

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024597.D
 Acq On : 09 May 2025 19:10
 Operator : RC/JU
 Sample : Q1983-43
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-08

Quant Time: May 09 22:47:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	120019	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	493658	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	343088	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	765270	20.000	ng	# 0.00
76) Chrysene-d12	21.568	240	940988	20.000	ng	0.00
86) Perylene-d12	24.880	264	1072724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	559741	77.113	ng	0.00
7) Phenol-d6	6.893	99	747722	75.230	ng	0.00
23) Nitrobenzene-d5	8.851	82	446285	51.549	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	497709	104.851	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1149886	51.316	ng	0.00
79) Terphenyl-d14	19.851	244	2460298	52.701	ng	0.00

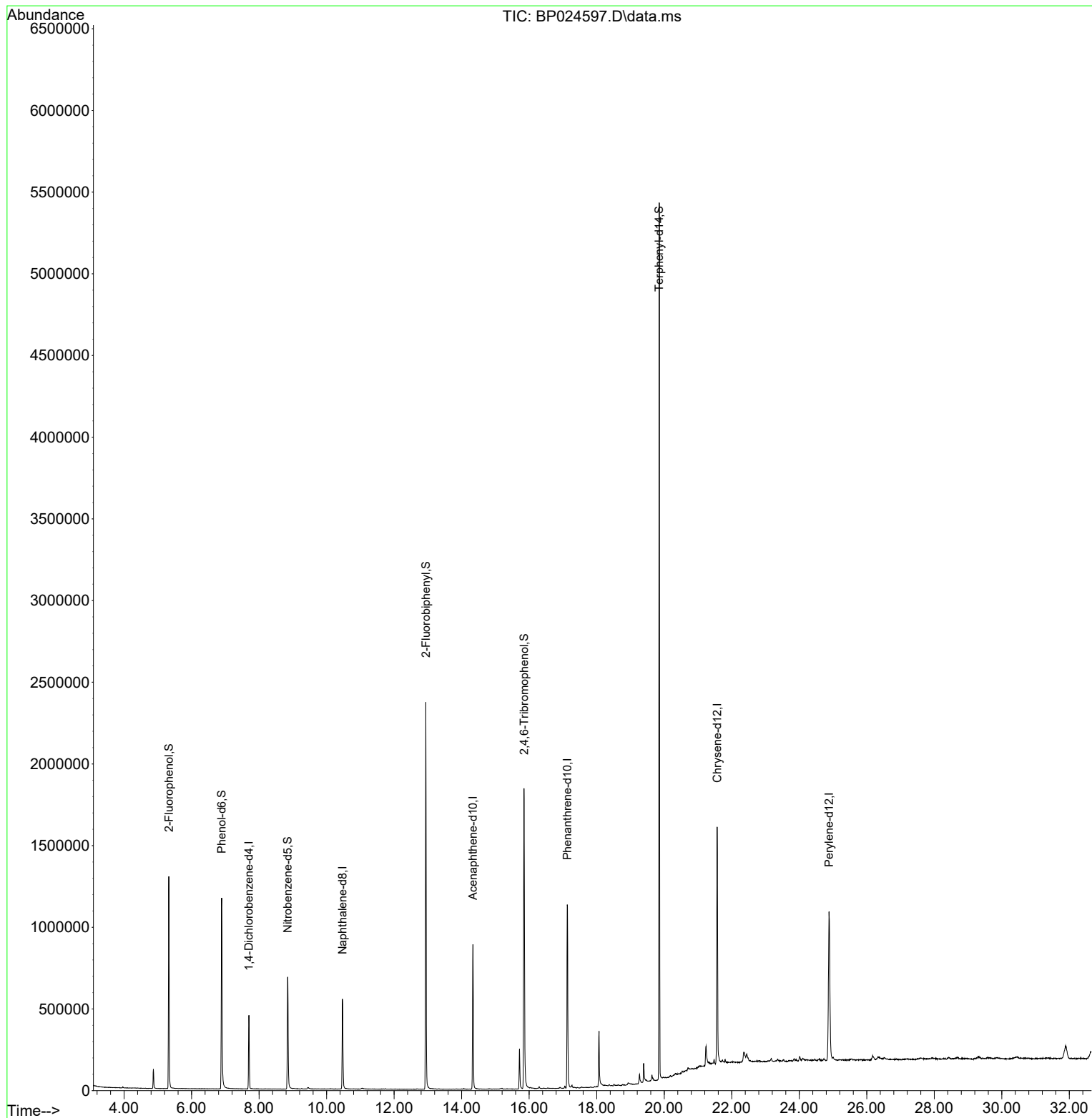
Target Compounds	Qvalue

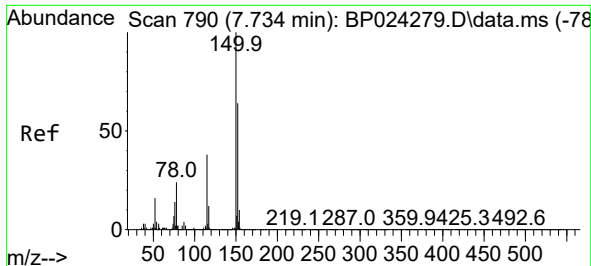
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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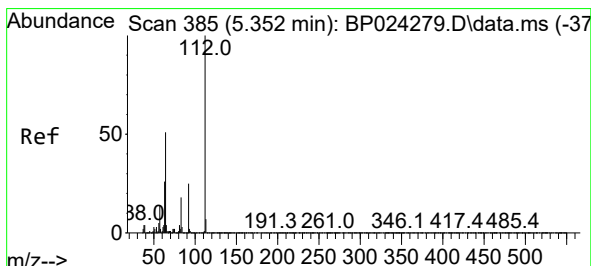
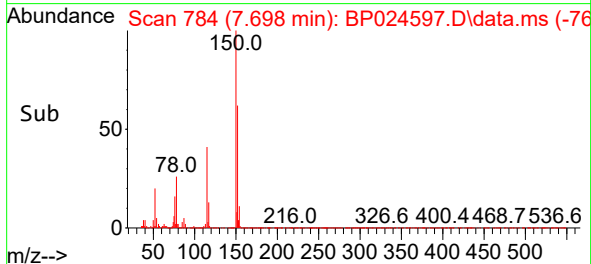
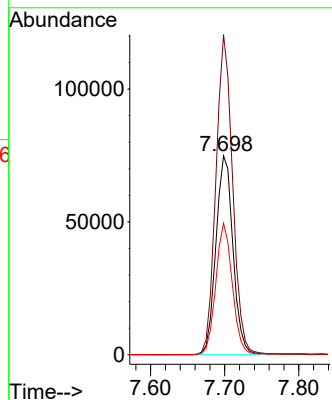
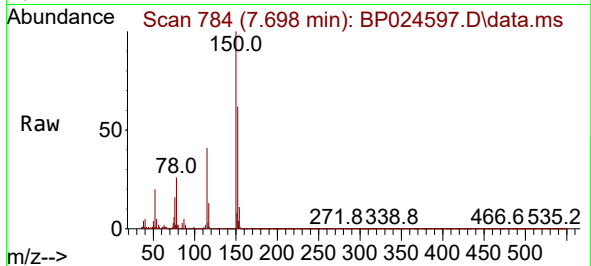




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

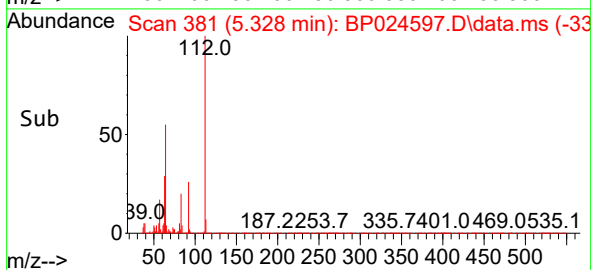
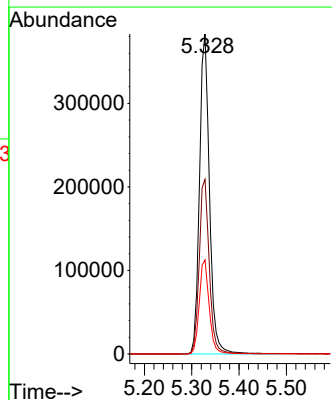
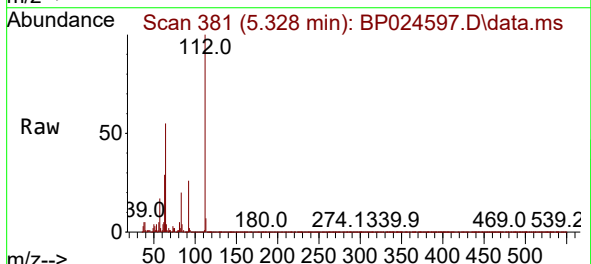
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-08

