

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024595.D
 Acq On : 09 May 2025 17:48
 Operator : RC/JU
 Sample : Q1983-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-02

Quant Time: May 09 18:12:26 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	7.699	152	128929	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	481580	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	269626	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	522527	20.000	ng	# 0.02
76) Chrysene-d12	21.563	240	638215	20.000	ng	# 0.00
86) Perylene-d12	24.892	264	764039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	103099	13.222	ng	0.00
7) Phenol-d6	6.899	99	128414	12.027	ng	0.00
23) Nitrobenzene-d5	8.851	82	74485	8.819	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	63661	17.065	ng	0.03
45) 2-Fluorobiphenyl	12.945	172	199556	11.332	ng	0.00
79) Terphenyl-d14	19.851	244	315063	9.950	ng	0.00

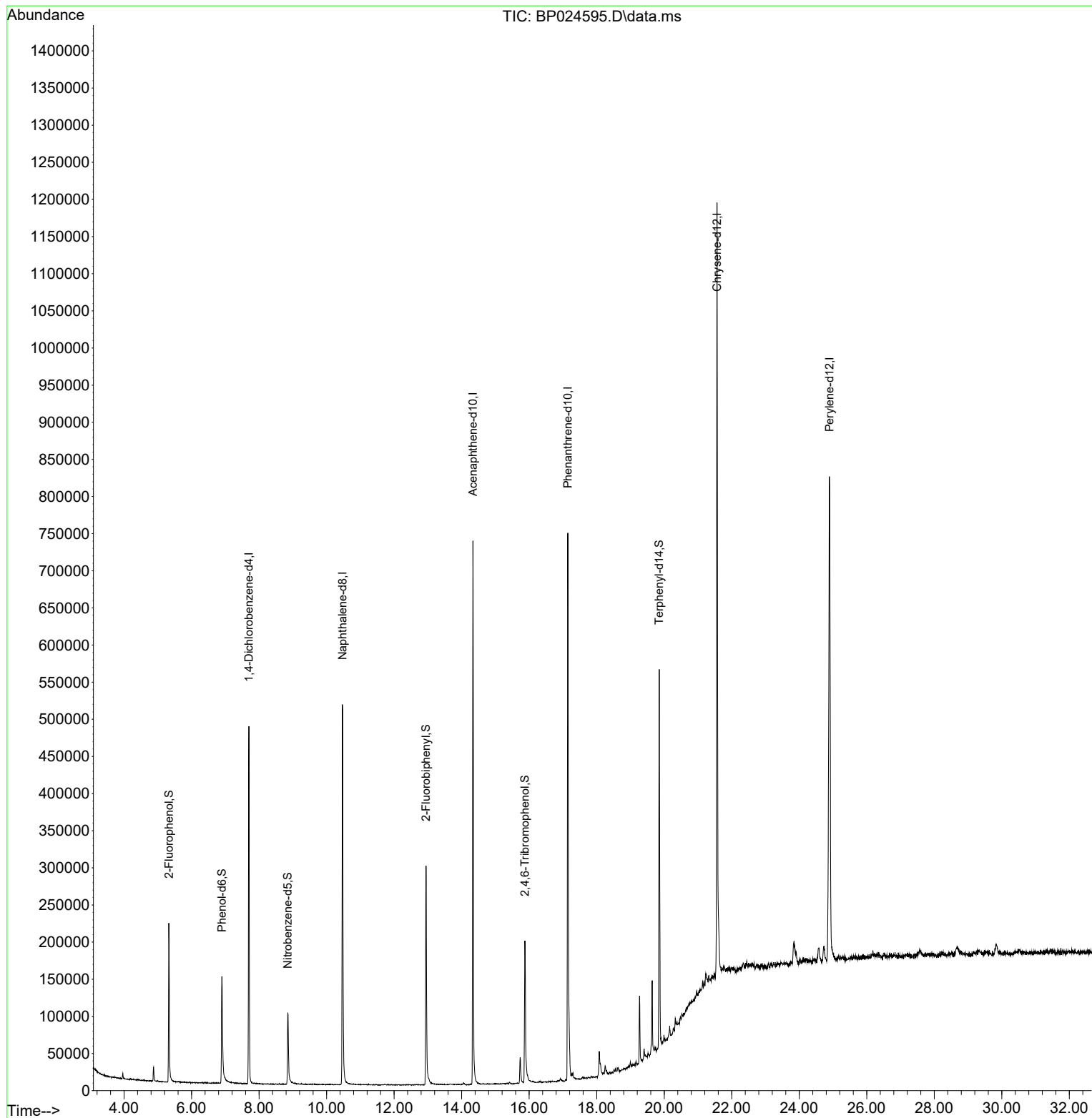
Target Compounds	Qvalue

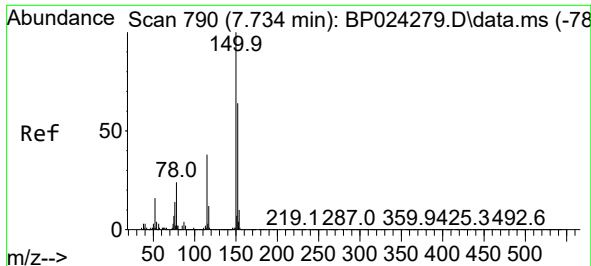
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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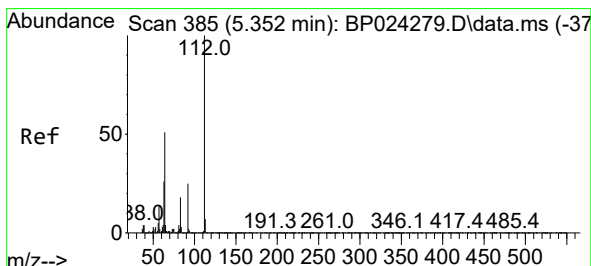
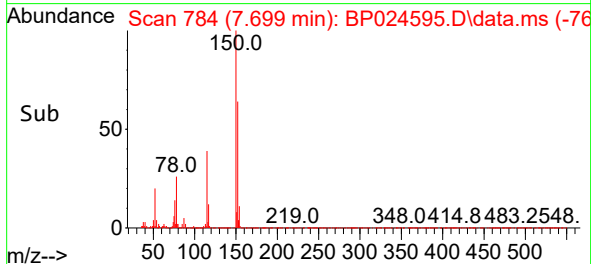
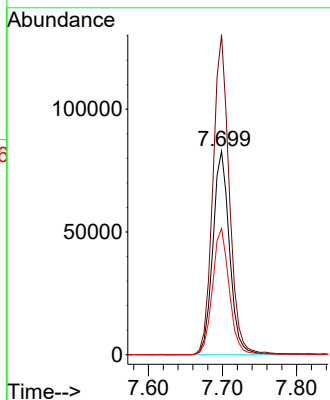
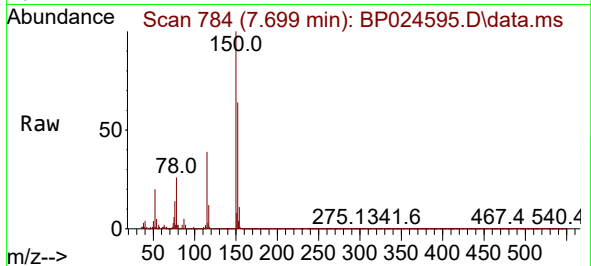




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 71
Delta R.T. 0.001 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

