

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014309.D
 Acq On : 25 Mar 2023 02:57
 Operator : CG/JU
 Sample : 01975-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHAMBER-C-72-WEST

Quant Time: Mar 25 03:30:54 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)

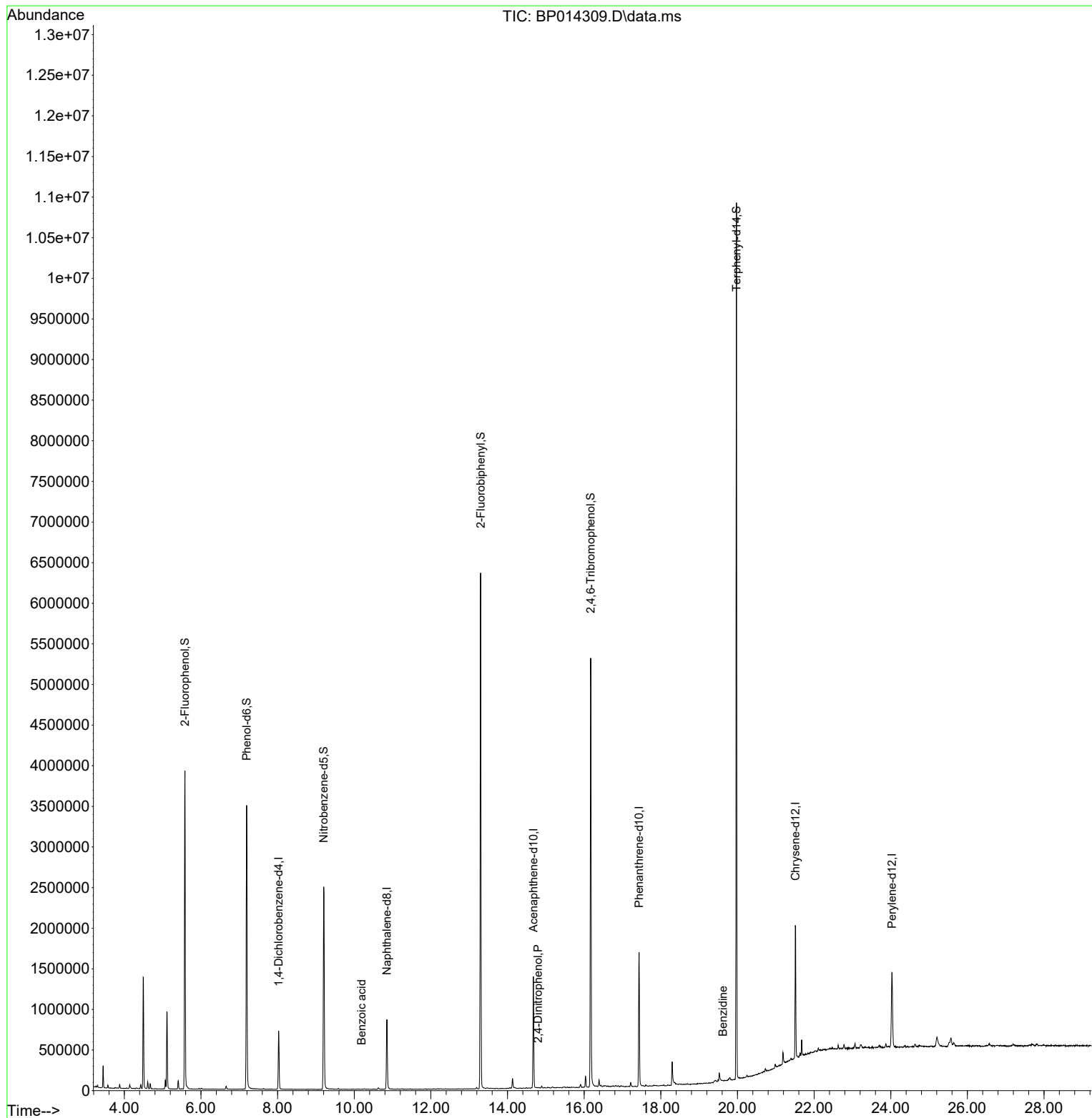
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	178256	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	680080	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	446966	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	990383	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	820540	20.000	ng	# 0.00
86) Perylene-d12	24.033	264	754457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1538715	139.990	ng	0.00
7) Phenol-d6	7.193	99	1895419	131.342	ng	0.00
23) Nitrobenzene-d5	9.205	82	1515887	101.877	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	1027224	141.747	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	3123926	90.550	ng	0.00
79) Terphenyl-d14	19.975	244	5048237	101.449	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.193	122	38	2.705	ng	# 1
54) 2,4-Dinitrophenol	14.793	184	7	3.080	ng	# 1
77) Benzidine	19.622	184	126	2.841	ng	# 1