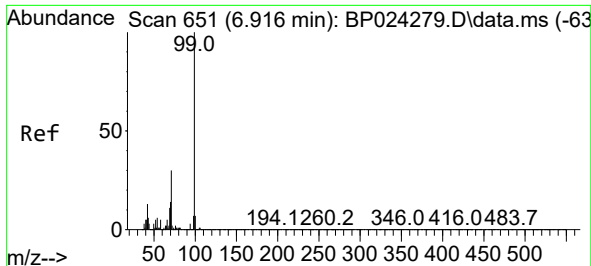
Tgt Ion:152 Resp: 120019
Ion Ratio Lower Upper
152 100
150 160.9 124.9 187.3
115 66.1 47.7 71.5



#5
2-Fluorophenol
Concen: 77.113 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

Tgt Ion:112 Resp: 559741
Ion Ratio Lower Upper
112 100
64 54.5 41.1 61.7
63 29.4 20.6 30.8

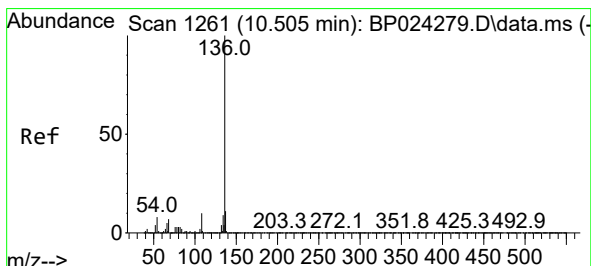
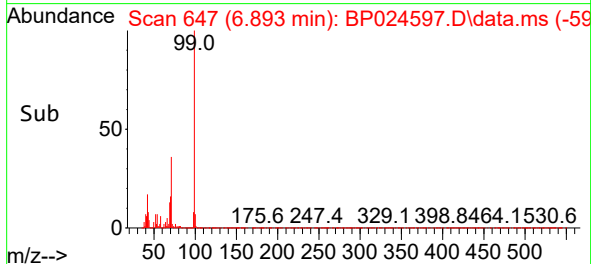
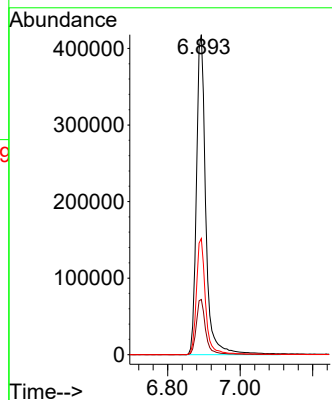
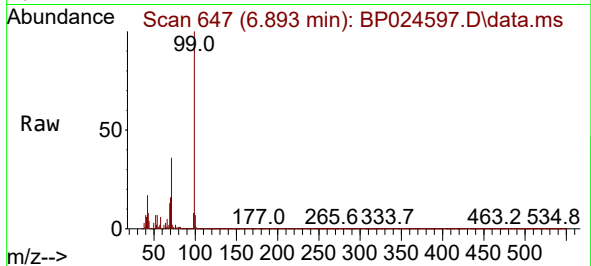




#7
Phenol-d6
Concen: 75.230 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

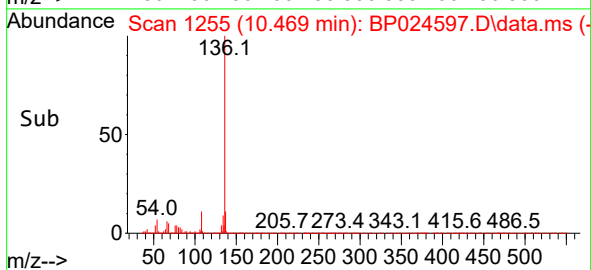
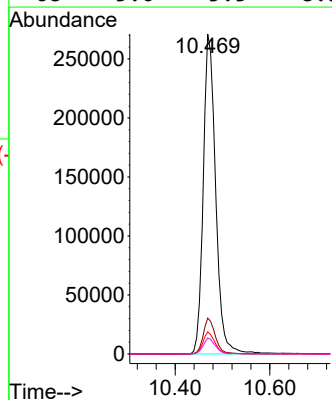
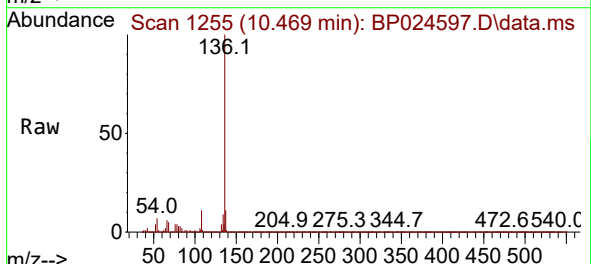
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-08

