

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024767.D
 Acq On : 22 May 2025 20:26
 Operator : RC/JU
 Sample : Q2088-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 252820

Quant Time: May 23 03:13:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	101746	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	395736	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	242182	20.000	ng	-0.02
64) Phenanthrene-d10	17.080	188	467705	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	594740	20.000	ng	-0.01
86) Perylene-d12	24.798	264	778852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	363712	61.141	ng	0.00
7) Phenol-d6	6.857	99	361592	47.626	ng	0.00
23) Nitrobenzene-d5	8.804	82	422132	53.897	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	408394	99.470	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	1050191	56.812	ng	-0.02
79) Terphenyl-d14	19.804	244	2028179	58.474	ng	0.00

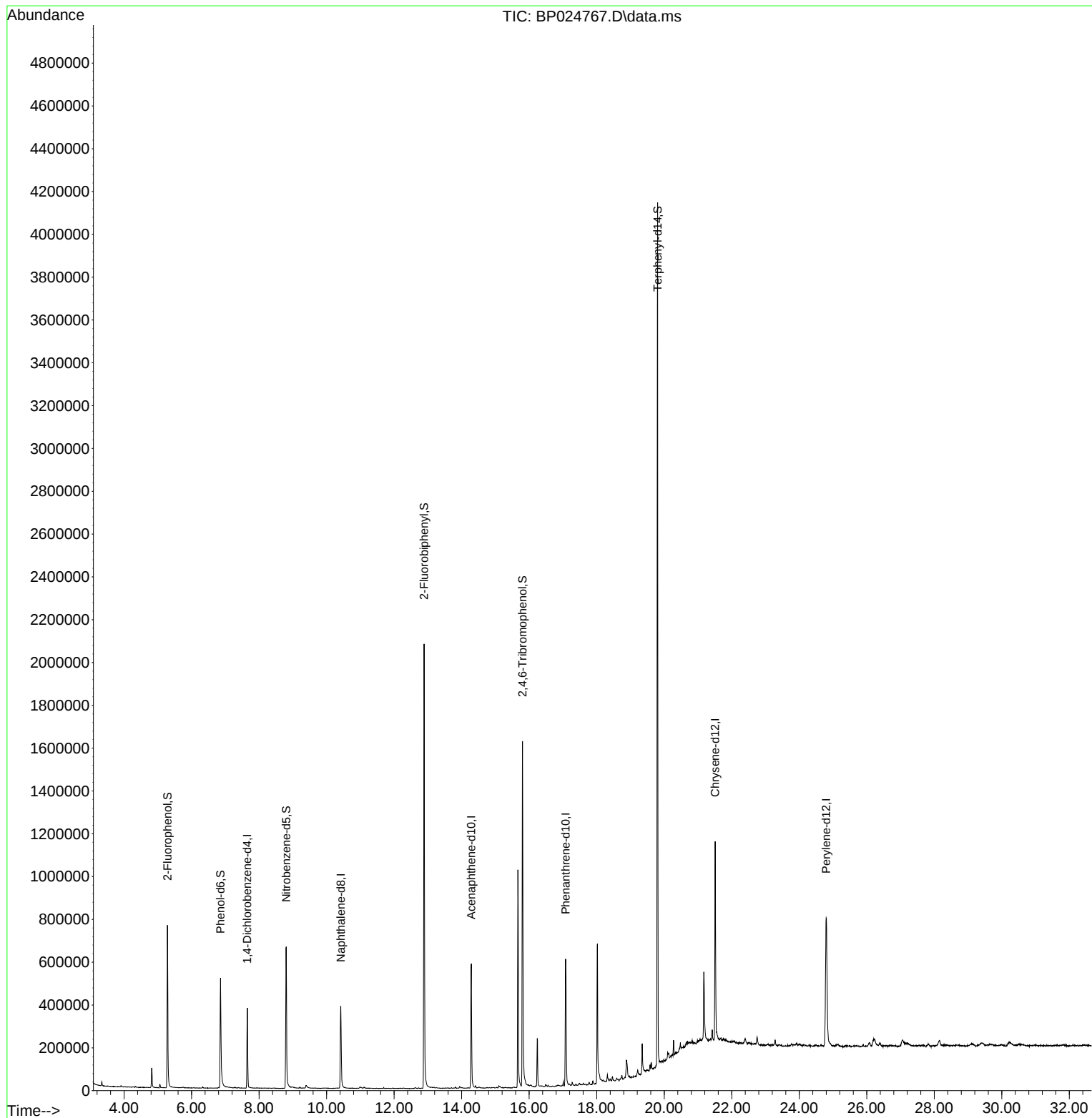
Target Compounds	Qvalue

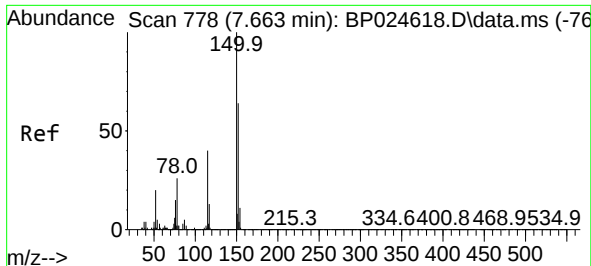
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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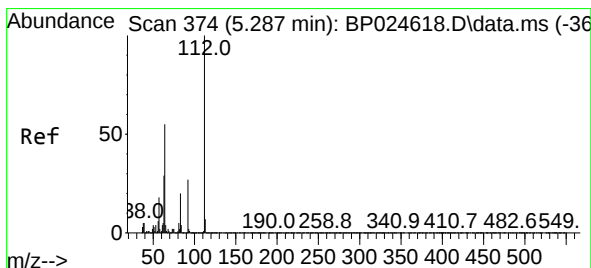
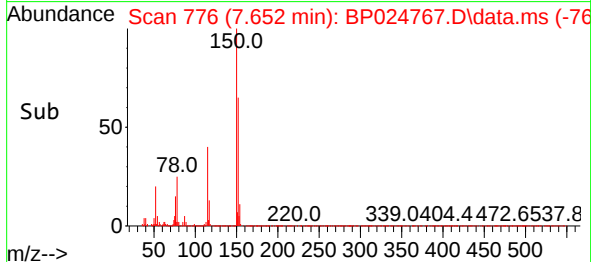
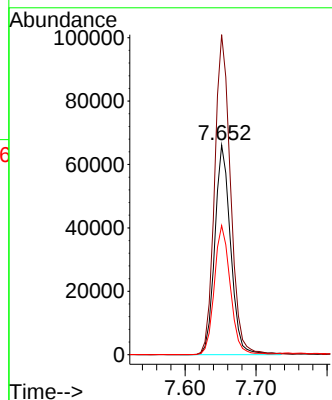
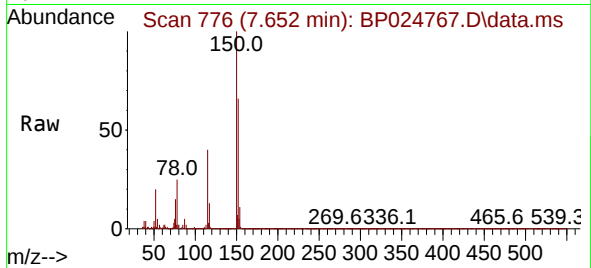




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

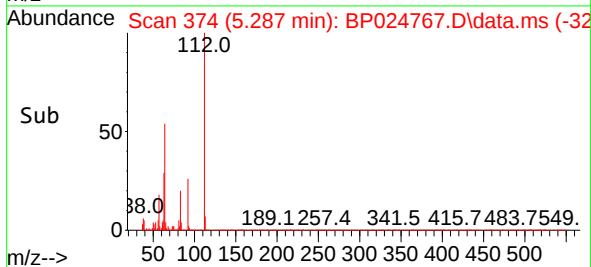
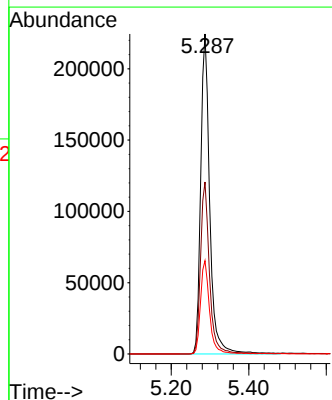
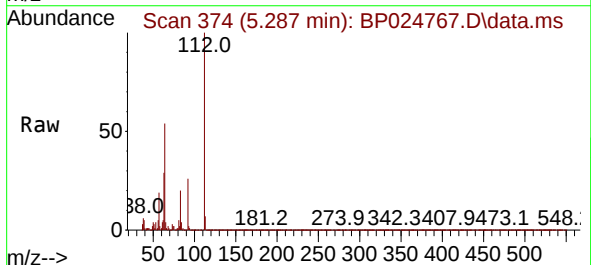
Instrument :
BNA_P
ClientSampleId :
252820

