

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025124.D
 Acq On : 14 Jul 2025 17:46
 Operator : CG/JU
 Sample : Q2553-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-201

Quant Time: Jul 14 18:06:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

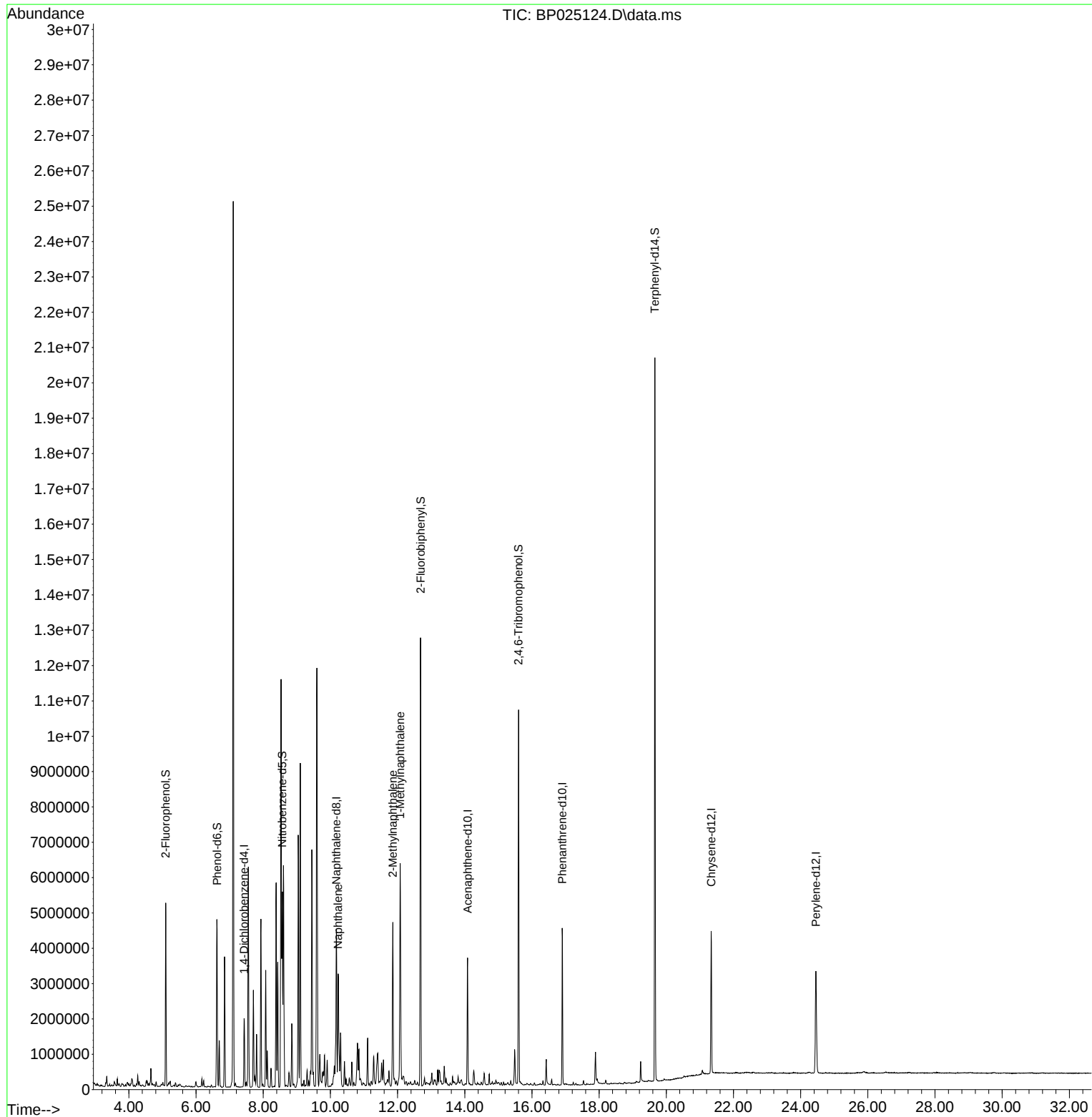
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	556276	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	2052325	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1263038	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2404786	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2404592	20.000	ng	0.00
86) Perylene-d12	24.454	264	2753561	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2223550	70.825	ng	0.00
7) Phenol-d6	6.625	99	1744889	42.589	ng	0.00
23) Nitrobenzene-d5	8.566	82	3049824	98.829	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	2263792	151.722	ng	-0.02
45) 2-Fluorobiphenyl	12.684	172	7358512	90.255	ng	-0.01
79) Terphenyl-d14	19.660	244	10816787	98.865	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.225	128	1588756	15.034	ng	98
37) 2-Methylnaphthalene	11.860	142	1687268	22.628	ng	99
38) 1-Methylnaphthalene	12.078	142	3146109	43.263	ng	99