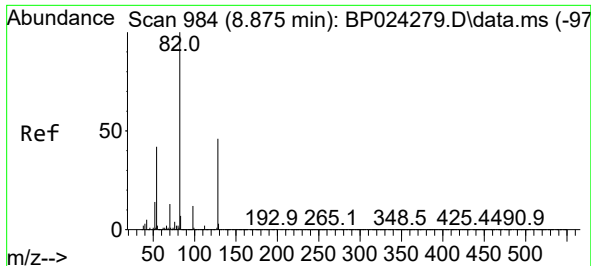
Tgt Ion: 99 Resp: 747722
Ion Ratio Lower Upper
99 100
42 17.2 10.6 16.0#
71 36.3 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

Tgt Ion: 136 Resp: 493658
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.9 6.0 9.0
68 5.0 5.5 8.3#

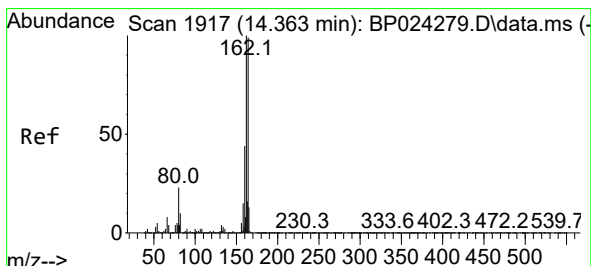
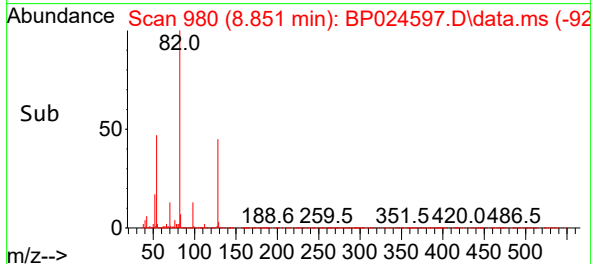
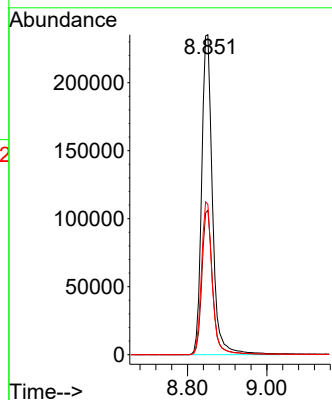
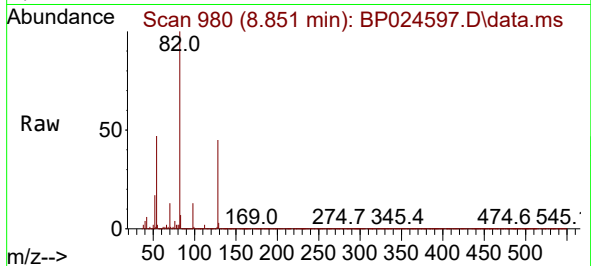




#23
Nitrobenzene-d5
Concen: 51.549 ng
RT: 8.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

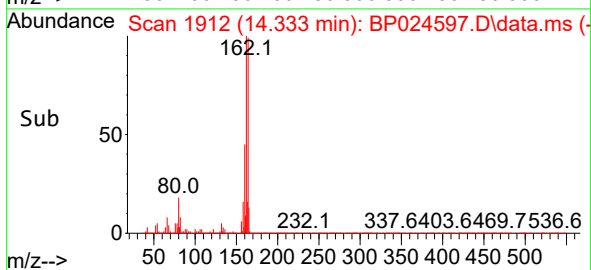
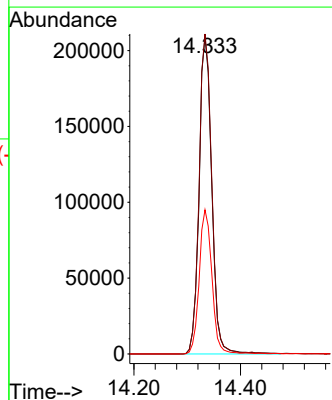
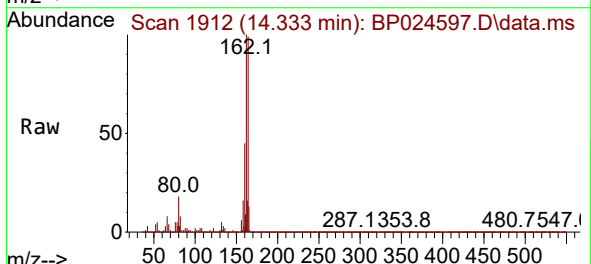
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-08