Tgt Ion:152 Resp: 101746
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 61.141 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

Tgt Ion:112 Resp: 363712
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 29.2 23.5 35.3





#7

Phenol-d6

Concen: 47.626 ng

RT: 6.857 min Scan# 641

Delta R.T. 0.006 min

Lab File: BP024767.D

Acq: 22 May 2025 20:26

Instrument :

BNA_P

ClientSampleId :

252820

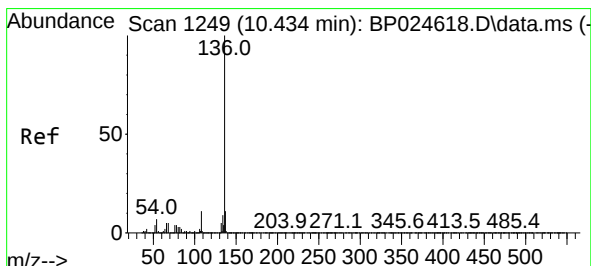
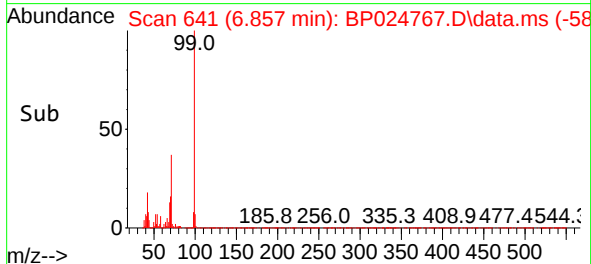
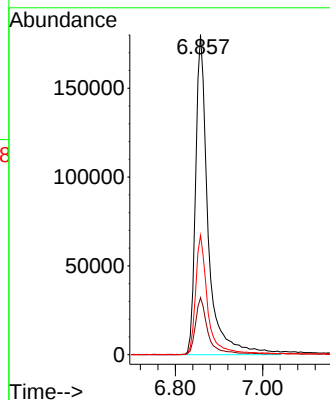
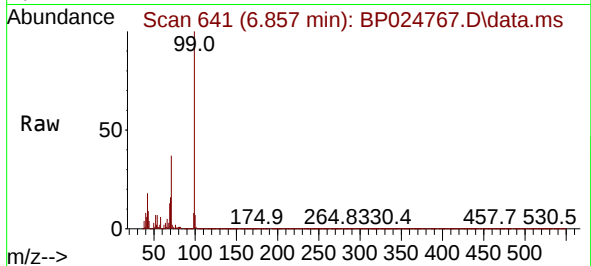
Tgt Ion: 99 Resp: 361592

Ion Ratio Lower Upper

99 100

42 17.8 14.4 21.6

71 37.3 29.2 43.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.422 min Scan# 1247

Delta R.T. -0.012 min

Lab File: BP024767.D

Acq: 22 May 2025 20:26

Tgt Ion:136 Resp: 395736

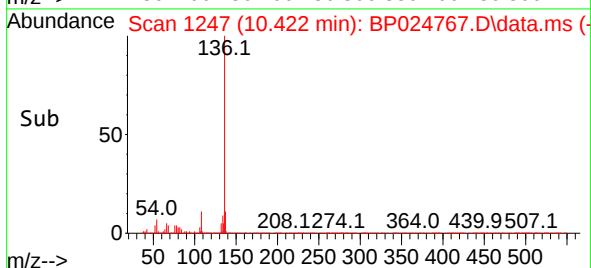
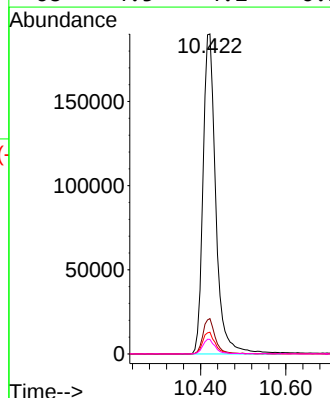
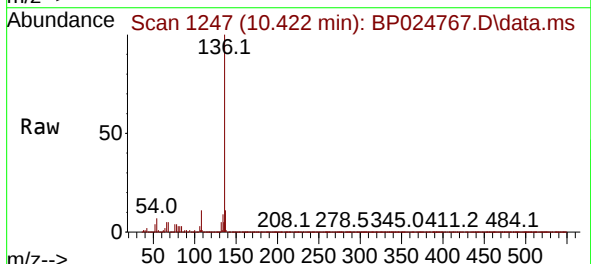
Ion Ratio Lower Upper

