

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025127.D
 Acq On : 14 Jul 2025 19:51
 Operator : CG/JU
 Sample : Q2553-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AOC-205

Quant Time: Jul 14 20:16:30 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)

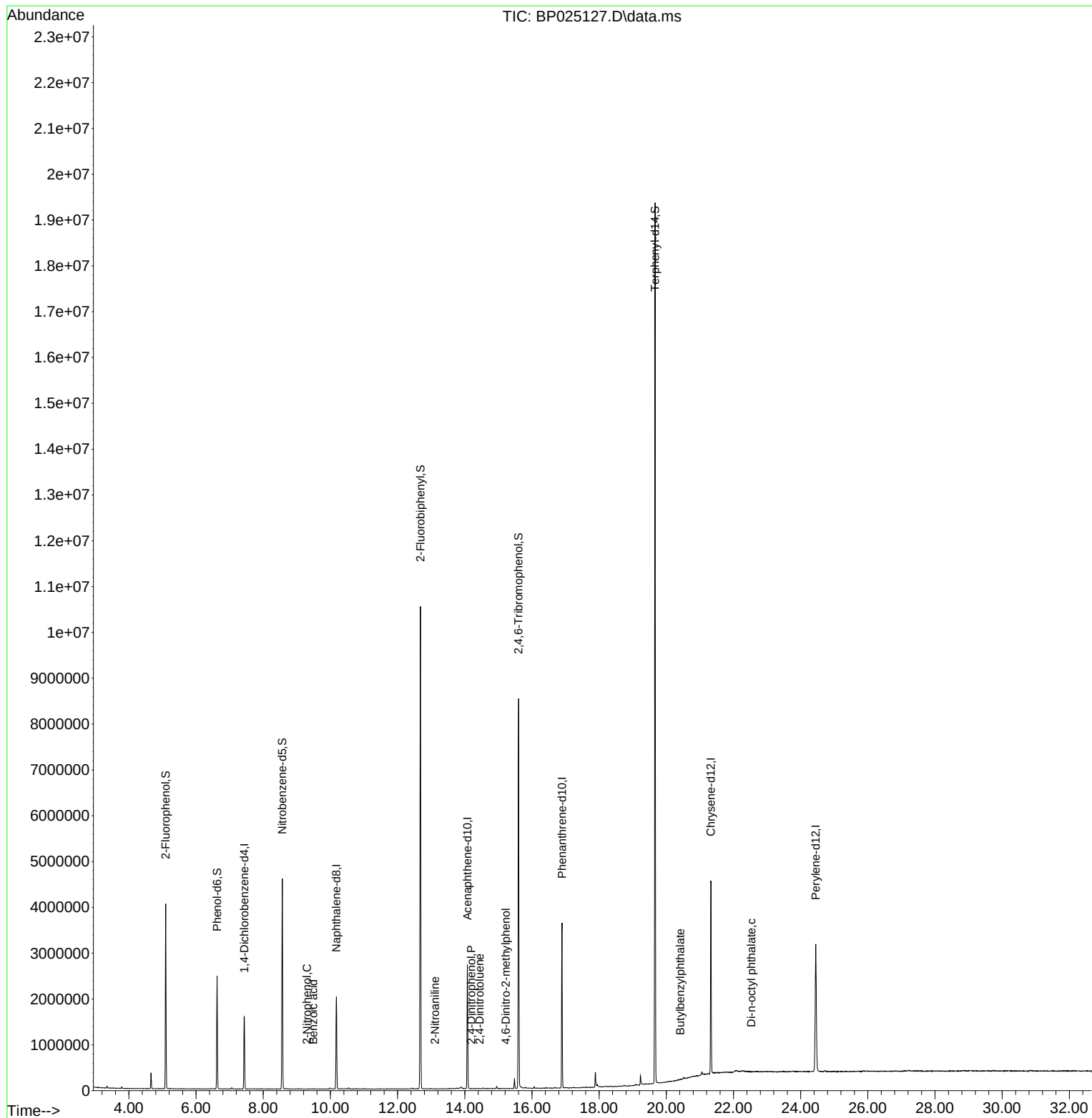
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	458642	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	1720256	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	992285	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	1992612	20.000	ng	-0.01
76) Chrysene-d12	21.324	240	2236955	20.000	ng	-0.02
86) Perylene-d12	24.448	264	2607326	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1711238	66.109	ng	0.00
7) Phenol-d6	6.625	99	1317480	39.003	ng	0.00
23) Nitrobenzene-d5	8.566	82	2490489	96.282	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1755559	149.764	ng	-0.02
45) 2-Fluorobiphenyl	12.678	172	5841646	91.200	ng	-0.02
79) Terphenyl-d14	19.666	244	9633883	94.652	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.301	139	26	3.304	ng	# 1
32) Benzoic acid	9.490	122	160	6.211	ng	# 45
48) 2-Nitroaniline	13.113	65	258	2.783	ng	# 21
54) 2,4-Dinitrophenol	14.189	184	45	5.391	ng	# 1
57) 2,4-Dinitrotoluene	14.442	165	168	2.645	ng	# 58
65) 4,6-Dinitro-2-methylph...	15.219	198	34	5.582	ng	# 1
80) Butylbenzylphthalate	20.413	149	1884	3.715	ng	# 67
85) Di-n-octyl phthalate	22.530	149	497	6.102	ng	# 1