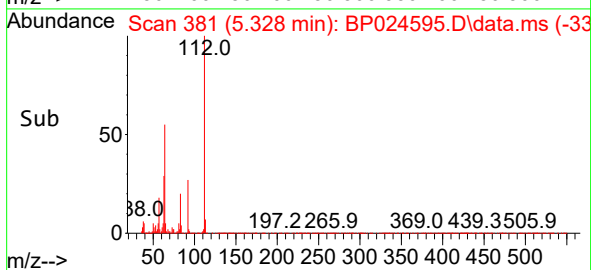
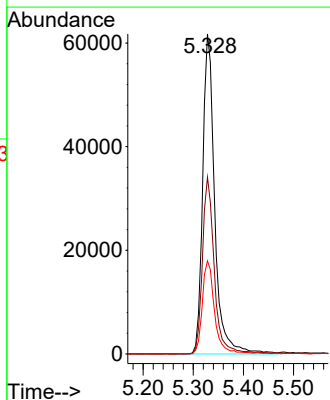
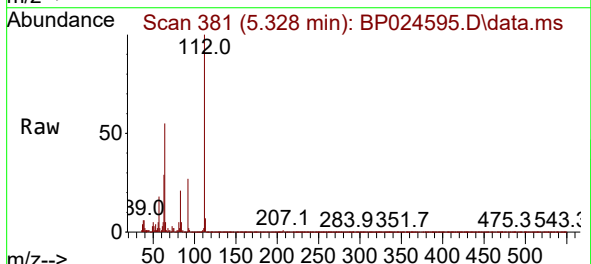
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-02

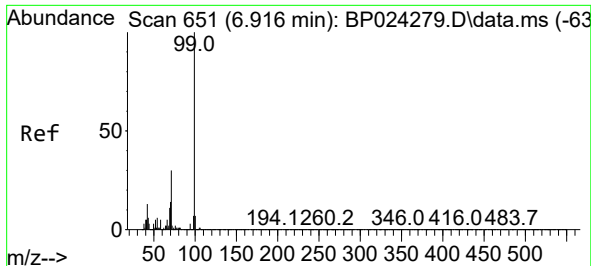
Tgt Ion:152 Resp: 128929
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 62.0 47.7 71.5



#5
2-Fluorophenol
Concen: 13.222 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

Tgt Ion:112 Resp: 103099
Ion Ratio Lower Upper
112 100
64 55.3 41.1 61.7
63 29.1 20.6 30.8

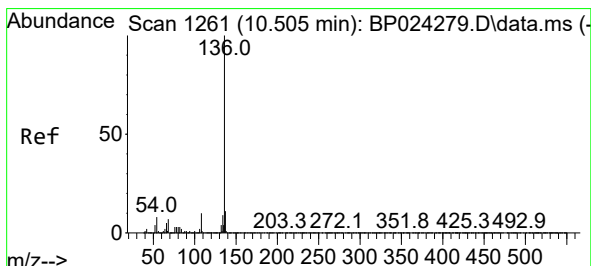
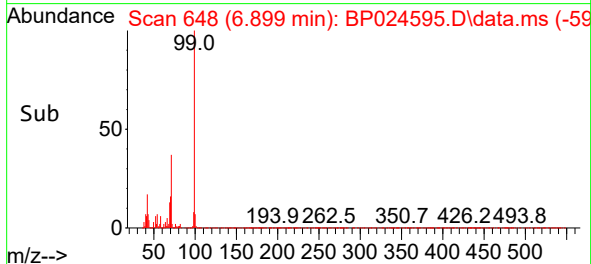
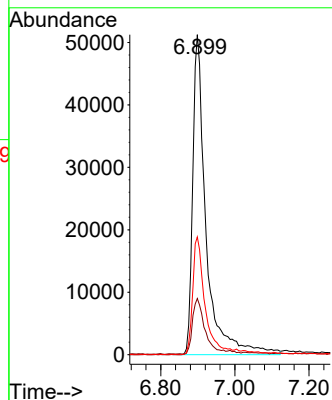
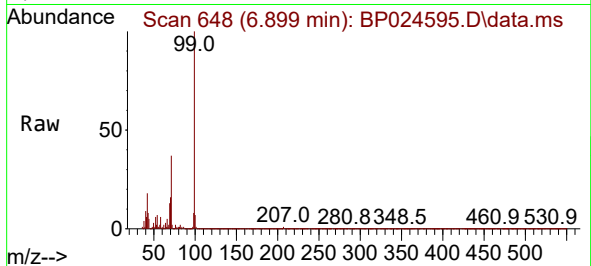




