

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024531.D
 Acq On : 05 May 2025 18:47
 Operator : RC/JU
 Sample : Q1932-06RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-6RE

Quant Time: May 06 04:19:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri 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	7.711	152	135428	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	516460	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	313805	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	693008	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	851778	20.000	ng	-0.01
86) Perylene-d12	24.910	264	532284	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	166615	20.342	ng	-0.01
7) Phenol-d6	6.911	99	191587	17.083	ng	0.00
23) Nitrobenzene-d5	8.858	82	123045	13.585	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	103535	23.847	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	297460	14.514	ng	-0.02
79) Terphenyl-d14	19.863	244	623895	14.764	ng	-0.01

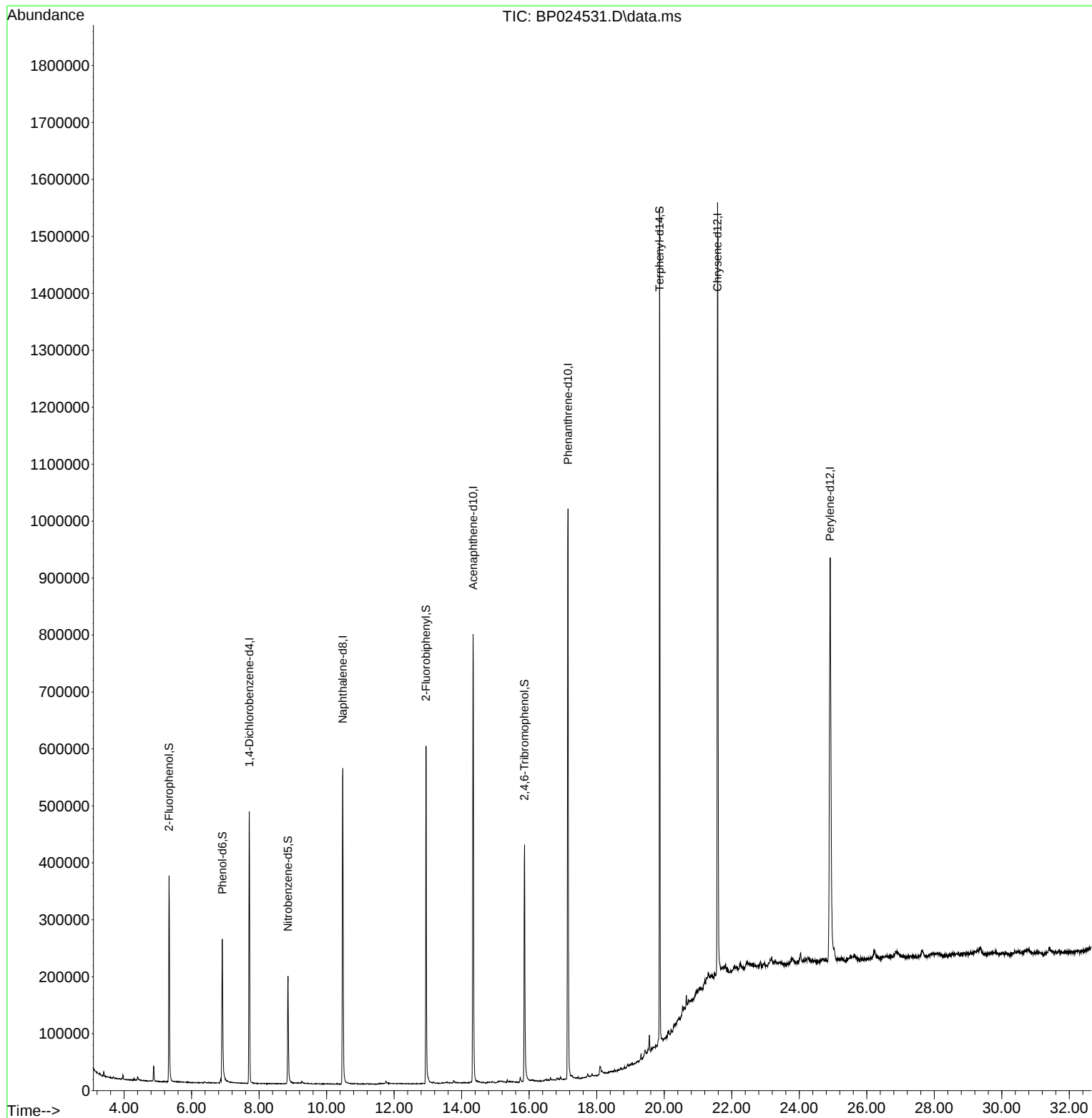
Target Compounds	Qvalue

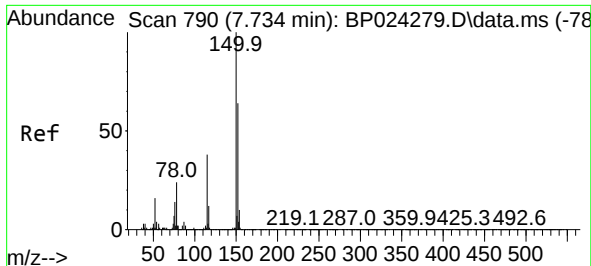
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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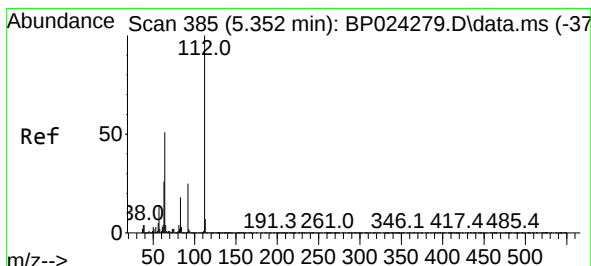
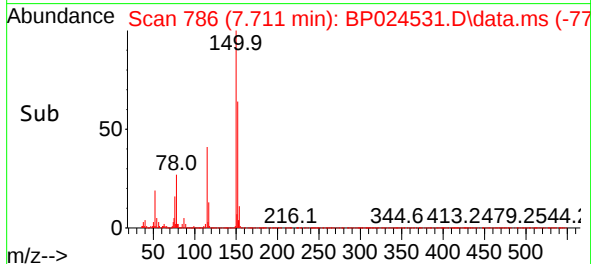
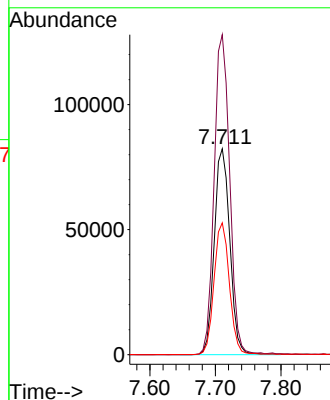
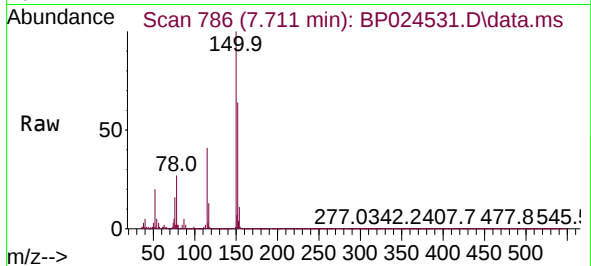




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

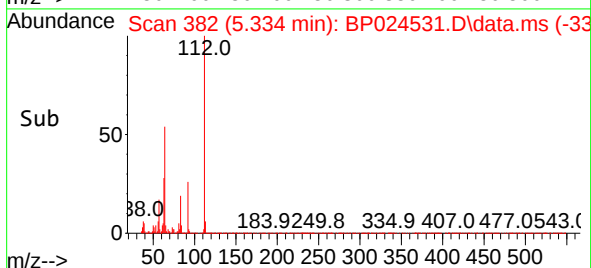
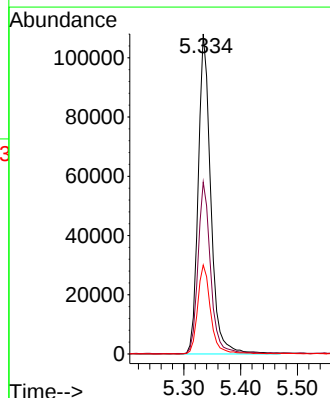
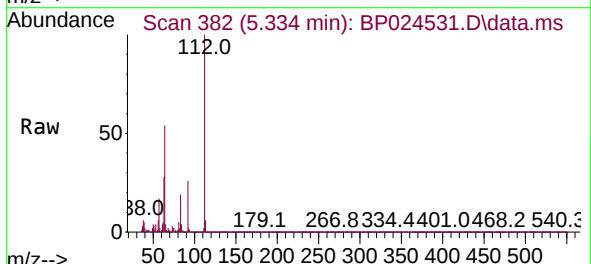
Instrument :
BNA_P
ClientSampleId :
COMP-6RE