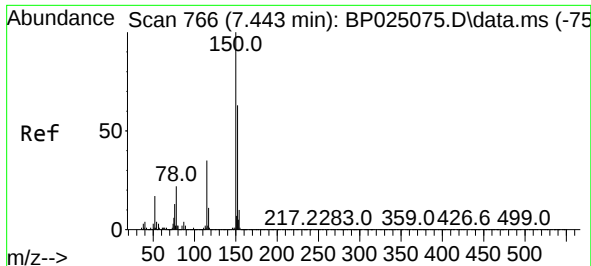
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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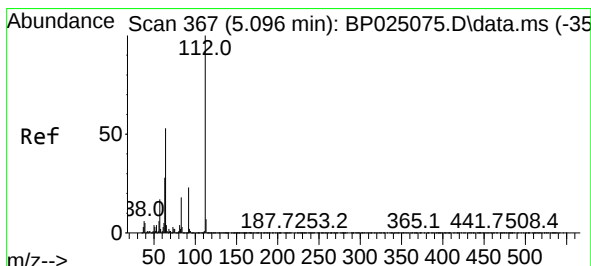
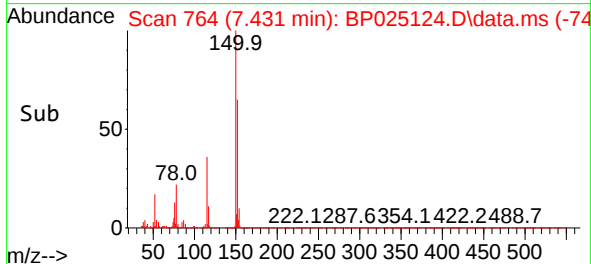
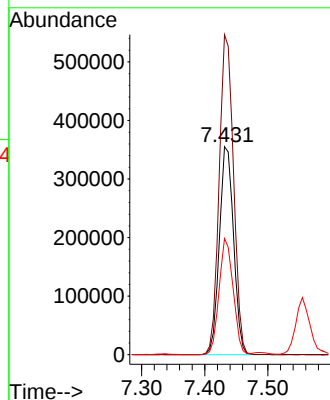
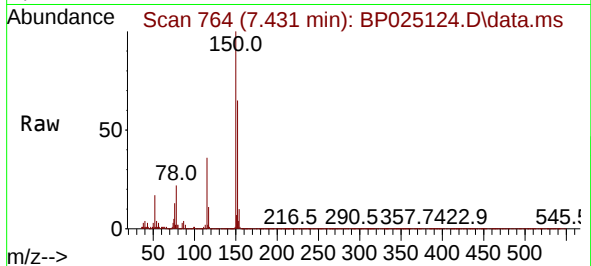




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.431 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP025124.D
 Acq: 14 Jul 2025 17:46

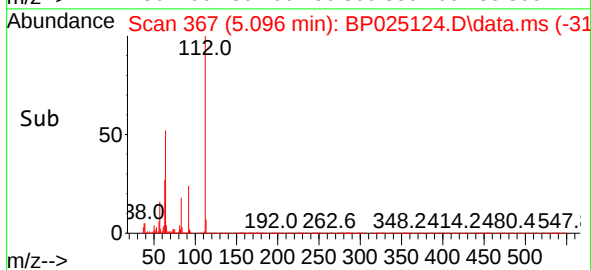
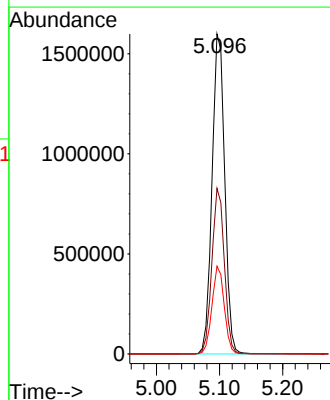
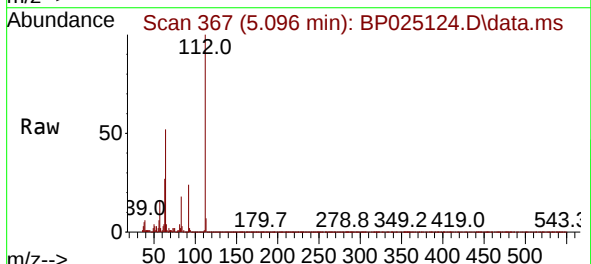
Instrument :
 BNA_P
 ClientSampleId :
 AOC-201

