

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025445.D
 Acq On : 16 Aug 2025 04:41
 Operator : CG/JU
 Sample : Q2836-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-A5-02-C

Quant Time: Aug 18 01:40:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

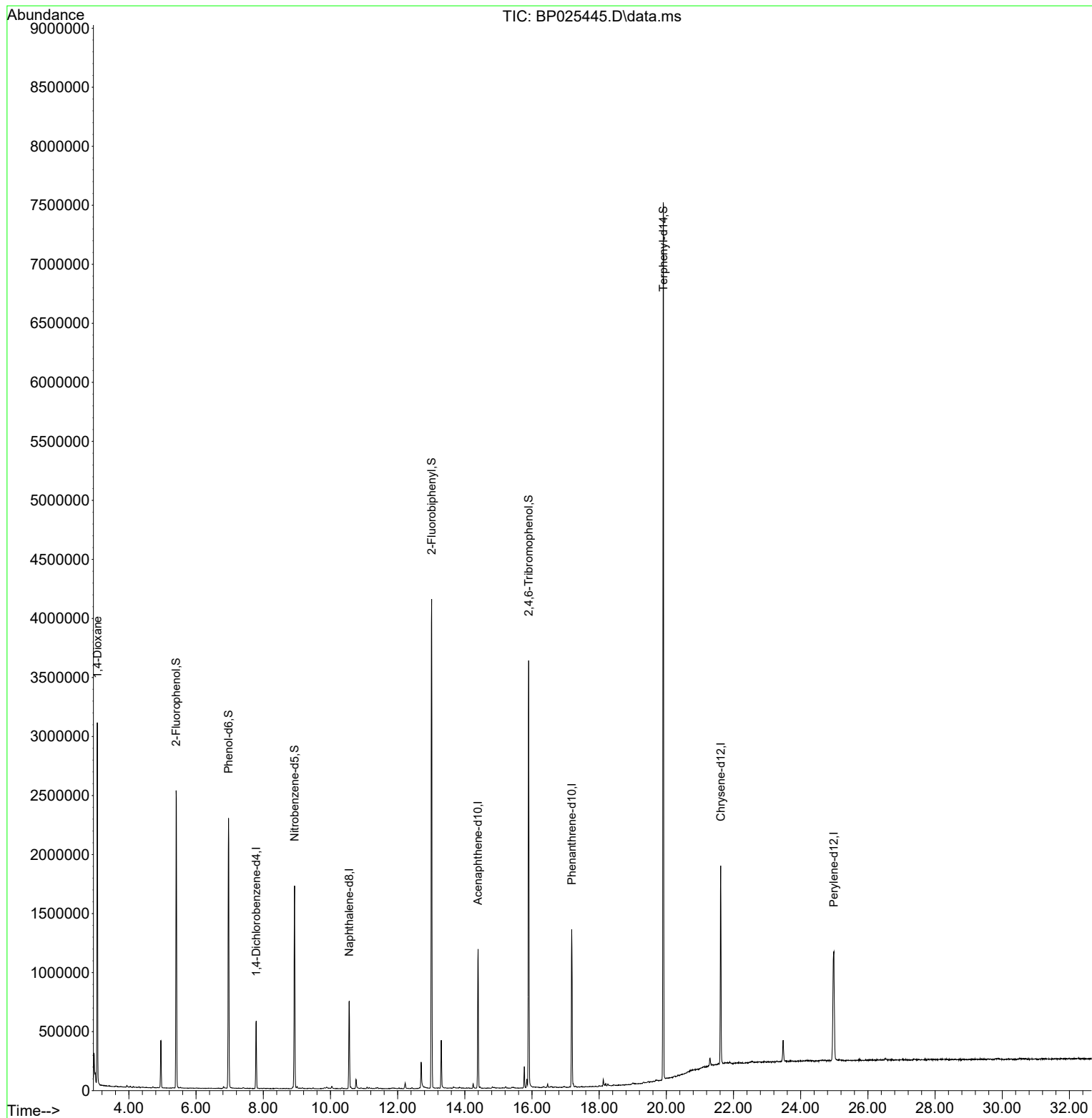
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	155442	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	624655	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	413766	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	857396	20.000	ng	-0.02
76) Chrysene-d12	21.618	240	936704	20.000	ng	-0.03
86) Perylene-d12	24.989	264	1011430	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	1092824	116.754	ng	0.00
7) Phenol-d6	6.966	99	1320776	110.061	ng	0.00
23) Nitrobenzene-d5	8.931	82	959511	77.703	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	690227	123.934	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2202983	72.765	ng	0.00
79) Terphenyl-d14	19.912	244	3837234	74.949	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.060	88	19032	5.191	ng	Qvalue # 1

