

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024480.D
 Acq On : 30 Apr 2025 19:30
 Operator : RC/JU
 Sample : Q1900-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3

Quant Time: May 01 01:06:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

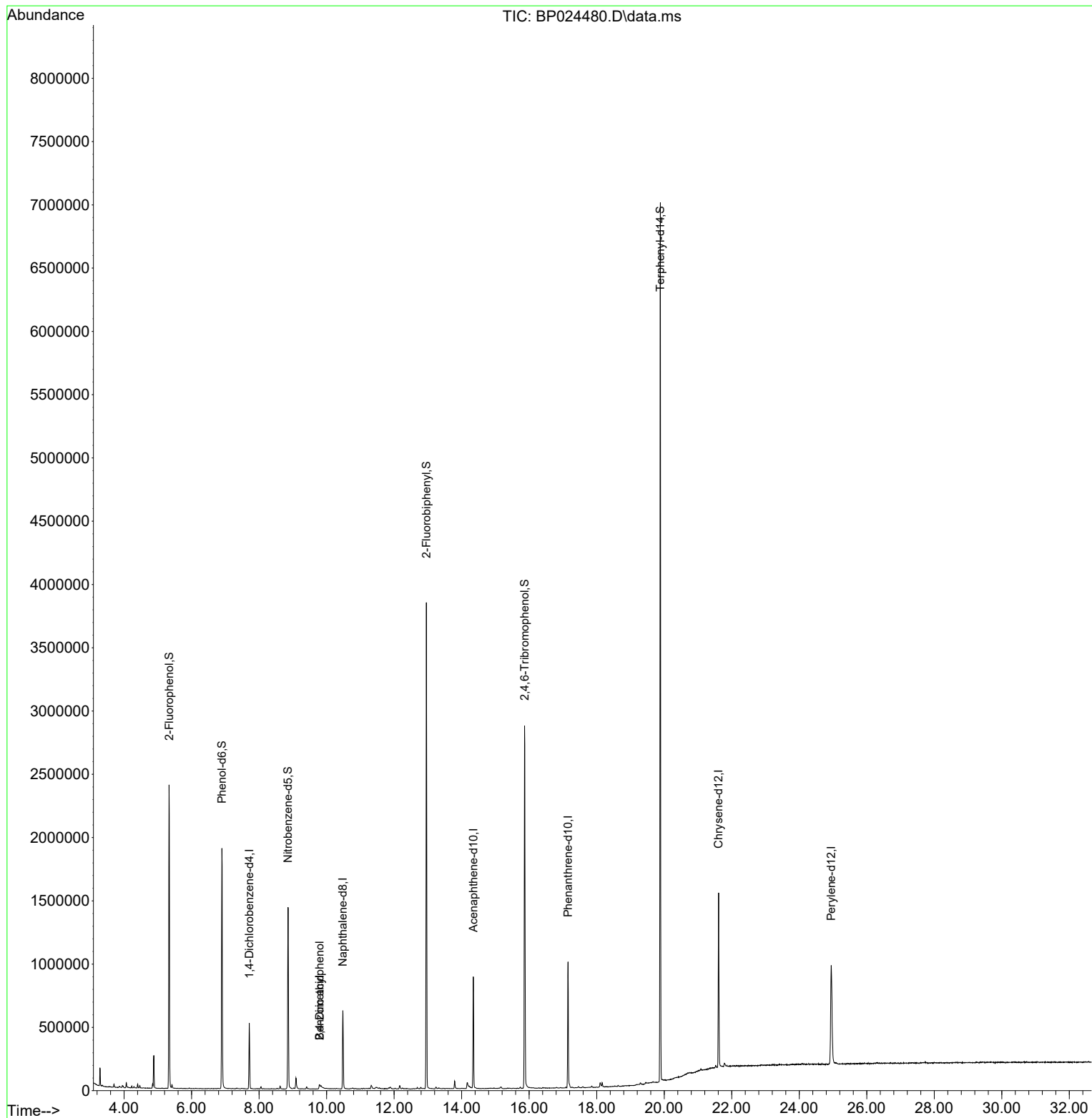
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	135847	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	507999	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	293375	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	588250	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	712977	20.000	ng	0.02
86) Perylene-d12	24.945	264	866386	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	998603	121.544	ng	-0.01
7) Phenol-d6	6.899	99	1093027	97.159	ng	-0.01
23) Nitrobenzene-d5	8.857	82	832409	93.435	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	645089	158.928	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1738752	90.745	ng	0.00
79) Terphenyl-d14	19.886	244	3326627	94.046	ng	0.01
Target Compounds						
27) 2,4-Dimethylphenol	9.793	122	31897	5.890	ng	# 4
32) Benzoic acid	9.793	122	32705	5.183	ng	95