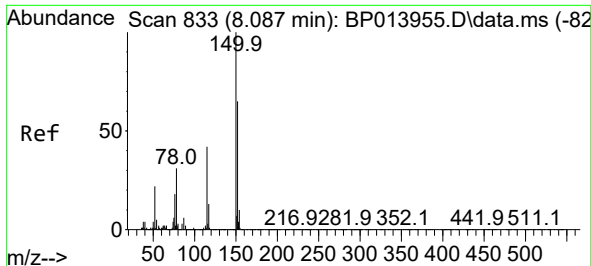
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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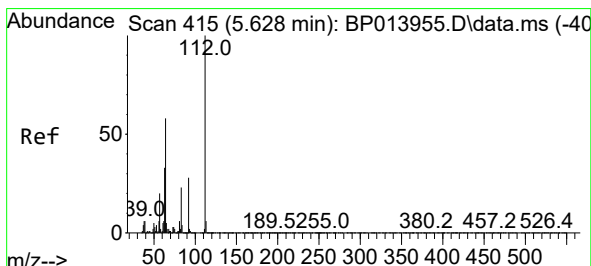
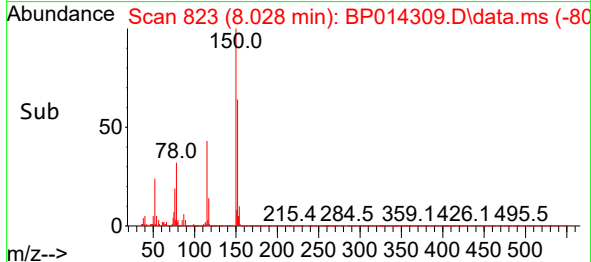
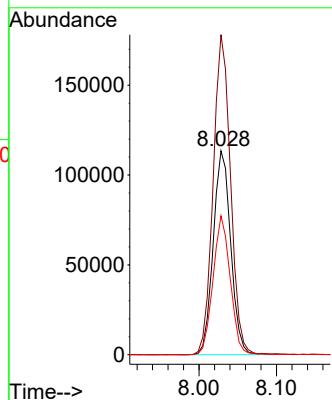
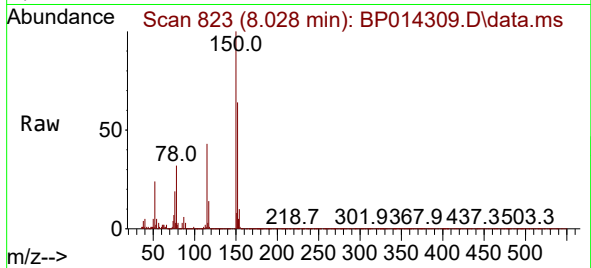




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

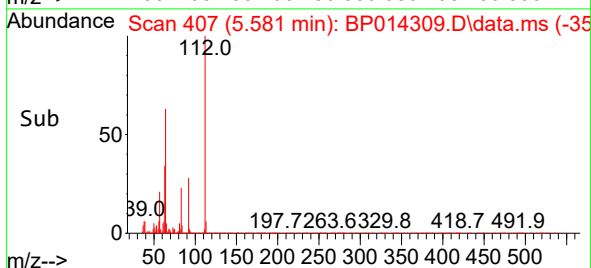
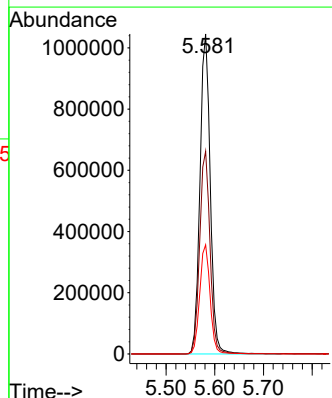
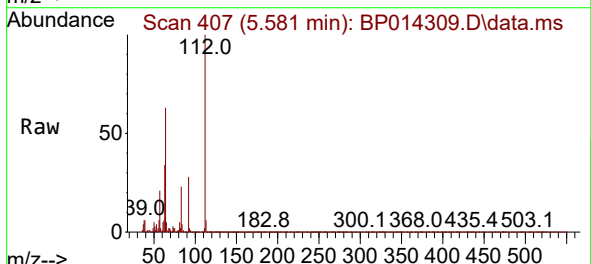
Instrument :
BNA_P
ClientSampleId :
CHAMBER-C-72-WEST

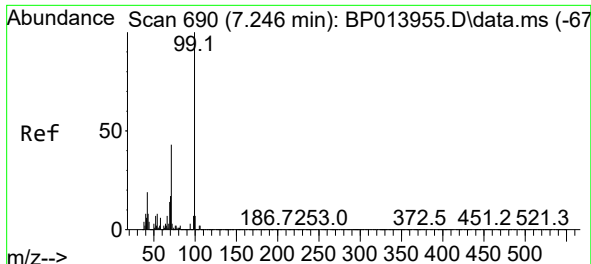
Tgt Ion:152 Resp: 178256
Ion Ratio Lower Upper
152 100
150 157.0 122.3 183.5
115 68.2 51.6 77.4