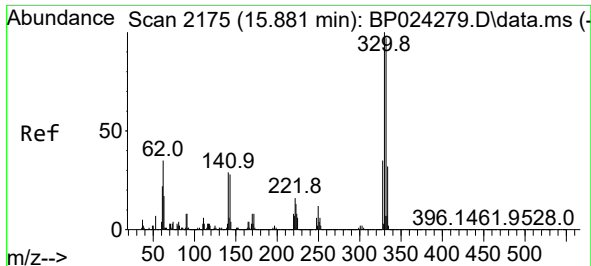
Tgt Ion: 82 Resp: 446285
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 47.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

Tgt Ion: 164 Resp: 343088
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.5 35.3 52.9

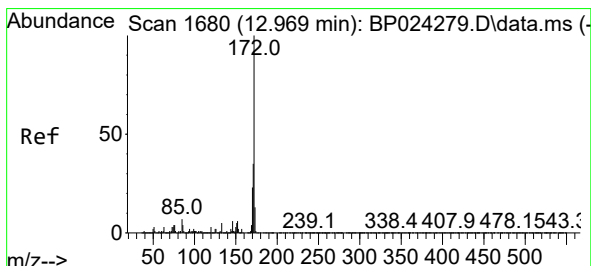
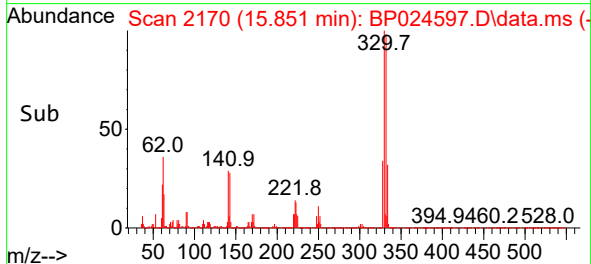
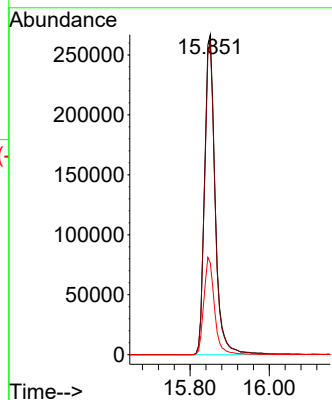
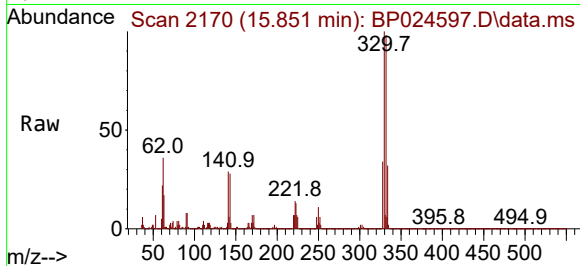




#42
2,4,6-Tribromophenol
Concen: 104.851 ng
RT: 15.851 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