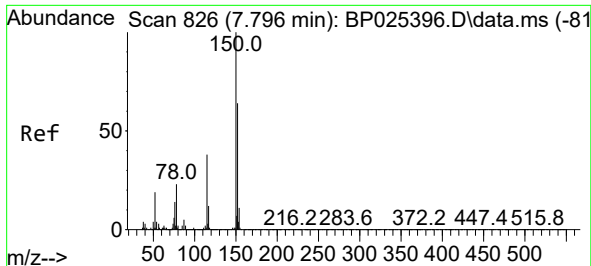
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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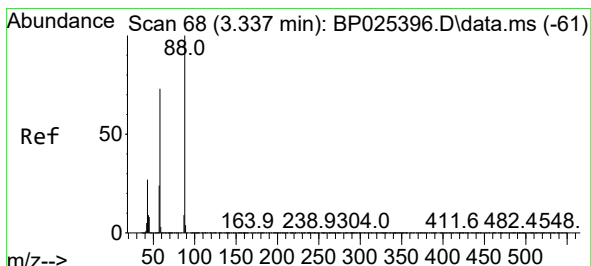
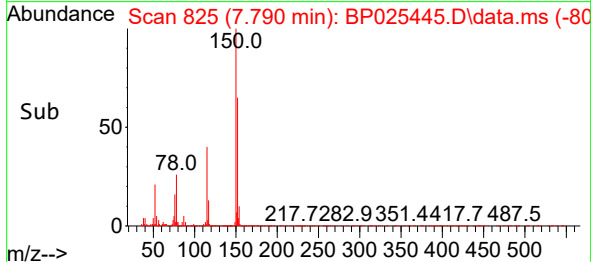
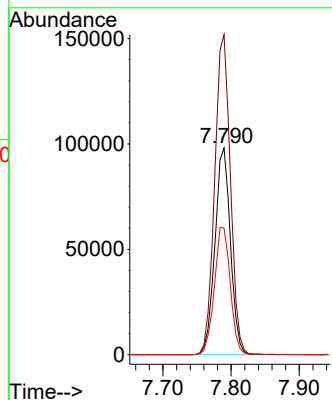
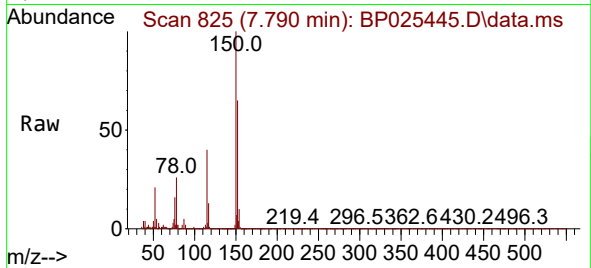




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025445.D
 Acq: 16 Aug 2025 04:41

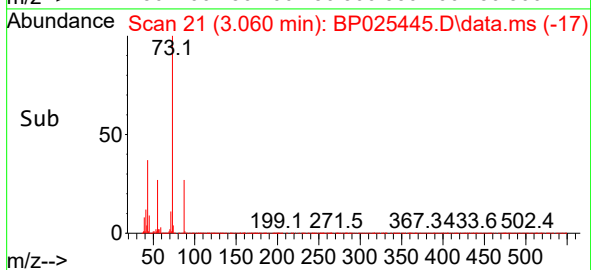
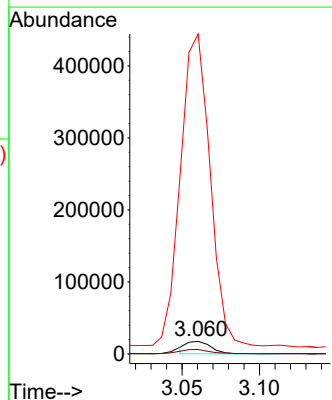
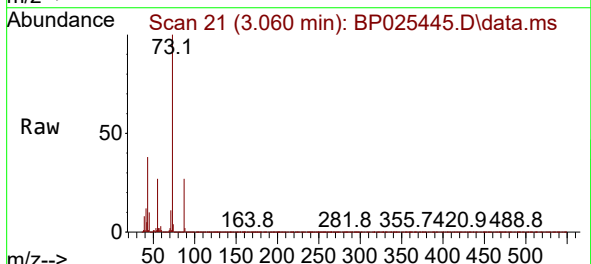
Instrument :
 BNA_P
 ClientSampleId :
 WC-A5-02-C