#7
Phenol-d6
Concen: 12.027 ng
RT: 6.899 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

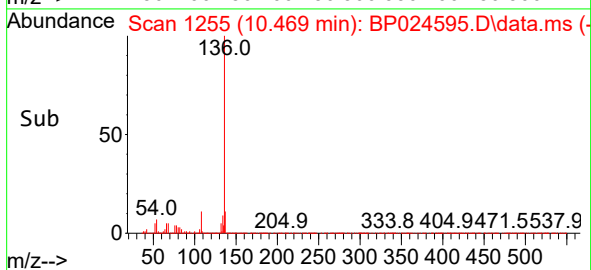
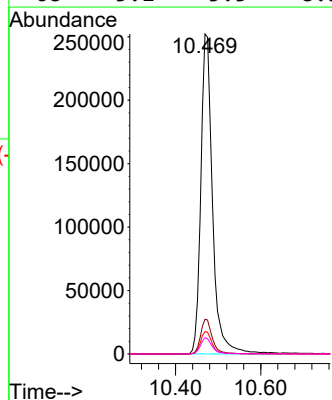
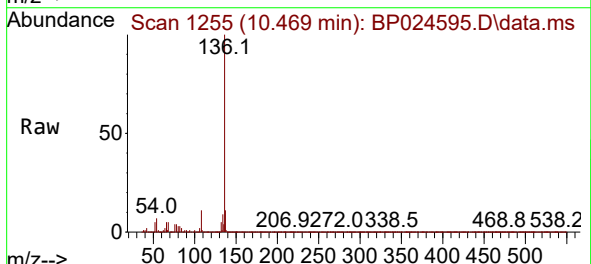
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-02

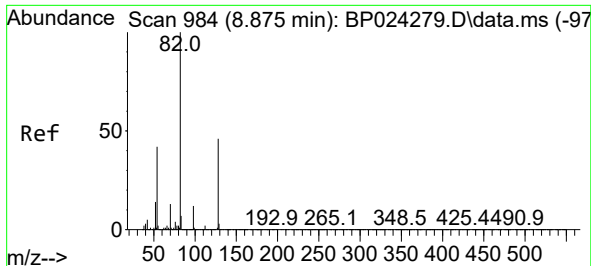
Tgt Ion: 99 Resp: 128414
Ion Ratio Lower Upper
99 100
42 17.6 10.6 16.0#
71 36.8 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

Tgt Ion:136 Resp: 481580
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.0 6.0 9.0
68 5.1 5.5 8.3#

