

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
 Data File : BP025448.D
 Acq On : 16 Aug 2025 06:45
 Operator : CG/JU
 Sample : Q2832-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

Quant Time: Aug 18 01:41:39 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)

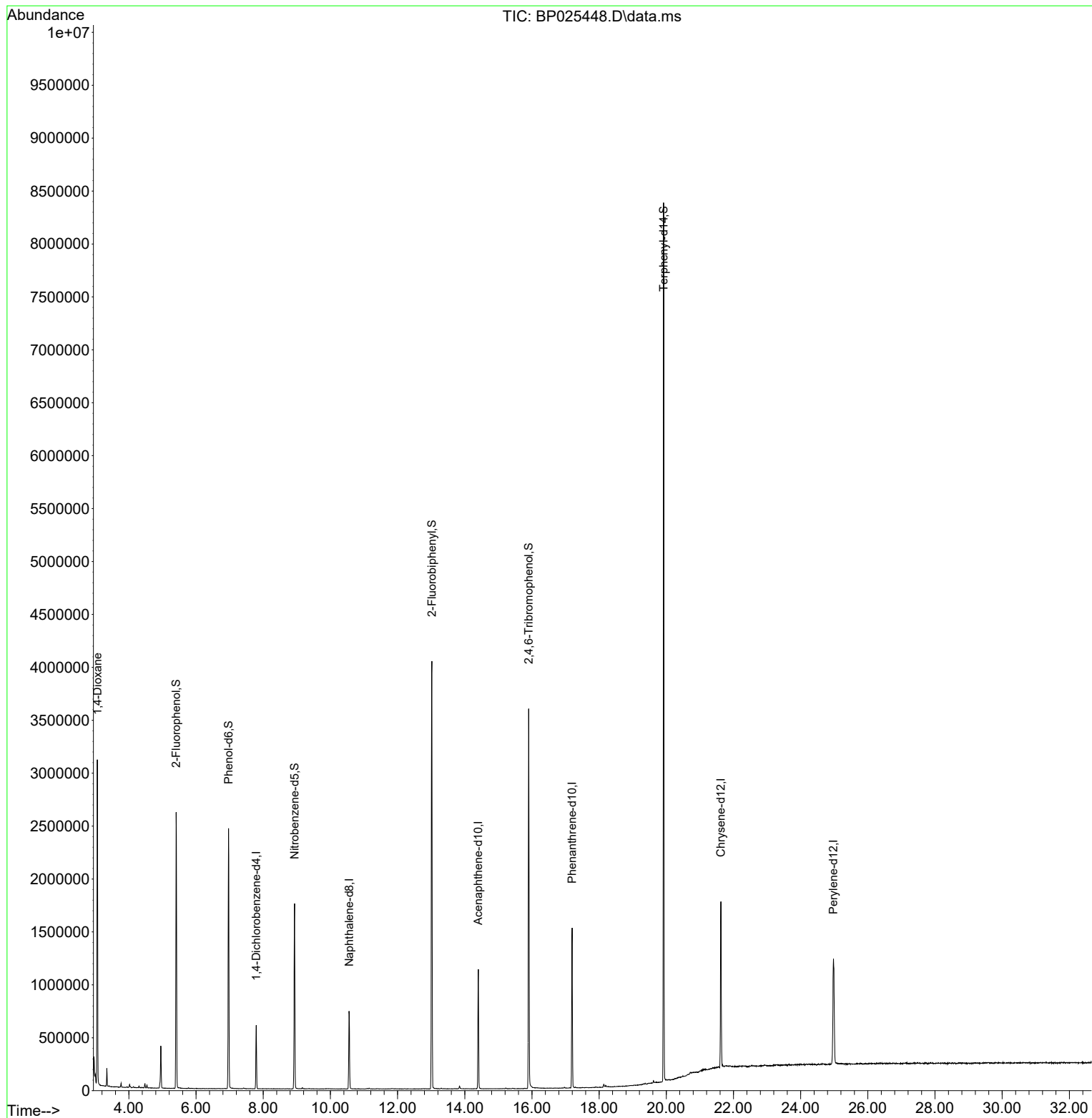
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	158542	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	622142	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	405060	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	872287	20.000	ng	0.00
76) Chrysene-d12	21.624	240	920454	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1004867	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1119458	117.261	ng	0.00
7) Phenol-d6	6.966	99	1328551	108.545	ng	0.00
23) Nitrobenzene-d5	8.931	82	970733	78.929	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	692030	126.928	ng	-0.01
45) 2-Fluorobiphenyl	13.019	172	2203030	74.331	ng	0.00
79) Terphenyl-d14	19.919	244	3805322	75.638	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.061	88	20886	5.585	ng	Qvalue # 1