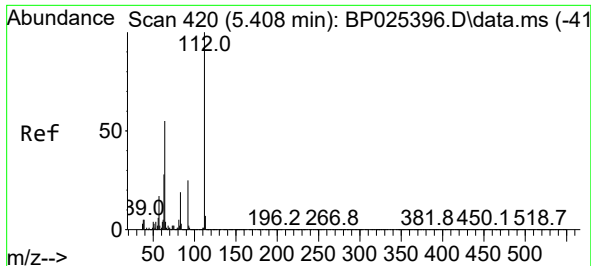
Tgt Ion:152 Resp: 155442
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.9 188.9
 115 61.3 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.191 ng
 RT: 3.060 min Scan# 21
 Delta R.T. -0.277 min
 Lab File: BP025445.D
 Acq: 16 Aug 2025 04:41

Tgt Ion: 88 Resp: 19032
 Ion Ratio Lower Upper
 88 100
 58 32.2 59.2 88.8#
 43 2425.7 21.7 32.5#

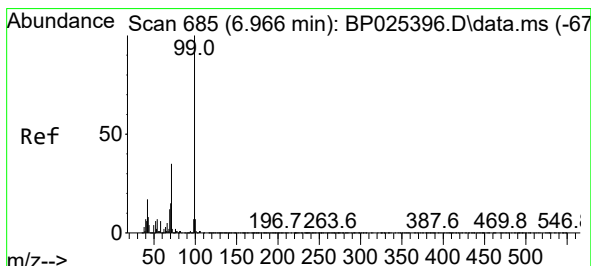
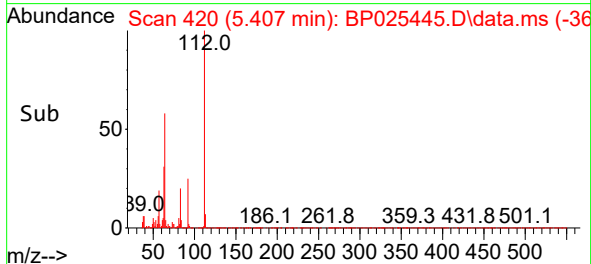
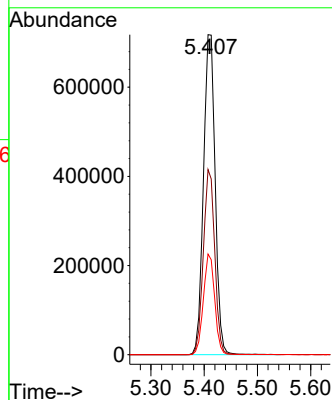
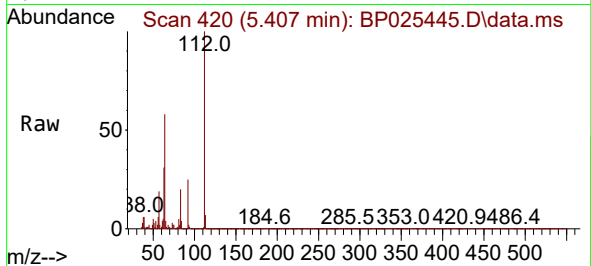




#5
2-Fluorophenol
Concen: 116.754 ng
RT: 5.407 min Scan# 41
Delta R.T. -0.000 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