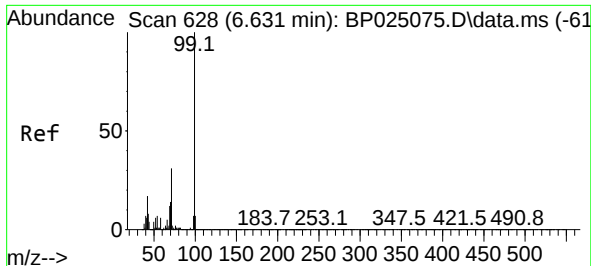
Tgt Ion:152 Resp: 556276
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.1 189.1
 115 55.8 44.3 66.5



#5
 2-Fluorophenol
 Concen: 70.825 ng
 RT: 5.096 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: BP025124.D
 Acq: 14 Jul 2025 17:46

Tgt Ion:112 Resp: 2223550
 Ion Ratio Lower Upper
 112 100
 64 51.7 42.0 63.0
 63 27.4 22.2 33.2



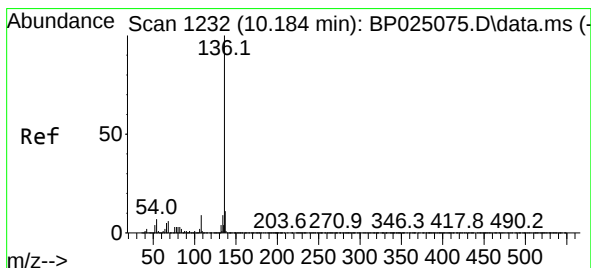
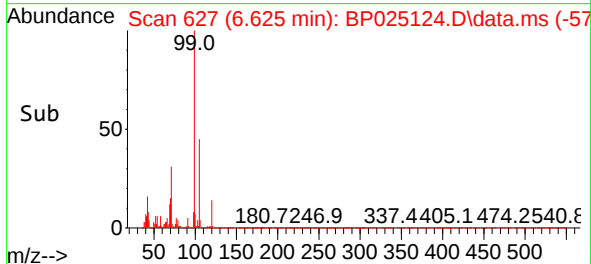
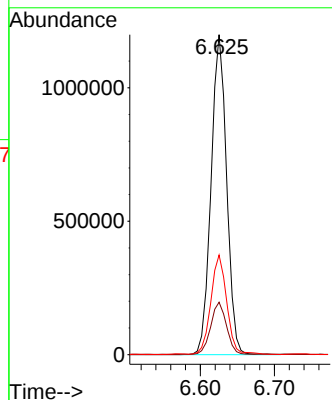
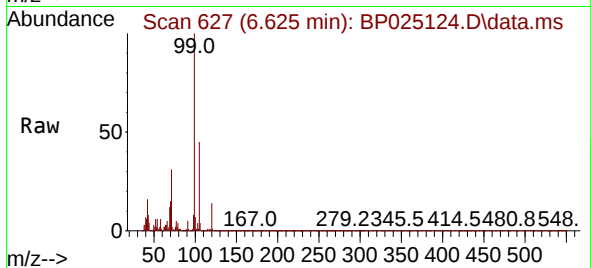


#7
Phenol-d6
Concen: 42.589 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Instrument :
BNA_P
ClientSampleId :
AOC-201

Tgt Ion: 99 Resp: 1744889

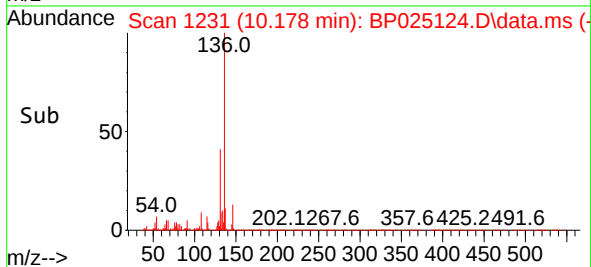
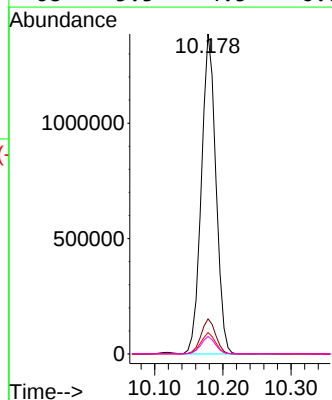
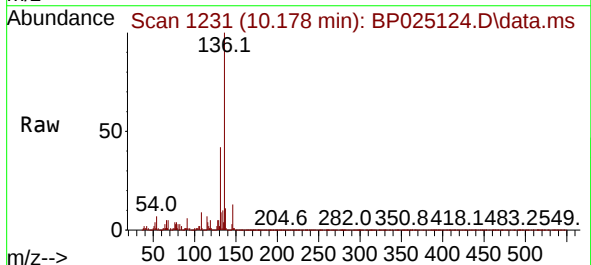
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	31.1	24.4	36.6