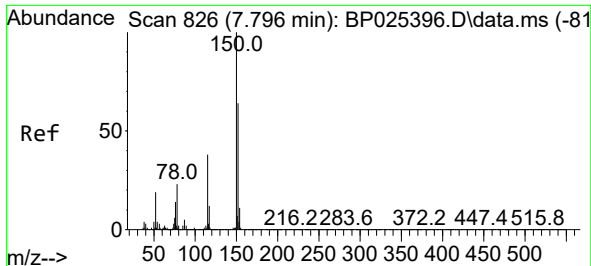
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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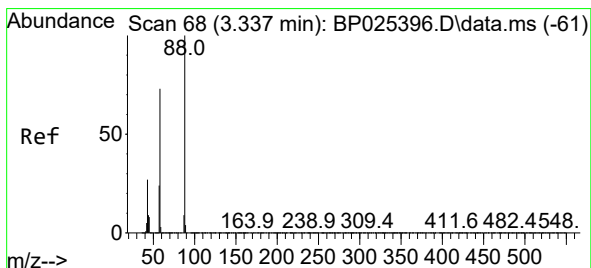
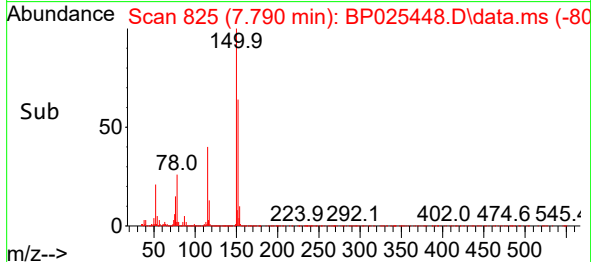
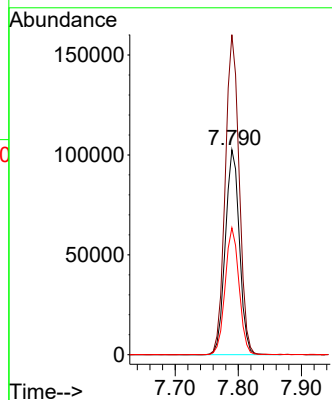
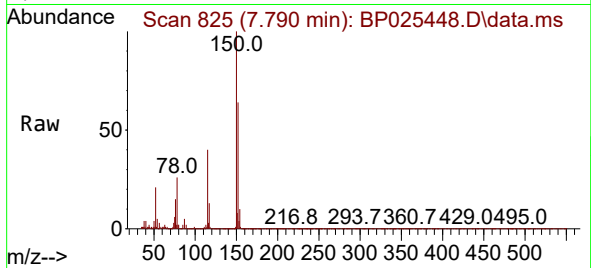




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.790 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025448.D
 Acq: 16 Aug 2025 06:45

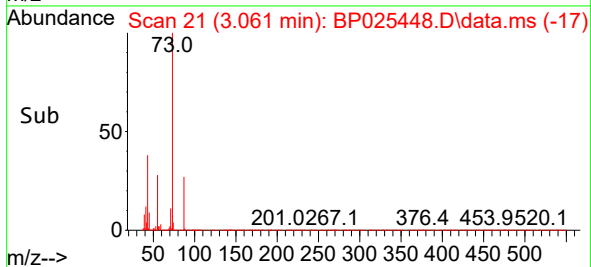
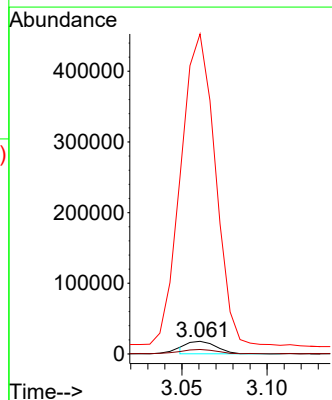
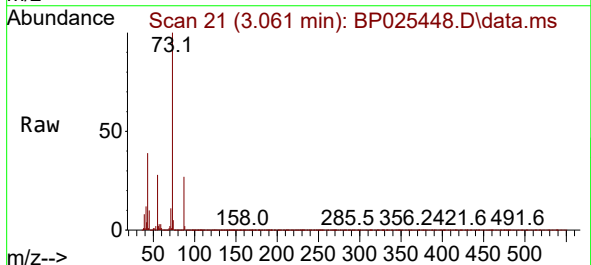
Instrument :
 BNA_P
 ClientSampleId :
 TG-S01

