

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041825\
 Data File : BP024345.D
 Acq On : 18 Apr 2025 16:45
 Operator : RC/JU
 Sample : Q1832-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-04

Quant Time: Apr 18 17:26:49 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)

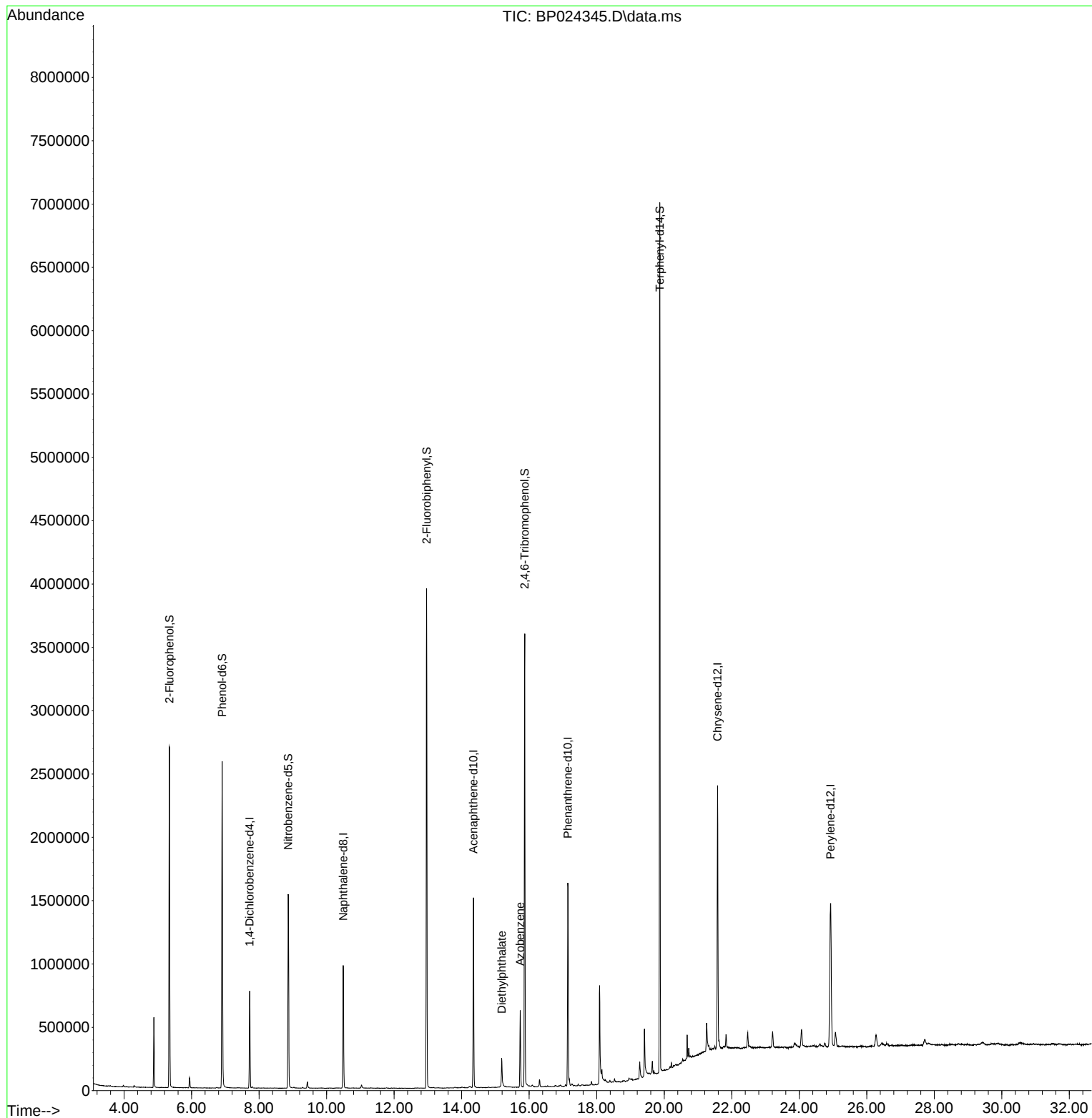
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	207104	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	797936	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	495246	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	990038	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1147843	20.000	ng	-0.01
86) Perylene-d12	24.927	264	1329225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1232767	98.420	ng	0.00
7) Phenol-d6	6.905	99	1584485	92.385	ng	0.00
23) Nitrobenzene-d5	8.863	82	940494	67.208	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	705194	102.918	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1971192	60.942	ng	0.00
79) Terphenyl-d14	19.869	244	3502201	61.499	ng	0.00
Target Compounds						
60) Diethylphthalate	15.187	149	179724	4.842	ng	Qvalue 99
63) Azobenzene	15.734	77	175824	5.154	ng	# 1