#5
2-Fluorophenol
Concen: 139.990 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:112 Resp: 1538715
Ion Ratio Lower Upper
112 100
64 63.4 46.7 70.1
63 34.1 26.6 40.0

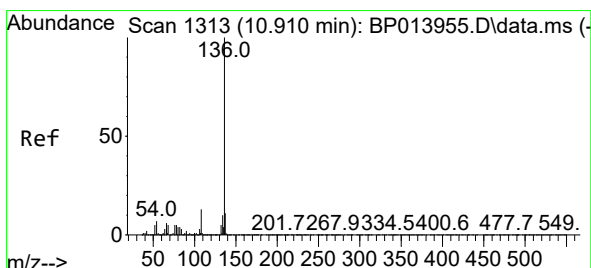
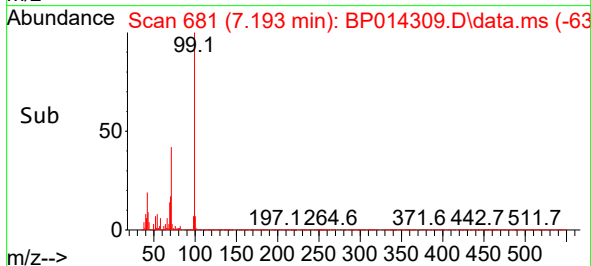
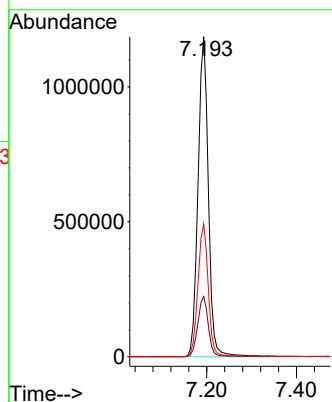
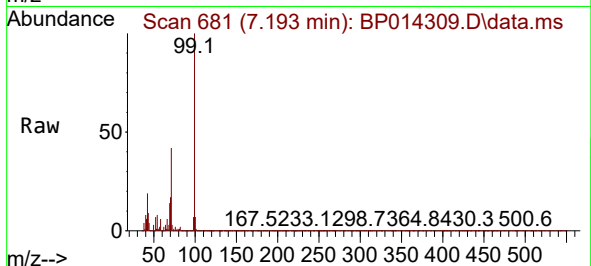




#7
Phenol-d6
Concen: 131.342 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

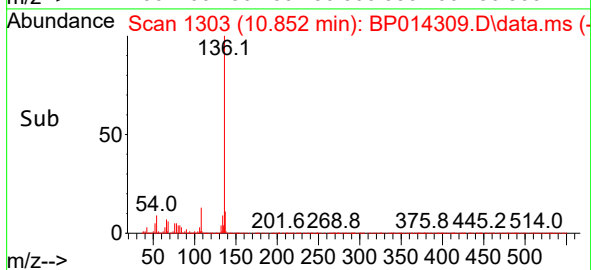
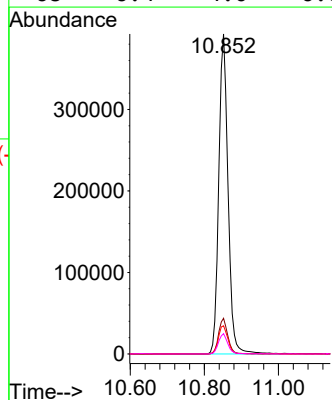
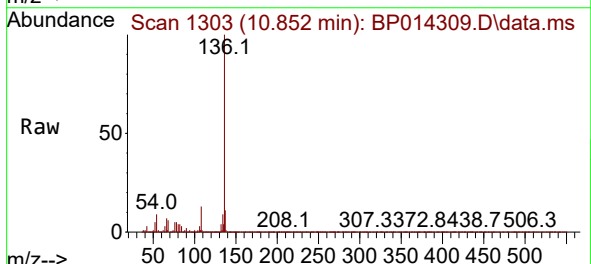
Instrument :
BNA_P
ClientSampleId :
CHAMBER-C-72-WEST

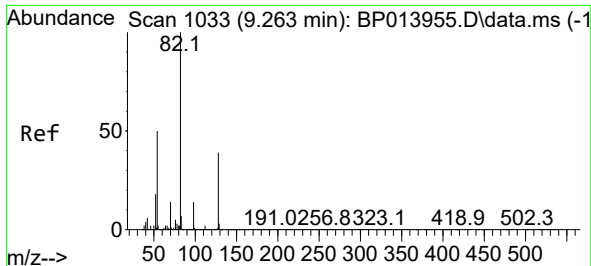
Tgt Ion: 99 Resp: 1895419
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 41.5 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:136 Resp: 680080
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.8 5.8 8.8#
68 6.4 4.0 6.0#

