

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014312.D
 Acq On : 25 Mar 2023 04:40
 Operator : CG/JU
 Sample : 02023-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-13-TEST-PIT-ON-GRAVELLY

Quant Time: Mar 25 05:20:22 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)

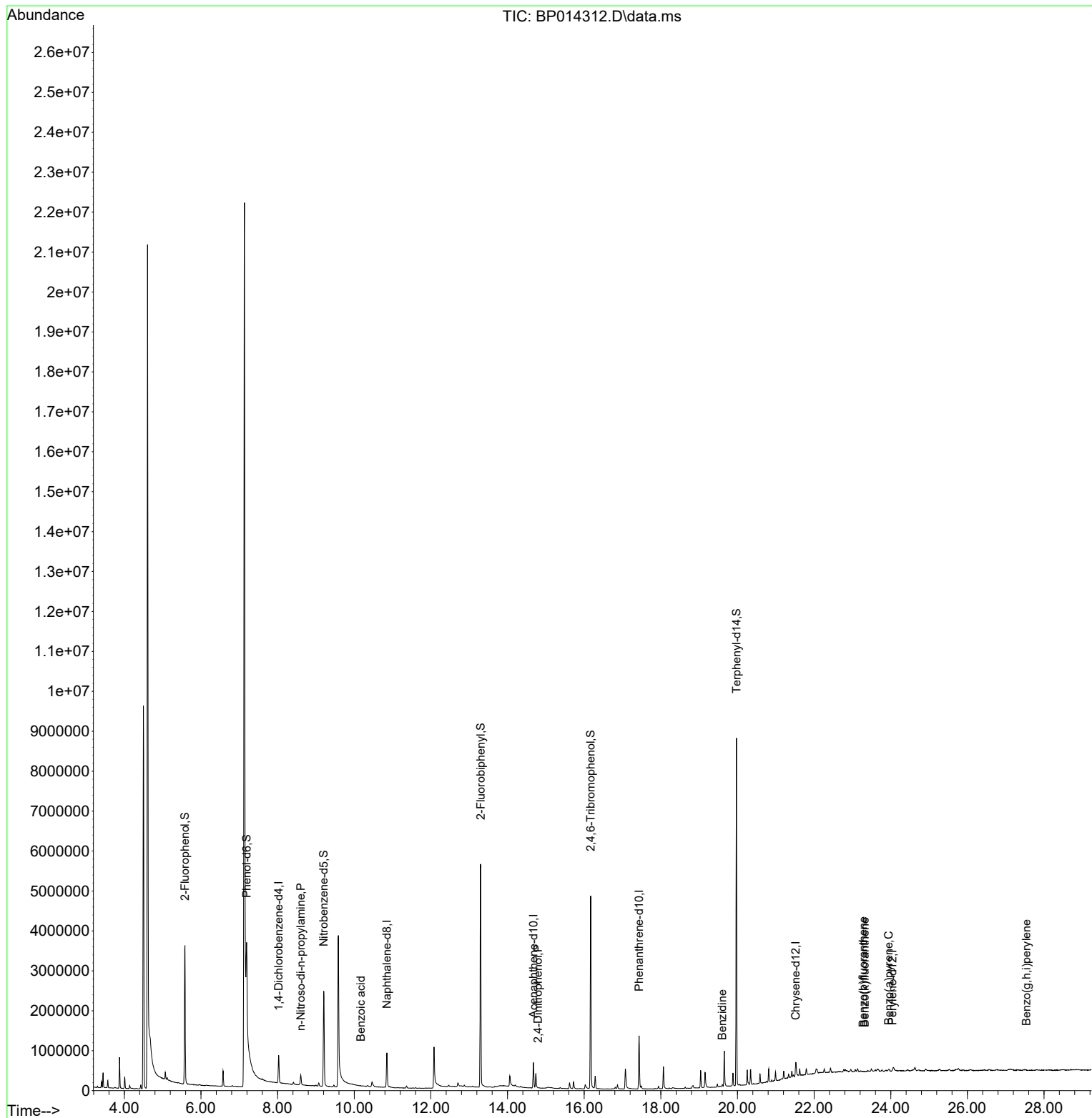
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	173920	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	688536	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	172919	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	722469	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	62929	20.000	ng	# 0.00
86) Perylene-d12	24.045	264	1637	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1402869	130.813	ng	0.00
7) Phenol-d6	7.193	99	911674	64.749	ng	0.00
23) Nitrobenzene-d5	9.205	82	1412443	93.759	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	891232	317.885	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2771925	207.684	ng	0.00
79) Terphenyl-d14	19.975	244	3282940	860.238	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.605	70	23294	2.513	ng	# 46
32) Benzoic acid	10.169	122	32	2.705	ng	# 1
54) 2,4-Dinitrophenol	14.793	184	24	3.089	ng	# 1
77) Benzidine	19.604	184	130	2.919	ng	# 1
88) Benzo(b)fluoranthene	23.280	252	1371	12.790	ng	# 1
89) Benzo(k)fluoranthene	23.321	252	916	8.619	ng	# 1
90) Benzo(a)pyrene	23.945	252	1371	13.409	ng	# 1
92) Benzo(g,h,i)perylene	27.539	276	299	2.869	ng	# 2