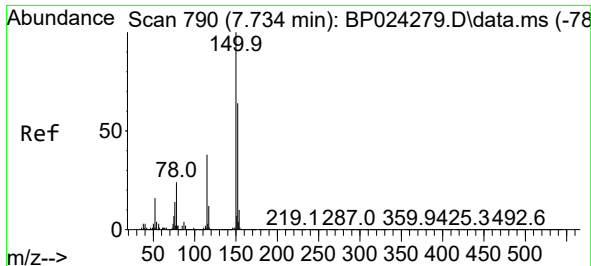
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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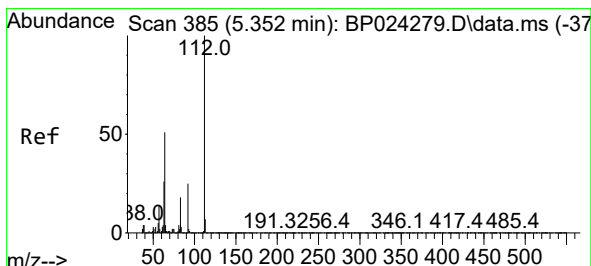
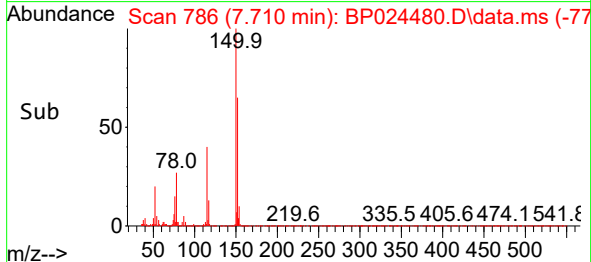
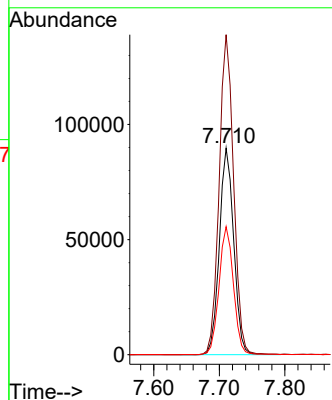
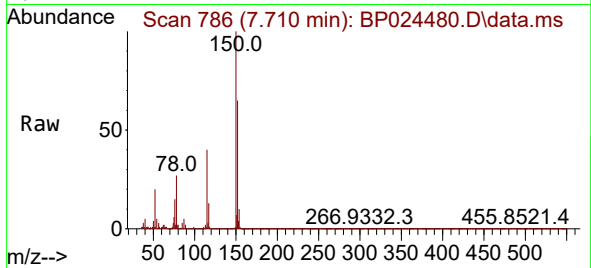




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

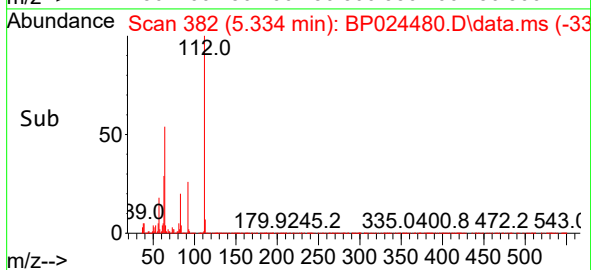
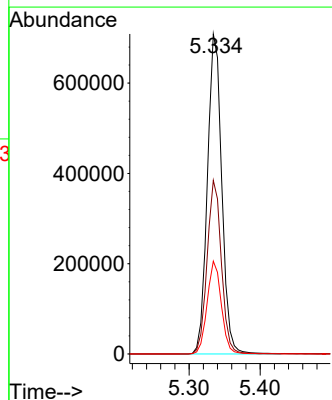
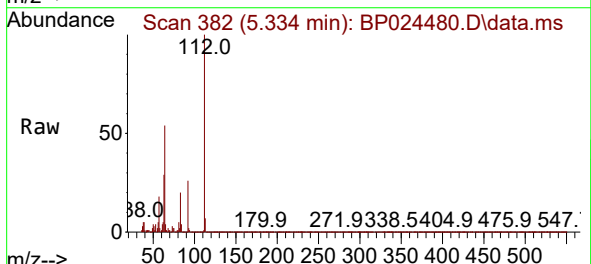
Instrument :
BNA_P
ClientSampleId :
WC-3