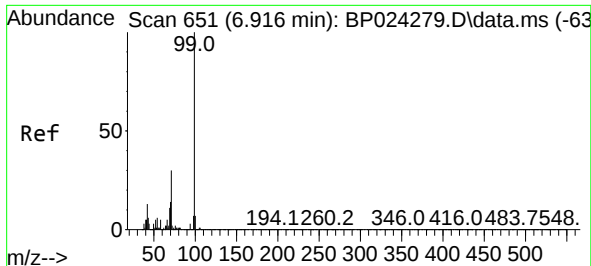
Tgt Ion:152 Resp: 135428
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 64.0 47.7 71.5



#5
2-Fluorophenol
Concen: 20.342 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

Tgt Ion:112 Resp: 166615
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 27.8 20.6 30.8

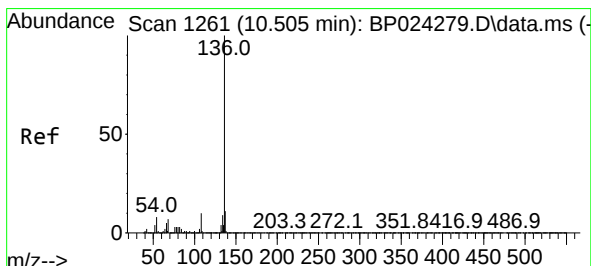
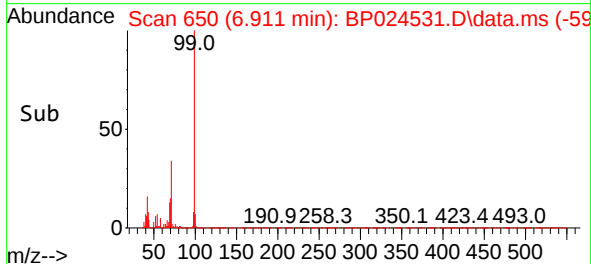
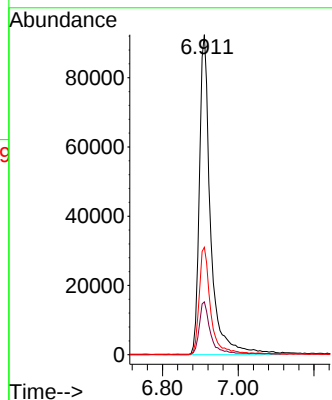
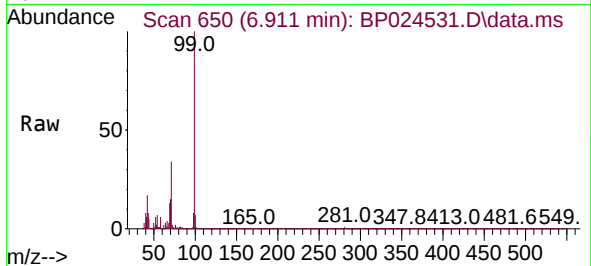




#7
Phenol-d6
Concen: 17.083 ng
RT: 6.911 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

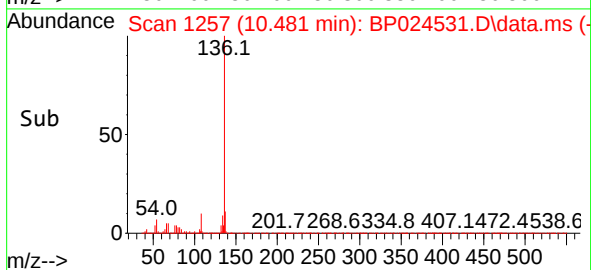
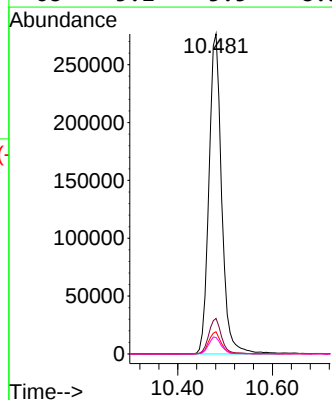
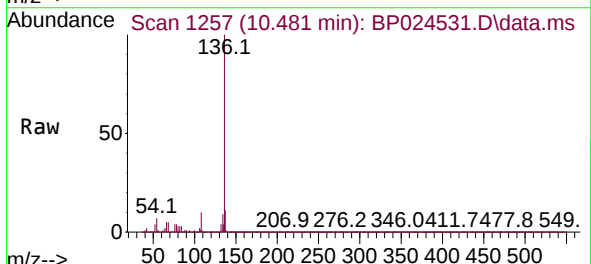
Instrument :
BNA_P
ClientSampleId :
COMP-6RE