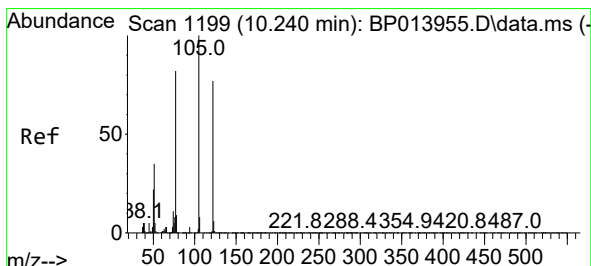
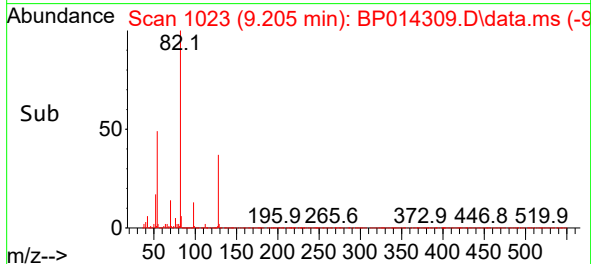
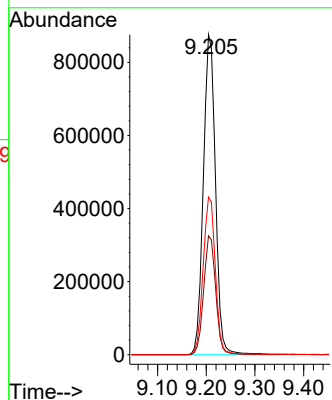
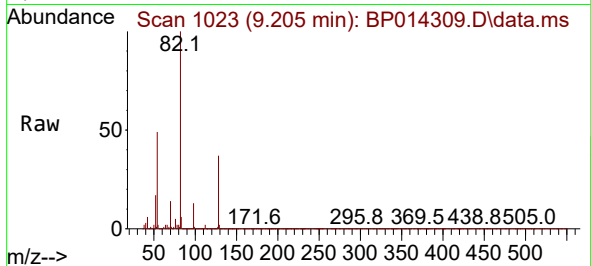




#23
Nitrobenzene-d5
Concen: 101.877 ng
RT: 9.205 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

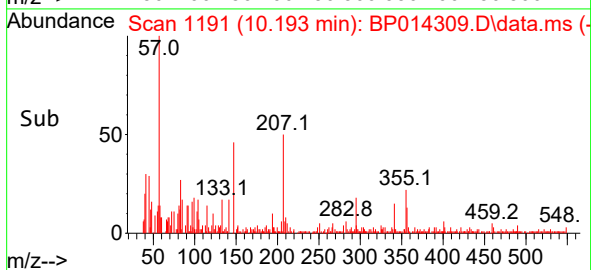
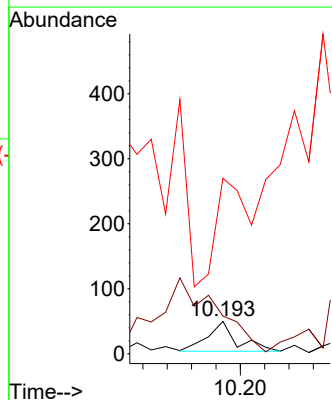
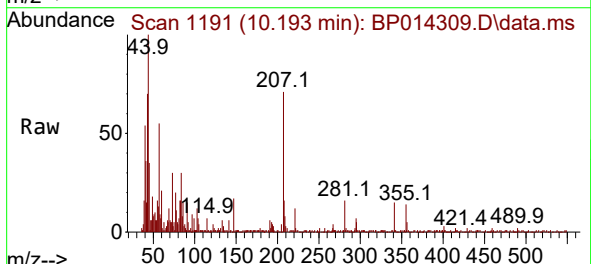
Instrument :
BNA_P
ClientSampleId :
CHAMBER-C-72-WEST

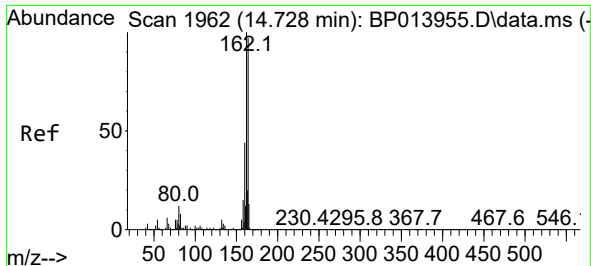
Tgt Ion: 82 Resp: 1515887
Ion Ratio Lower Upper
82 100
128 37.2 31.1 46.7
54 49.3 40.0 60.0