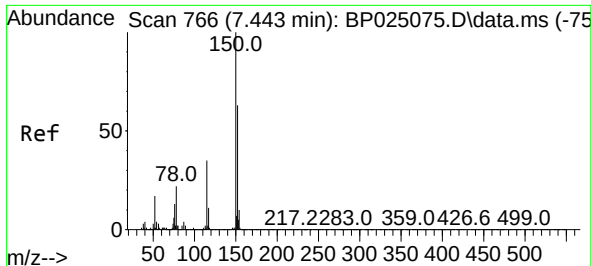
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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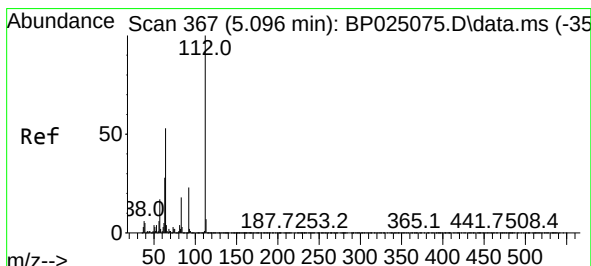
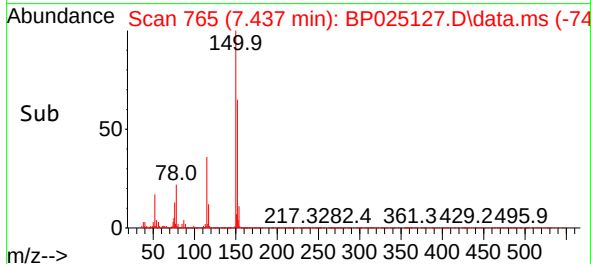
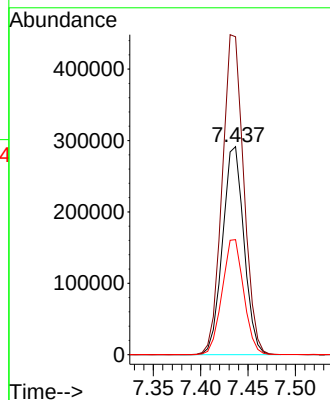
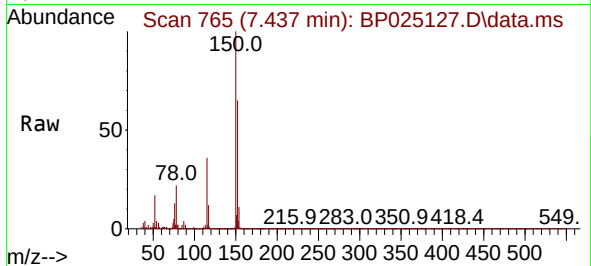




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

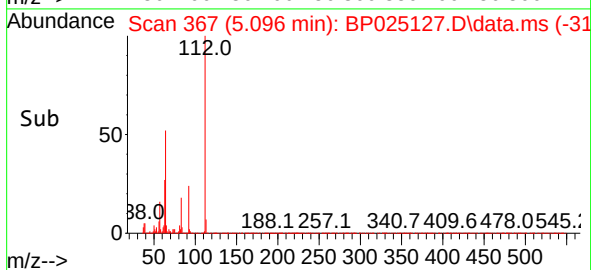
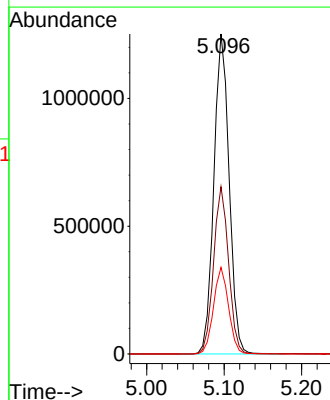
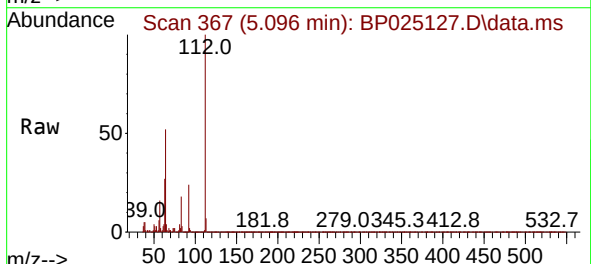
Instrument :
BNA_P
ClientSampleId :
AOC-205

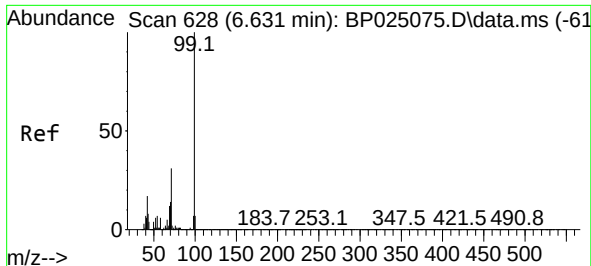
Tgt Ion:152 Resp: 458642
Ion Ratio Lower Upper
152 100
150 152.8 126.1 189.1
115 55.3 44.3 66.5



#5
2-Fluorophenol
Concen: 66.109 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:112 Resp: 1711238
Ion Ratio Lower Upper
112 100
64 52.2 42.0 63.0
63 27.0 22.2 33.2

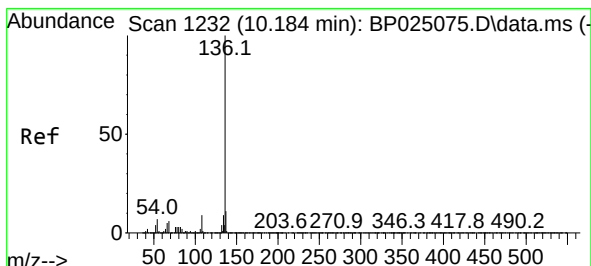
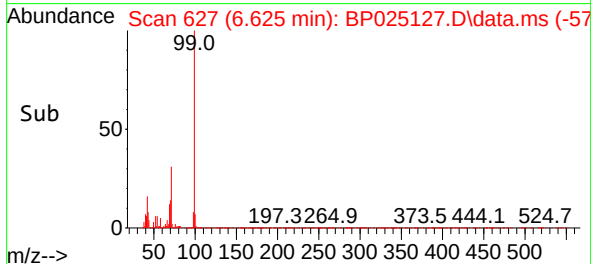
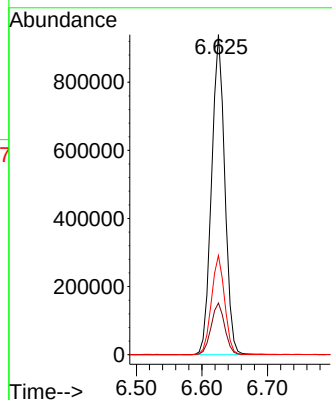
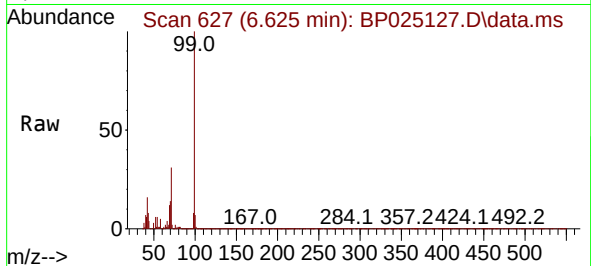