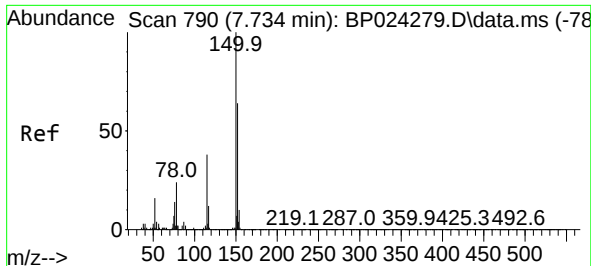
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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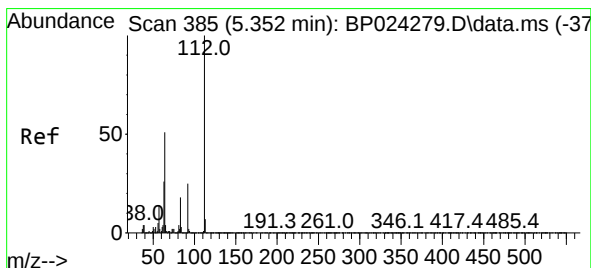
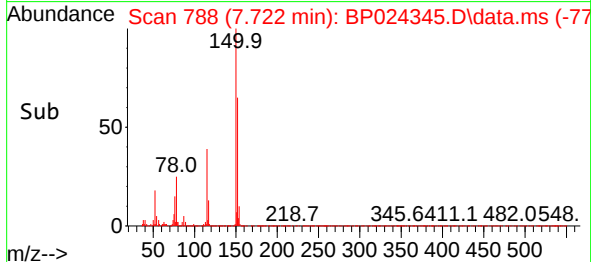
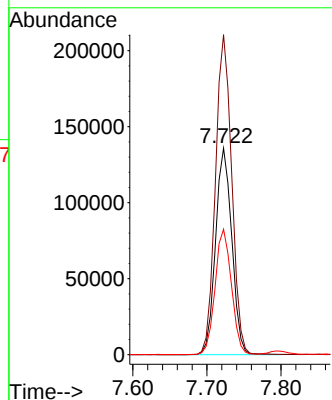
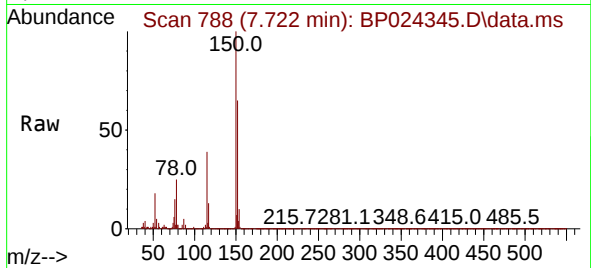




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

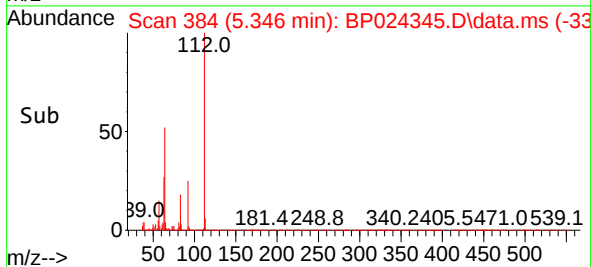
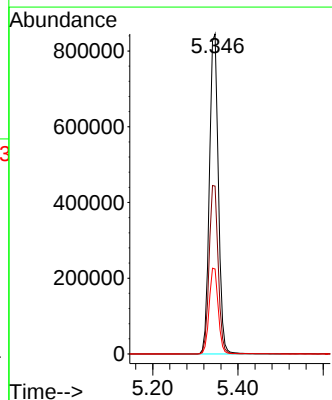
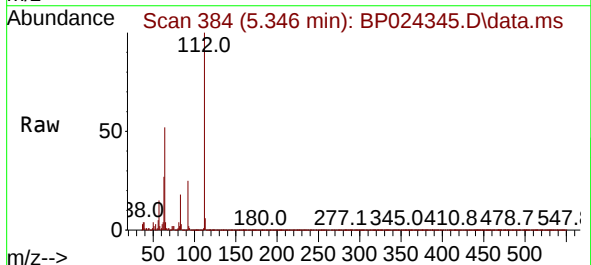
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04