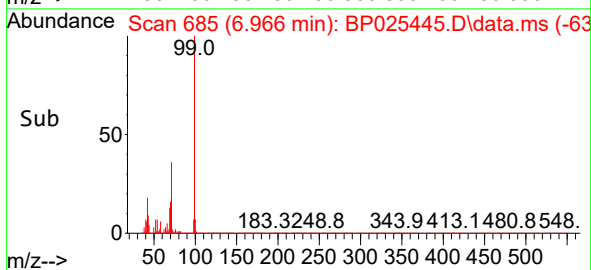
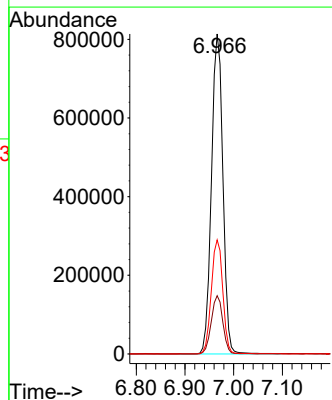
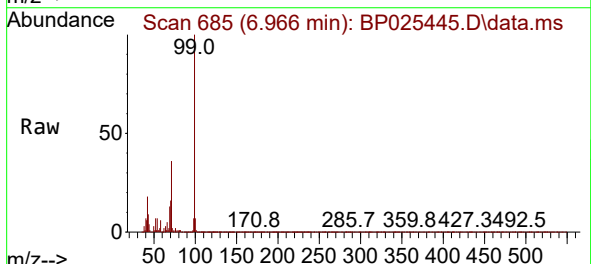
Instrument :
BNA_P
ClientSampleId :
WC-A5-02-C

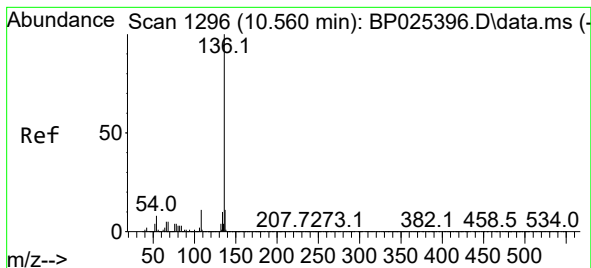
Tgt Ion:112 Resp: 1092824
Ion Ratio Lower Upper
112 100
64 57.9 43.8 65.8
63 31.4 22.7 34.1



#7
Phenol-d6
Concen: 110.061 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

Tgt Ion: 99 Resp: 1320776
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 35.6 28.2 42.4

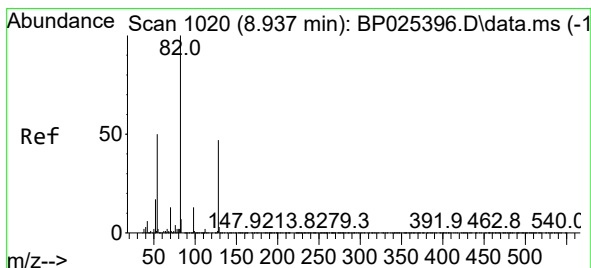
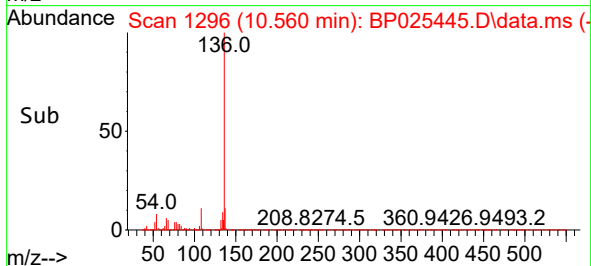
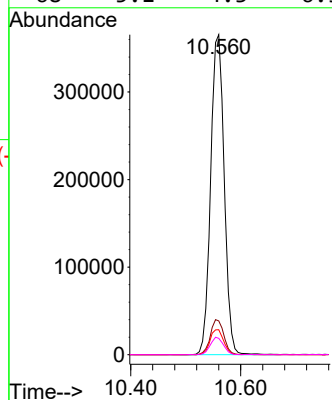
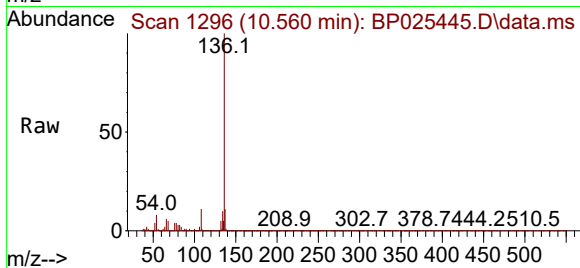