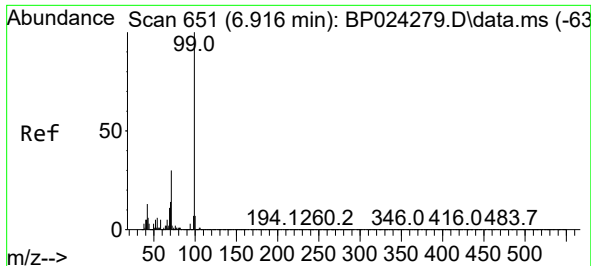
Tgt Ion:152 Resp: 135847
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 61.9 47.7 71.5



#5
2-Fluorophenol
Concen: 121.544 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion:112 Resp: 998603
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 29.0 20.6 30.8

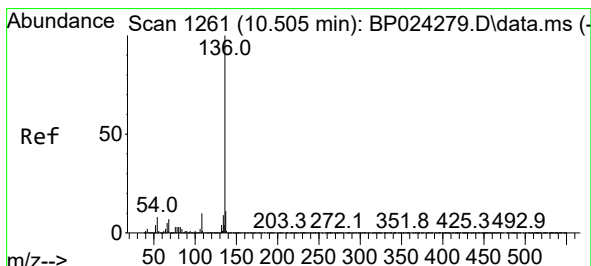
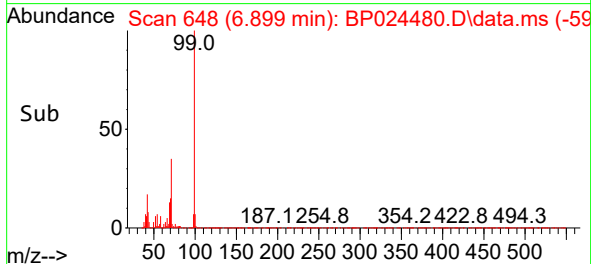
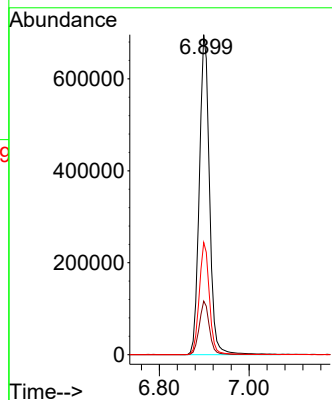
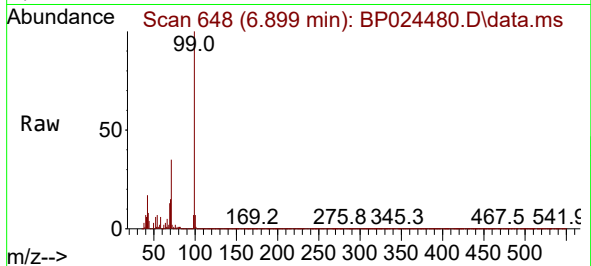




#7
Phenol-d6
Concen: 97.159 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

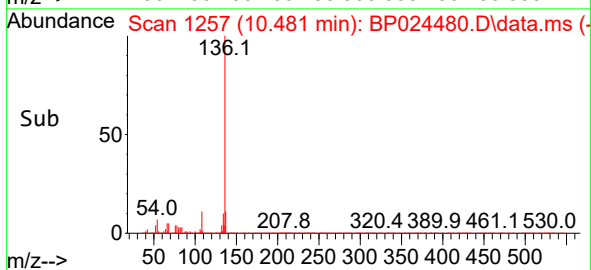
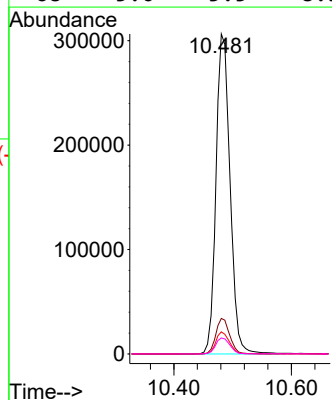
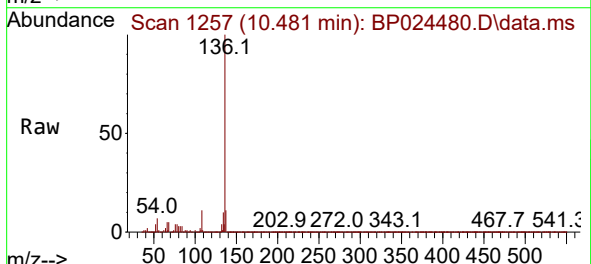
Instrument :
BNA_P
ClientSampleId :
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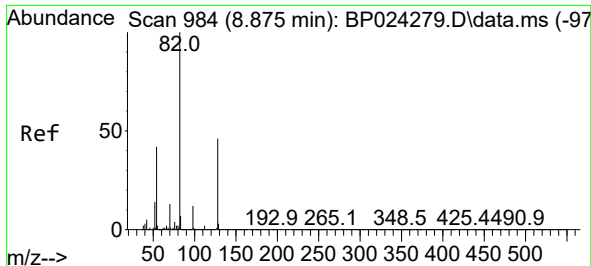
Tgt Ion: 99 Resp: 1093027
Ion Ratio Lower Upper
99 100
42 16.8 10.6 16.0#
71 35.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion:136 Resp: 507999
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.9 6.0 9.0
68 5.0 5.5 8.3#