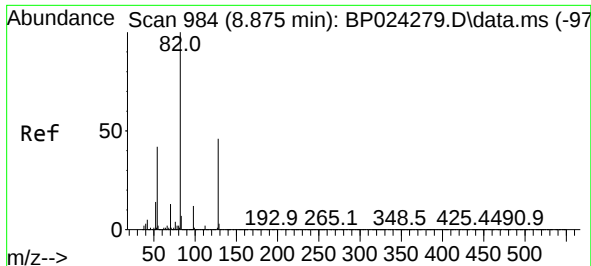
Tgt Ion: 99 Resp: 191587
Ion Ratio Lower Upper
99 100
42 16.5 10.6 16.0#
71 33.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

Tgt Ion: 136 Resp: 516460
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.9 6.0 9.0
68 5.2 5.5 8.3#

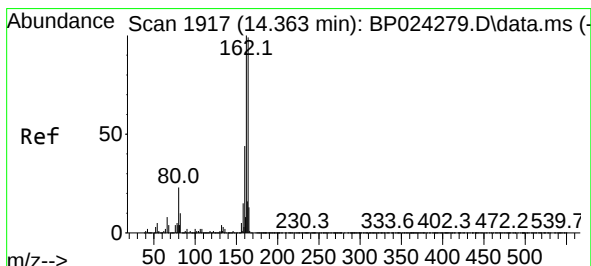
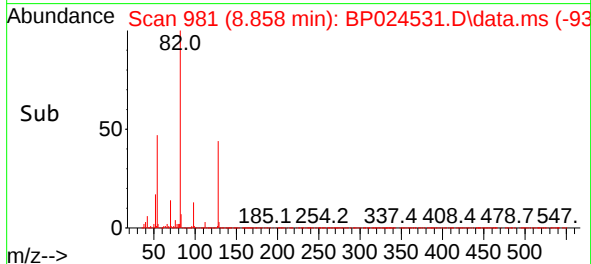
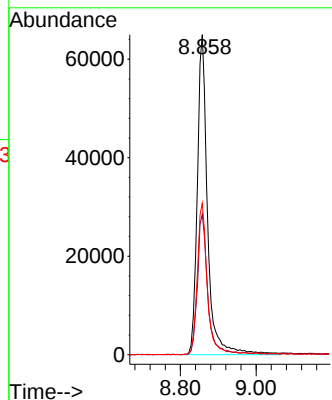
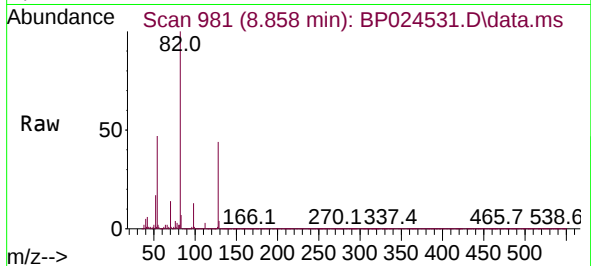




#23
Nitrobenzene-d5
Concen: 13.585 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

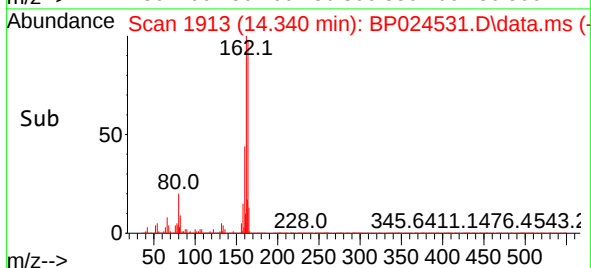
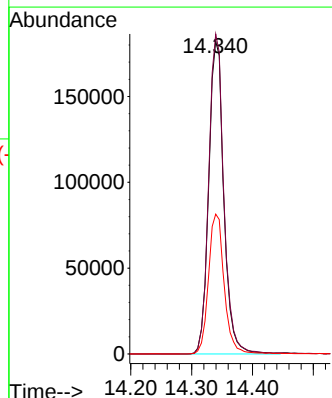
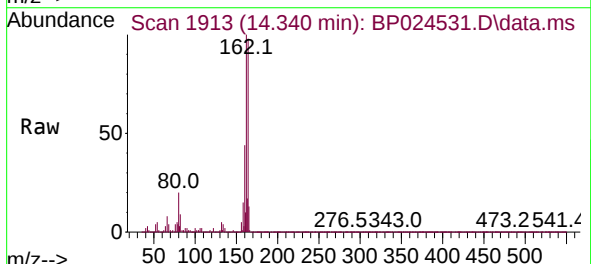
Instrument :
BNA_P
ClientSampleId :
COMP-6RE