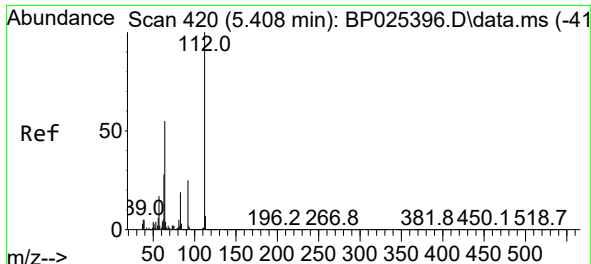
Tgt Ion:152 Resp: 158542
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 61.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.585 ng
 RT: 3.061 min Scan# 21
 Delta R.T. -0.276 min
 Lab File: BP025448.D
 Acq: 16 Aug 2025 06:45

Tgt Ion: 88 Resp: 20886
 Ion Ratio Lower Upper
 88 100
 58 35.0 59.2 88.8#
 43 2475.0 21.7 32.5#

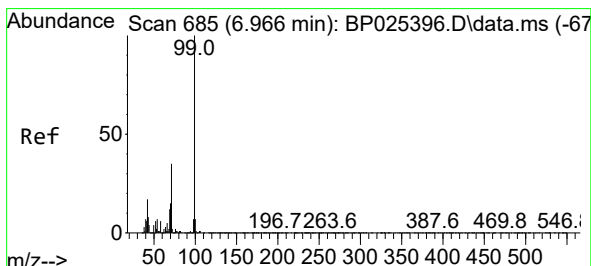
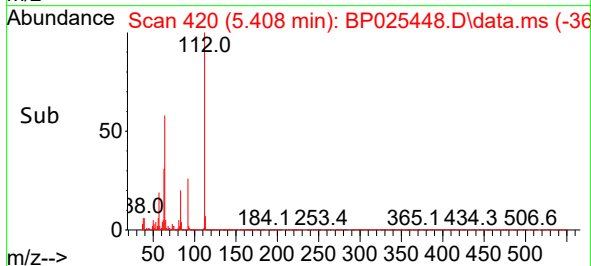
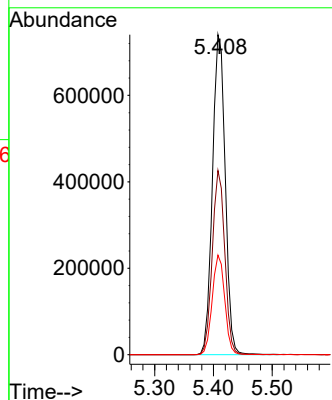
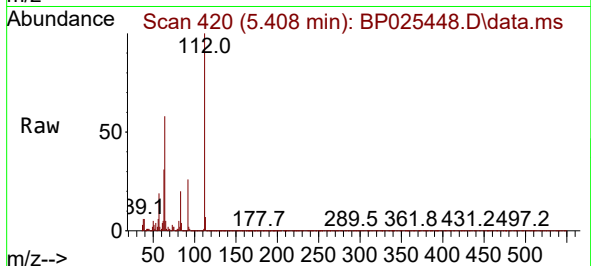




#5
2-Fluorophenol
Concen: 117.261 ng
RT: 5.408 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