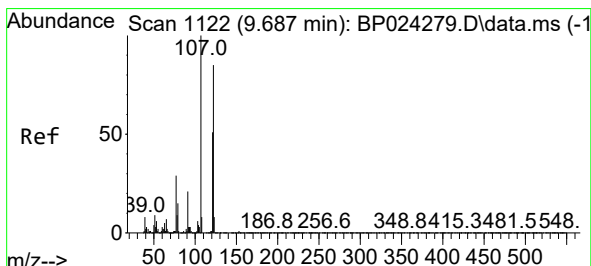
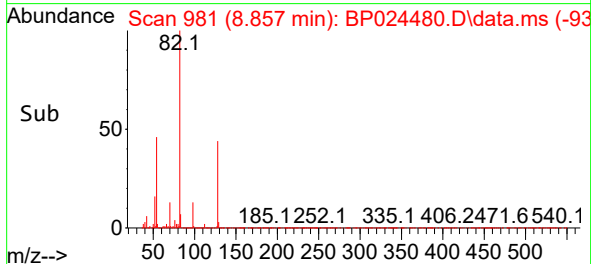
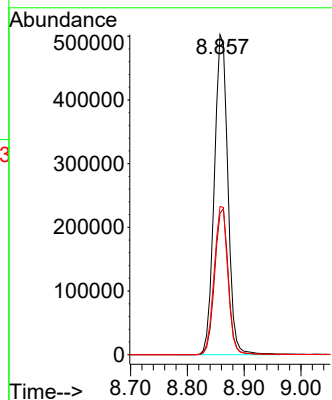
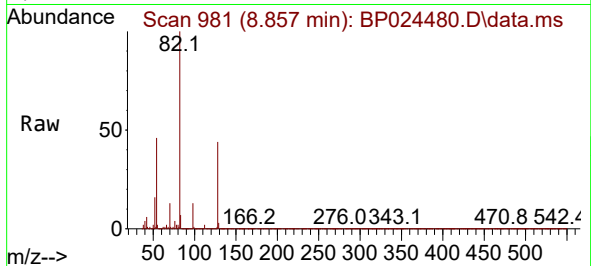




#23
Nitrobenzene-d5
Concen: 93.435 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