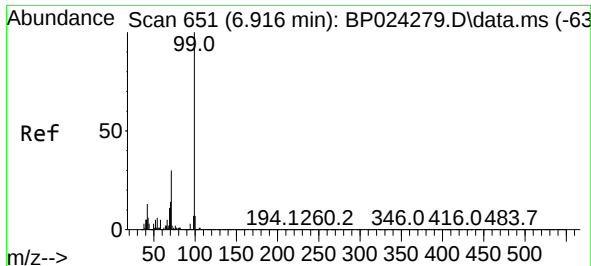
Tgt Ion:152 Resp: 207104
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 60.8 47.7 71.5



#5
2-Fluorophenol
Concen: 98.420 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

Tgt Ion:112 Resp: 1232767
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 26.5 20.6 30.8



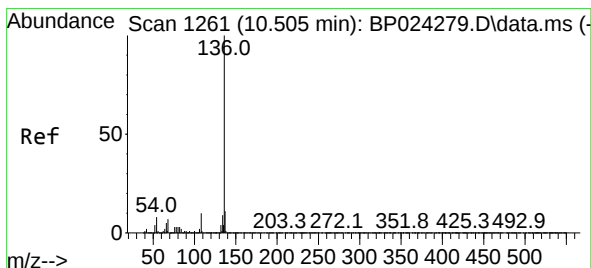
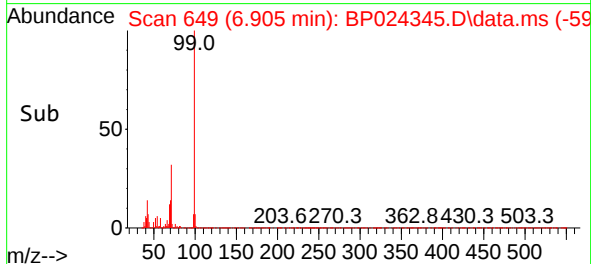
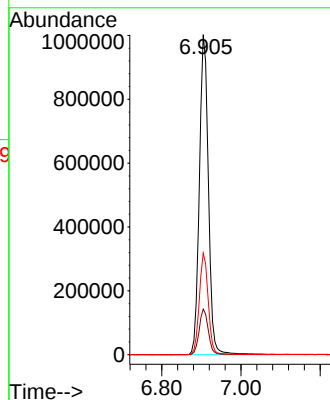
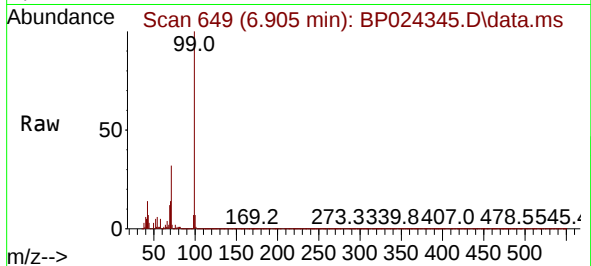


#7
Phenol-d6
Concen: 92.385 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04

Tgt Ion: 99 Resp: 1584485

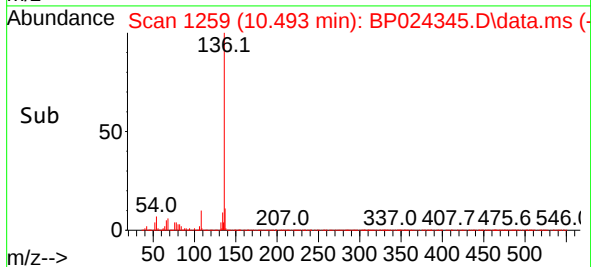
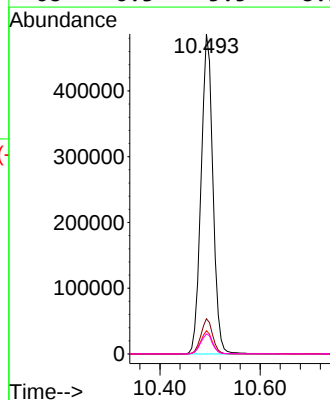
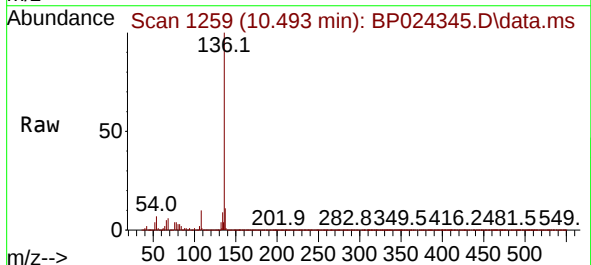
Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.6	16.0
71	31.7	23.7	35.5