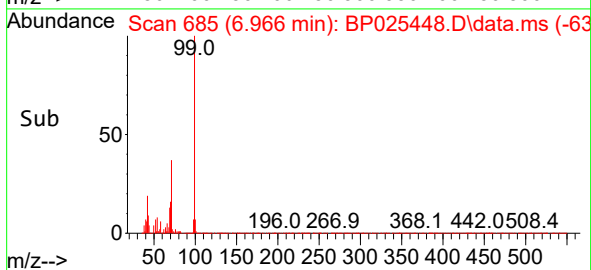
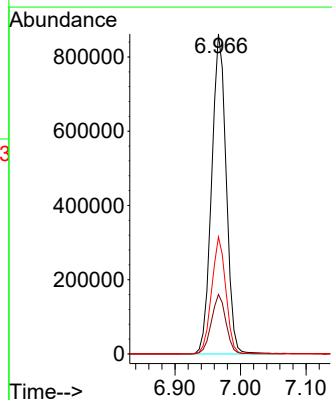
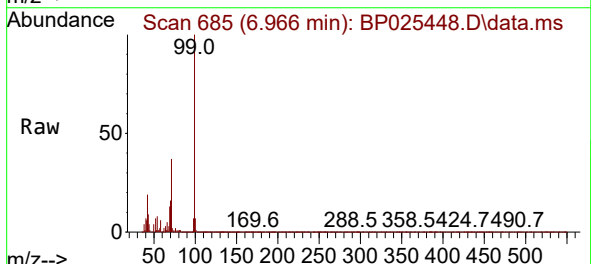
Instrument :
BNA_P
ClientSampleId :
TG-S01

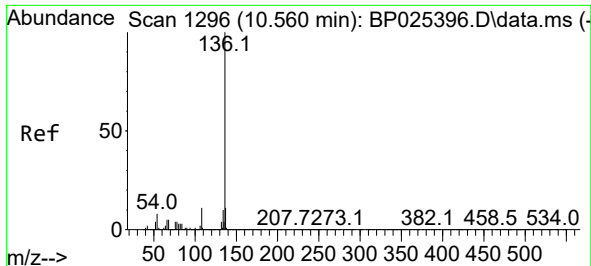
Tgt Ion:112 Resp: 1119458
Ion Ratio Lower Upper
112 100
64 57.5 43.8 65.8
63 31.1 22.7 34.1



#7
Phenol-d6
Concen: 108.545 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion: 99 Resp: 1328551
Ion Ratio Lower Upper
99 100
42 18.6 13.7 20.5
71 36.6 28.2 42.4

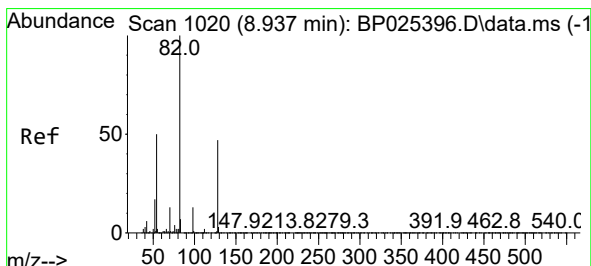
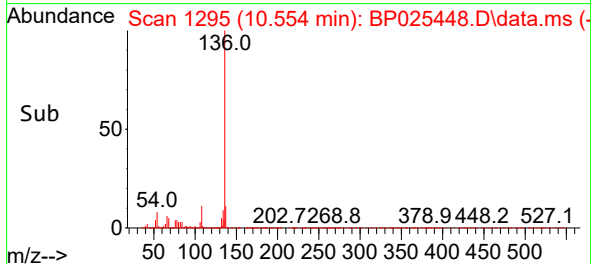
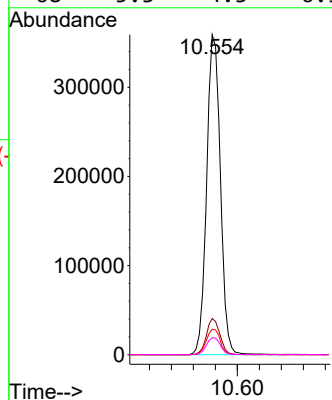
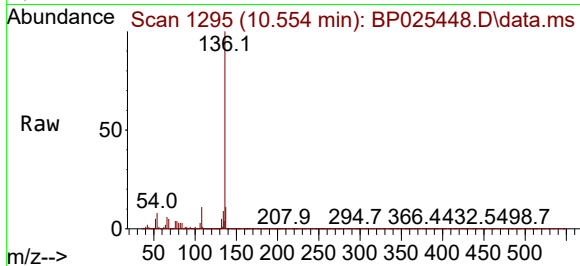