#32
Benzoic acid
Concen: 2.705 ng
RT: 10.193 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:122 Resp: 38
Ion Ratio Lower Upper
122 100
105 116.0 108.2 148.2
77 540.0 85.2 125.2#

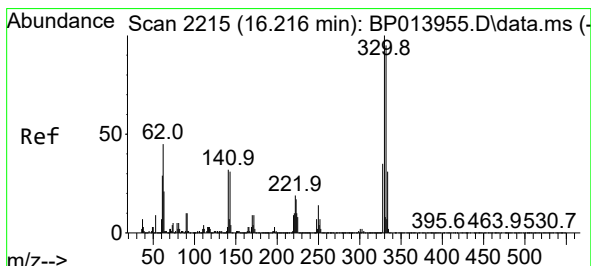
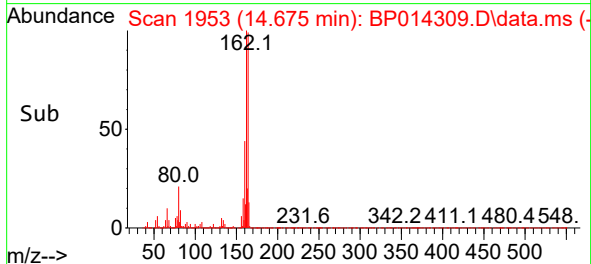
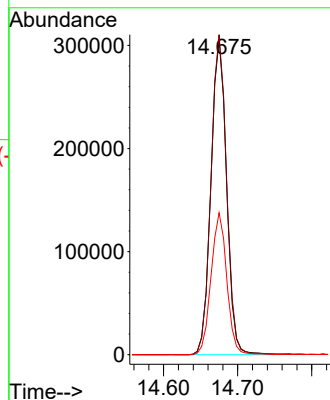
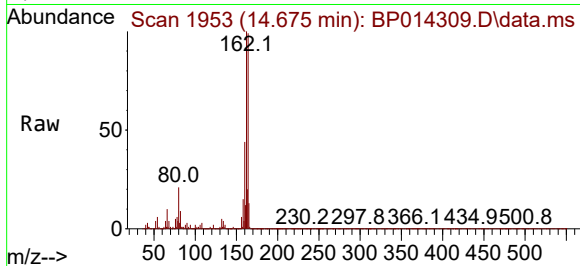




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

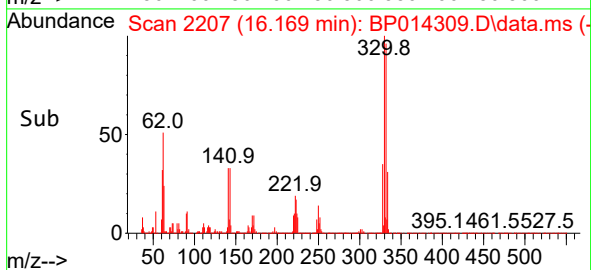
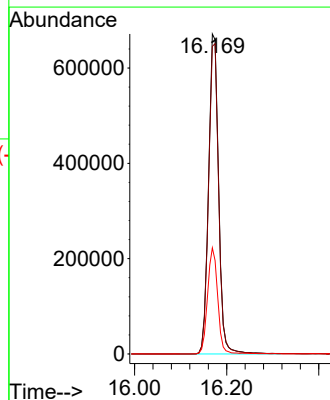
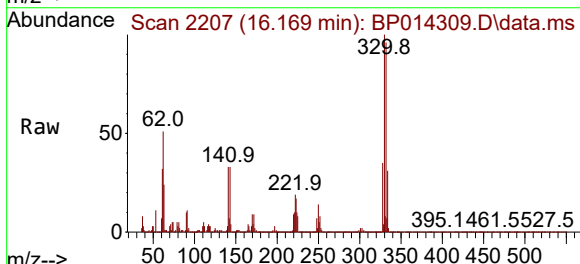
Instrument :
BNA_P
ClientSampleId :
CHAMBER-C-72-WEST

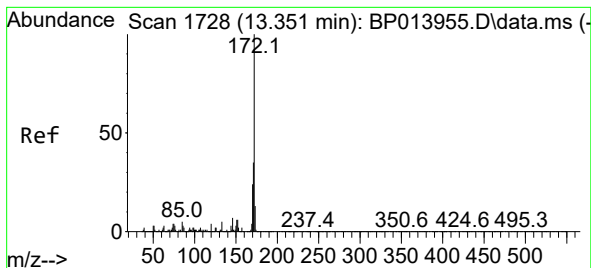
Tgt Ion:164 Resp: 446966
Ion Ratio Lower Upper
164 100
162 101.4 82.1 123.1
160 45.0 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 141.747 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:330 Resp: 1027224
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 33.5 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 90.550 ng