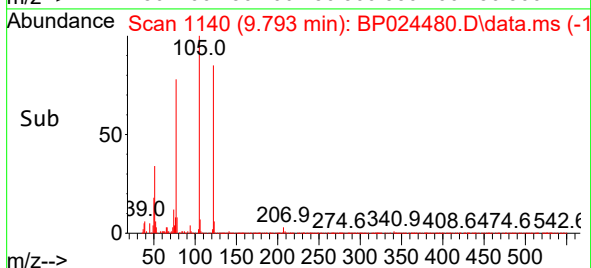
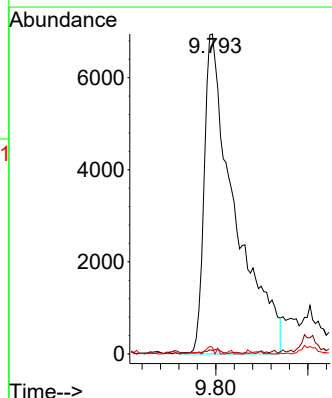
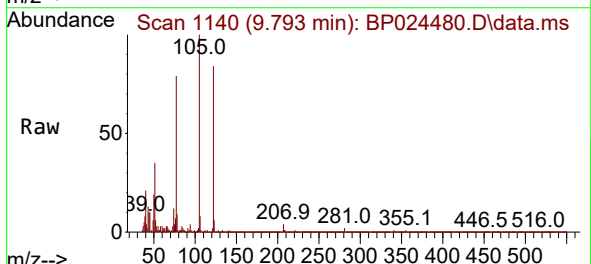
Instrument :
BNA_P
ClientSampleId :
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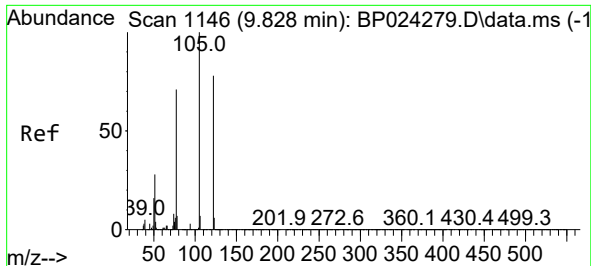
Tgt Ion: 82 Resp: 832409
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 46.3 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 5.890 ng
RT: 9.793 min Scan# 1140
Delta R.T. 0.112 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion: 122 Resp: 31897
Ion Ratio Lower Upper
122 100
107 1.1 93.7 140.5#
121 2.1 48.2 72.2#

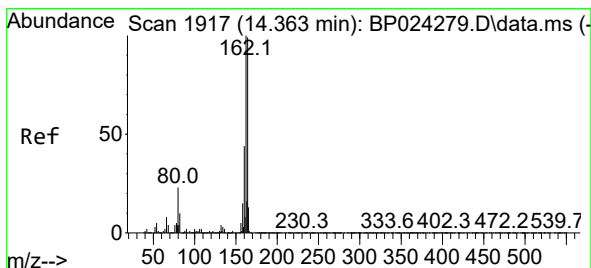
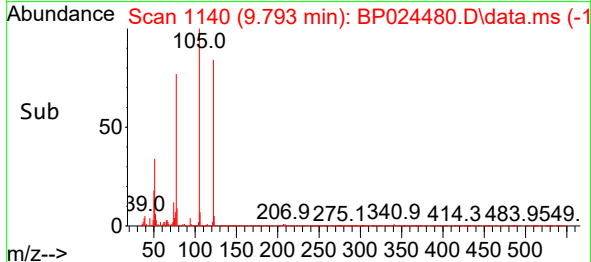
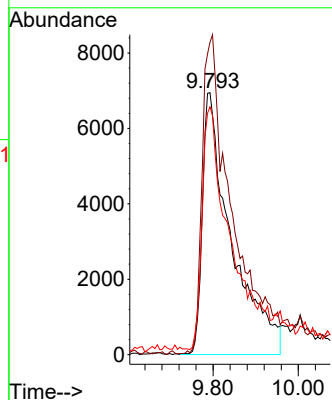
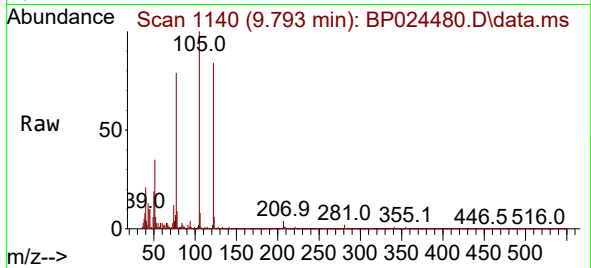




#32
Benzoic acid
Concen: 5.183 ng
RT: 9.793 min Scan# 1146
Delta R.T. -0.029 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