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

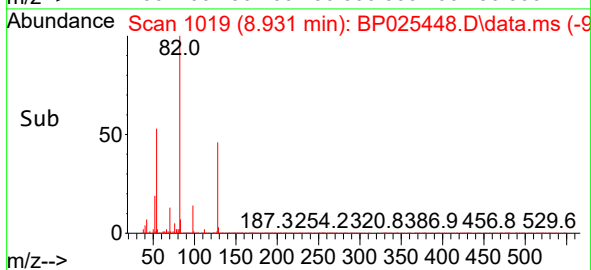
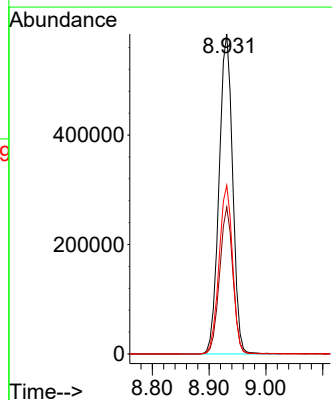
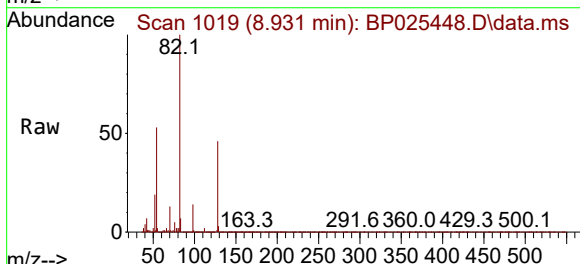
Instrument :
BNA_P
ClientSampleId :
TG-S01

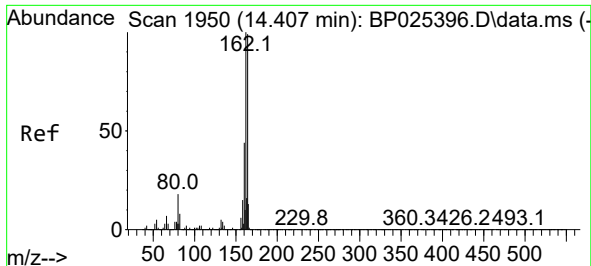
Tgt Ion:	136	Resp:	622142
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 78.929 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion:	82	Resp:	970733
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.7	56.5
54	52.7	39.8	59.6

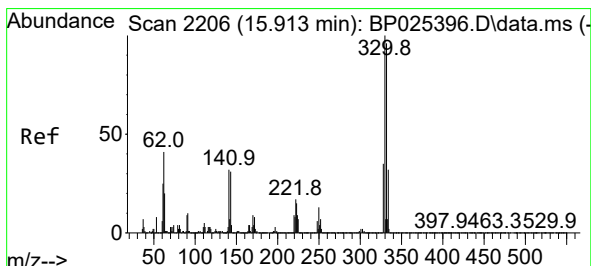
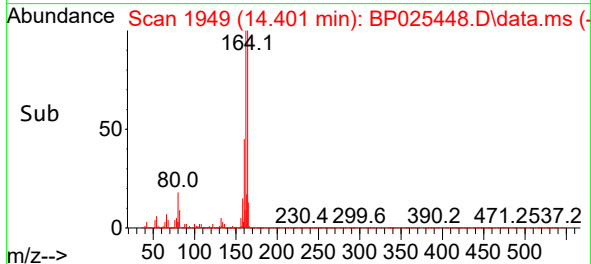
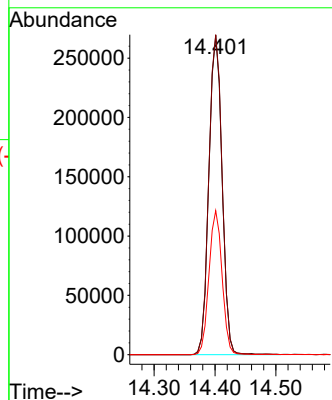
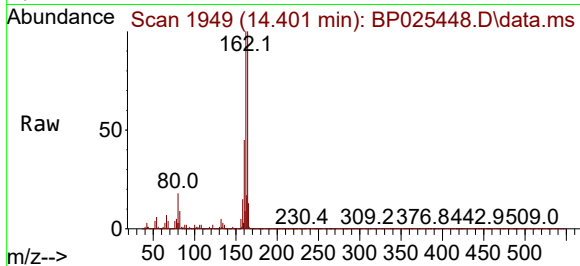




