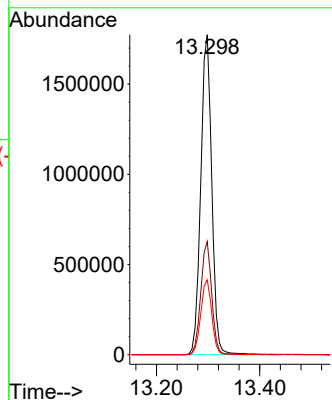
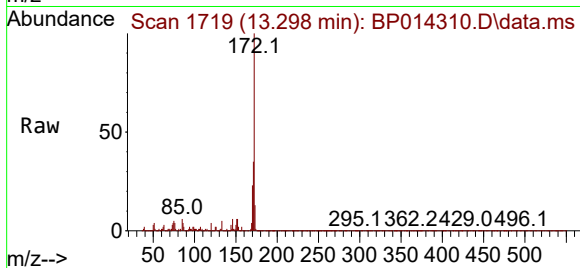
Tgt Ion:172 Resp: 2624488

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.080 ng

RT: 14.804 min Scan# 1975

Delta R.T. 0.006 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

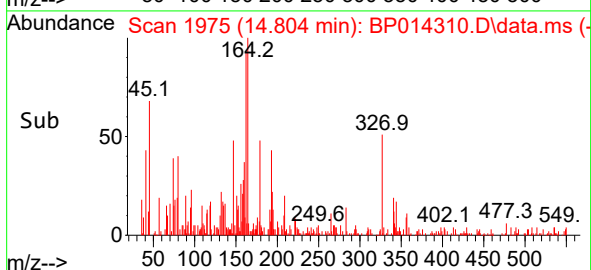
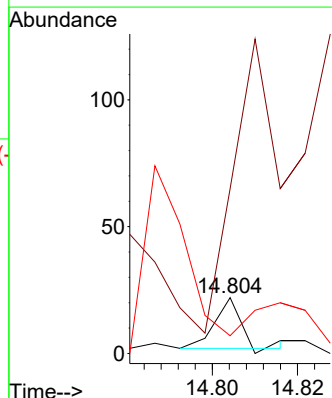
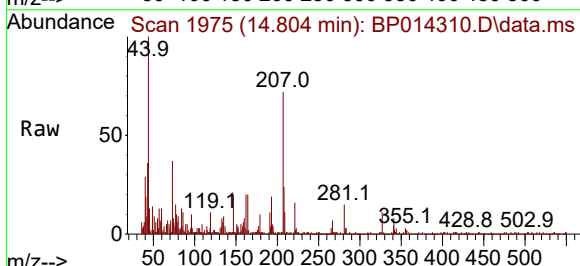
Tgt Ion:184 Resp: 9

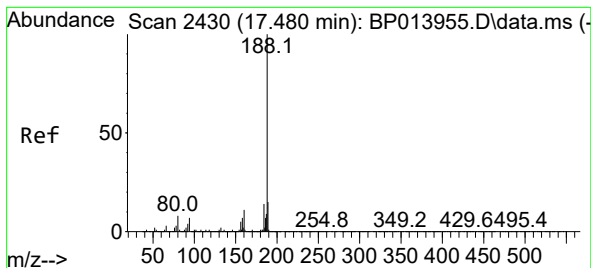
Ion Ratio Lower Upper

184 100

63 295.5 52.4 78.6#

154 31.8 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

Instrument :

BNA_P

ClientSampleId :