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

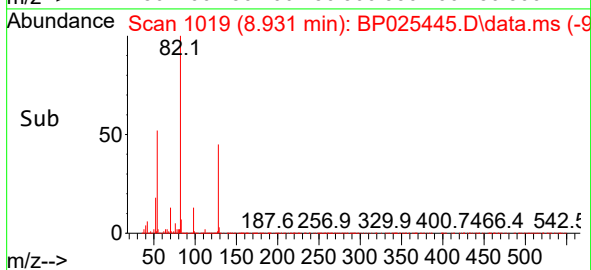
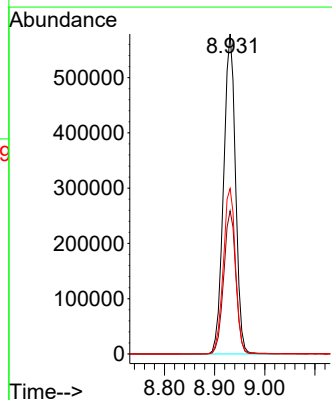
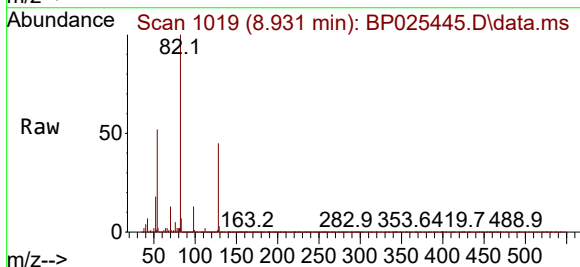
Instrument :
BNA_P
ClientSampleId :
WC-A5-02-C

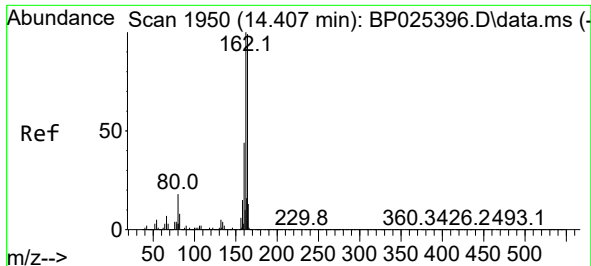
Tgt Ion:	136	Resp:	624655
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.8	6.0	9.0
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 77.703 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

Tgt Ion:	82	Resp:	959511
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.7	56.5
54	51.7	39.8	59.6

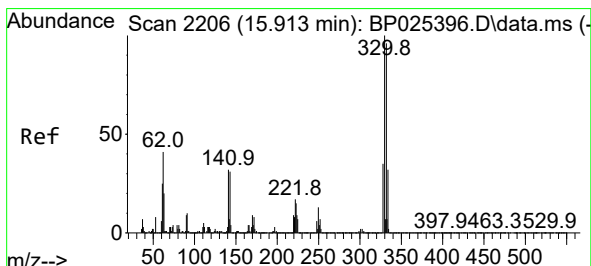
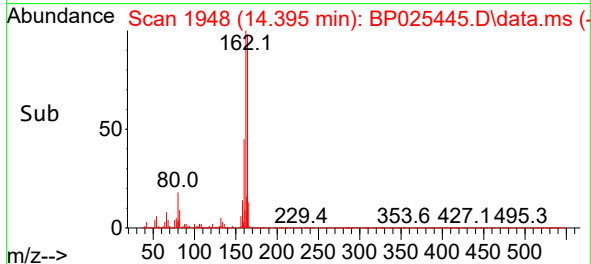
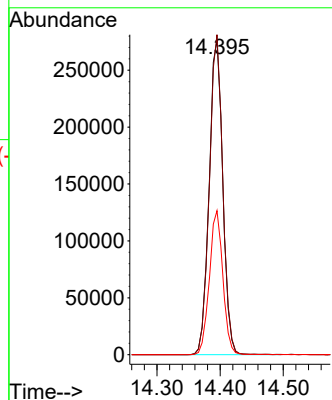
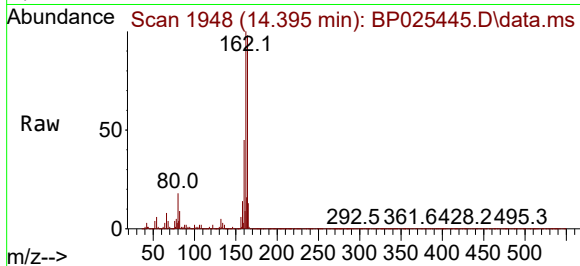