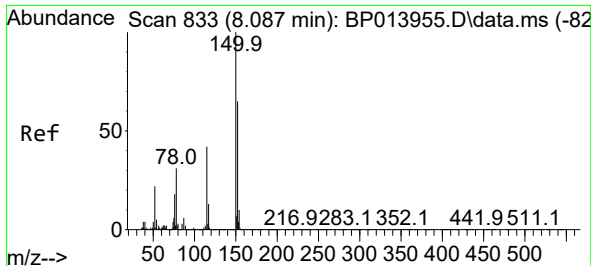
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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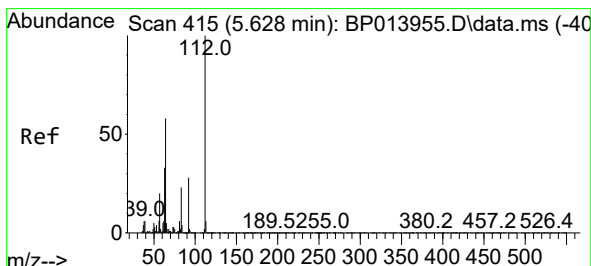
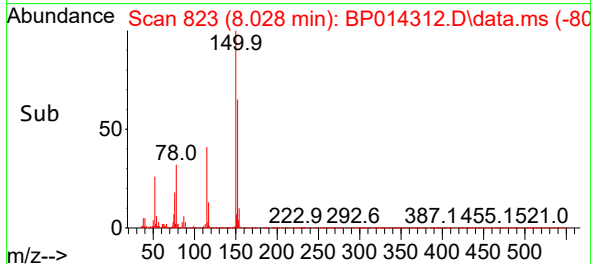
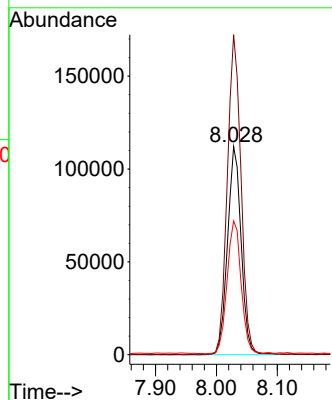
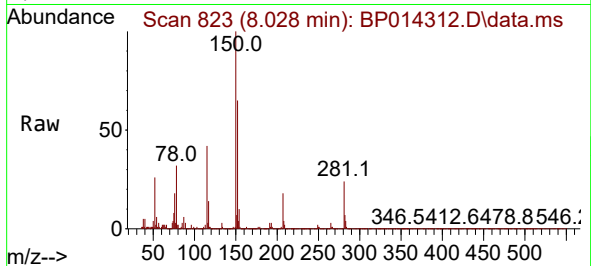




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

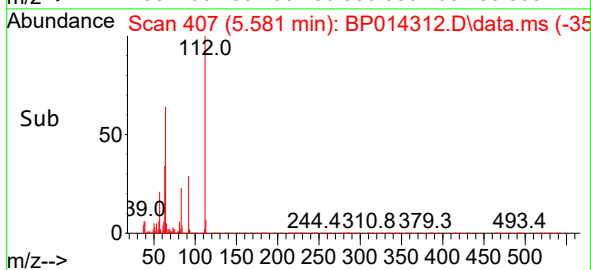
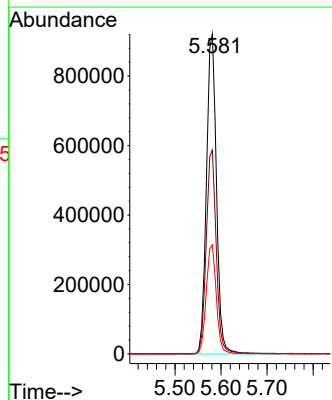
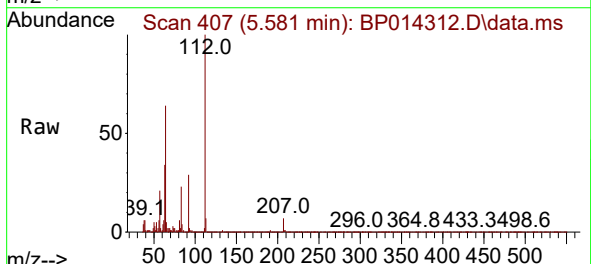
Instrument :
BNA_P
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

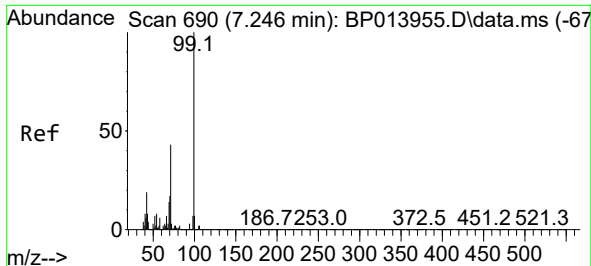
Tgt Ion:152 Resp: 173920
Ion Ratio Lower Upper
152 100
150 153.8 122.3 183.5
115 64.3 51.6 77.4



#5
2-Fluorophenol
Concen: 130.813 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

Tgt Ion:112 Resp: 1402869
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 34.1 26.6 40.0

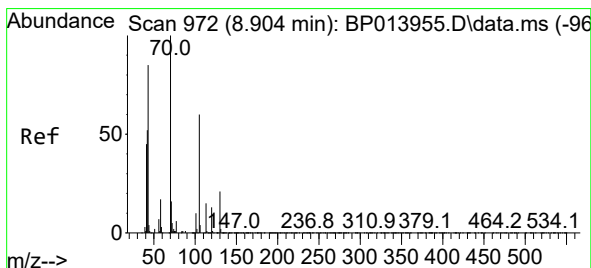
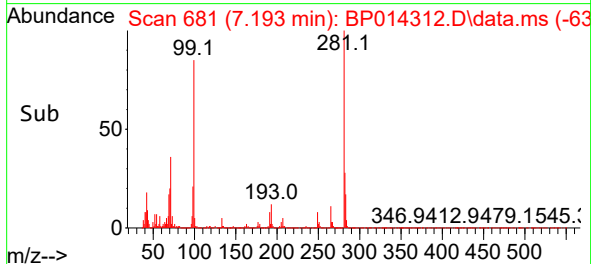
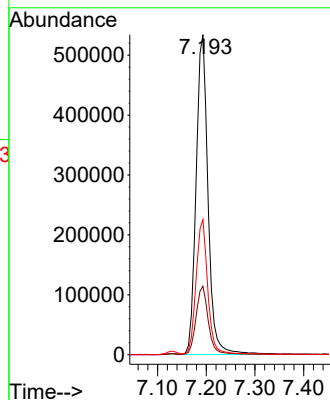
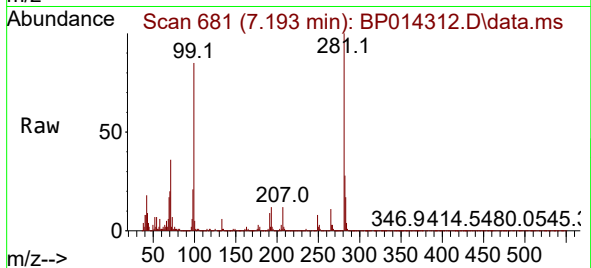




#7
Phenol-d6
Concen: 64.749 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