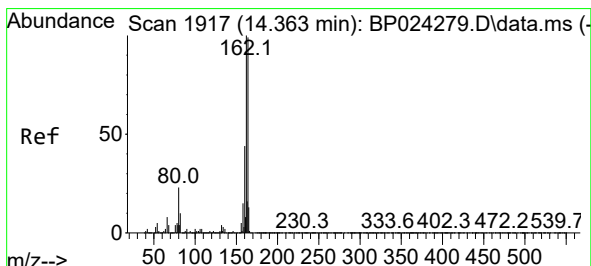
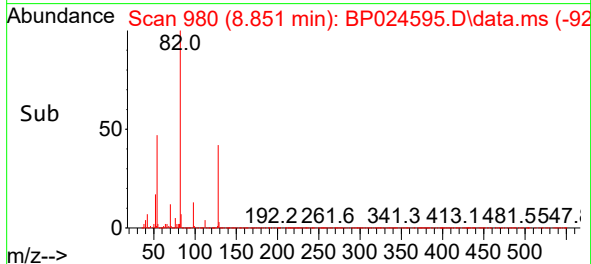
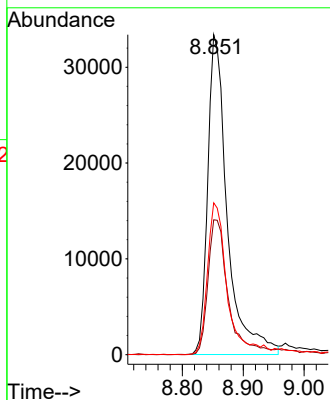
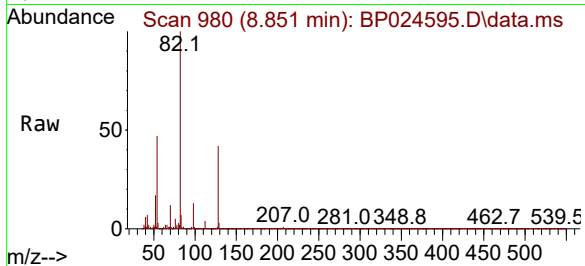




#23
Nitrobenzene-d5
Concen: 8.819 ng
RT: 8.851 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

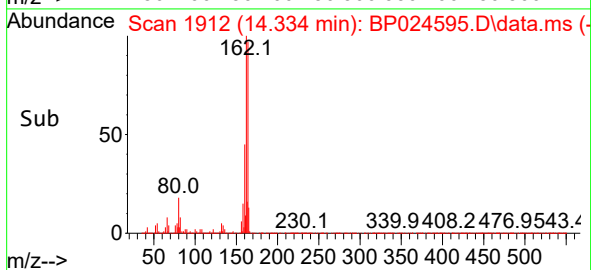
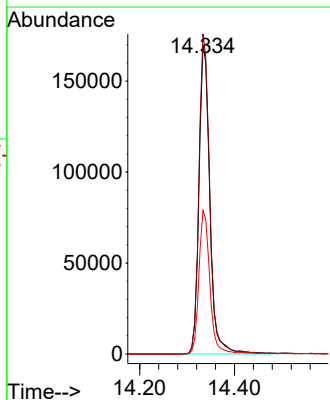
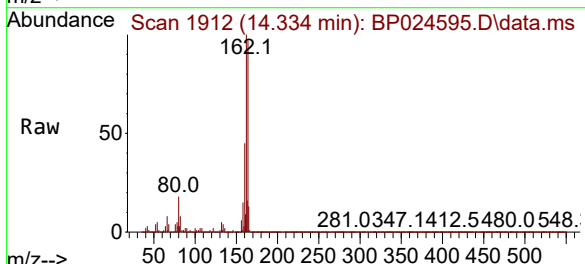
Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-02

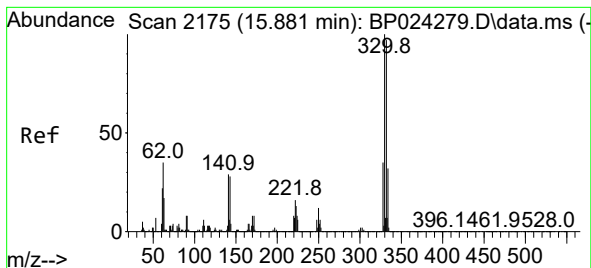
Tgt Ion: 82 Resp: 74485
Ion Ratio Lower Upper
82 100
128 42.2 36.5 54.7
54 47.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

Tgt Ion: 164 Resp: 269626
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 46.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 17.065 ng

RT: 15.875 min Scan# 2174

Delta R.T. 0.030 min

Lab File: BP024595.D

Acq: 09 May 2025 17:48

Instrument :

BNA_P

ClientSampleId :