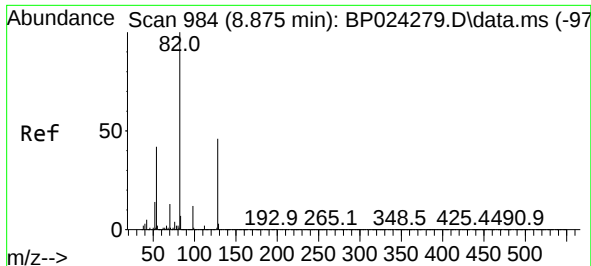


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

Tgt Ion: 136 Resp: 797936

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	6.0	9.0
68	6.3	5.5	8.3

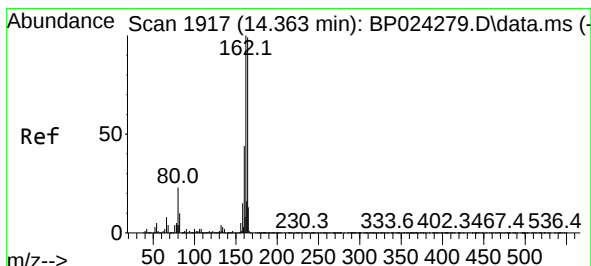
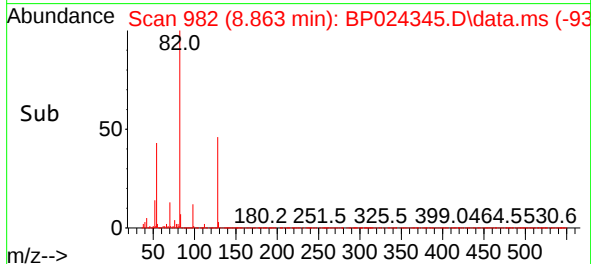
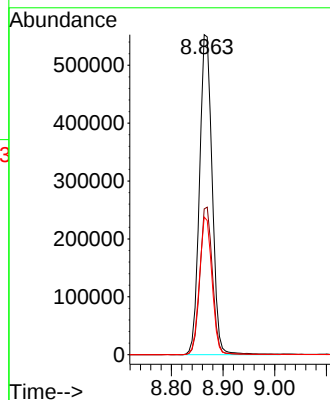
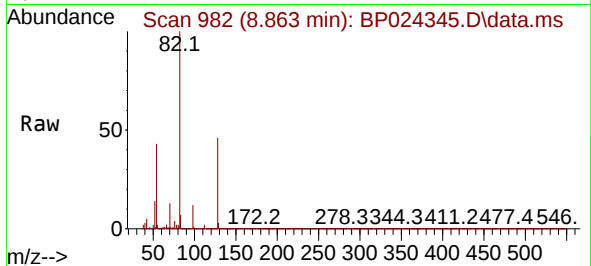




#23
Nitrobenzene-d5
Concen: 67.208 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

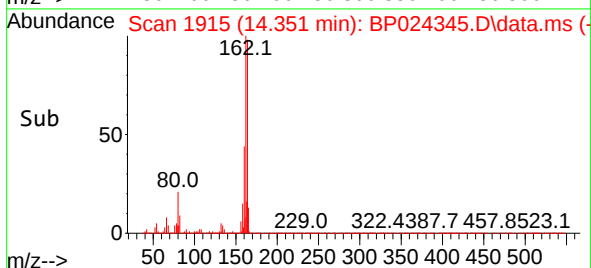
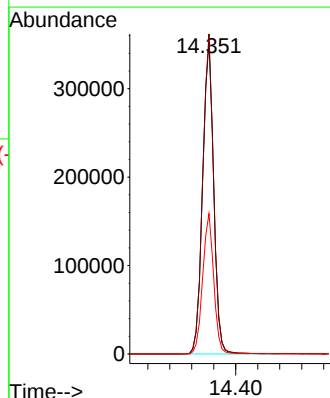
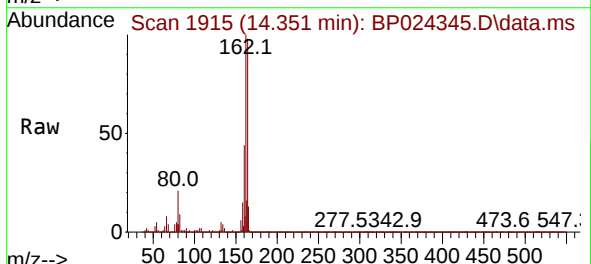
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-04