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

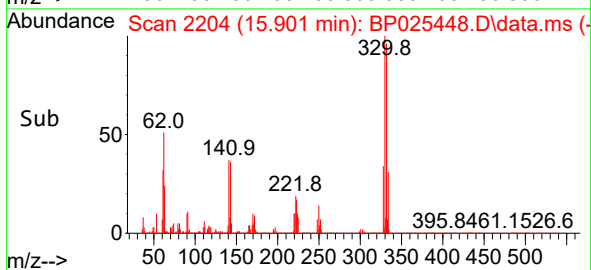
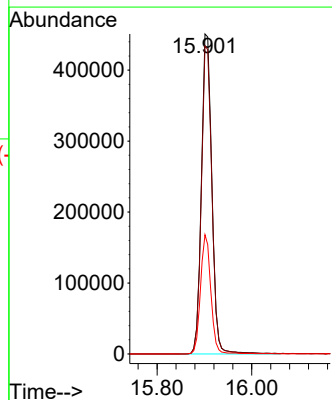
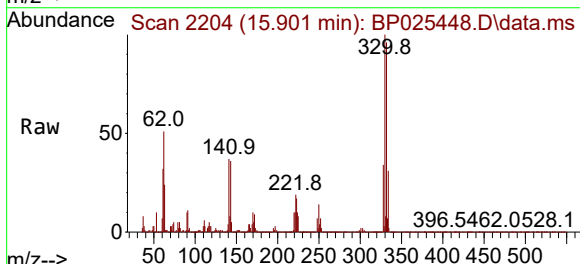
Instrument :
BNA_P
ClientSampleId :
TG-S01

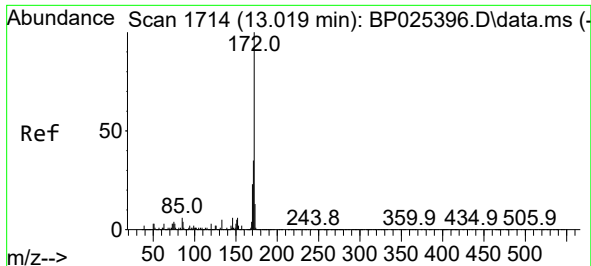
Tgt Ion:164 Resp: 405060
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.6
160 45.1 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 126.928 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.012 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion:330 Resp: 692030
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 36.8 26.6 39.8

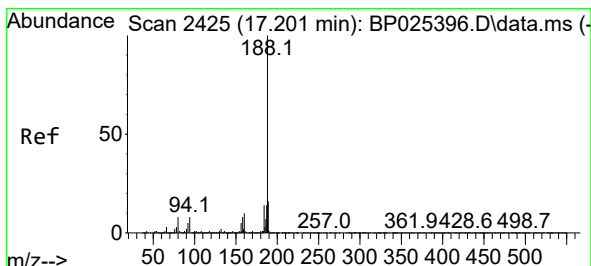
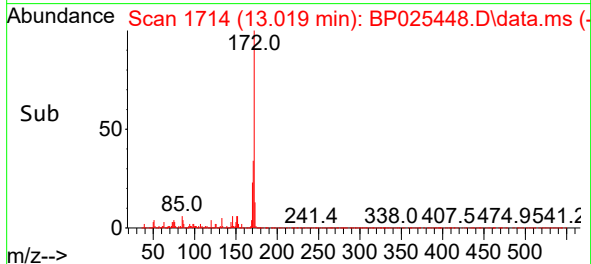
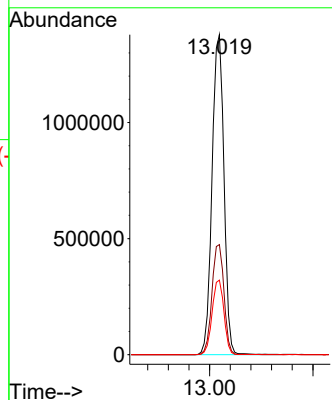
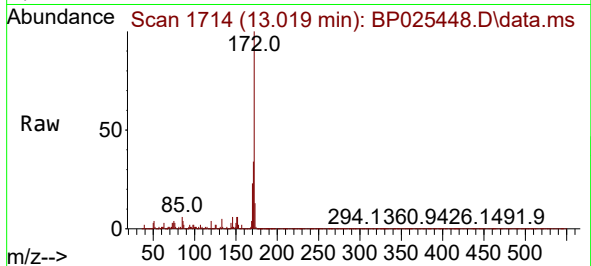