OR-636-COMP-02

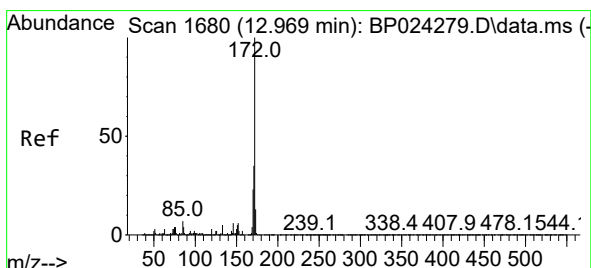
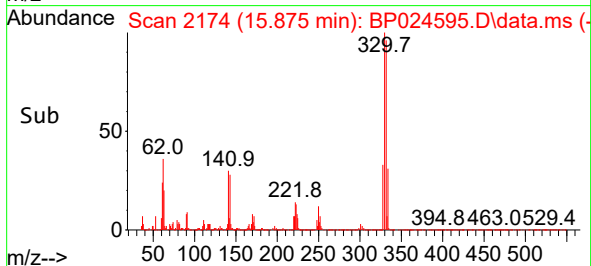
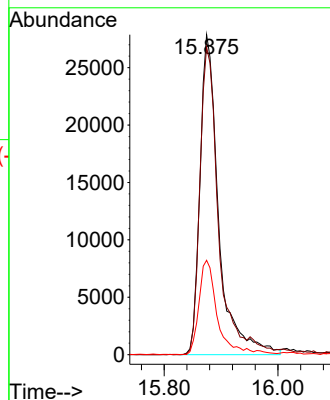
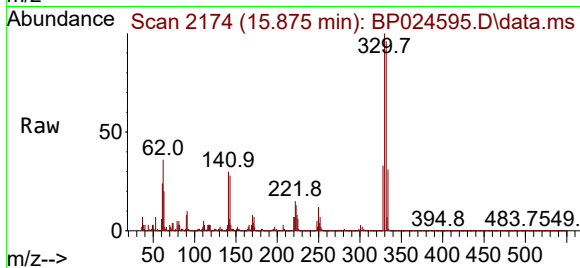
Tgt Ion:330 Resp: 63661

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 28.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 11.332 ng

RT: 12.945 min Scan# 1676

Delta R.T. 0.006 min

Lab File: BP024595.D

Acq: 09 May 2025 17:48

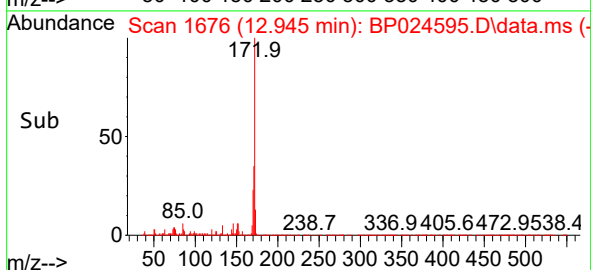
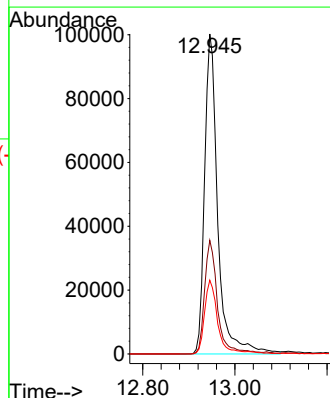
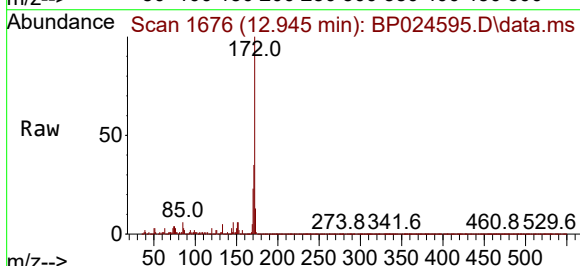
Tgt Ion:172 Resp: 199556