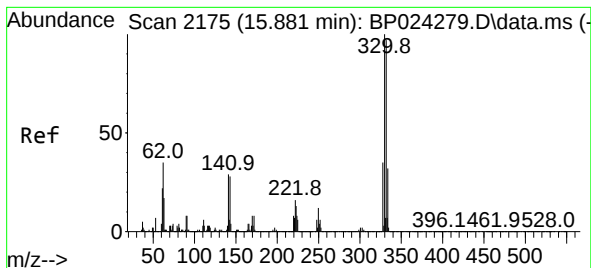
Tgt Ion: 82 Resp: 123045
Ion Ratio Lower Upper
82 100
128 43.9 36.5 54.7
54 47.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

Tgt Ion: 164 Resp: 313805
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 23.847 ng

RT: 15.863 min Scan# 2175

Delta R.T. 0.000 min

Lab File: BP024531.D

Acq: 05 May 2025 18:47

Instrument :

BNA_P

ClientSampleId :

COMP-6RE

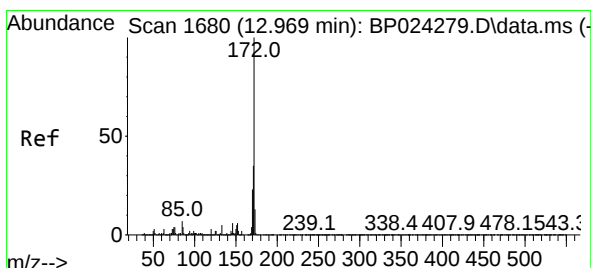
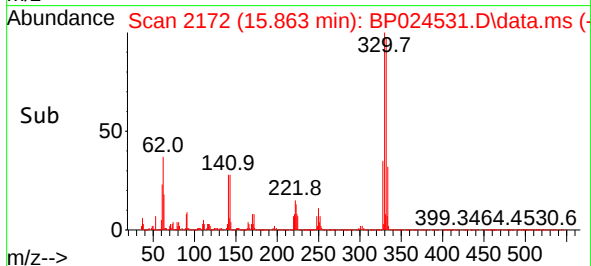
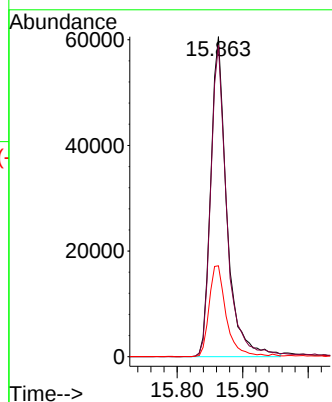
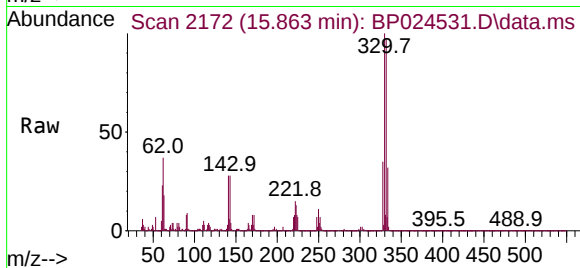
Tgt Ion:330 Resp: 103535

Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

141 30.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 14.514 ng

RT: 12.946 min Scan# 1676

Delta R.T. -0.018 min

Lab File: BP024531.D

Acq: 05 May 2025 18:47

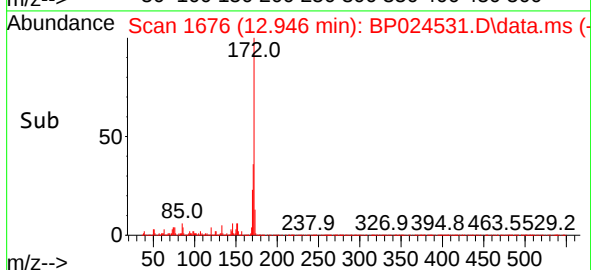
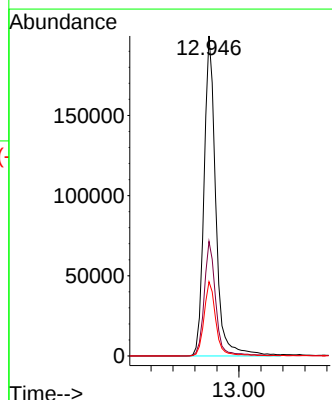
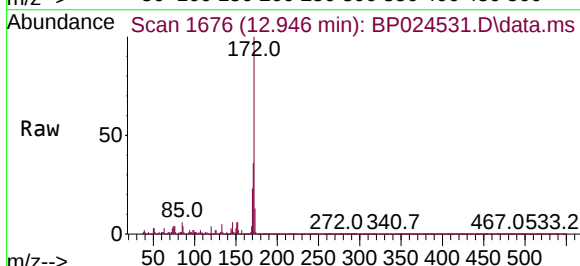
Tgt Ion:172 Resp: 297460

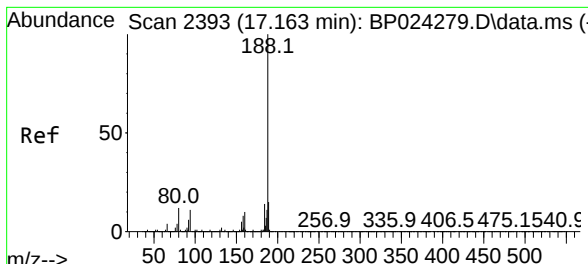
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.2 18.6 27.8

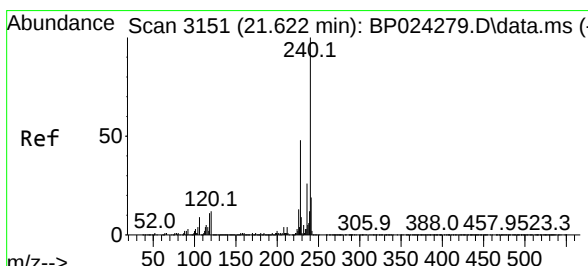
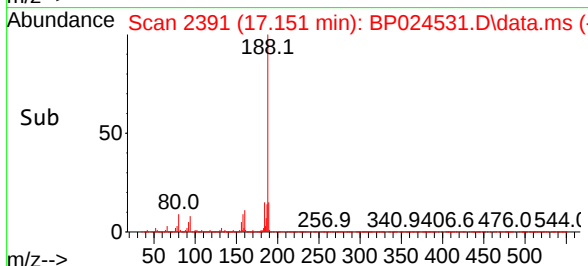
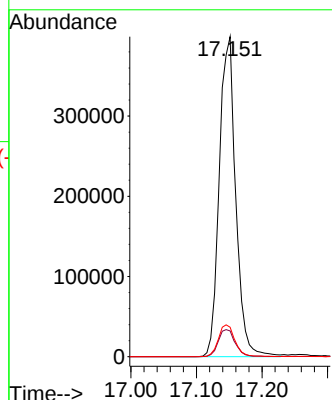
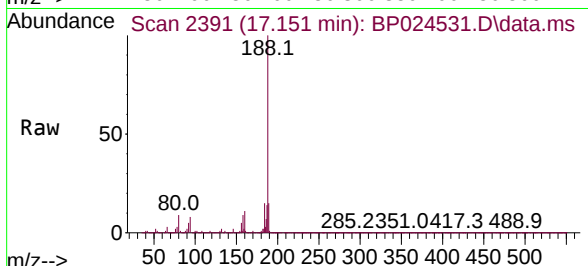