#7
Phenol-d6
Concen: 39.003 ng
RT: 6.625 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

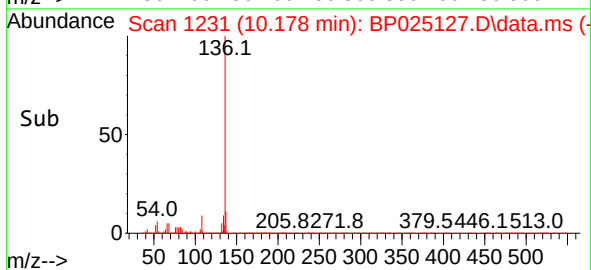
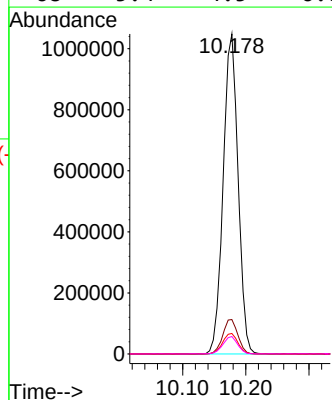
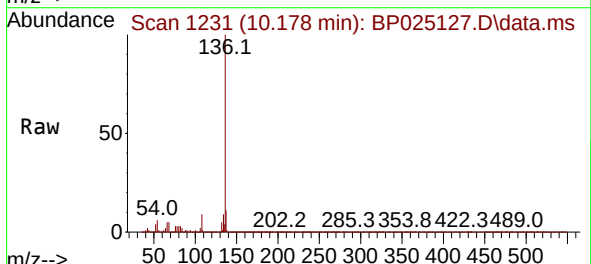
Instrument :
BNA_P
ClientSampleId :
AOC-205

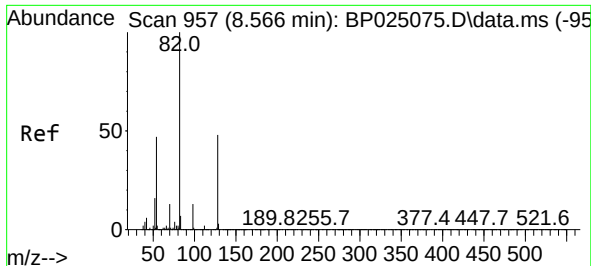
Tgt Ion: 99 Resp: 1317480
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 31.0 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion: 136 Resp: 1720256
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.4 5.4 8.2
68 5.4 4.5 6.7

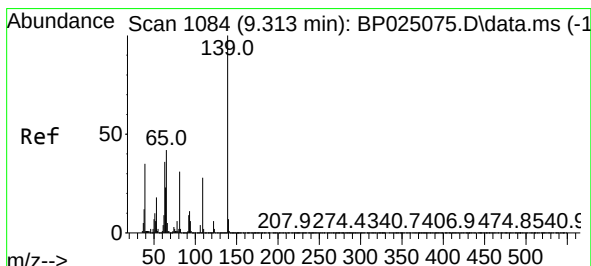
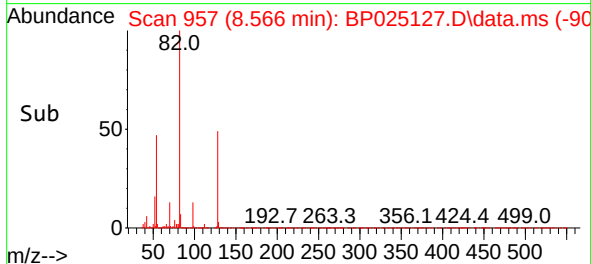
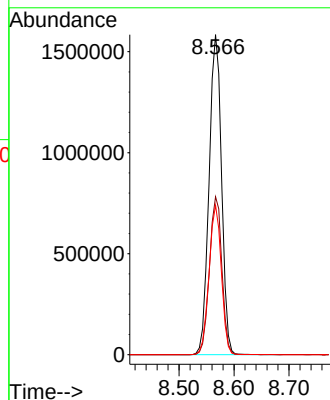
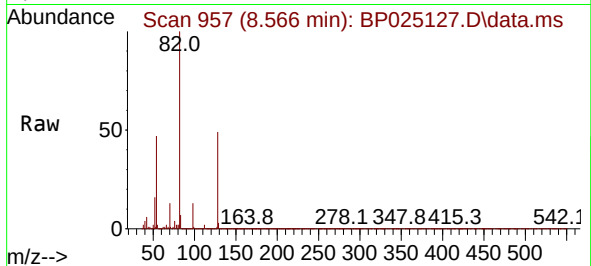




#23
Nitrobenzene-d5
Concen: 96.282 ng
RT: 8.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

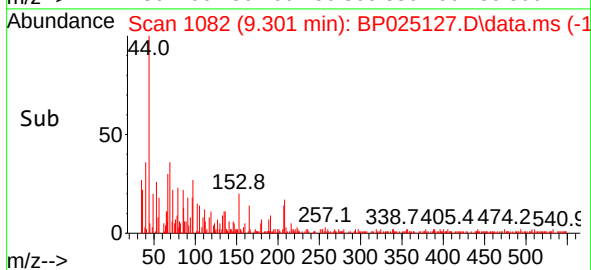
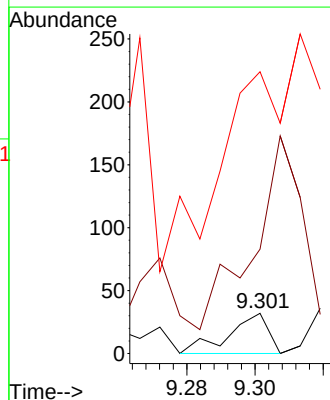
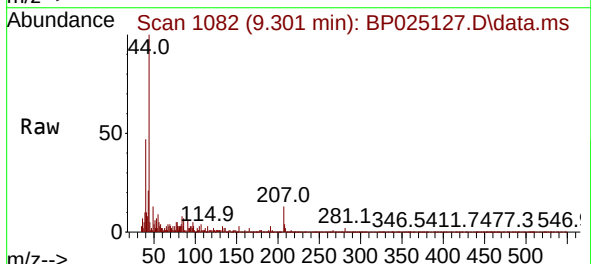
Instrument :
BNA_P
ClientSampleId :
AOC-205