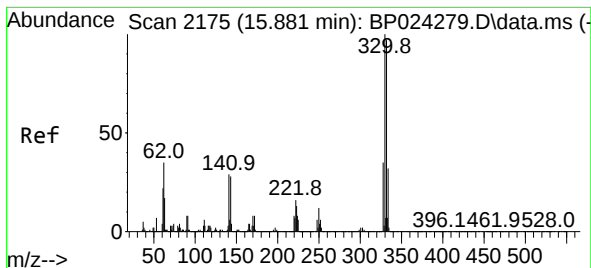
Tgt Ion: 82 Resp: 940494
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 43.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

Tgt Ion:164 Resp: 495246
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 102.918 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04

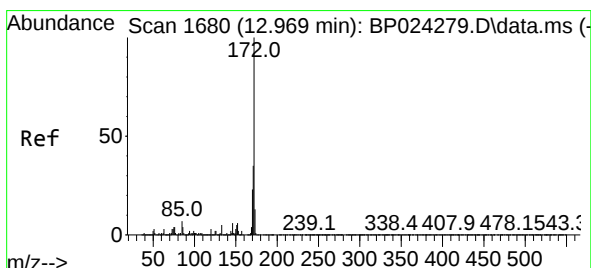
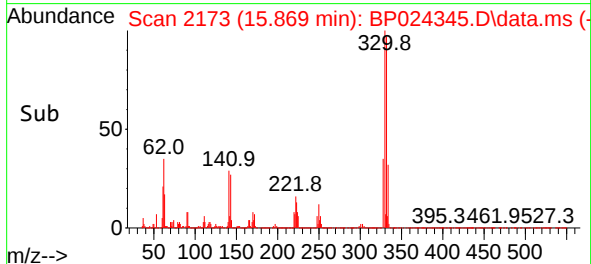
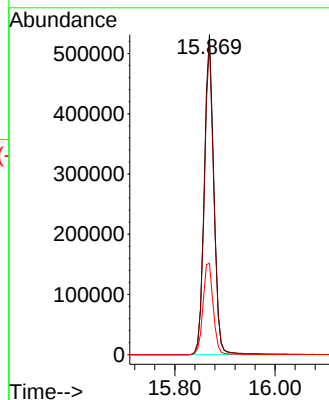
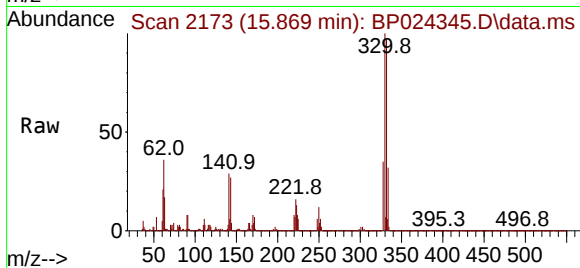
Tgt Ion:330 Resp: 705194

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 30.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 60.942 ng