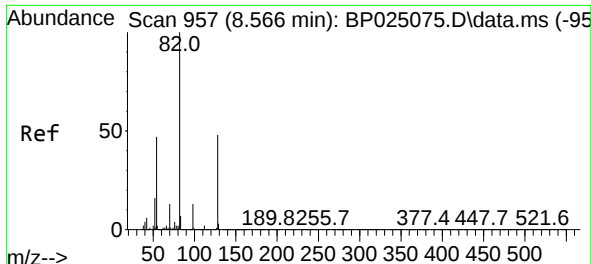


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion: 136 Resp: 2052325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	5.4	8.2
68	5.5	4.5	6.7

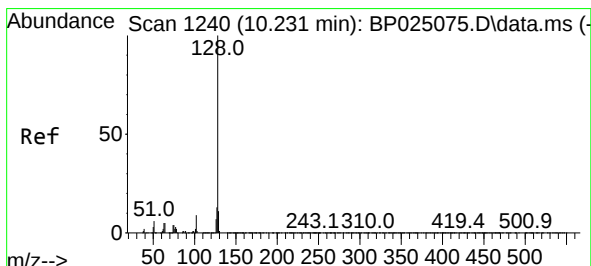
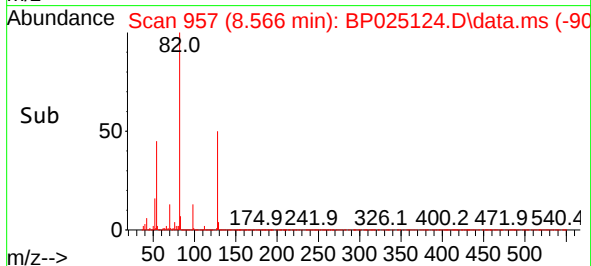
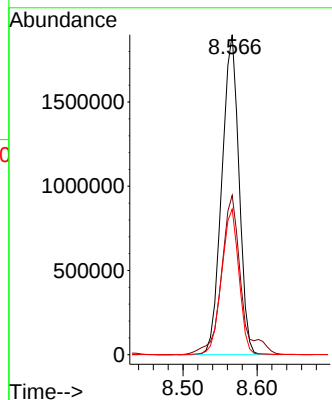
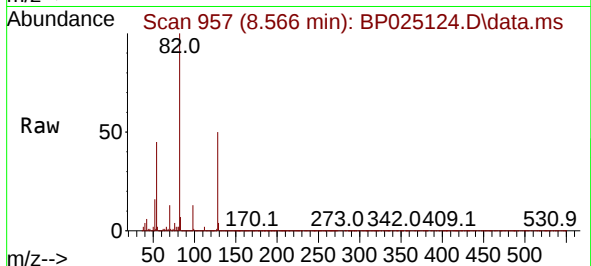




#23
Nitrobenzene-d5
Concen: 98.829 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

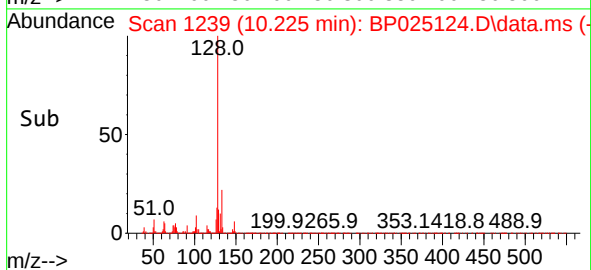
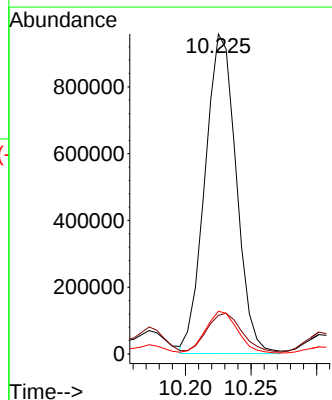
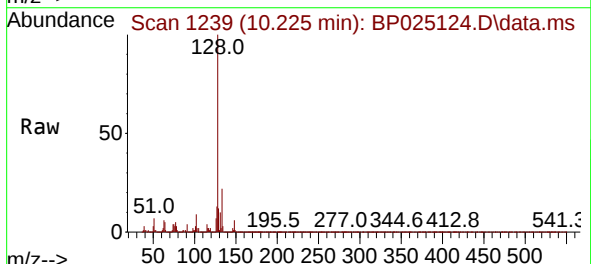
Instrument :
BNA_P
ClientSampleId :
AOC-201