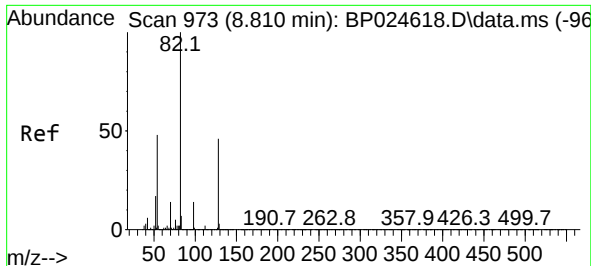
136 100

137 11.1 8.8 13.2

54 6.8 5.5 8.3

68 4.5 4.2 6.2

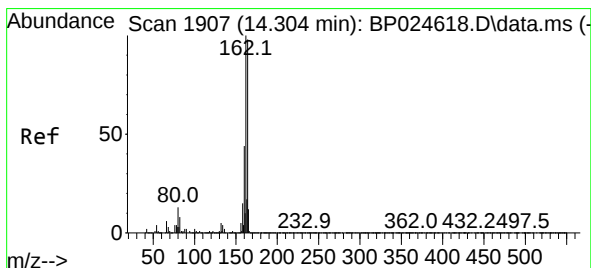
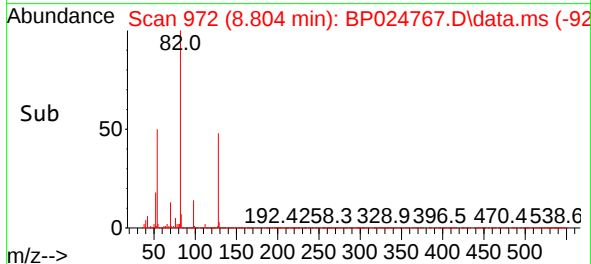
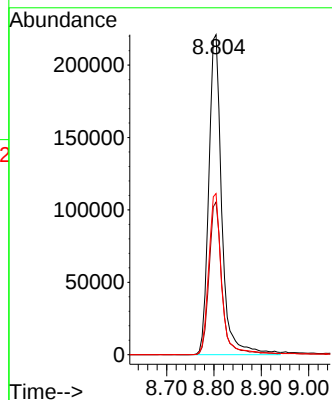
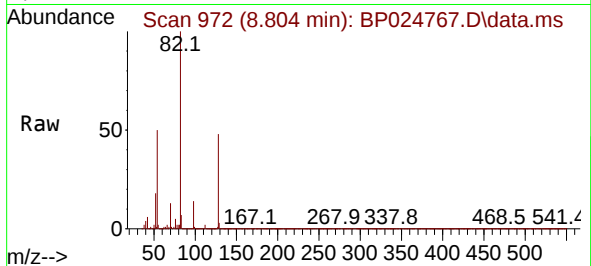




#23
Nitrobenzene-d5
Concen: 53.897 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

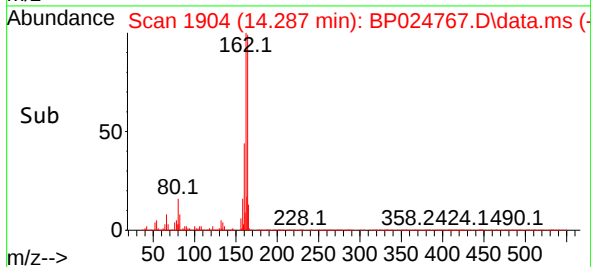
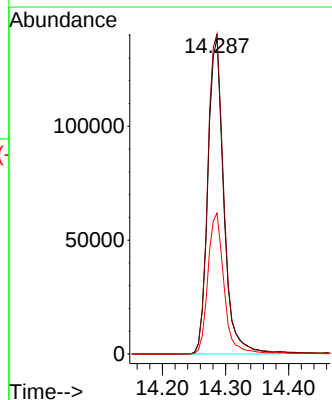
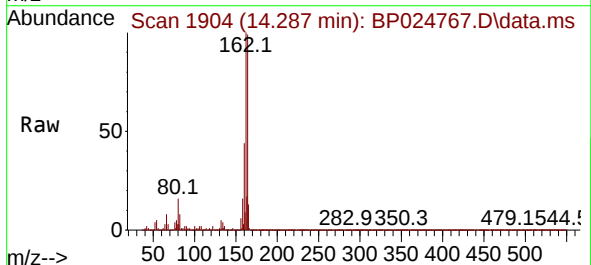
Instrument :
BNA_P
ClientSampleId :
252820