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

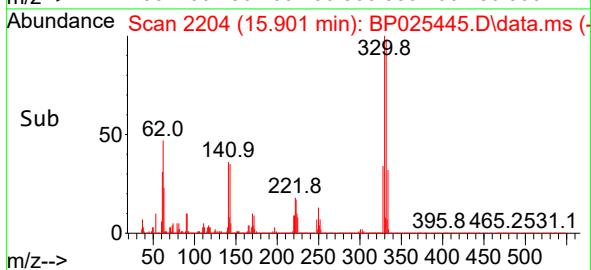
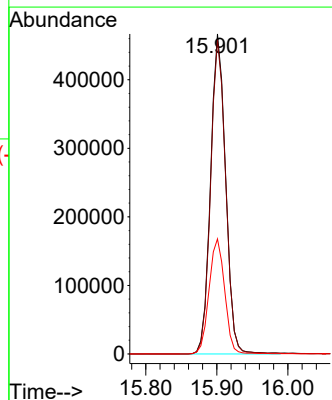
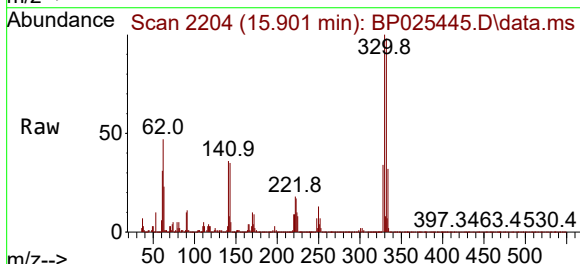
Instrument :
BNA_P
ClientSampleId :
WC-A5-02-C

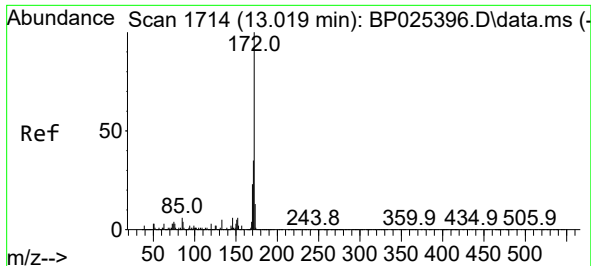
Tgt Ion:164 Resp: 413766
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 45.8 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 123.934 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

Tgt Ion:330 Resp: 690227
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 37.3 26.6 39.8

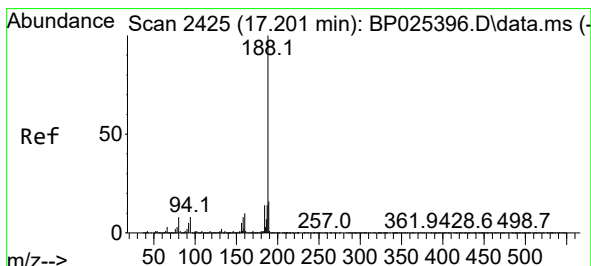
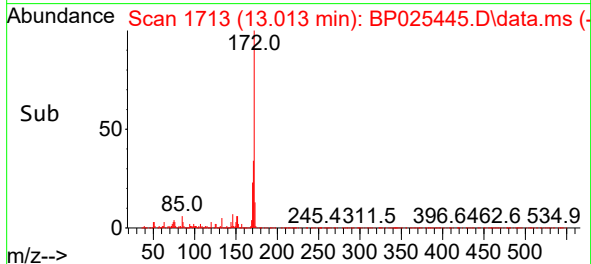
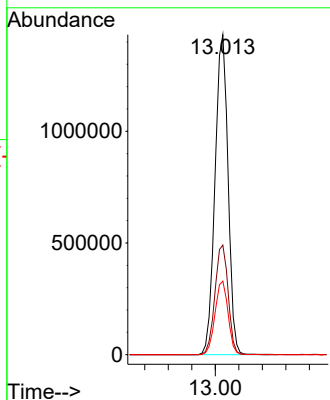
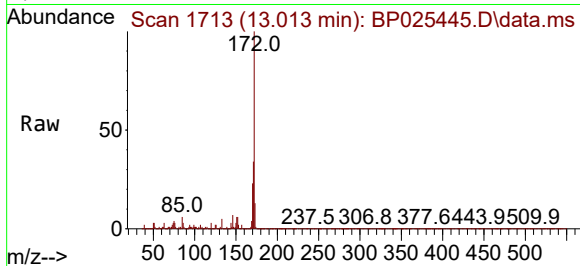