RT: 13.299 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP014309.D

Acq: 25 Mar 2023 02:57

Instrument :

BNA_P

ClientSampleId :

CHAMBER-C-72-WEST

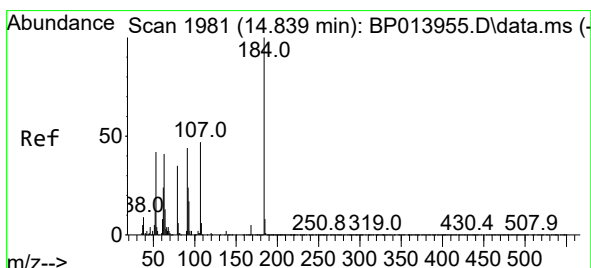
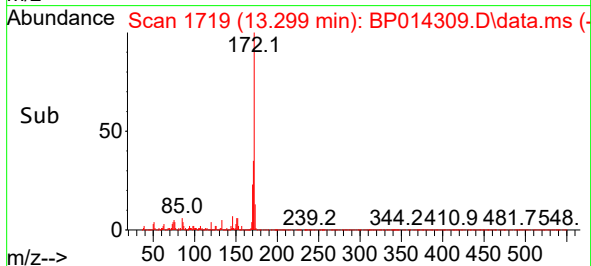
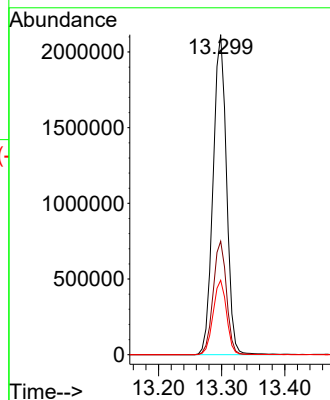
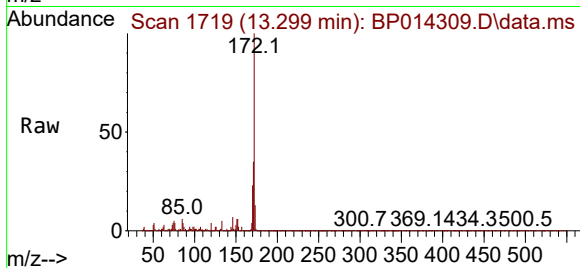
Tgt Ion:172 Resp: 3123926

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.080 ng

RT: 14.793 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BP014309.D

Acq: 25 Mar 2023 02:57

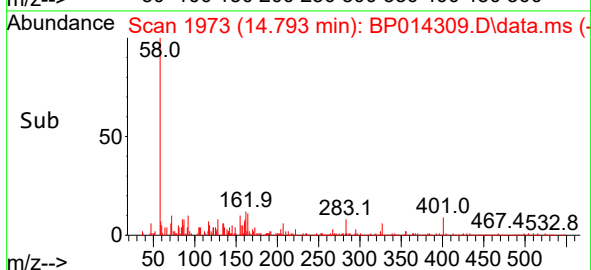
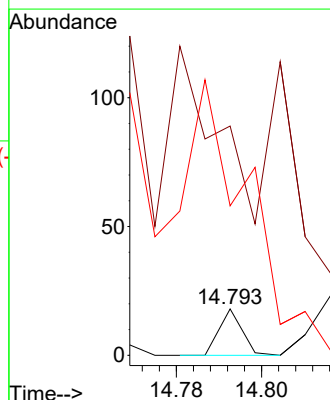
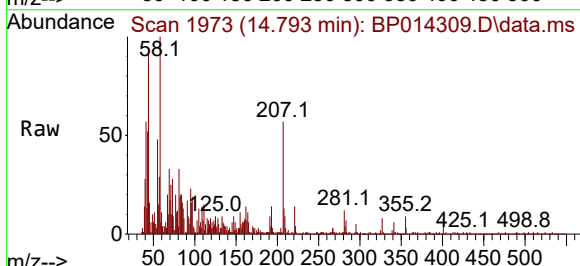
Tgt Ion:184 Resp: 7