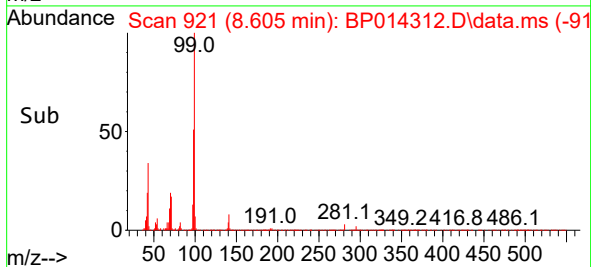
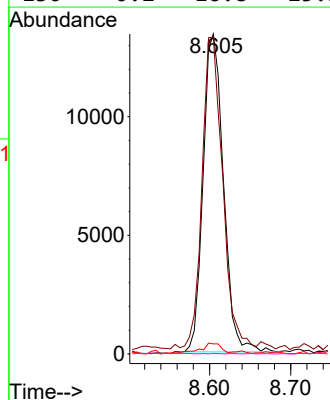
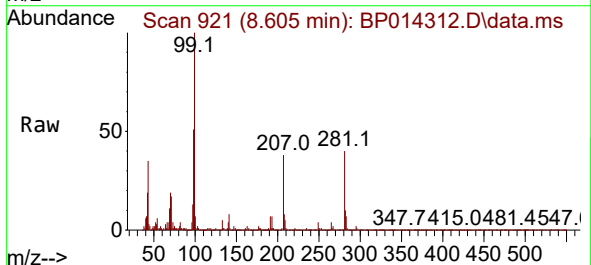
Instrument :
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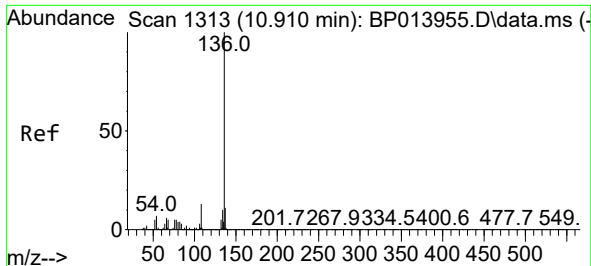
Tgt Ion: 99 Resp: 911674
Ion Ratio Lower Upper
99 100
42 21.4 15.0 22.6
71 42.2 34.3 51.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.513 ng
RT: 8.605 min Scan# 921
Delta R.T. -0.241 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

Tgt Ion: 70 Resp: 23294
Ion Ratio Lower Upper
70 100
42 99.0 42.4 63.6#
101 3.2 8.2 12.4#
130 0.2 16.8 25.2#

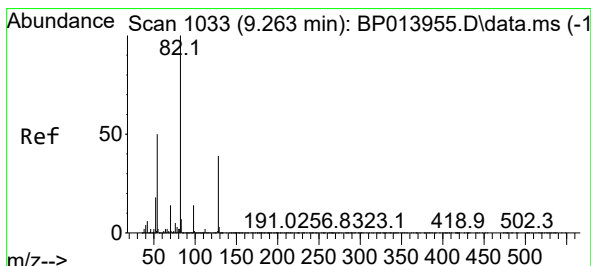
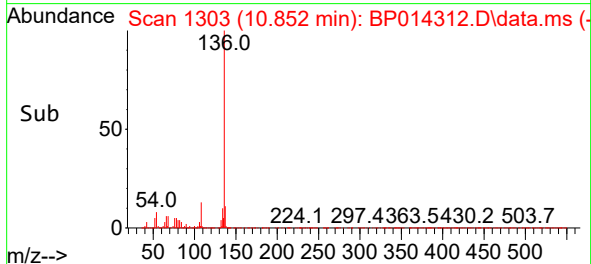
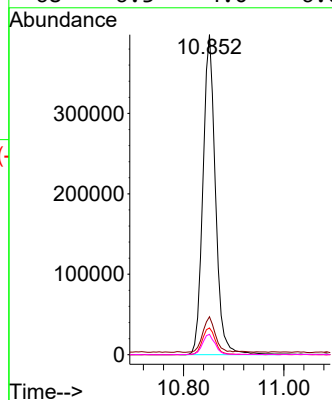
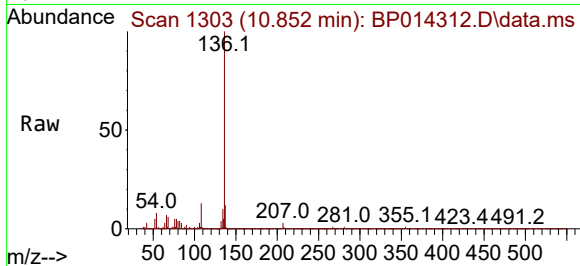




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

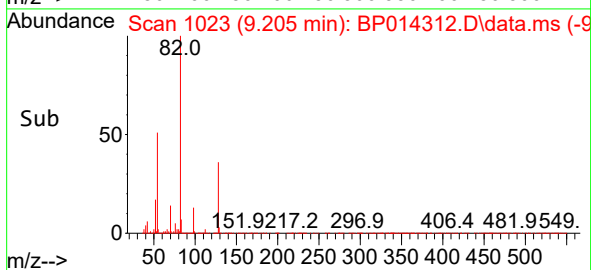
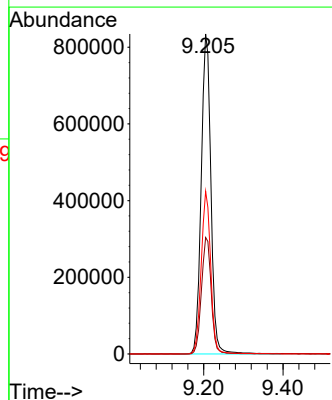
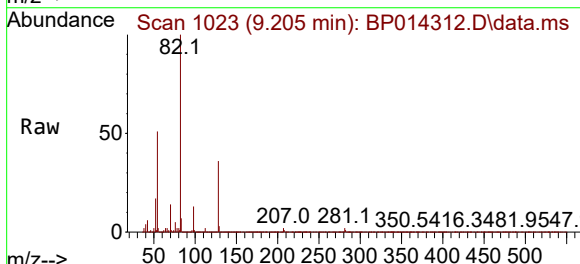
Instrument :
BNA_P
ClientSampleId :
TP-13-TEST-PIT-ON-GRAVELLY