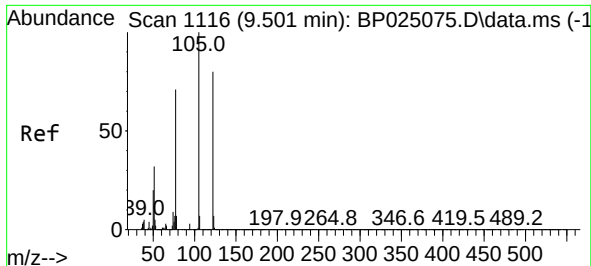
Tgt Ion: 82 Resp: 2490489
Ion Ratio Lower Upper
82 100
128 49.3 38.4 57.6
54 46.7 37.8 56.6



#26
2-Nitrophenol
Concen: 3.304 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:139 Resp: 26
Ion Ratio Lower Upper
139 100
109 259.4 22.3 33.5#
65 700.0 33.8 50.8#

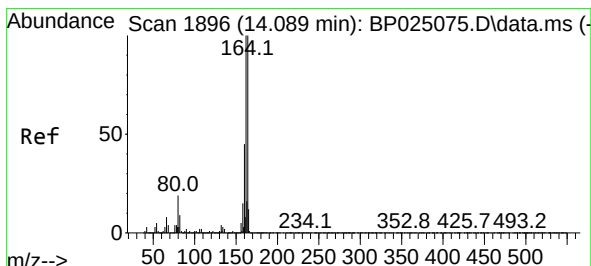
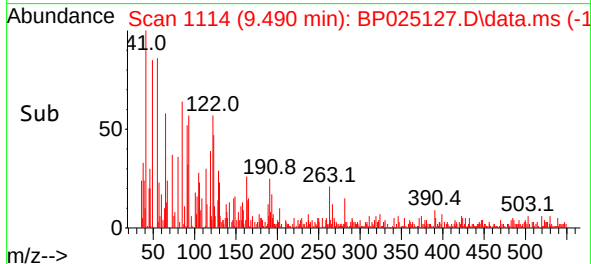
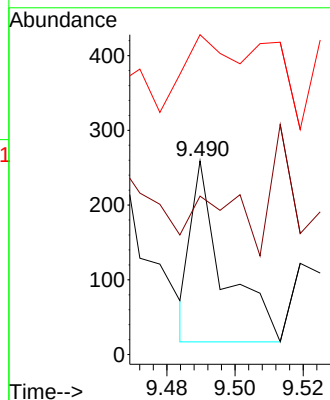
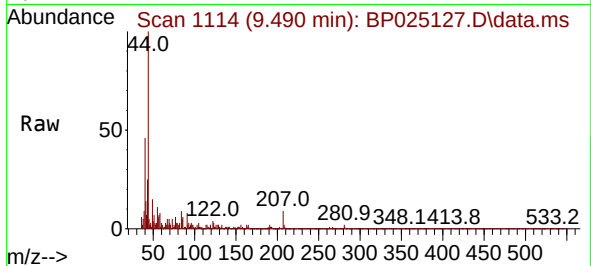




#32
Benzoic acid
Concen: 6.211 ng
RT: 9.490 min Scan# 1116
Delta R.T. -0.011 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

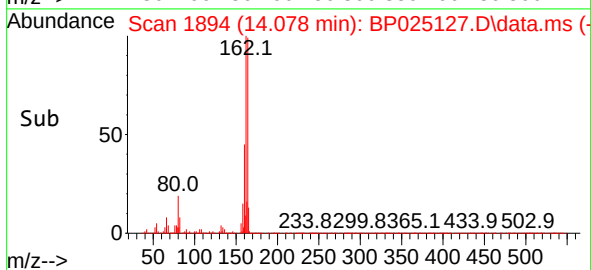
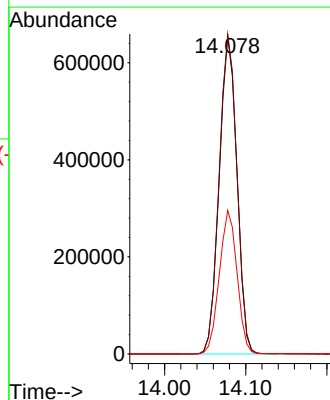
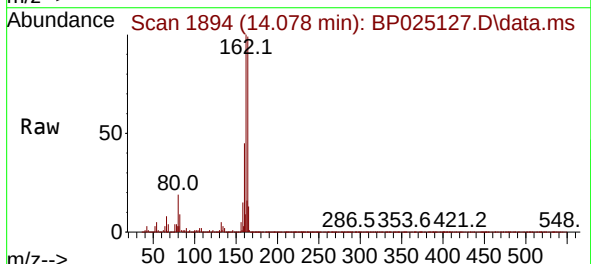
Instrument :
BNA_P
ClientSampleId :
AOC-205

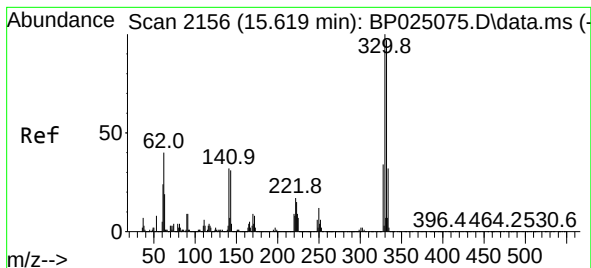
Tgt Ion:122 Resp: 160
Ion Ratio Lower Upper
122 100
105 81.9 101.0 141.0#
77 165.3 67.6 107.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. -0.011 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:164 Resp: 992285
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 149.764 ng

RT: 15.601 min Scan# 2156

Delta R.T. -0.018 min

Lab File: BP025127.D

Acq: 14 Jul 2025 19:51

Instrument :

BNA_P

ClientSampleId :