#45
2-Fluorobiphenyl
Concen: 72.765 ng
RT: 13.013 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

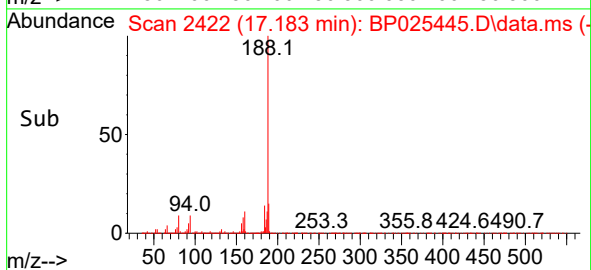
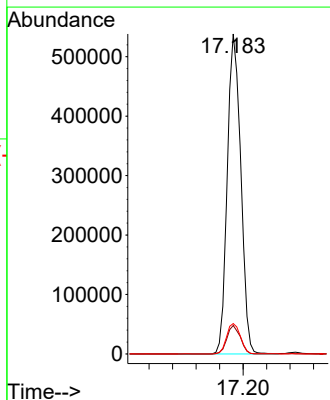
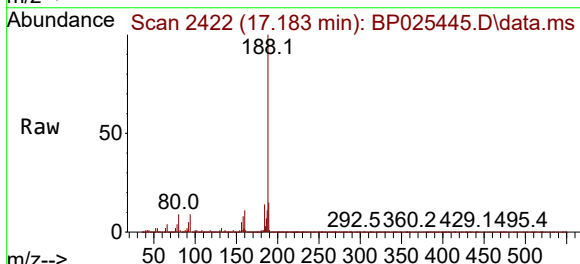
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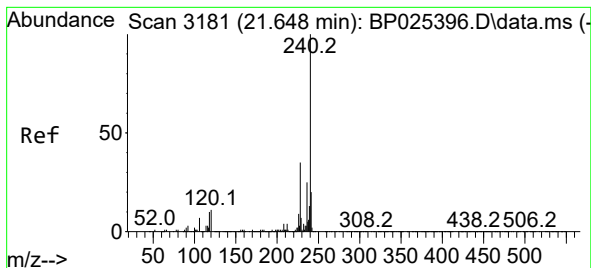
Tgt Ion:172 Resp: 2202983
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.0 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP025445.D
Acq: 16 Aug 2025 04:41

Tgt Ion:188 Resp: 857396
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.5 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.618 min Scan# 3181

Delta R.T. -0.030 min

Lab File: BP025445.D

Acq: 16 Aug 2025 04:41

Instrument :

BNA_P

ClientSampleId :