RT: 12.963 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

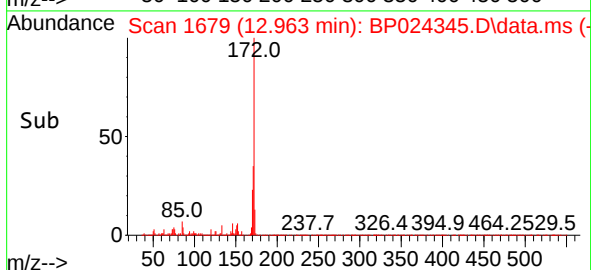
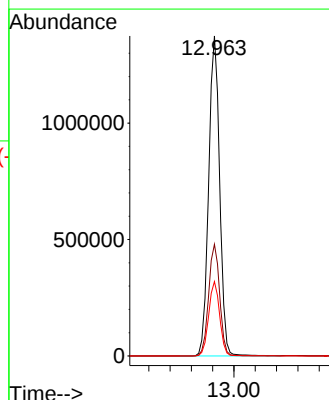
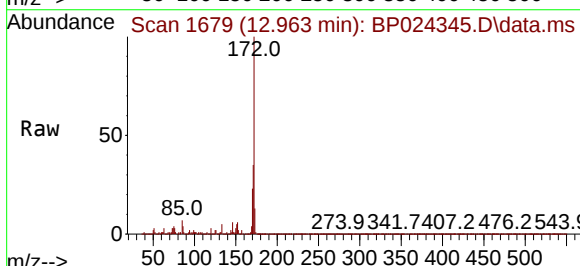
Tgt Ion:172 Resp: 1971192

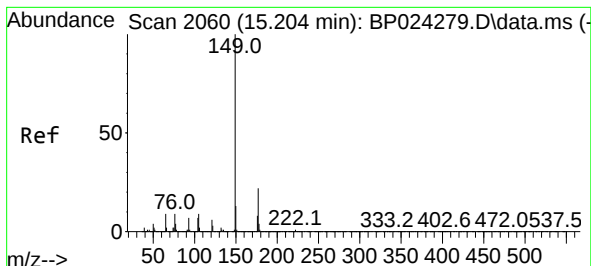
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.2 18.6 27.8





#60

Diethylphthalate

Concen: 4.842 ng

RT: 15.187 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04

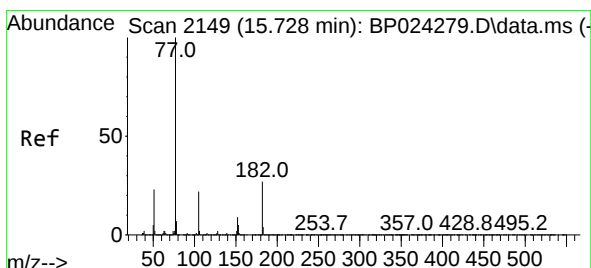
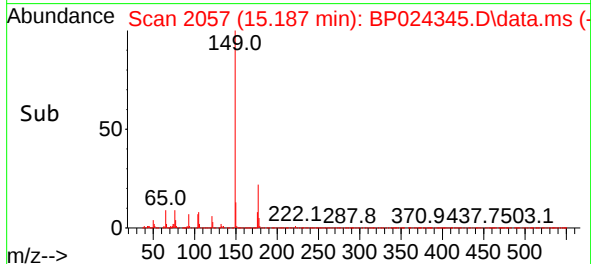
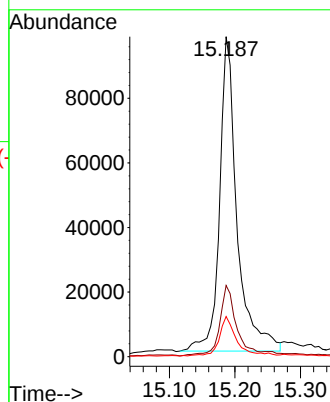
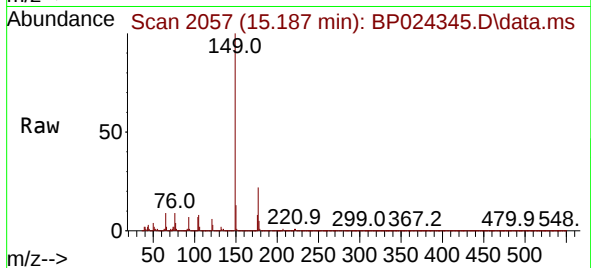
Tgt Ion:149 Resp: 179724