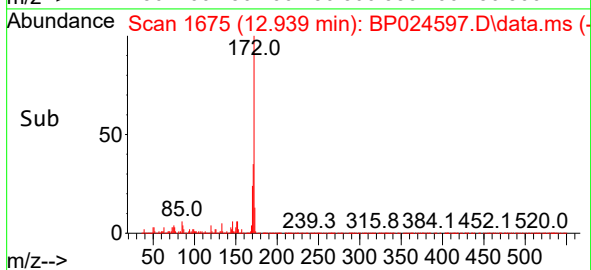
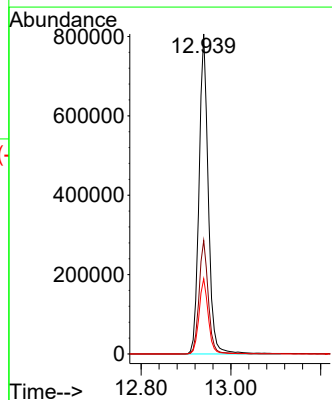
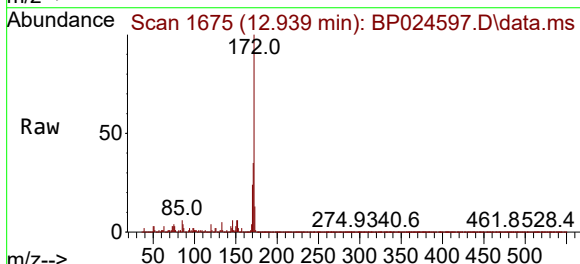
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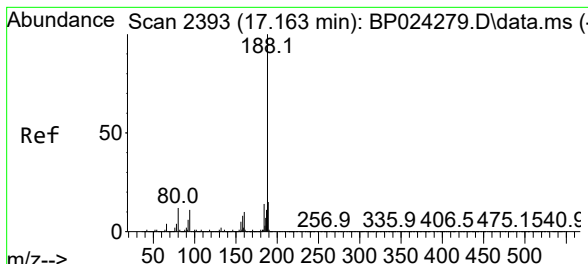
Tgt Ion:330 Resp: 497709
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 30.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 51.316 ng
RT: 12.939 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BP024597.D
Acq: 09 May 2025 19:10

Tgt Ion:172 Resp: 1149886
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.6 27.8

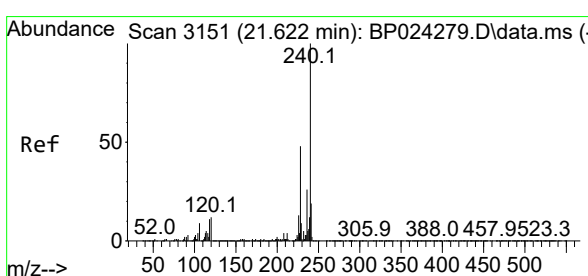
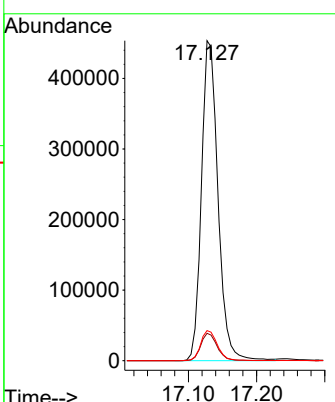
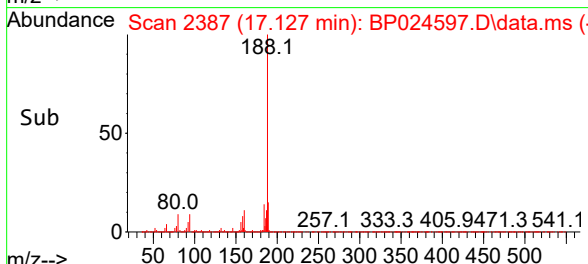
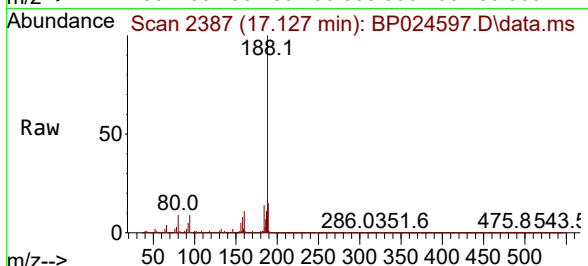




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP024597.D
 Acq: 09 May 2025 19:10