AOC-205

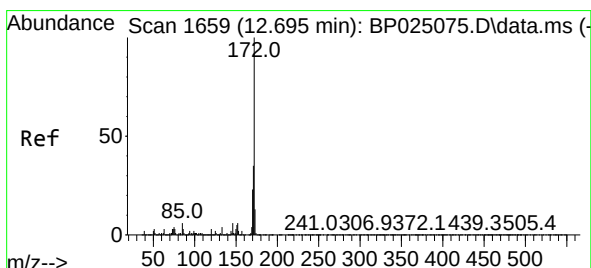
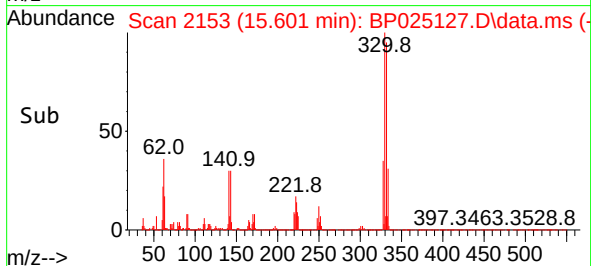
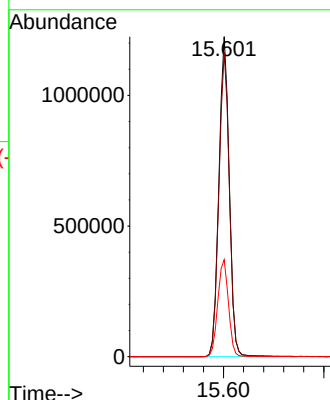
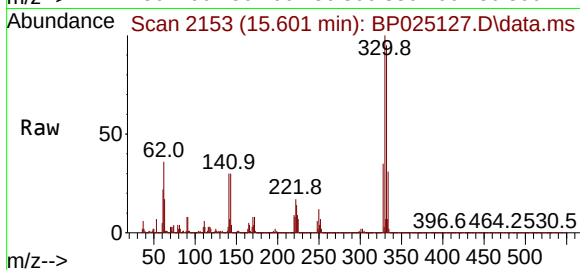
Tgt Ion:330 Resp: 1755559

Ion Ratio Lower Upper

330 100

332 96.2 77.7 116.5

141 31.3 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 91.200 ng

RT: 12.678 min Scan# 1656

Delta R.T. -0.018 min

Lab File: BP025127.D

Acq: 14 Jul 2025 19:51

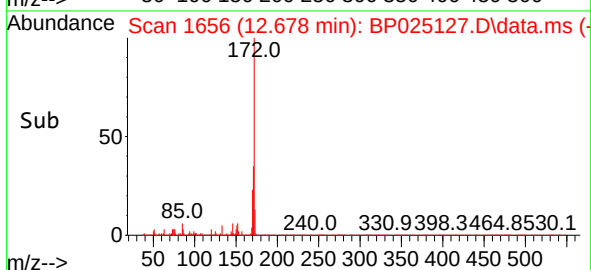
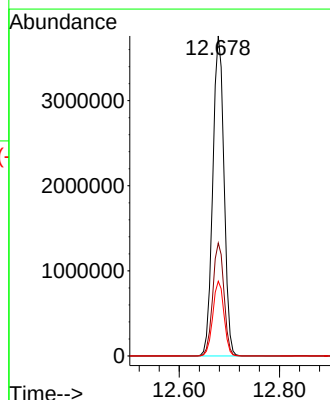
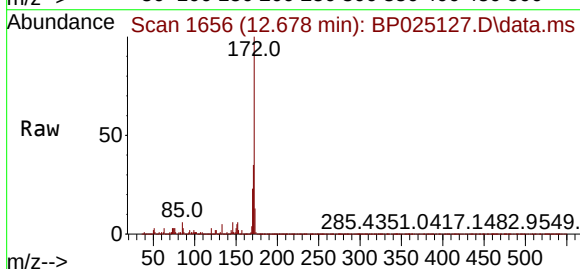
Tgt Ion:172 Resp: 5841646

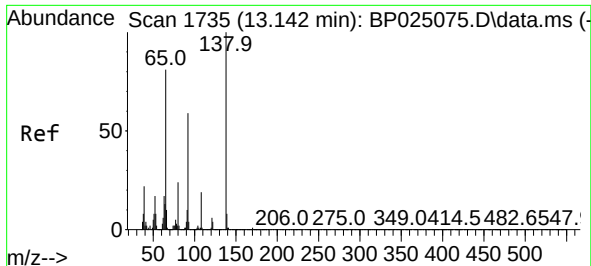
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.4 18.7 28.1

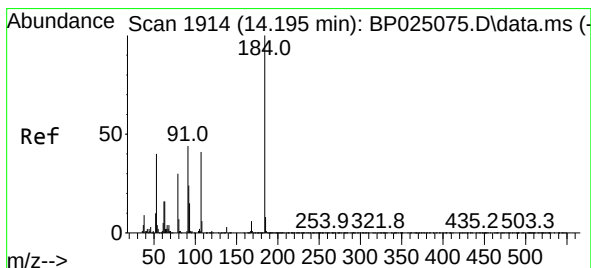
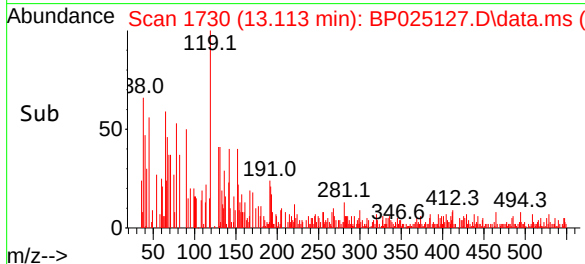
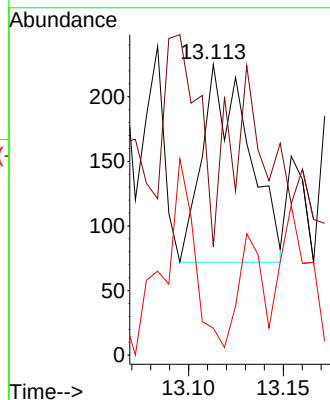
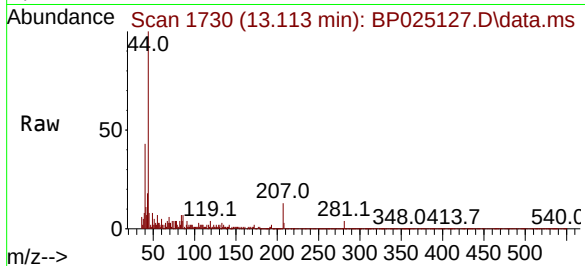




#48
2-Nitroaniline
Concen: 2.783 ng
RT: 13.113 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