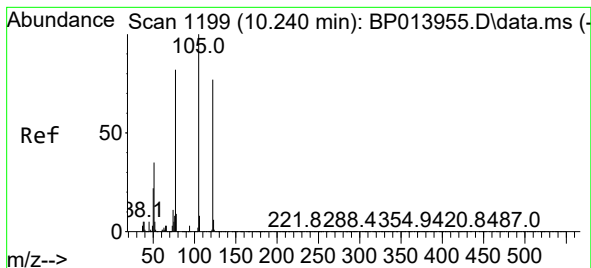
Tgt Ion:136 Resp: 688536
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.4 5.8 8.8
68 6.3 4.0 6.0#



#23
Nitrobenzene-d5
Concen: 93.759 ng
RT: 9.205 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

Tgt Ion: 82 Resp: 1412443
Ion Ratio Lower Upper
82 100
128 36.4 31.1 46.7
54 50.8 40.0 60.0





#32

Benzoic acid

Concen: 2.705 ng

RT: 10.169 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Instrument :

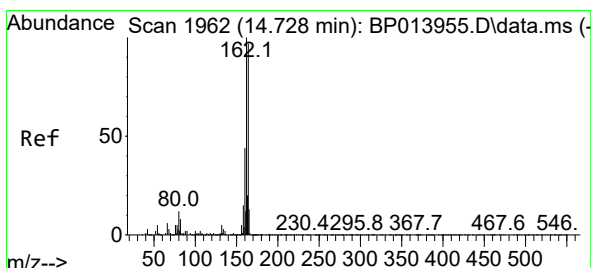
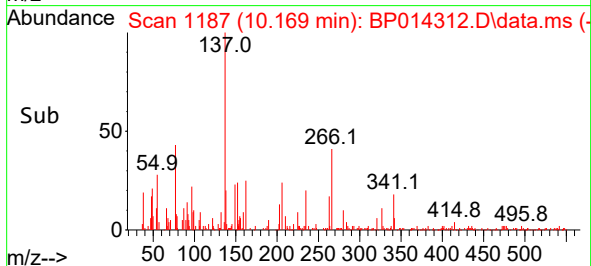
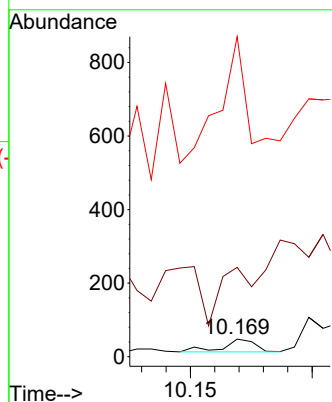
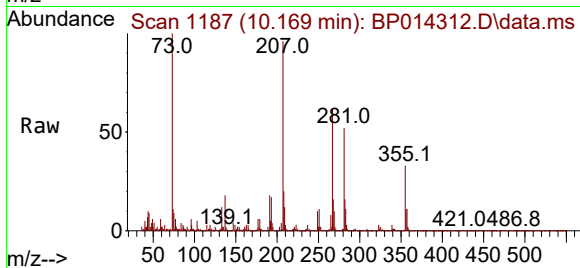
BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

Tgt Ion:122 Resp: 32

Ion	Ratio	Lower	Upper
122	100		
105	352.2	108.2	148.2#
77	1260.9	85.2	125.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1953

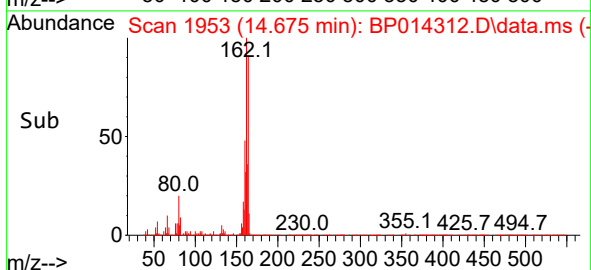
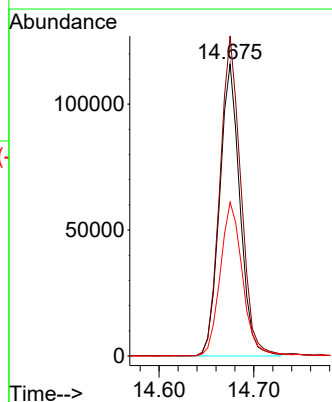
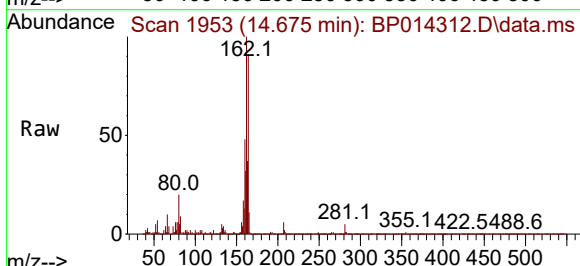
Delta R.T. 0.000 min

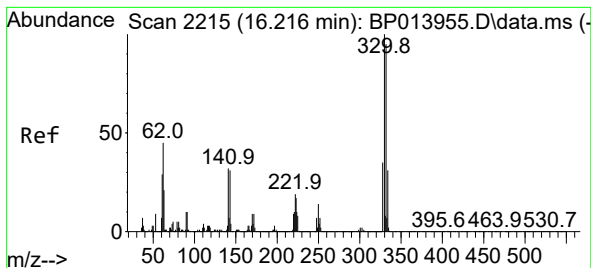
Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Tgt Ion:164 Resp: 172919

Ion	Ratio	Lower	Upper
164	100		
162	109.6	82.1	123.1
160	52.7	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 317.885 ng

RT: 16.169 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Instrument :

BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

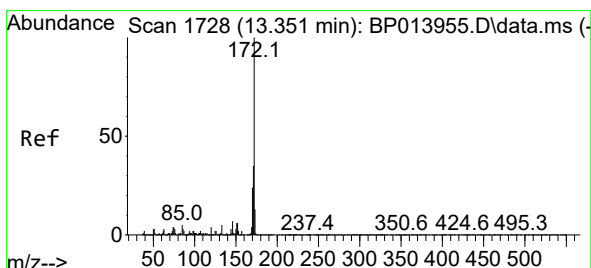
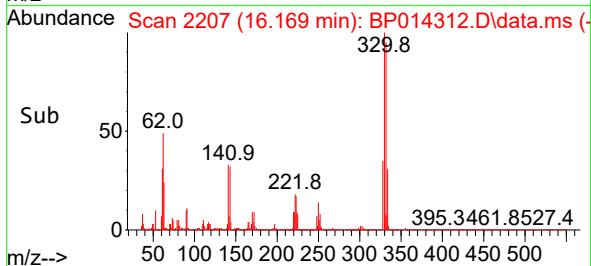
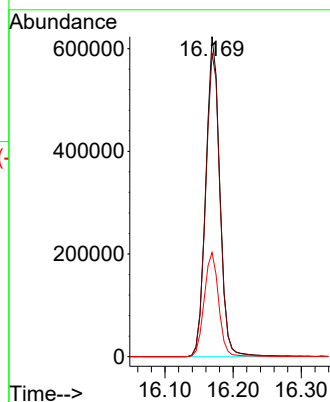
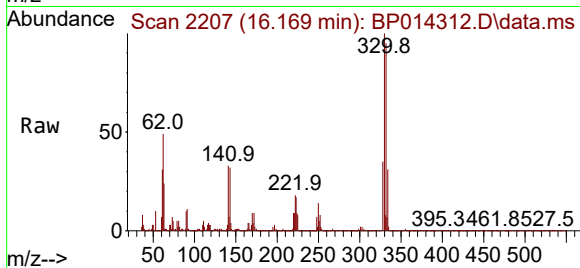
Tgt Ion:330 Resp: 891232

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 33.7 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 207.684 ng

RT: 13.298 min Scan# 1719

Delta R.T. 0.000 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

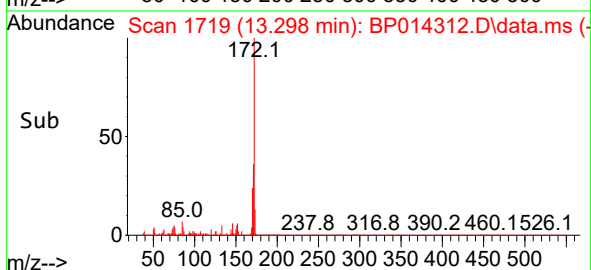
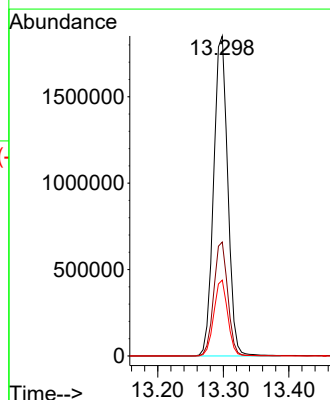
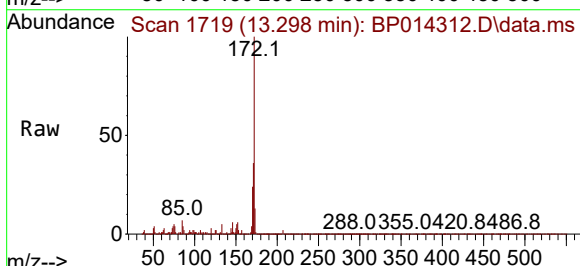
Tgt Ion:172 Resp: 2771925

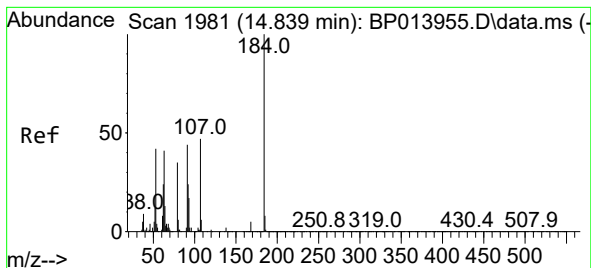
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4

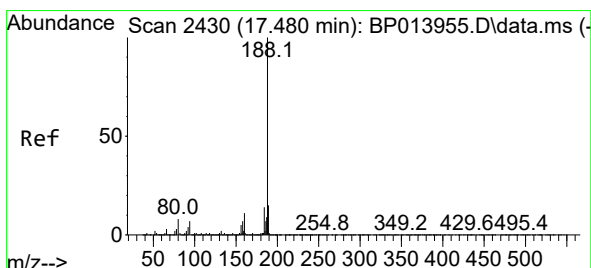
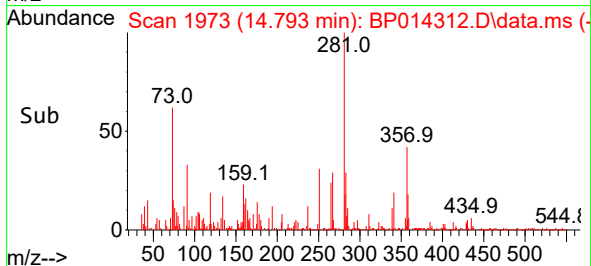
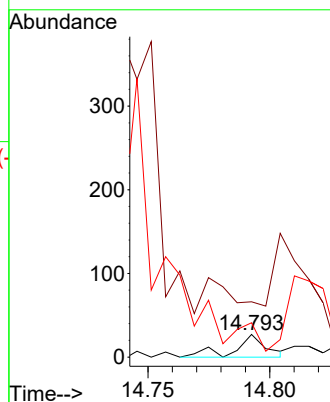
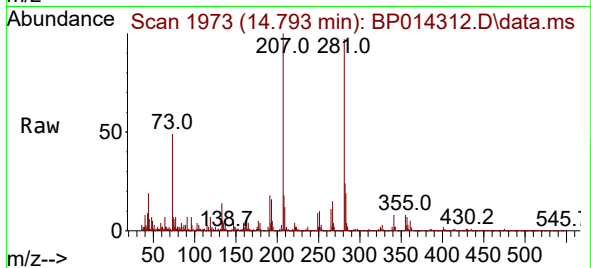




#54
2,4-Dinitrophenol
Concen: 3.089 ng
RT: 14.793 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