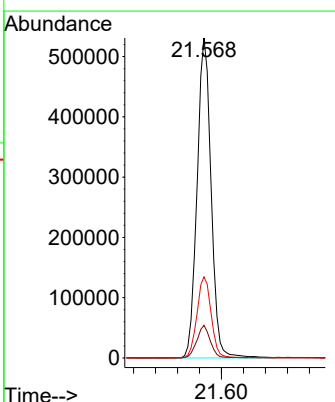
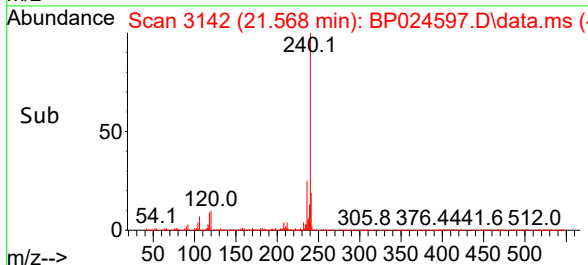
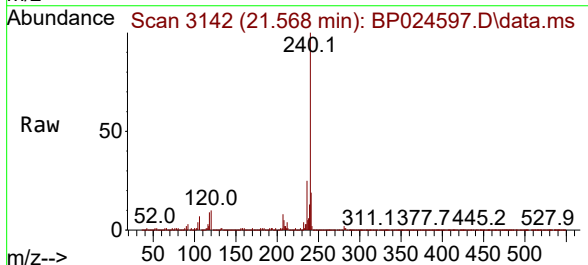
Instrument :
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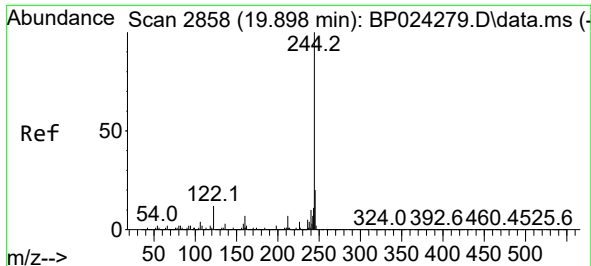
Tgt Ion:	188	Resp:	765270
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.6	13.0#
80	9.4	9.8	14.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.568 min Scan# 3142
 Delta R.T. -0.000 min
 Lab File: BP024597.D
 Acq: 09 May 2025 19:10

Tgt Ion:	240	Resp:	940988
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.8	14.8
236	25.4	20.9	31.3





#79

Terphenyl-d14

Concen: 52.701 ng

RT: 19.851 min Scan# 24

Delta R.T. -0.000 min

Lab File: BP024597.D

Acq: 09 May 2025 19:10

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-08

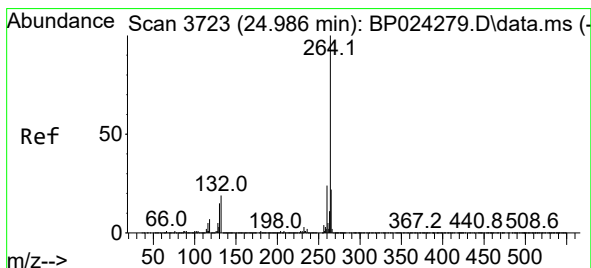
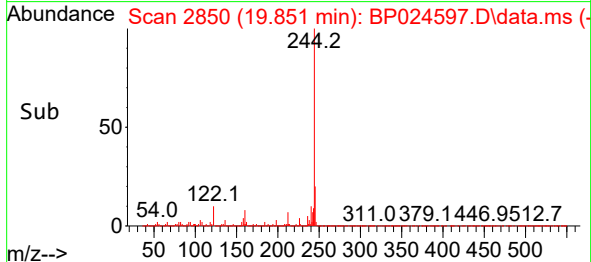
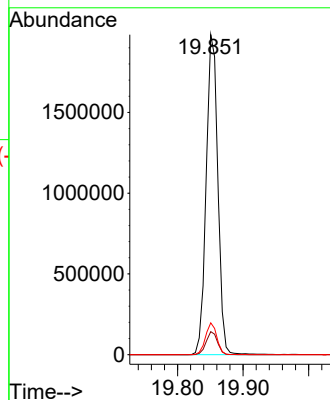
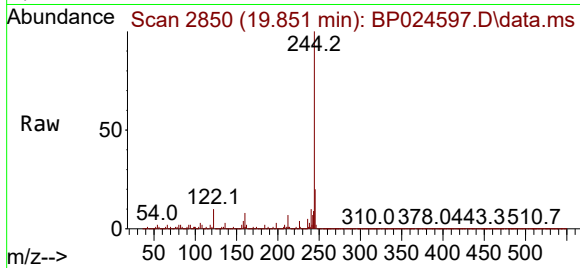
Tgt Ion:244 Resp: 2460298

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.880 min Scan# 3705

Delta R.T. -0.006 min

Lab File: BP024597.D

Acq: 09 May 2025 19:10

Tgt Ion:264 Resp: 1072724

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.6 17.8 26.6