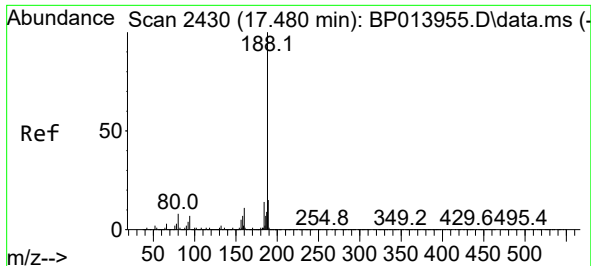
Ion Ratio Lower Upper

184 100

63 494.4 52.4 78.6#

154 322.2 59.4 89.2#

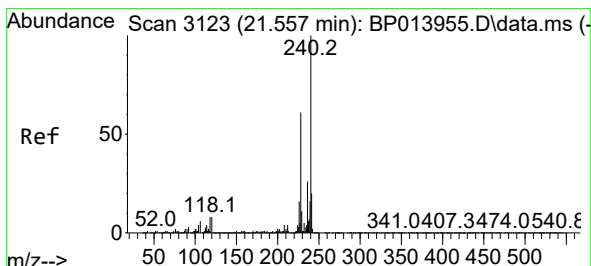
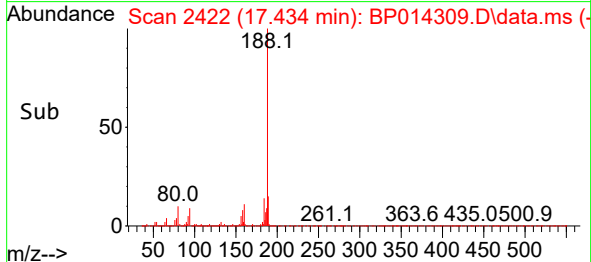
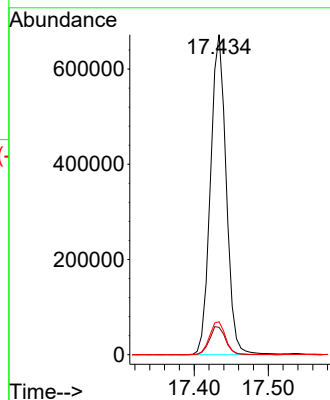
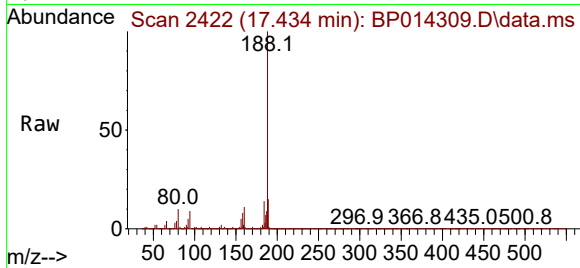




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.434 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

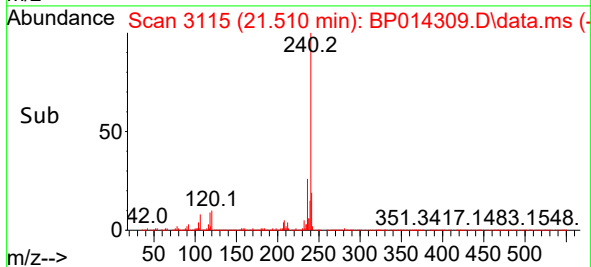
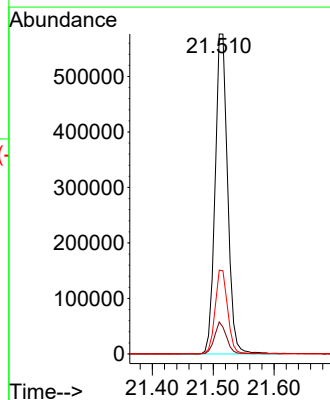
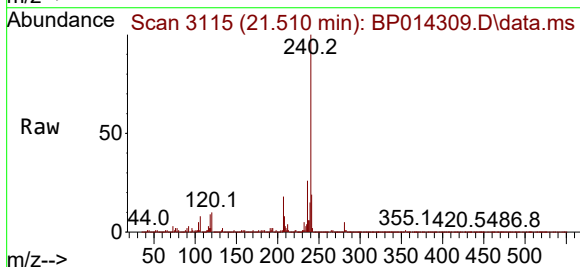
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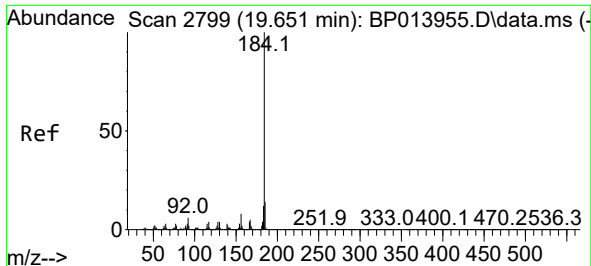
Tgt Ion:188 Resp: 990383
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.6
80 10.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:240 Resp: 820540
Ion Ratio Lower Upper
240 100
120 10.0 6.4 9.6#
236 26.2 21.2 31.8