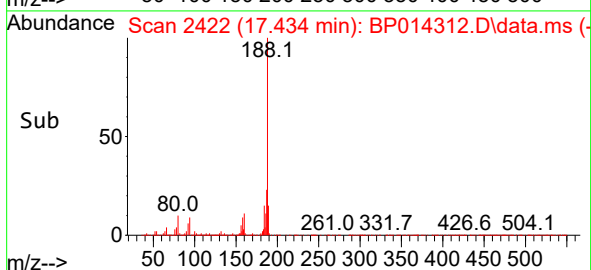
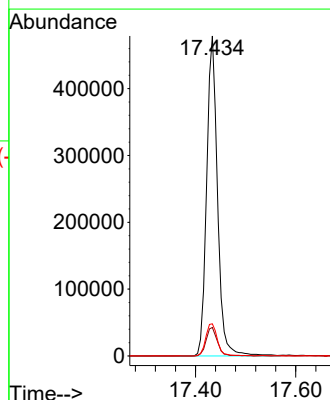
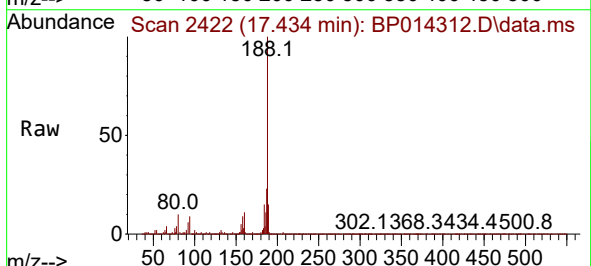
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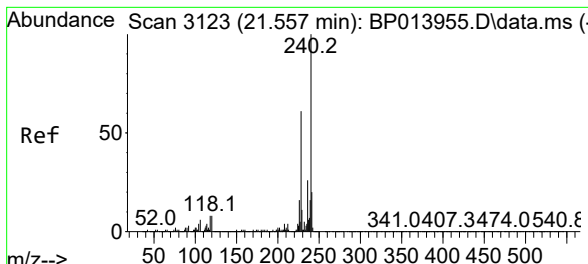
Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 244.4 52.4 78.6#
154 151.9 59.4 89.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

Tgt Ion:188 Resp: 722469
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.6#
80 10.1 6.6 9.8#

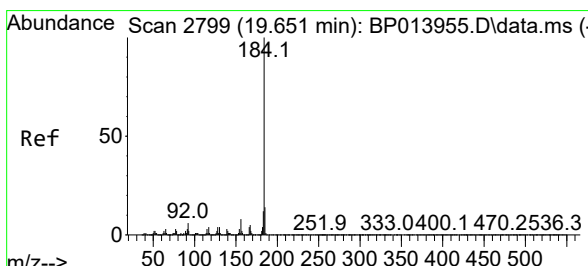
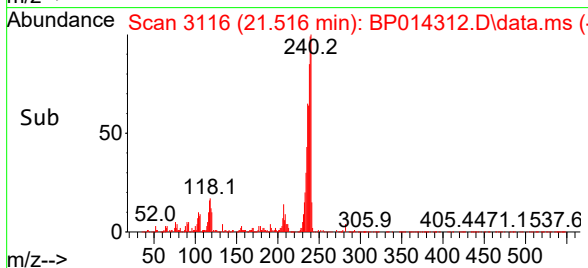
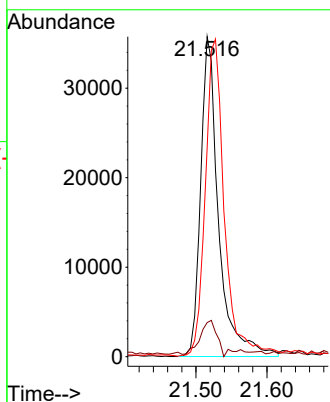
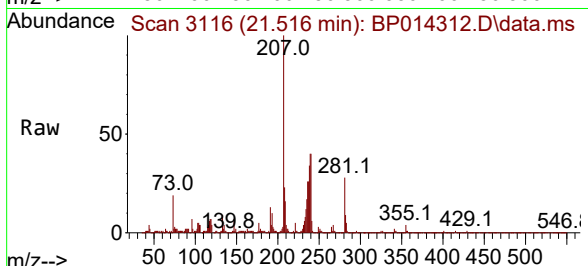




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

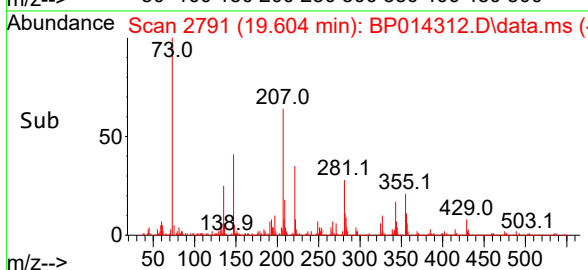
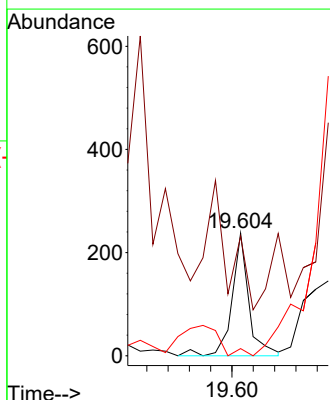
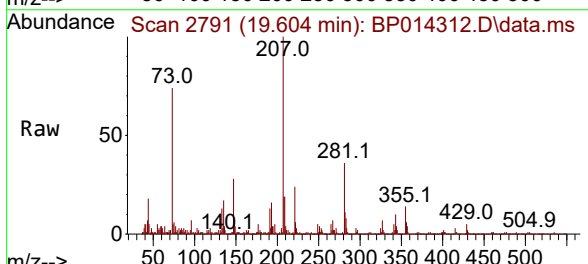
Instrument : BNA_P
ClientSampleId : TP-13-TEST-PIT-ON-GRAVELLY

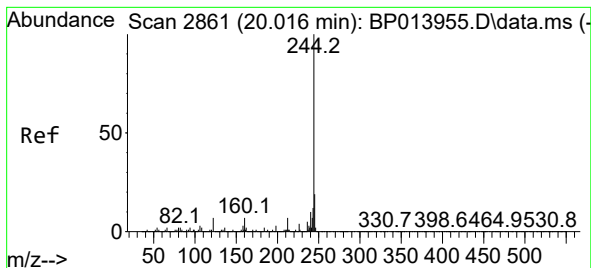
Tgt Ion:	240	Resp:	62929
Ion Ratio	Lower	Upper	
240	100		
120	10.6	6.4	9.6#
236	65.3	21.2	31.8#