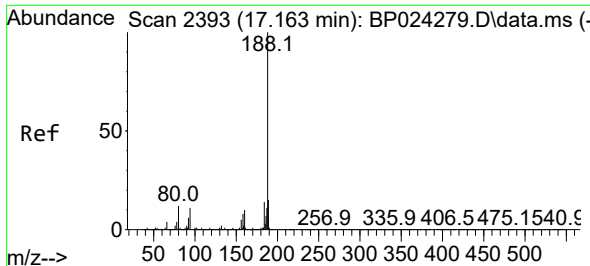
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.1 18.6 27.8

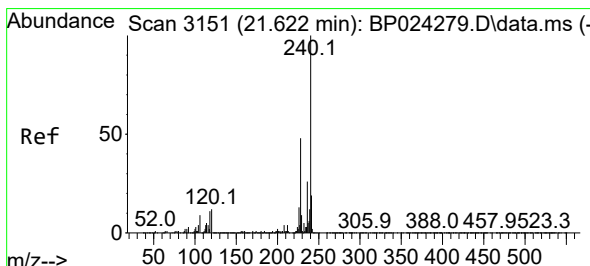
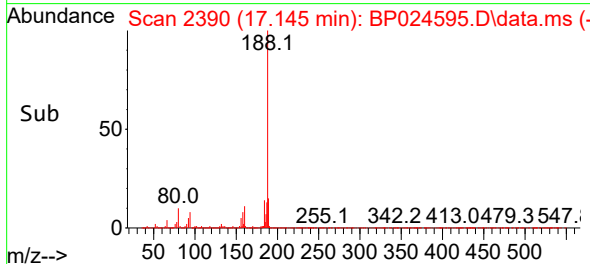
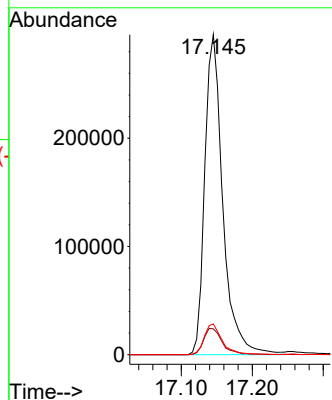
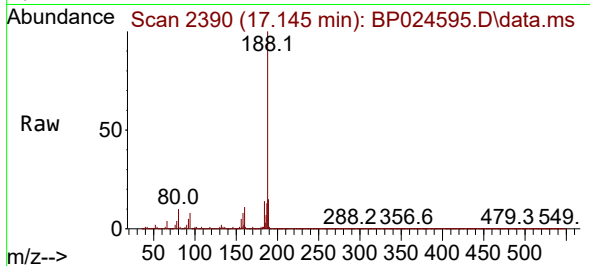




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

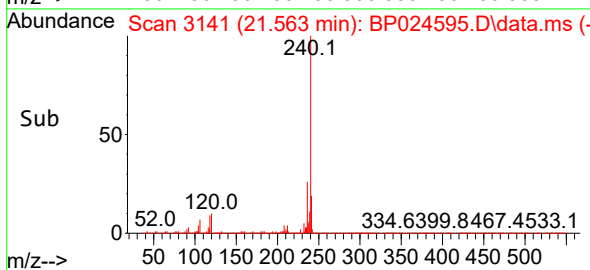
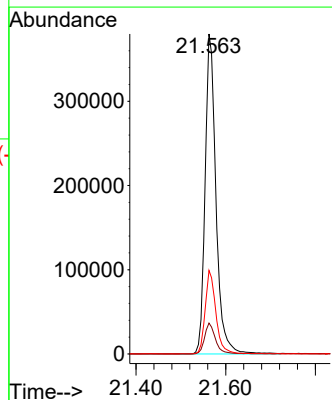
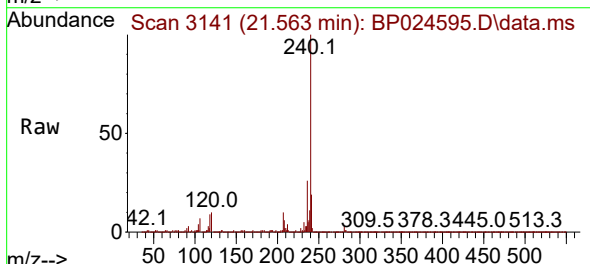
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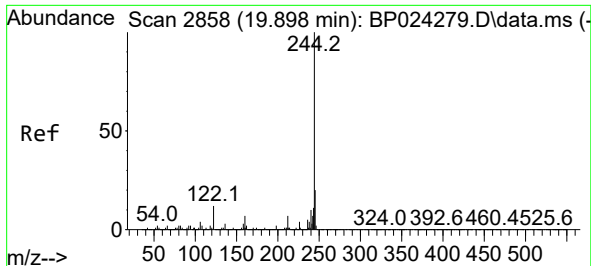
Tgt Ion:188 Resp: 522527
Ion Ratio Lower Upper
188 100
94 8.0 8.6 13.0#
80 9.6 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024595.D
Acq: 09 May 2025 17:48