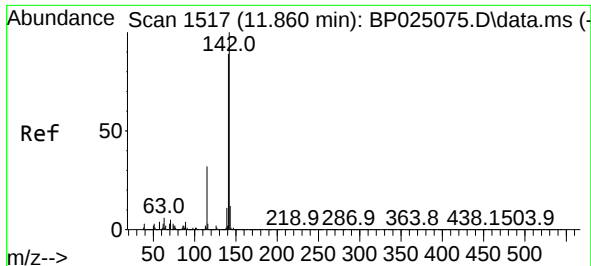
Tgt Ion: 82 Resp: 3049824
Ion Ratio Lower Upper
82 100
128 49.8 38.4 57.6
54 45.5 37.8 56.6



#31
Naphthalene
Concen: 15.034 ng
RT: 10.225 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:128 Resp: 1588756
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 13.4 10.4 15.6

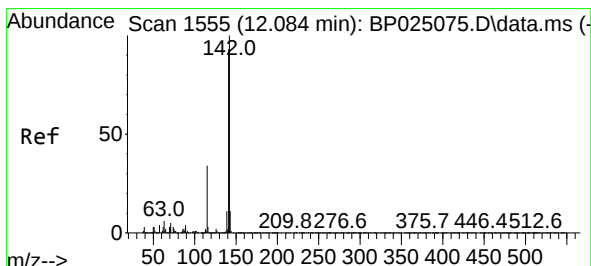
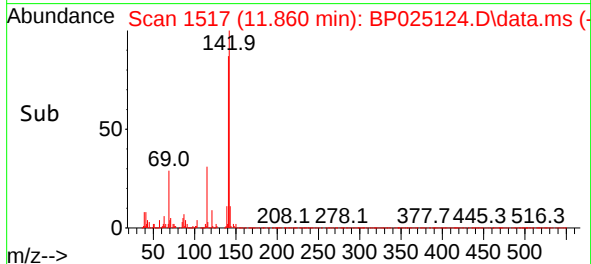
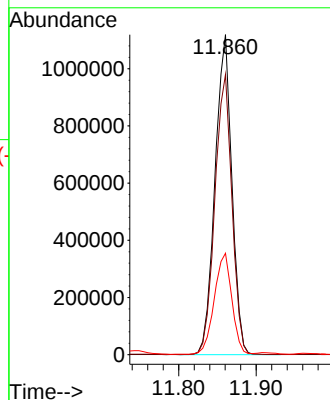
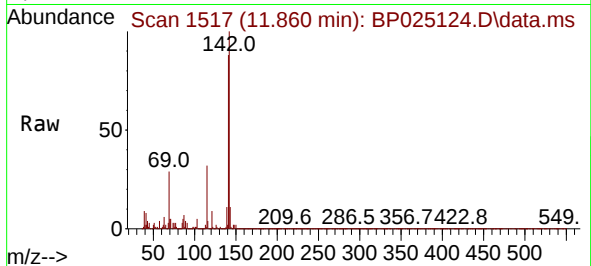




#37
2-Methylnaphthalene
Concen: 22.628 ng
RT: 11.860 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

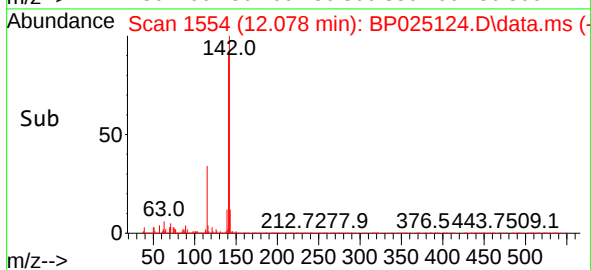
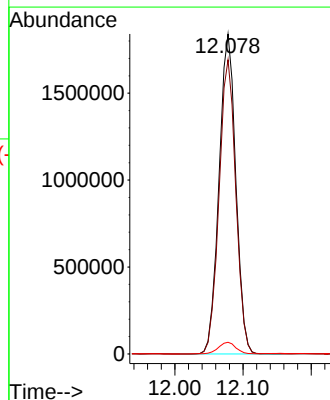
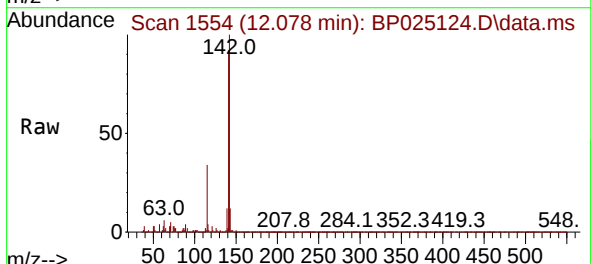
Instrument :
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ClientSampleId :
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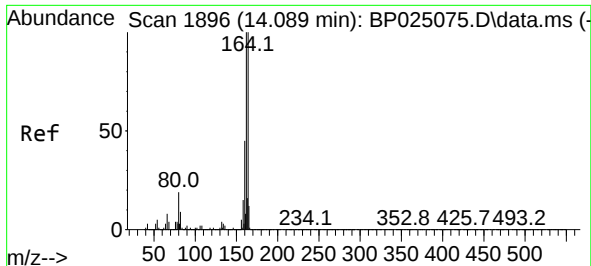
Tgt Ion:142 Resp: 1687268
Ion Ratio Lower Upper
142 100
141 87.5 71.2 106.8
115 31.7 25.9 38.9