#77
Benzidine
Concen: 2.919 ng
RT: 19.604 min Scan# 2791
Delta R.T. -0.018 min
Lab File: BP014312.D
Acq: 25 Mar 2023 04:40

Tgt Ion:	184	Resp:	130
Ion Ratio	Lower	Upper	
184	100		
185	97.5	11.6	17.4#
183	5.9	9.7	14.5#





#79

Terphenyl-d14

Concen: 860.238 ng

RT: 19.975 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Instrument :

BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

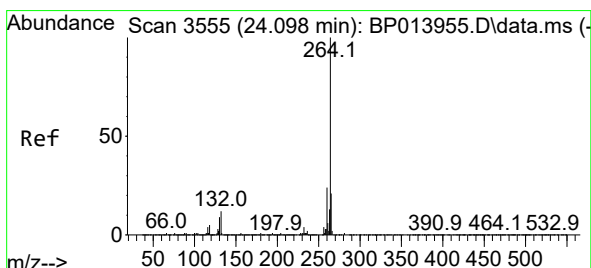
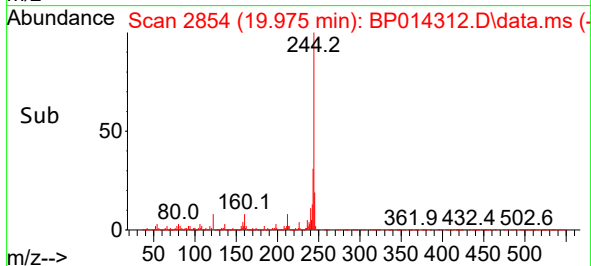
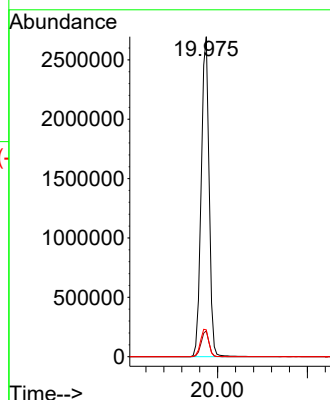
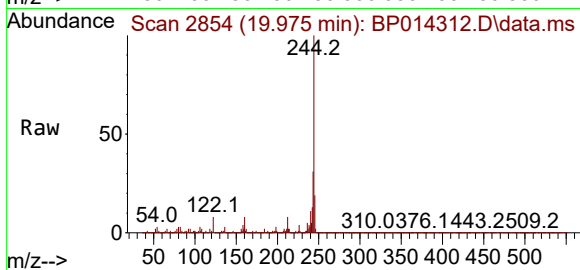
Tgt Ion:244 Resp: 3282940

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 8.4 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.045 min Scan# 3546

Delta R.T. 0.012 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

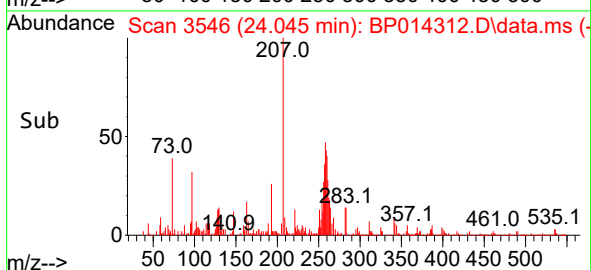
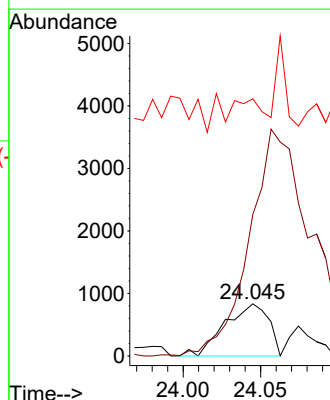
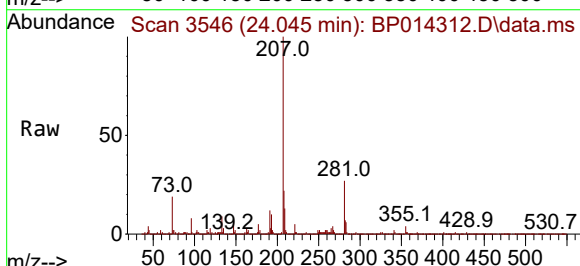
Tgt Ion:264 Resp: 1637

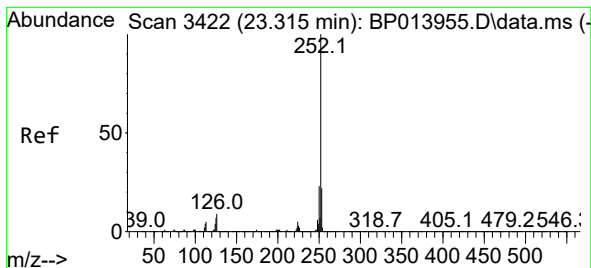
Ion Ratio Lower Upper

264 100

260 271.7 19.4 29.2#

265 493.3 17.8 26.8#





#88

Benzo(b)fluoranthene

Concen: 12.790 ng

RT: 23.280 min Scan# 3422

Delta R.T. 0.018 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Instrument :

BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

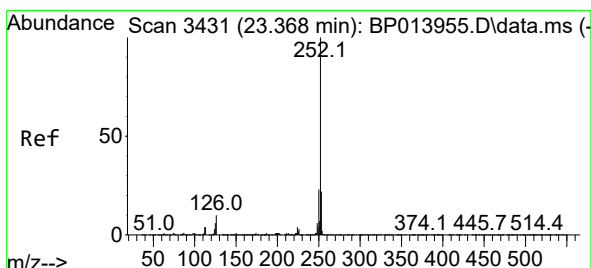
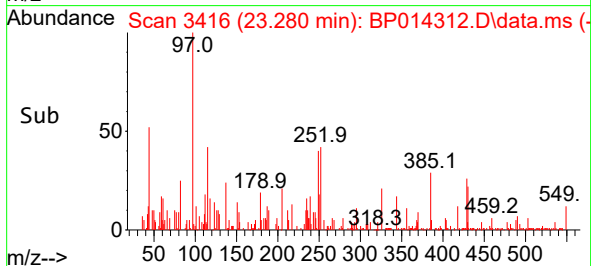
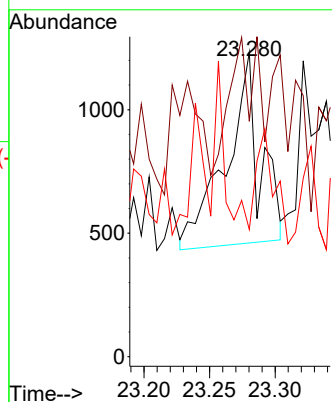
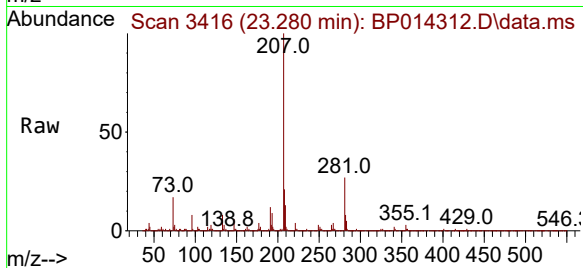
Tgt Ion:252 Resp: 1371