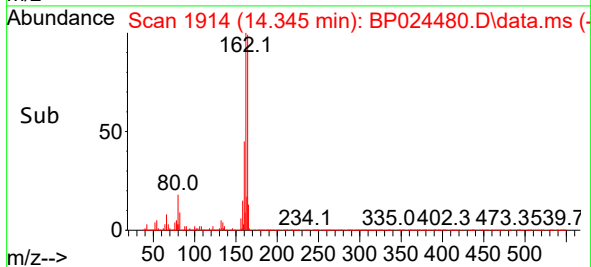
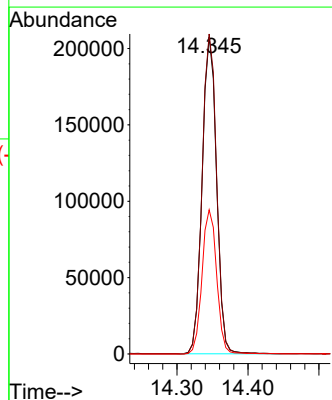
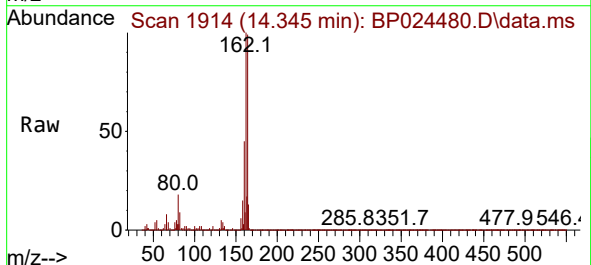
Instrument :
BNA_P
ClientSampleId :
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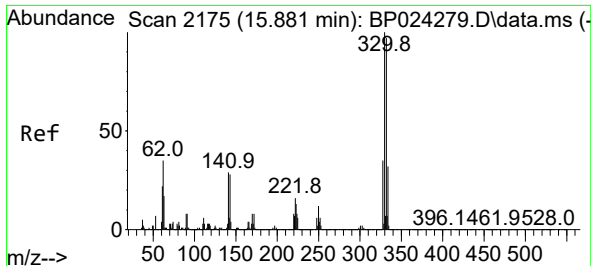
Tgt Ion:	122	Resp:	32705
Ion	Ratio	Lower	Upper
122	100		
105	119.2	104.8	144.8
77	94.6	69.2	109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion:	164	Resp:	293375
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.5	35.3	52.9

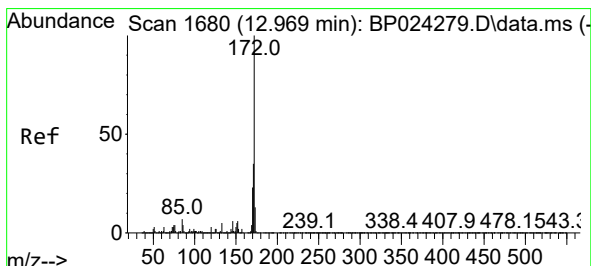
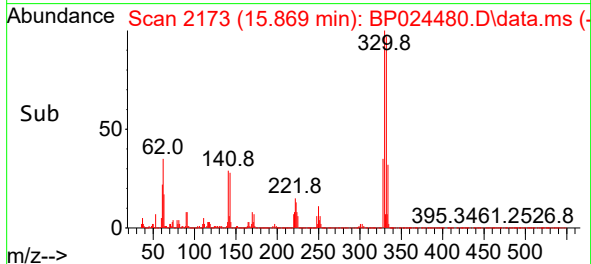
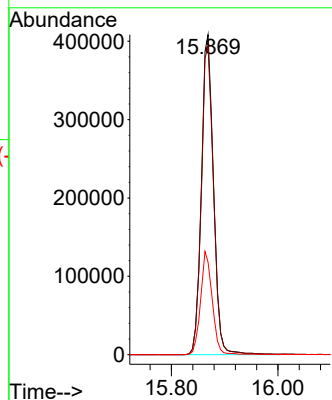
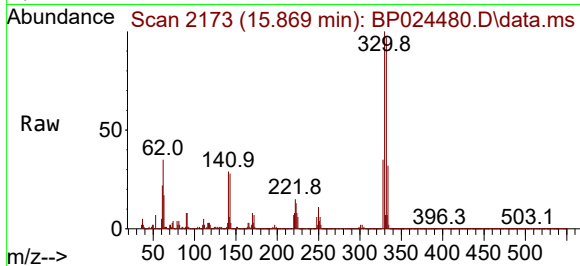




#42
2,4,6-Tribromophenol
Concen: 158.928 ng
RT: 15.869 min Scan# 2173
Delta R.T. 0.006 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