Tgt Ion:240 Resp: 638215
Ion Ratio Lower Upper
240 100
120 9.6 9.8 14.8#
236 26.1 20.9 31.3

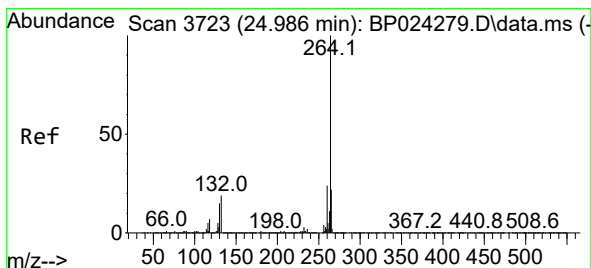
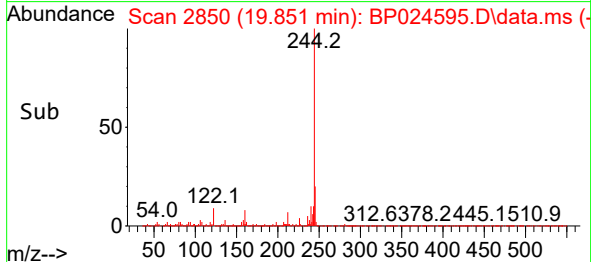
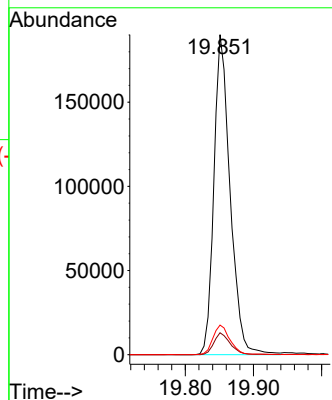
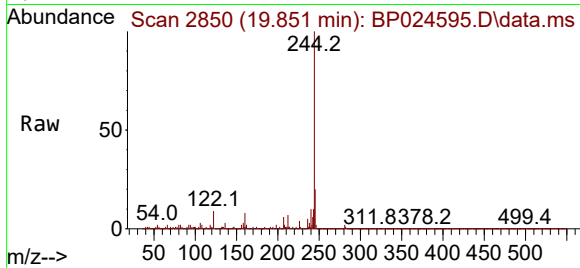




#79
 Terphenyl-d14
 Concen: 9.950 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024595.D
 Acq: 09 May 2025 17:48

Instrument :
 BNA_P
 ClientSampleId :
 OR-636-COMP-02

Tgt Ion:244 Resp: 315063
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.3 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.892 min Scan# 3707
 Delta R.T. 0.006 min
 Lab File: BP024595.D
 Acq: 09 May 2025 17:48

Tgt Ion:264 Resp: 764039
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.9 17.8 26.6