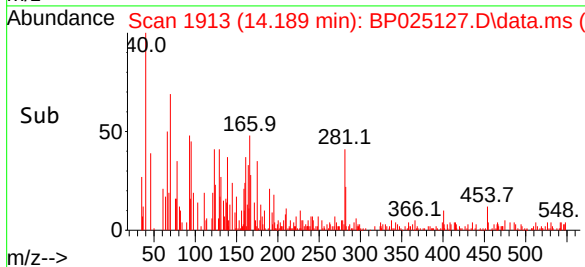
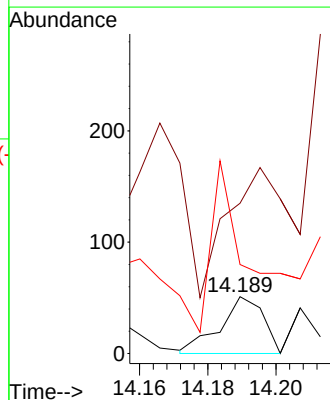
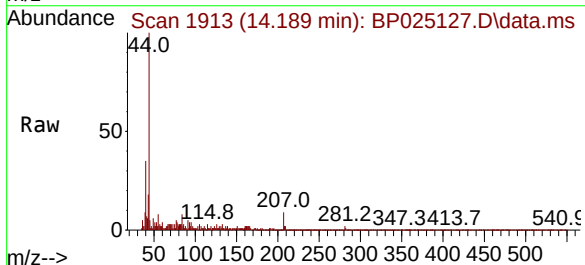
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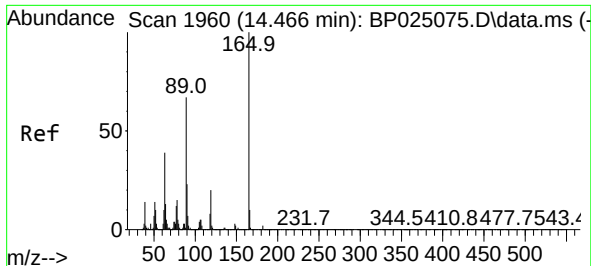
Tgt Ion: 65 Resp: 258
Ion Ratio Lower Upper
65 100
92 37.3 58.7 88.1#
138 9.3 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 5.391 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:184 Resp: 45
Ion Ratio Lower Upper
184 100
63 264.7 47.4 71.0#
154 156.9 47.8 71.8#

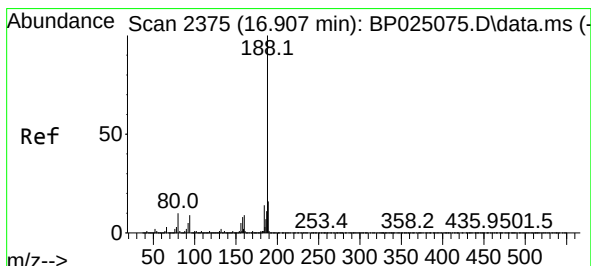
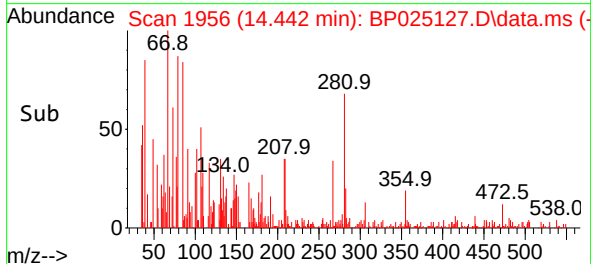
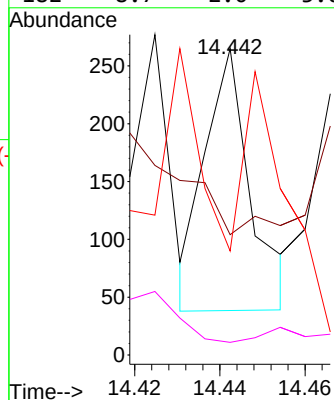
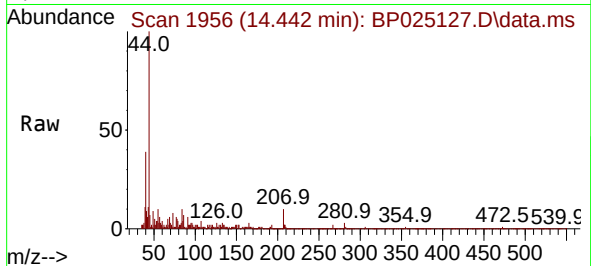




#57
2,4-Dinitrotoluene
Concen: 2.645 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.024 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

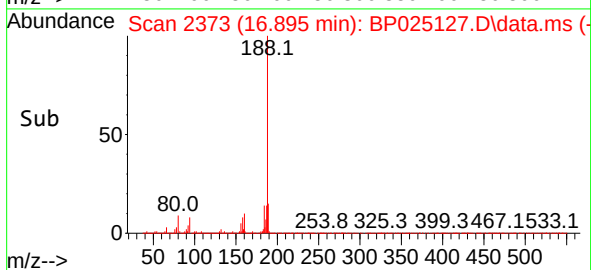
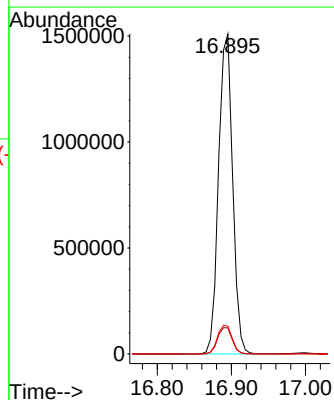
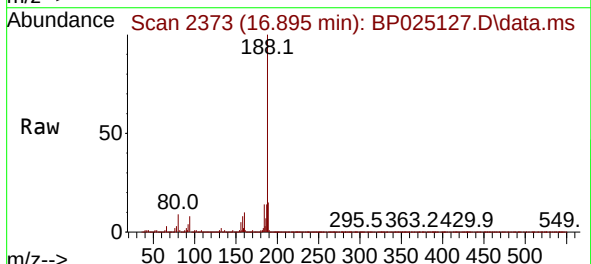
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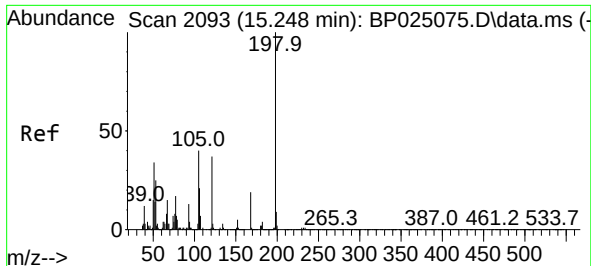
Tgt Ion:165 Resp: 168
Ion Ratio Lower Upper
165 100
63 66.0 31.0 46.4#
89 34.0 53.4 80.0#
182 8.7 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. -0.012 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:188 Resp: 1992612
Ion Ratio Lower Upper
188 100
94 8.2 7.3 10.9
80 8.7 7.8 11.6