Ion Ratio Lower Upper

149 100

177 22.2 17.4 26.2

150 12.6 10.1 15.1



#63

Azobenzene

Concen: 5.154 ng

RT: 15.734 min Scan# 2150

Delta R.T. 0.024 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

Tgt Ion: 77 Resp: 175824

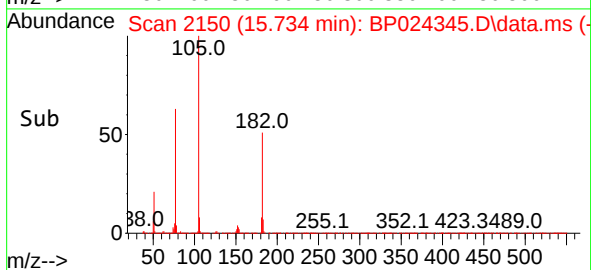
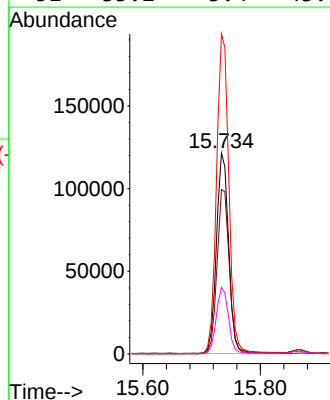
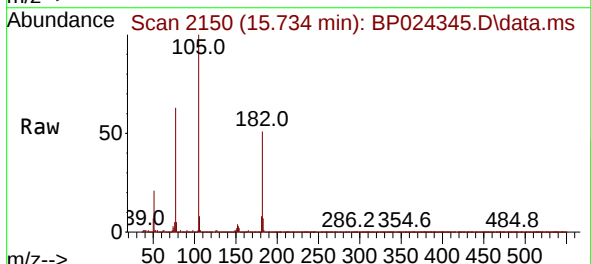
Ion Ratio Lower Upper

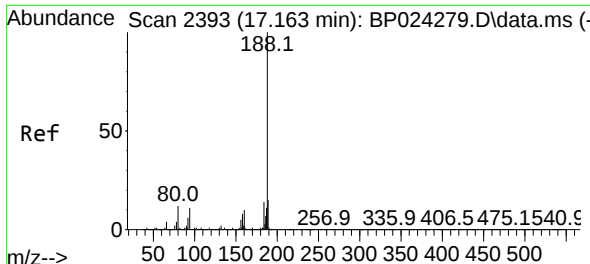
77 100

182 81.8 7.3 47.3#

105 159.3 2.3 42.3#

51 33.2 3.4 43.4

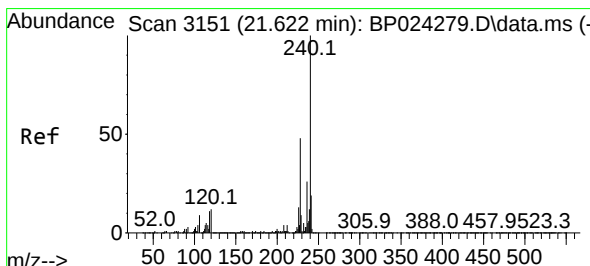
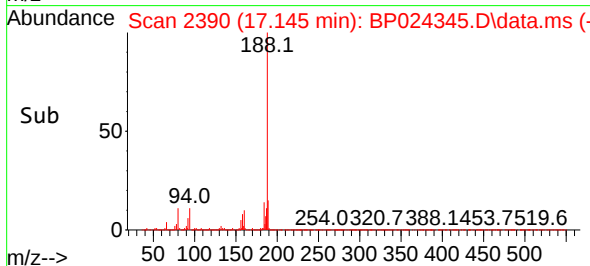
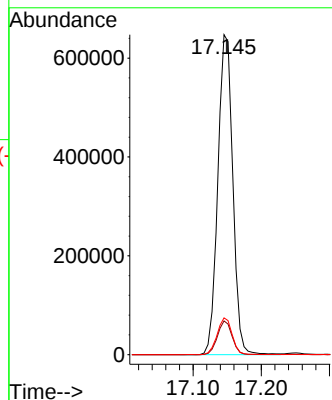
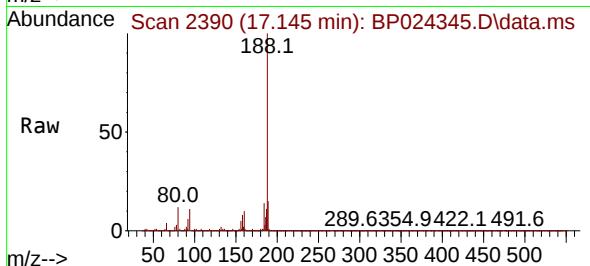