Ion Ratio Lower Upper

252 100

253 77.3 17.5 26.3#

125 41.8 5.6 8.4#



#89

Benzo(k)fluoranthene

Concen: 8.619 ng

RT: 23.321 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

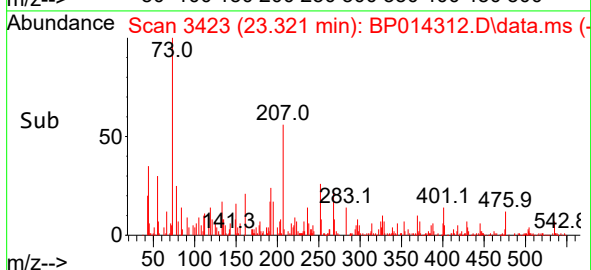
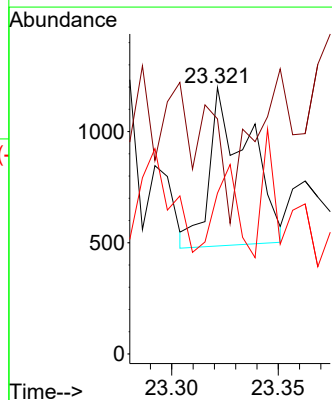
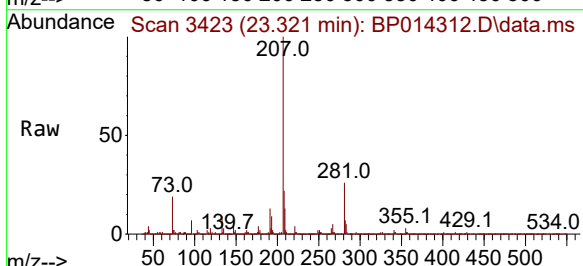
Tgt Ion:252 Resp: 916

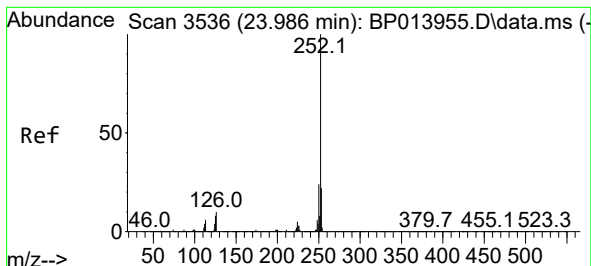
Ion Ratio Lower Upper

252 100

253 88.2 17.4 26.0#

125 82.4 5.4 8.0#





#90

Benzo(a)pyrene

Concen: 13.409 ng

RT: 23.945 min Scan# 3

Delta R.T. 0.024 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Instrument :

BNA_P

ClientSampleId :

TP-13-TEST-PIT-ON-GRAVELLY

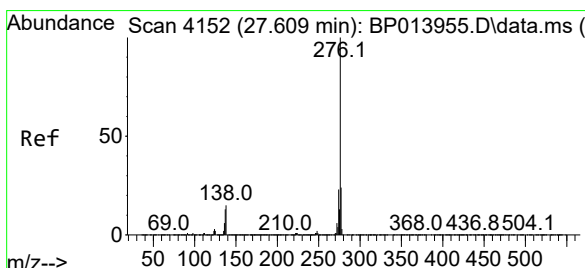
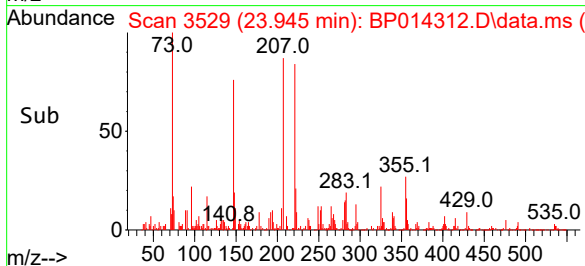
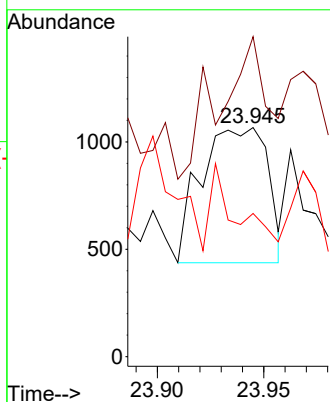
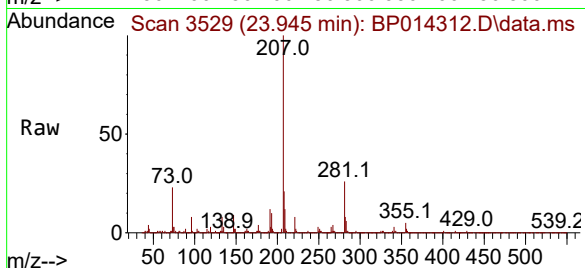
Tgt Ion:252 Resp: 1371

Ion Ratio Lower Upper

252 100

253 139.6 17.4 26.2#

125 88.5 6.2 9.4#



#92

Benzo(g,h,i)perylene

Concen: 2.869 ng

RT: 27.539 min Scan# 4140

Delta R.T. 0.035 min

Lab File: BP014312.D

Acq: 25 Mar 2023 04:40

Tgt Ion:276 Resp: 299

Ion Ratio Lower Upper

276 100

277 56.0 19.4 29.0#

138 78.3 12.2 18.4#