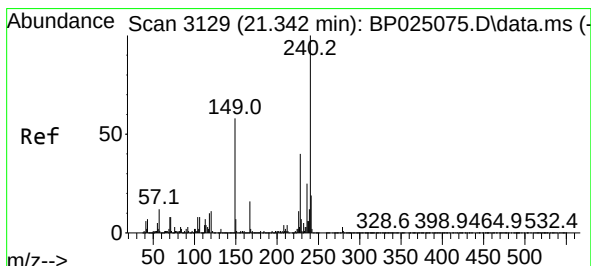
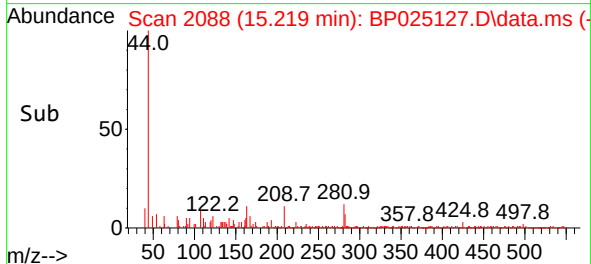
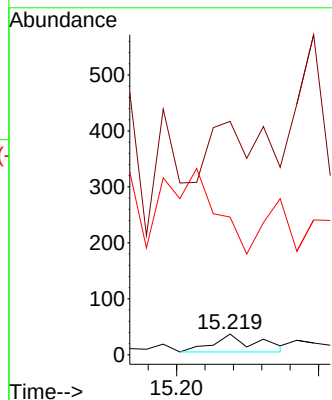
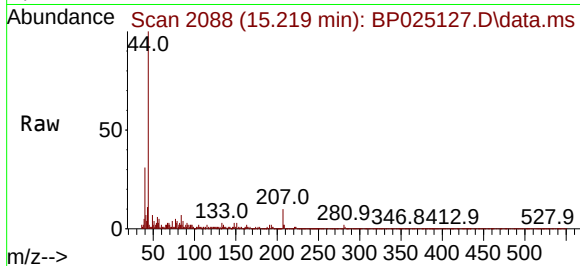




#65
4,6-Dinitro-2-methylphenol
Concen: 5.582 ng
RT: 15.219 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

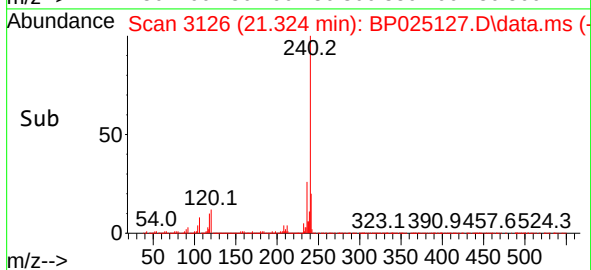
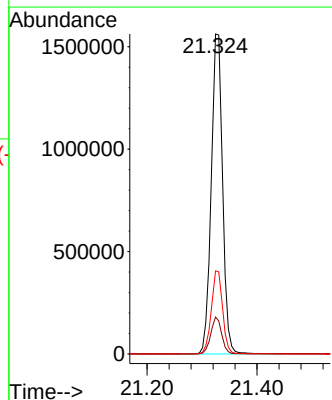
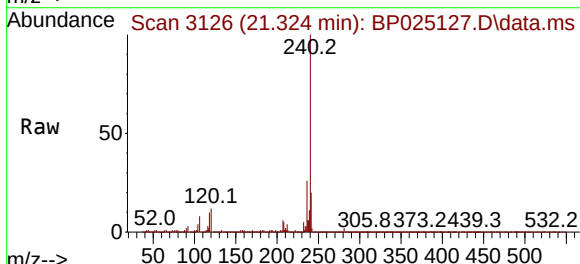
Instrument :
BNA_P
ClientSampleId :
AOC-205

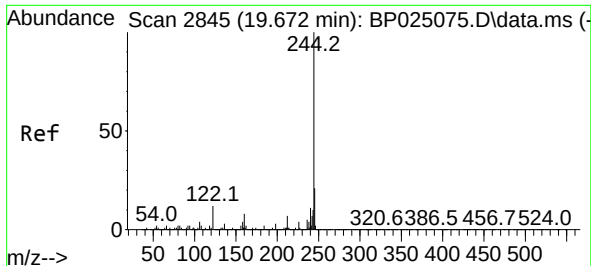
Tgt Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 1127.0 16.8 56.8#
105 664.9 20.8 60.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.018 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:240 Resp: 2236955
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 25.9 20.3 30.5

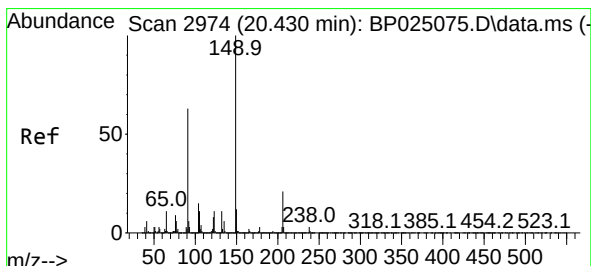
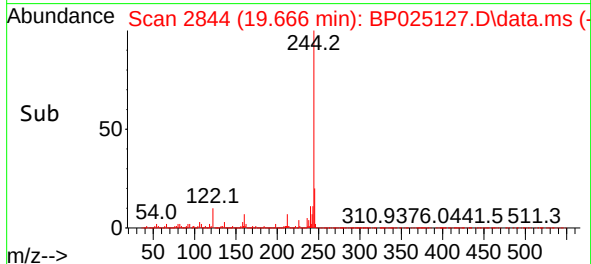
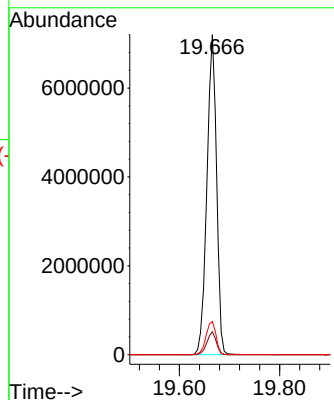
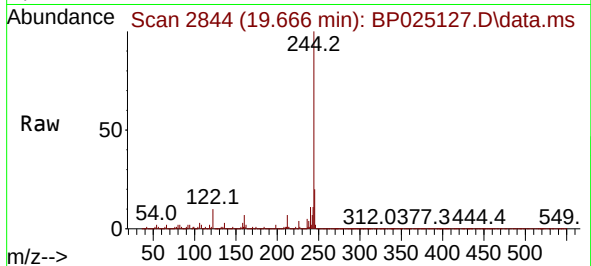