#45
2-Fluorobiphenyl
Concen: 74.331 ng
RT: 13.019 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

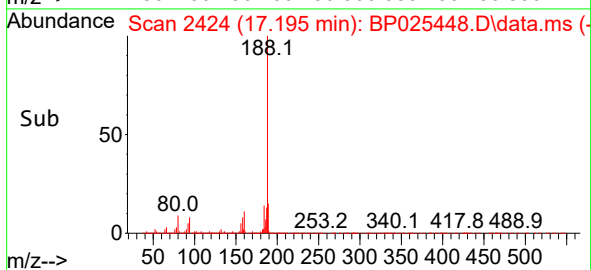
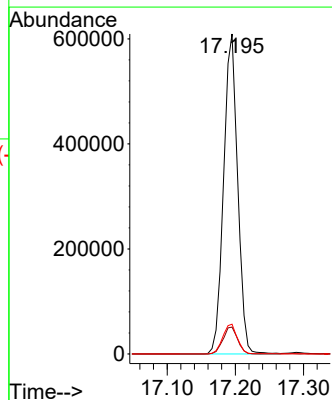
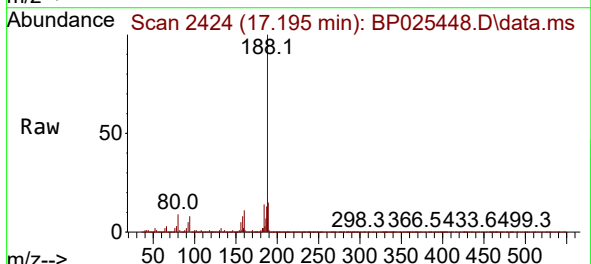
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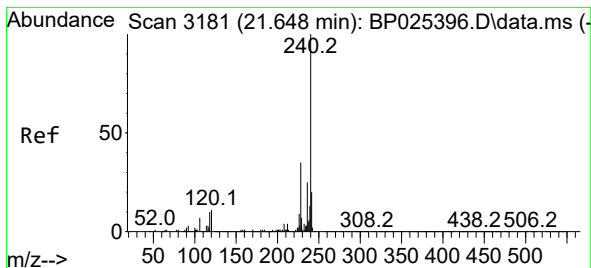
Tgt Ion:172 Resp: 2203030
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.3 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025448.D
Acq: 16 Aug 2025 06:45

Tgt Ion:188 Resp: 872287
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.3 6.7 10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3181

Delta R.T. -0.024 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

Instrument :

BNA_P

ClientSampleId :

TG-S01

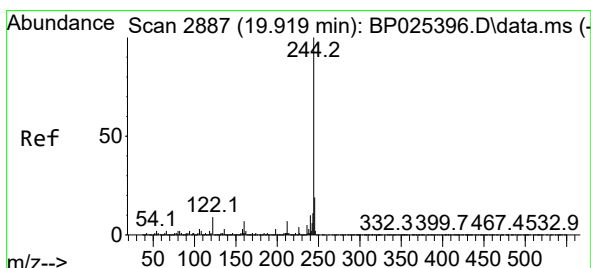
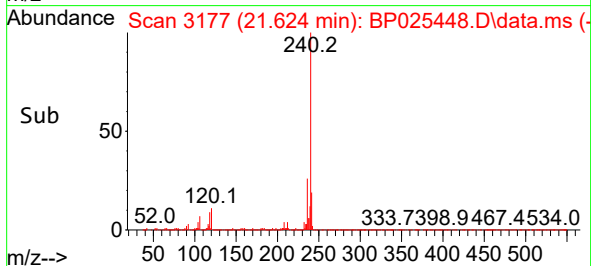
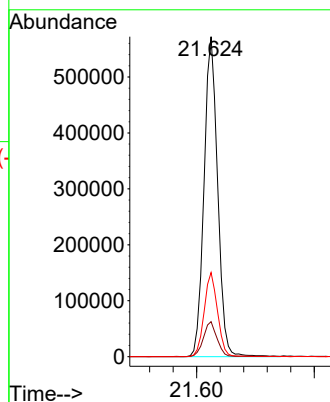
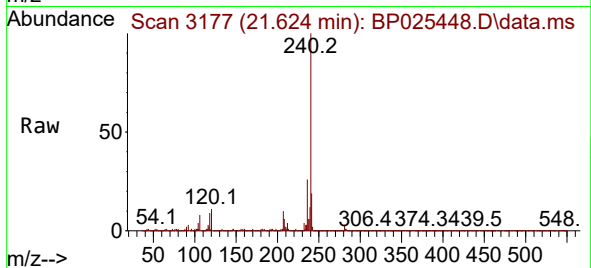
Tgt Ion:240 Resp: 920454