#38
1-Methylnaphthalene
Concen: 43.263 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:142 Resp: 3146109
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1
116 3.6 2.7 4.1

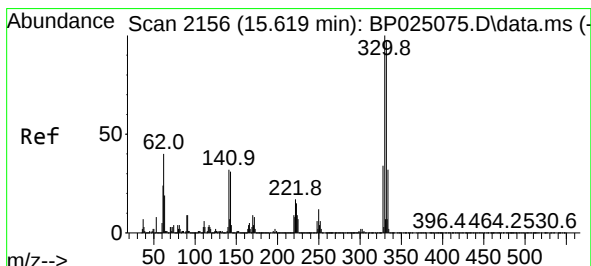
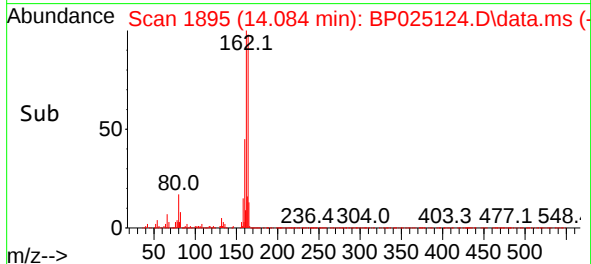
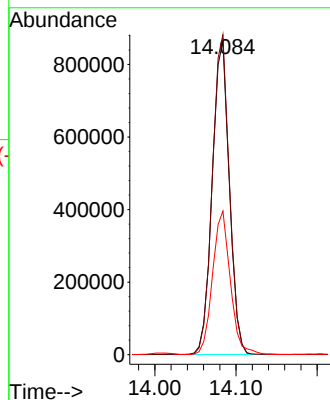
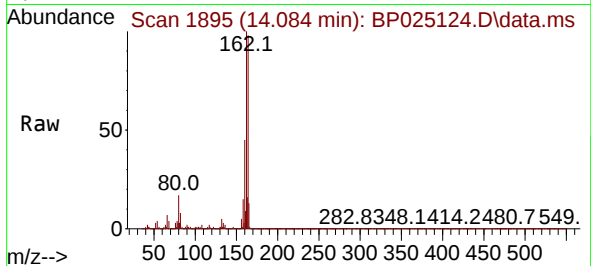




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

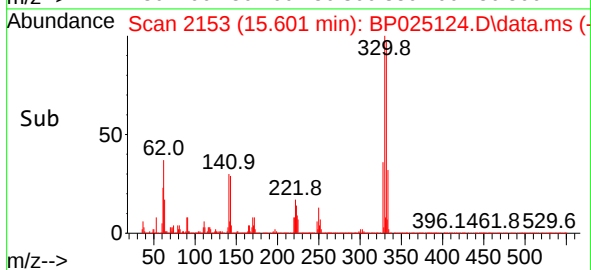
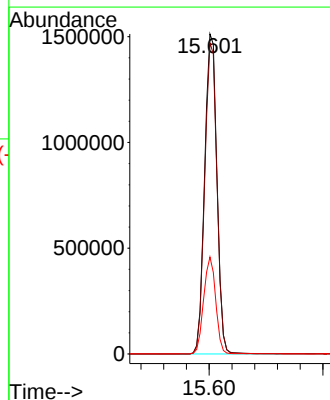
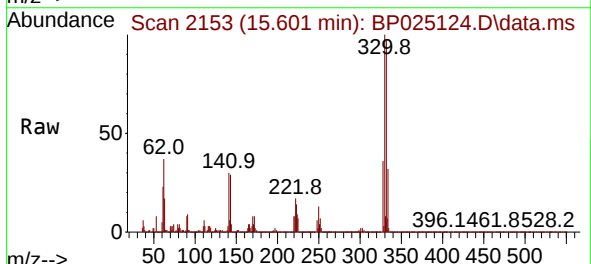
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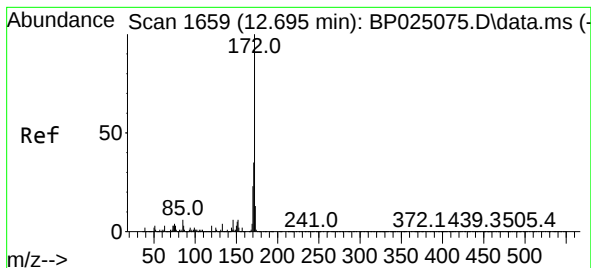
Tgt Ion:164 Resp: 1263038
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 45.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 151.722 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:330 Resp: 2263792
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 29.6 26.0 39.0