WC-A5-02-C

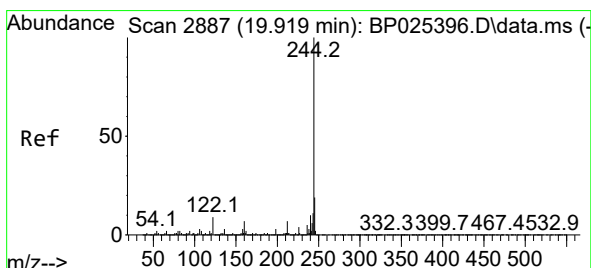
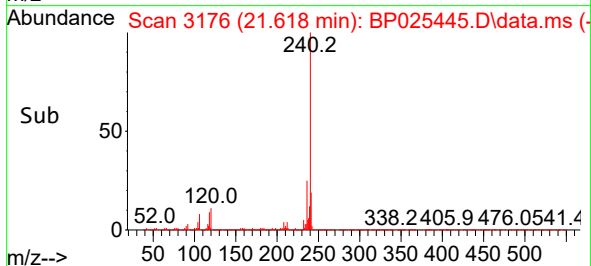
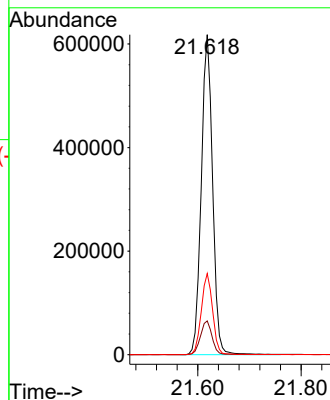
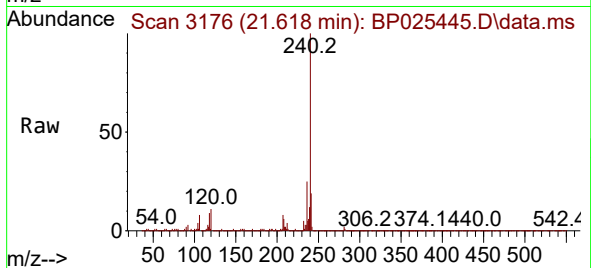
Tgt Ion:240 Resp: 936704

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 74.949 ng

RT: 19.912 min Scan# 2886

Delta R.T. -0.006 min

Lab File: BP025445.D

Acq: 16 Aug 2025 04:41

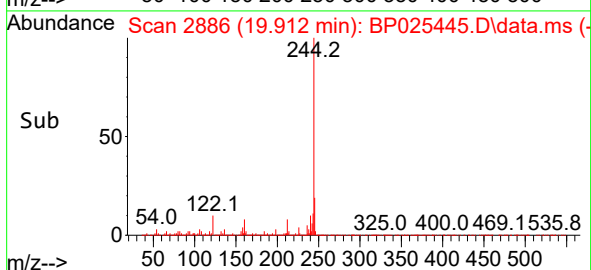
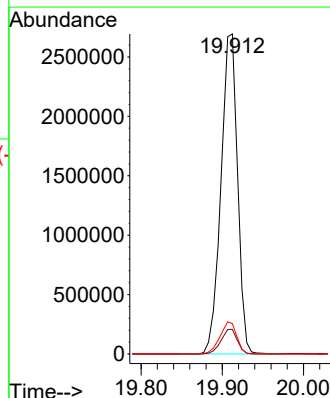
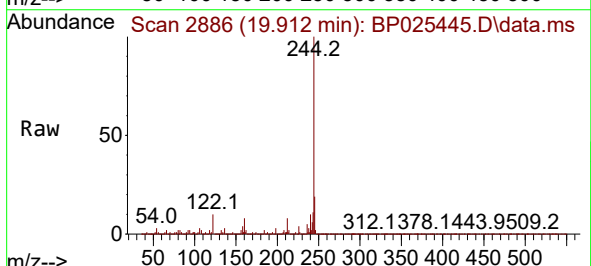
Tgt Ion:244 Resp: 3837234

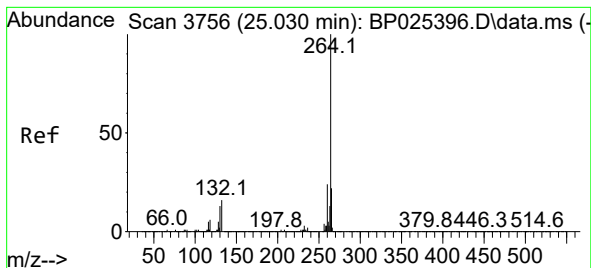
Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 9.5 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025445.D

Acq: 16 Aug 2025 04:41

Instrument :

BNA_P

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Tgt Ion:264 Resp: 1011430

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 22.1 17.4 26.0