TP-11-TEST-PIT-ON-CENTRAL

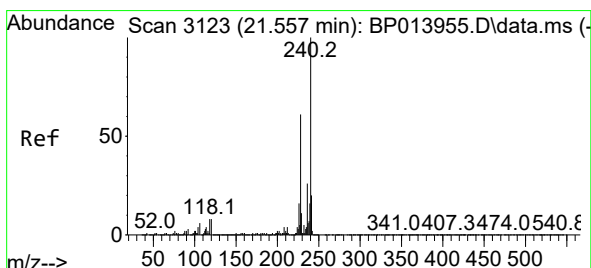
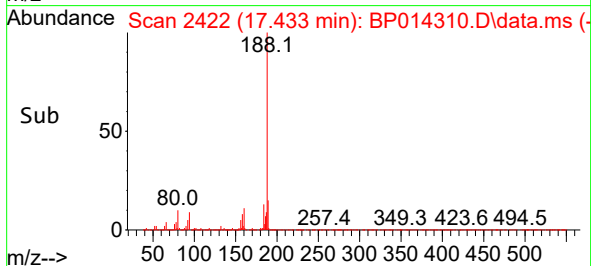
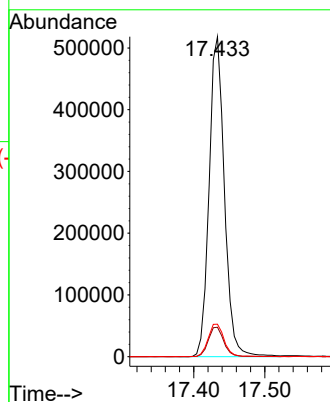
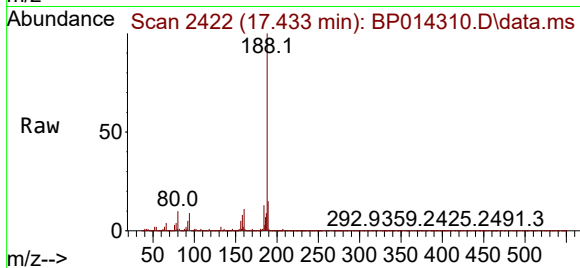
Tgt Ion:188 Resp: 777222

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

80 10.2 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP014310.D

Acq: 25 Mar 2023 03:31

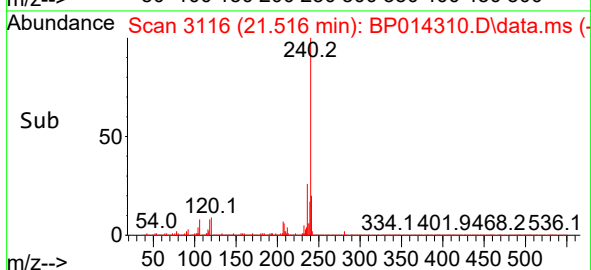
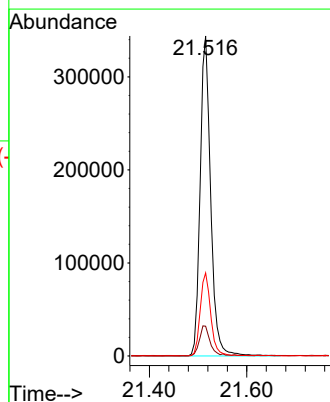
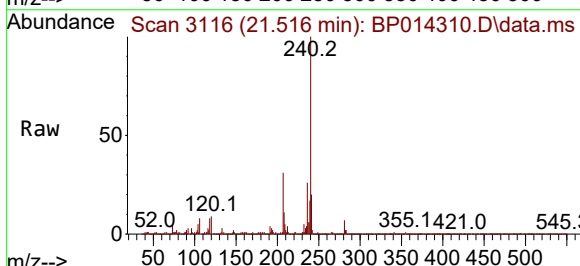
Tgt Ion:240 Resp: 518514