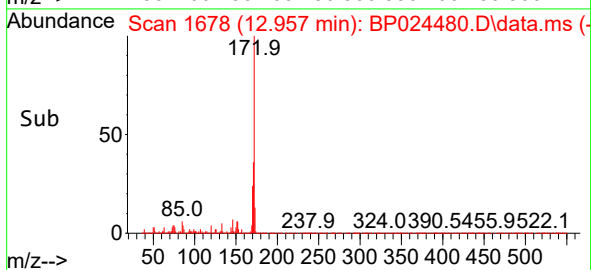
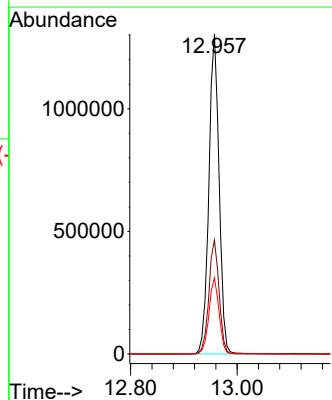
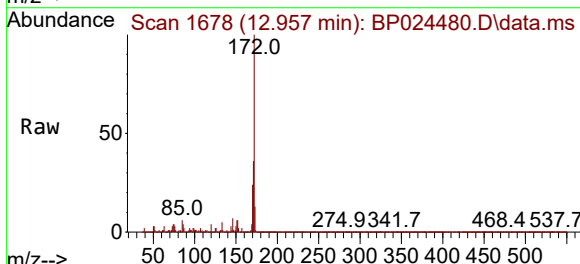
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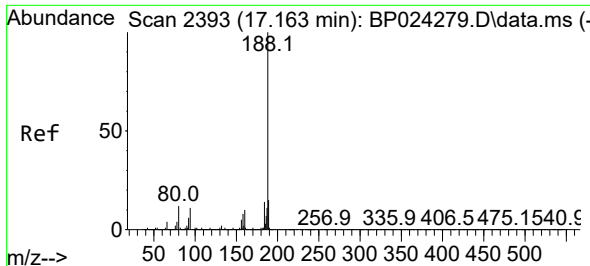
Tgt Ion: 330 Resp: 645089
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 31.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 90.745 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion: 172 Resp: 1738752
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 18.6 27.8

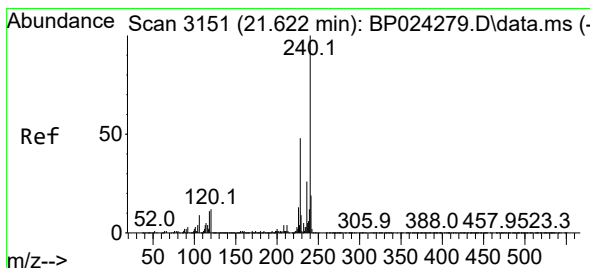
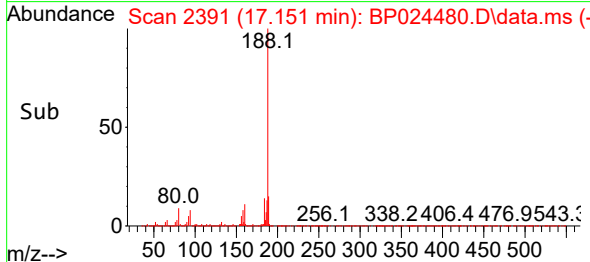
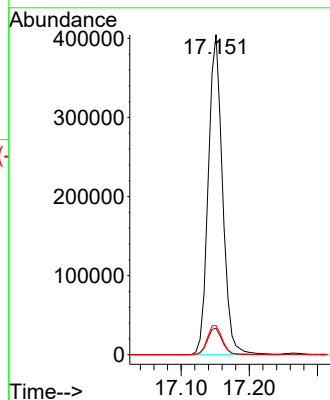
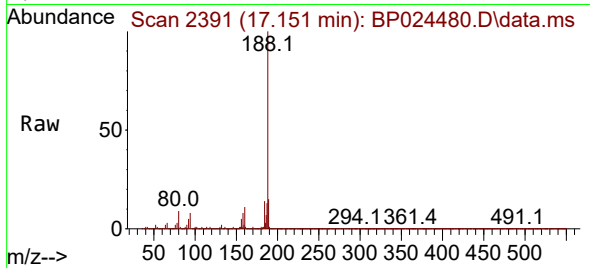