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 26.3 19.8 29.8



#79

Terphenyl-d14

Concen: 75.638 ng

RT: 19.919 min Scan# 2887

Delta R.T. 0.000 min

Lab File: BP025448.D

Acq: 16 Aug 2025 06:45

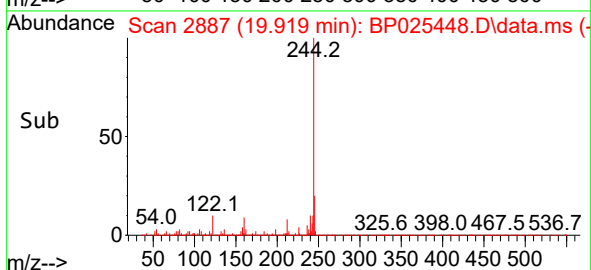
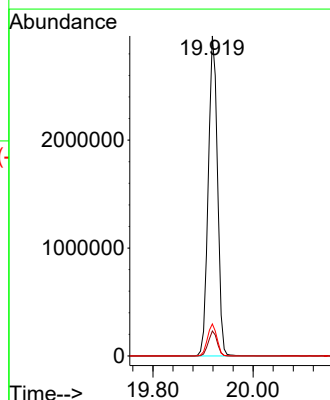
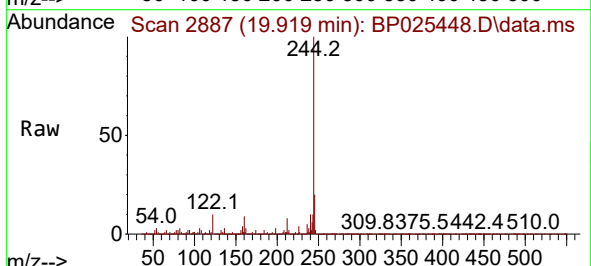
Tgt Ion:244 Resp: 3805322

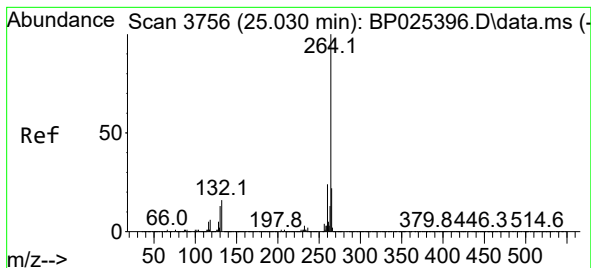
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.977 min Scan# 31

Delta R.T. -0.053 min

Lab File: BP025448.D

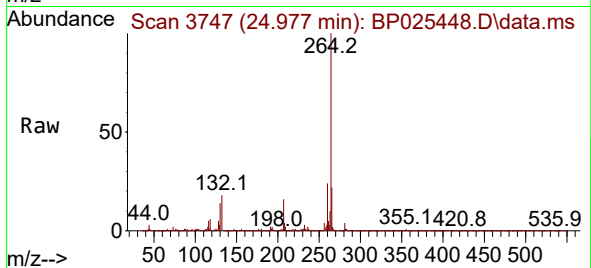
Acq: 16 Aug 2025 06:45

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Tgt Ion:264 Resp: 1004867

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.7 17.4 26.0