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

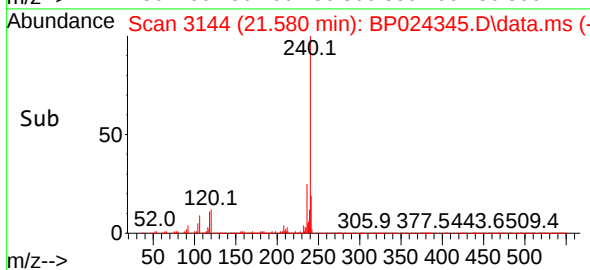
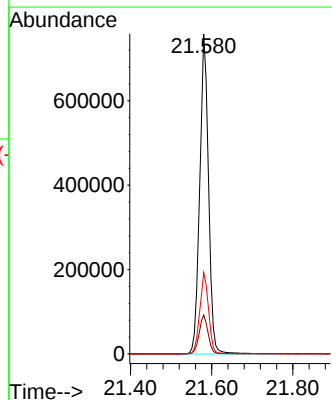
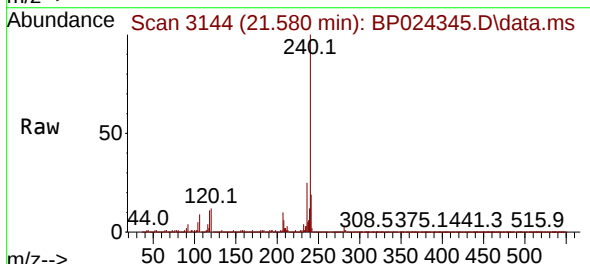
Instrument :
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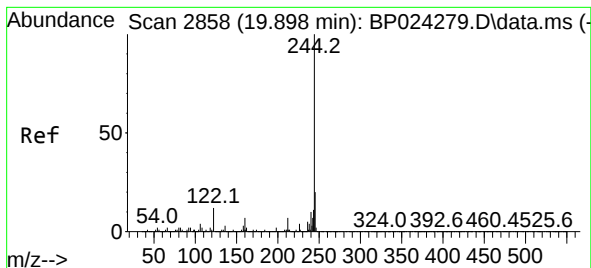
Tgt Ion:188 Resp: 990038
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 11.5 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024345.D
Acq: 18 Apr 2025 16:45

Tgt Ion:240 Resp: 1147843
Ion Ratio Lower Upper
240 100
120 12.2 9.8 14.8
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 61.499 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-04

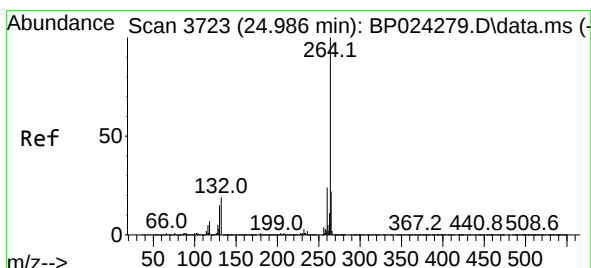
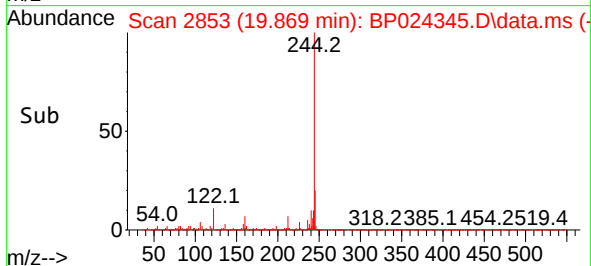
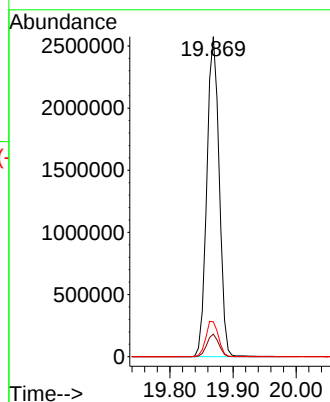
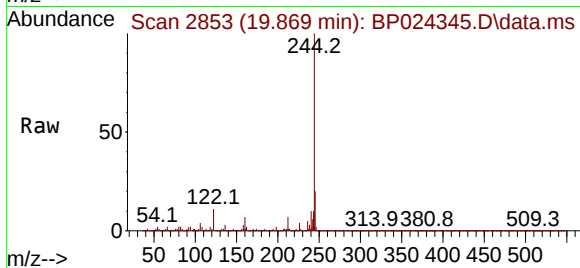
Tgt Ion:244 Resp: 3502201

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.9 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024345.D

Acq: 18 Apr 2025 16:45

Tgt Ion:264 Resp: 1329225

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