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

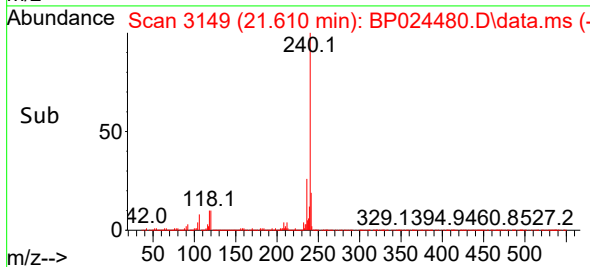
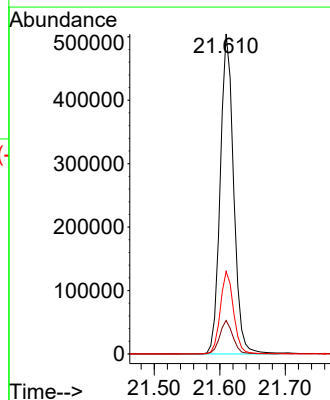
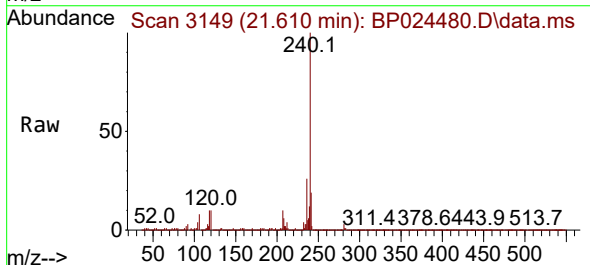
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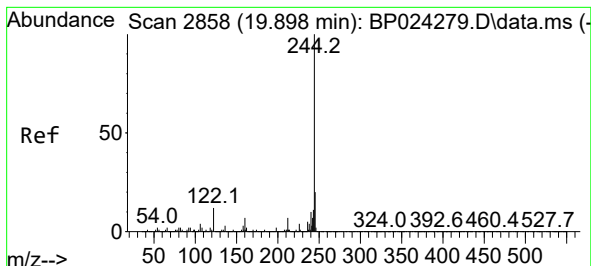
Tgt Ion:188 Resp: 588250
Ion Ratio Lower Upper
188 100
94 8.2 8.6 13.0#
80 9.1 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. 0.018 min
Lab File: BP024480.D
Acq: 30 Apr 2025 19:30

Tgt Ion:240 Resp: 712977
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 94.046 ng

RT: 19.886 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024480.D

Acq: 30 Apr 2025 19:30

Instrument :

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ClientSampleId :

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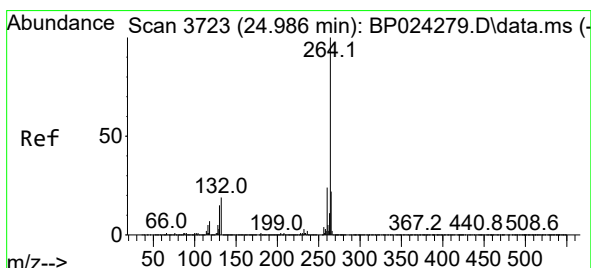
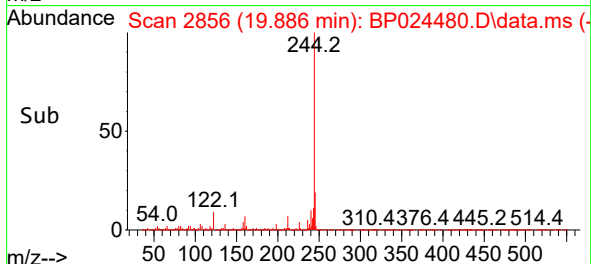
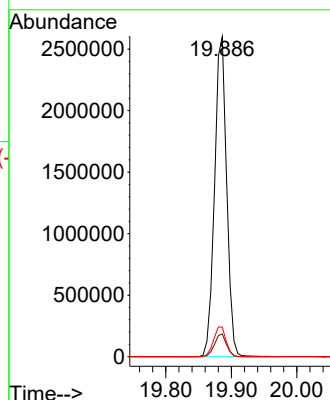
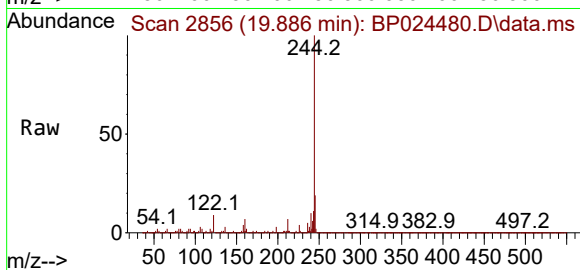
Tgt Ion:244 Resp: 3326627

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 9.3 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024480.D

Acq: 30 Apr 2025 19:30

Tgt Ion:264 Resp: 866386

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.2 17.8 26.6