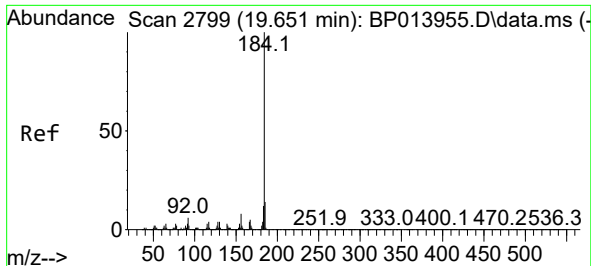
Ion Ratio Lower Upper

240 100

120 9.3 6.4 9.6

236 26.0 21.2 31.8

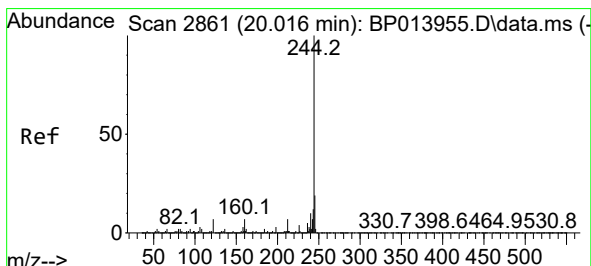
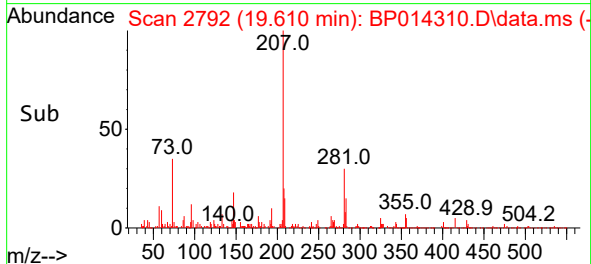
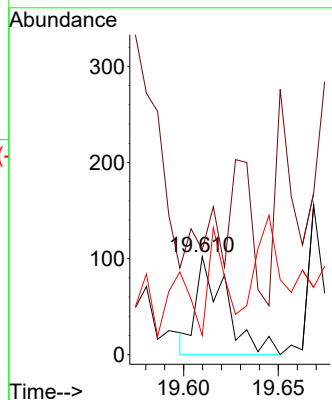
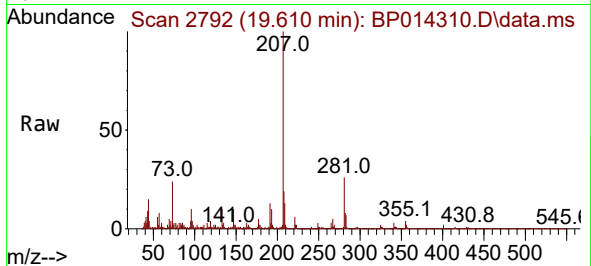




#77
Benzidine
Concen: 2.844 ng
RT: 19.610 min Scan# 211
Delta R.T. -0.012 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

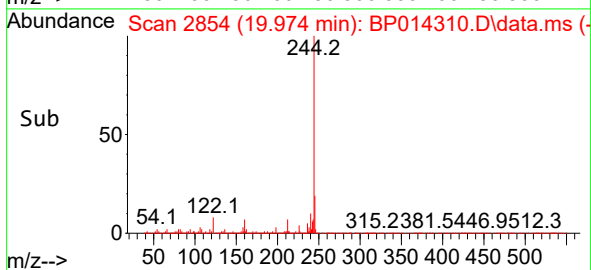
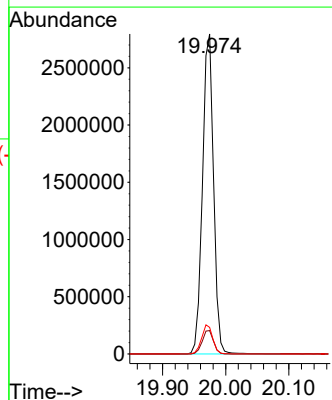
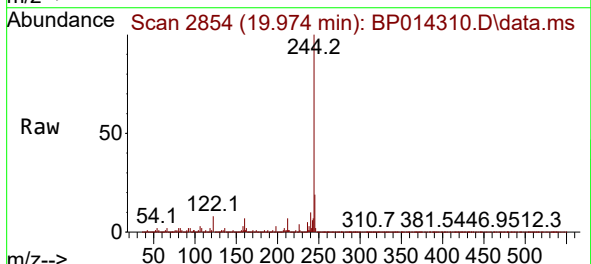
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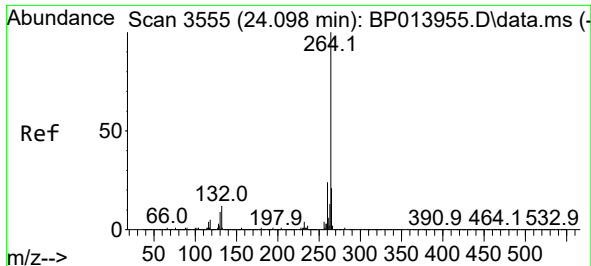
Tgt Ion:184 Resp: 114
Ion Ratio Lower Upper
184 100
185 106.9 11.6 17.4#
183 19.6 9.7 14.5#



#79
Terphenyl-d14
Concen: 107.973 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

Tgt Ion:244 Resp: 3395226
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP014310.D
Acq: 25 Mar 2023 03:31

Instrument :
BNA_P
ClientSampleId :
TP-11-TEST-PIT-ON-CENTRAL

Tgt Ion:264 Resp: 544833

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.6	17.8	26.8