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

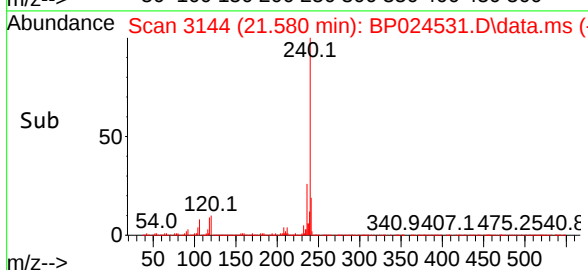
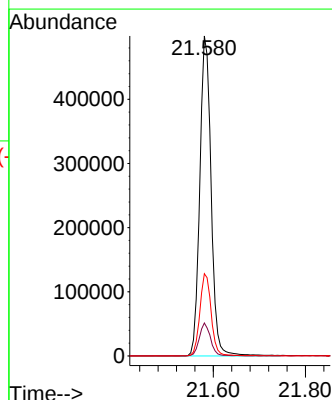
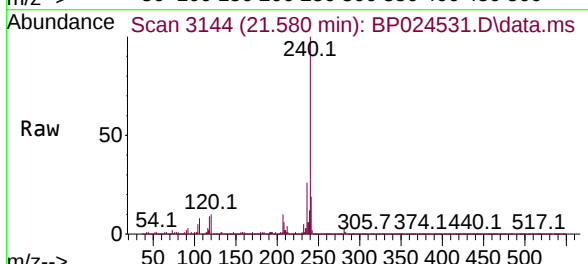
Instrument :
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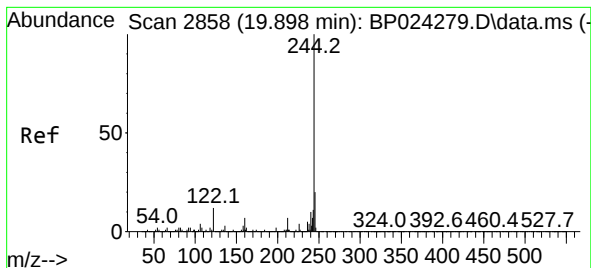
Tgt Ion:188 Resp: 693008
Ion Ratio Lower Upper
188 100
94 8.1 8.6 13.0#
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024531.D
Acq: 05 May 2025 18:47

Tgt Ion:240 Resp: 851778
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 14.764 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024531.D

Acq: 05 May 2025 18:47

Instrument :

BNA_P

ClientSampleId :

COMP-6RE

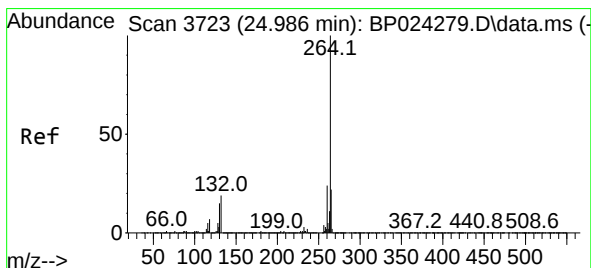
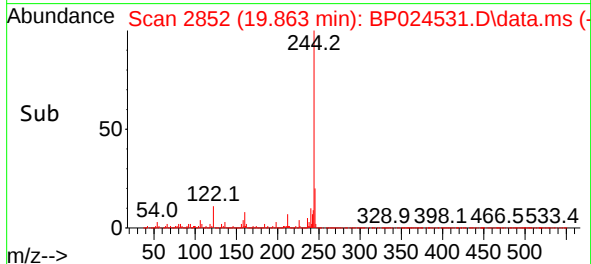
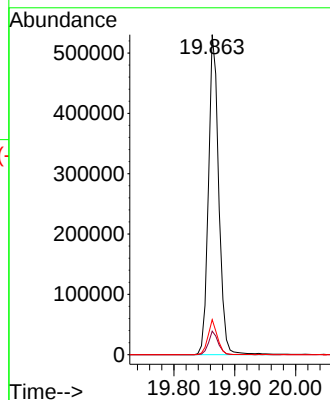
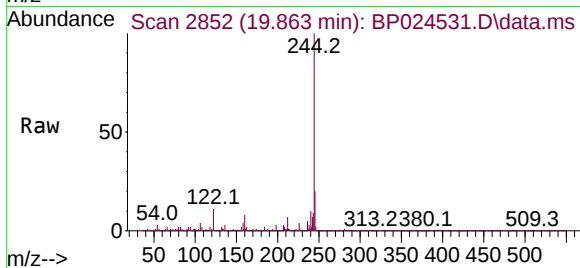
Tgt Ion:244 Resp: 623895

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.0 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.910 min Scan# 3710

Delta R.T. -0.023 min

Lab File: BP024531.D

Acq: 05 May 2025 18:47

Tgt Ion:264 Resp: 532284

Ion Ratio Lower Upper

264 100

260 29.3 18.9 28.3#

265 21.1 17.8 26.6