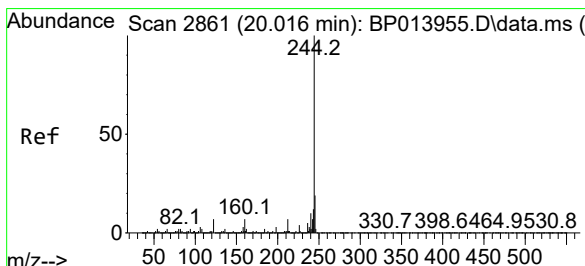
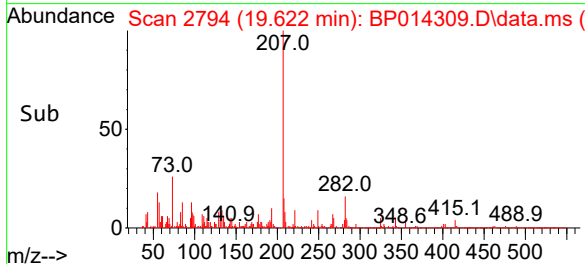
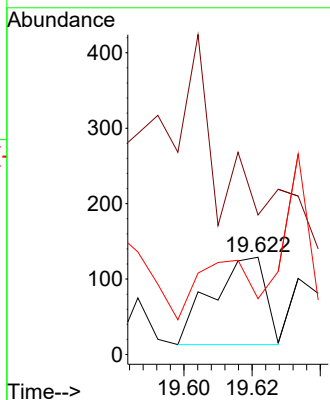
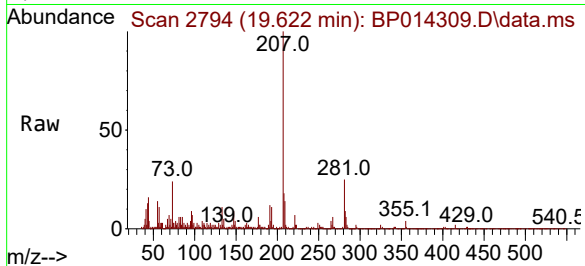




#77
Benzidine
Concen: 2.841 ng
RT: 19.622 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

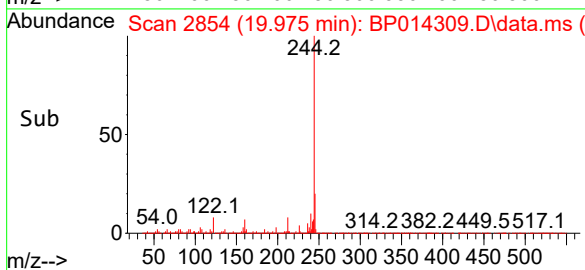
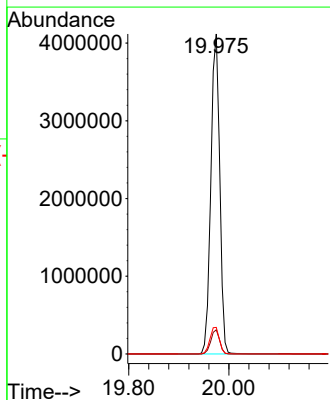
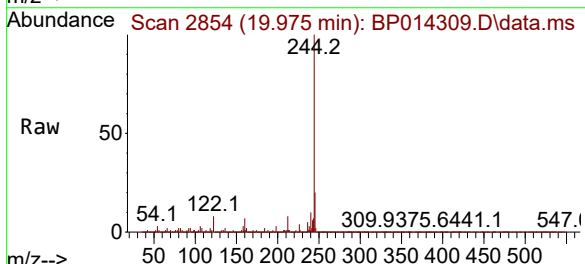
Instrument :
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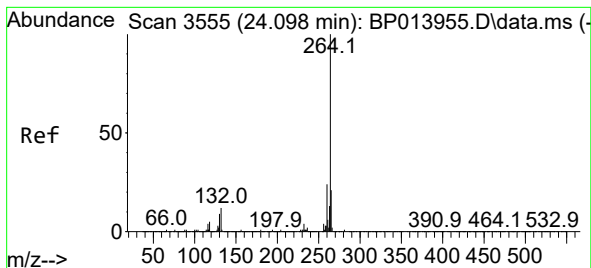
Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
185 143.4 11.6 17.4#
183 57.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 101.449 ng
RT: 19.975 min Scan# 2854
Delta R.T. 0.000 min
Lab File: BP014309.D
Acq: 25 Mar 2023 02:57

Tgt Ion:244 Resp: 5048237
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 8.3 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP014309.D

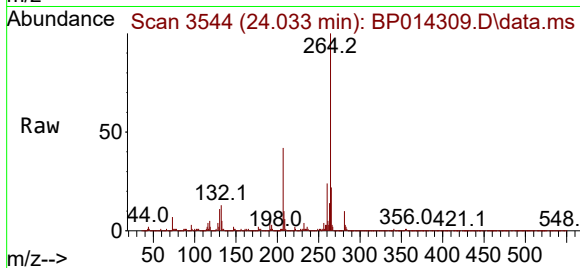
Acq: 25 Mar 2023 02:57

Instrument :

BNA_P

ClientSampleId :

CHAMBER-C-72-WEST



Tgt Ion:264 Resp: 754457

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.3 17.8 26.8