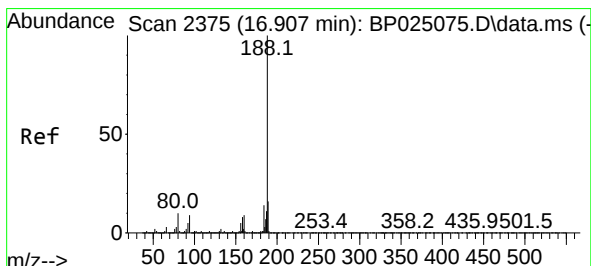
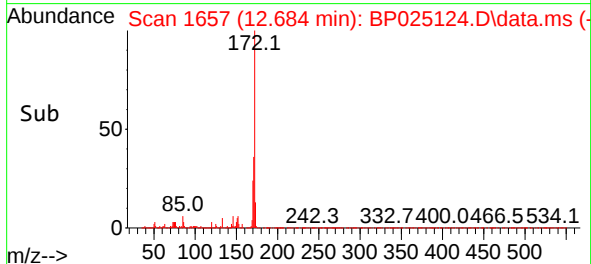
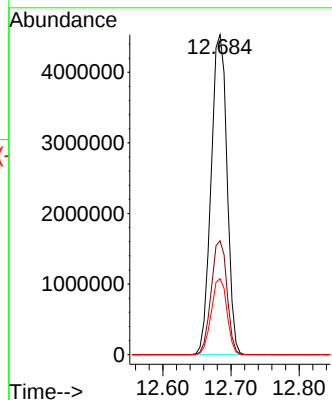
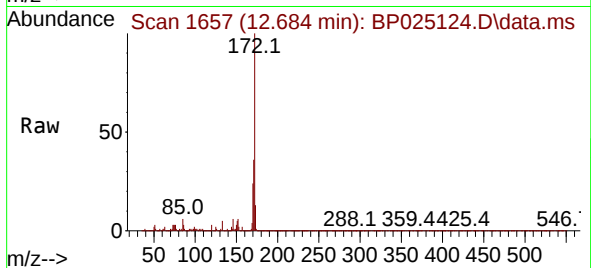




#45
2-Fluorobiphenyl
Concen: 90.255 ng
RT: 12.684 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

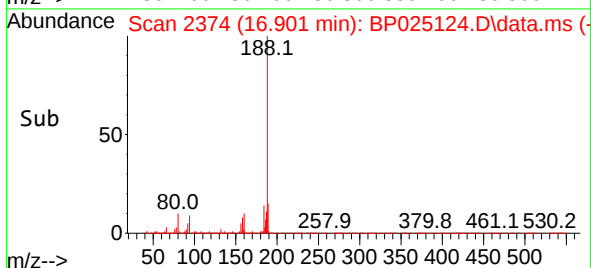
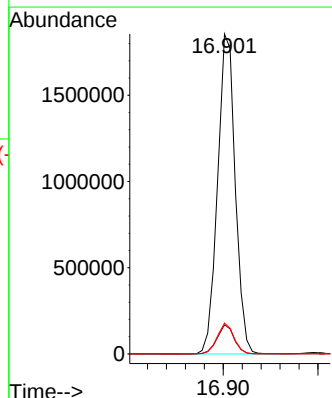
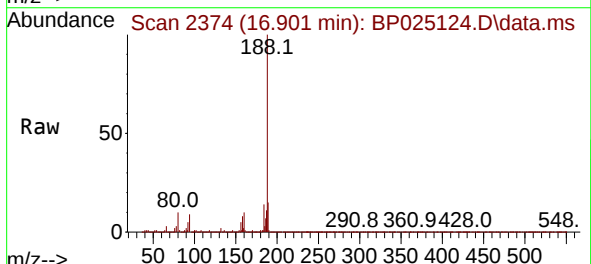
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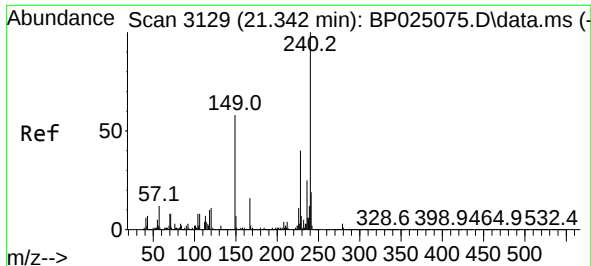
Tgt Ion:172 Resp: 7358512
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:188 Resp: 2404786
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 9.6 7.8 11.6