#79
 Terphenyl-d14
 Concen: 94.652 ng
 RT: 19.666 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BP025127.D
 Acq: 14 Jul 2025 19:51

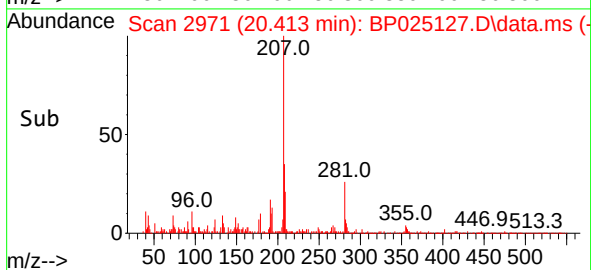
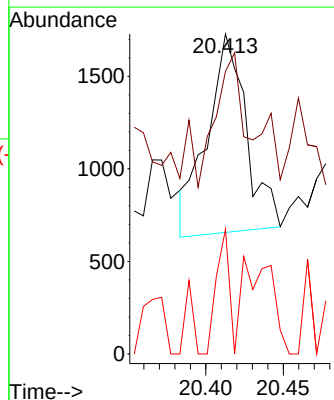
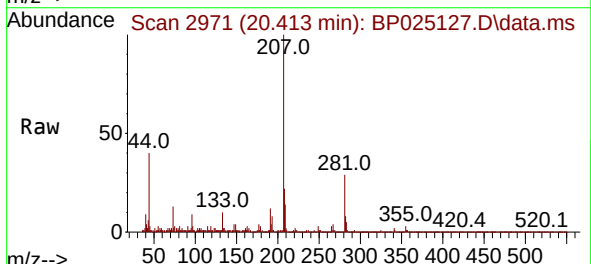
Instrument :
 BNA_P
 ClientSampleId :
 AOC-205

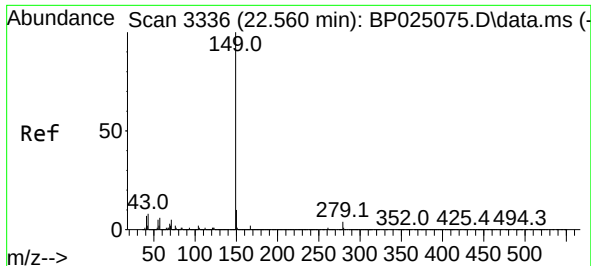
Tgt Ion:244 Resp: 9633883
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.4 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 3.715 ng
 RT: 20.413 min Scan# 2971
 Delta R.T. -0.017 min
 Lab File: BP025127.D
 Acq: 14 Jul 2025 19:51

Tgt Ion:149 Resp: 1884
 Ion Ratio Lower Upper
 149 100
 91 88.3 50.6 76.0#
 206 39.0 17.2 25.8#

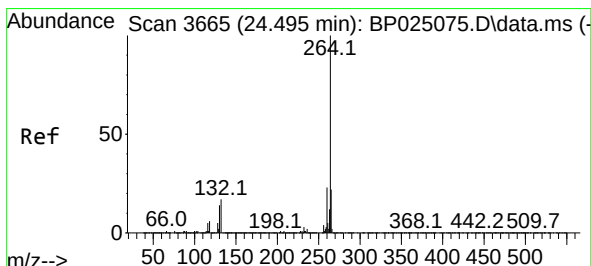
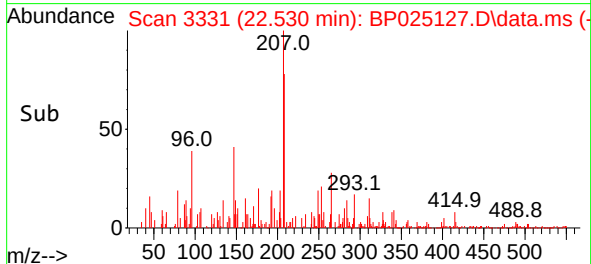
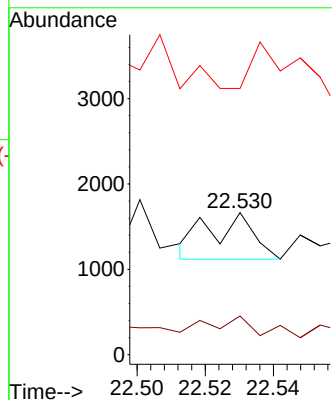
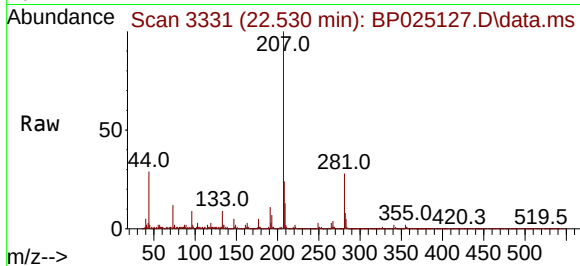




#85
Di-n-octyl phthalate
Concen: 6.102 ng
RT: 22.530 min Scan# 31
Delta R.T. -0.030 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Instrument :
BNA_P
ClientSampleId :
AOC-205

Tgt Ion:149 Resp: 497
Ion Ratio Lower Upper
149 100
167 51.7 1.3 1.9#
43 169.6 6.9 10.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.448 min Scan# 3657
Delta R.T. -0.047 min
Lab File: BP025127.D
Acq: 14 Jul 2025 19:51

Tgt Ion:264 Resp: 2607326
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.8 17.7 26.5