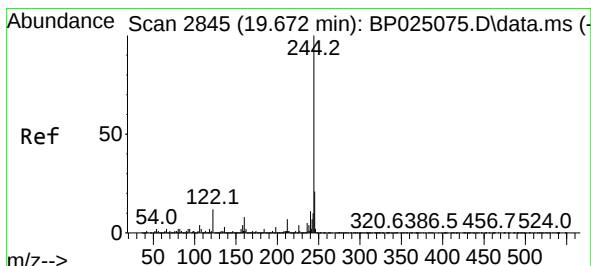
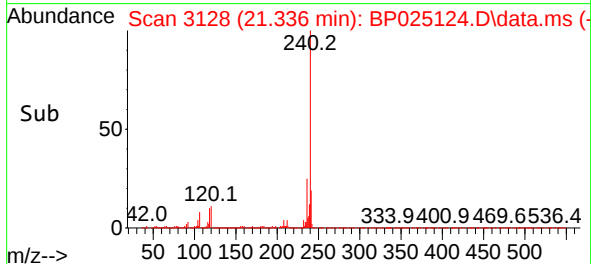
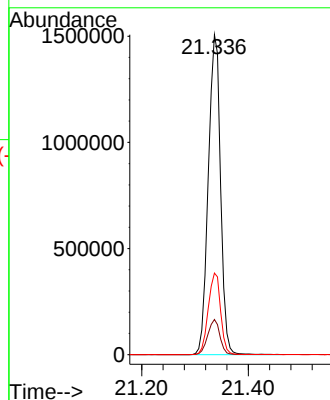
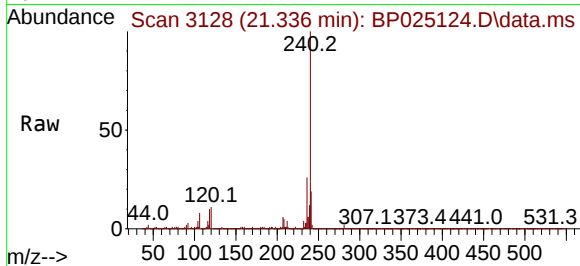




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

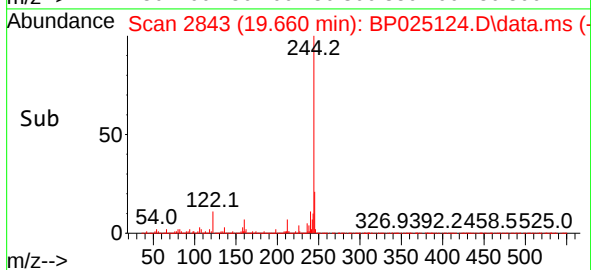
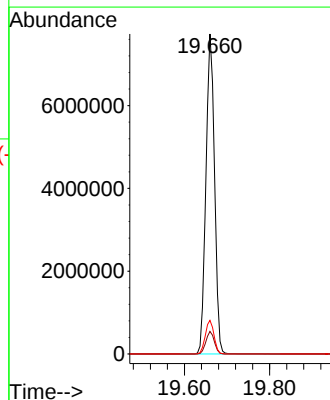
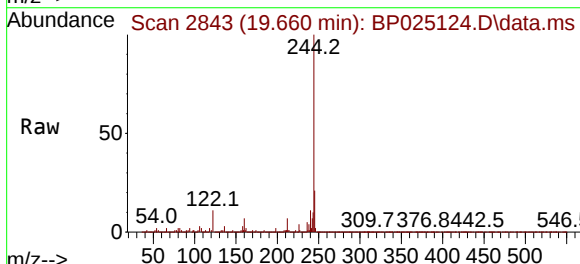
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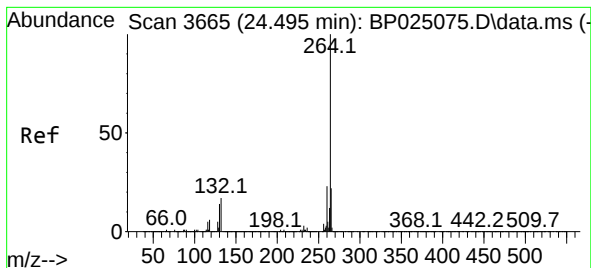
Tgt Ion:240 Resp: 2404592
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 98.865 ng
RT: 19.660 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BP025124.D
Acq: 14 Jul 2025 17:46

Tgt Ion:244 Resp:10816787
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.5 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.454 min Scan# 30

Delta R.T. -0.041 min

Lab File: BP025124.D

Acq: 14 Jul 2025 17:46

Instrument :

BNA_P

ClientSampleId :

AOC-201

Tgt Ion:264 Resp: 2753561

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.8 17.7 26.5