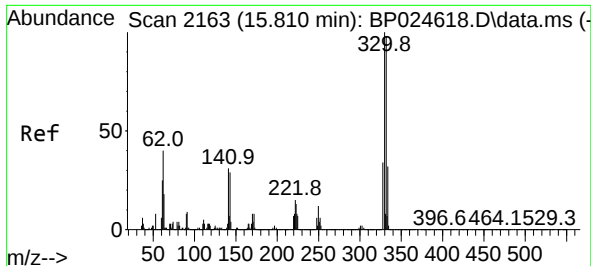
Tgt Ion: 82 Resp: 422132
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.4
54 50.4 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

Tgt Ion:164 Resp: 242182
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.5 36.3 54.5

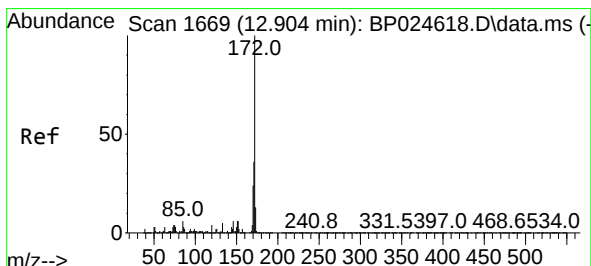
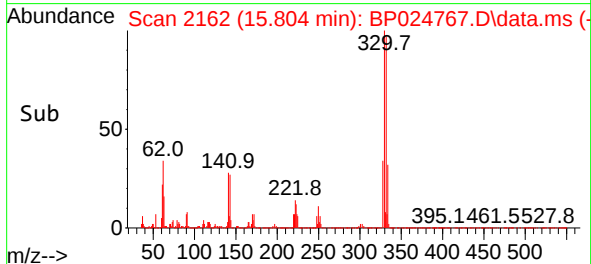
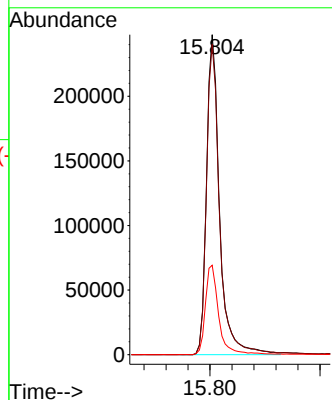
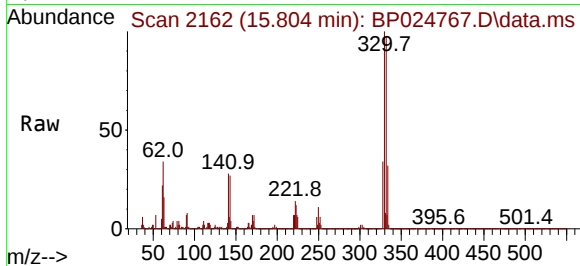




#42
2,4,6-Tribromophenol
Concen: 99.470 ng
RT: 15.804 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

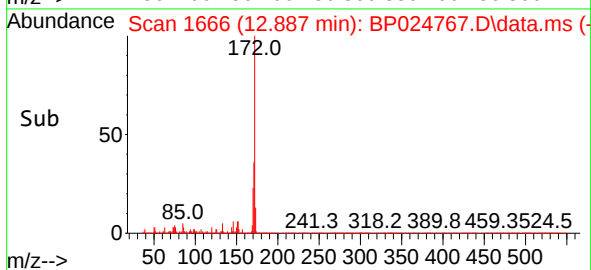
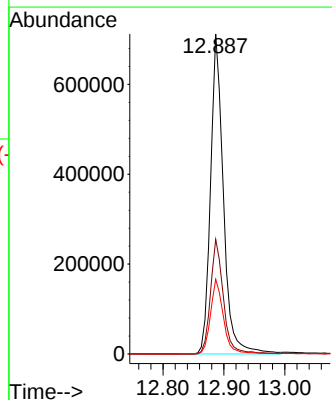
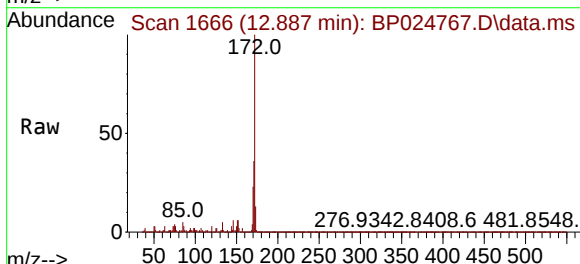
Instrument :
BNA_P
ClientSampleId :
252820

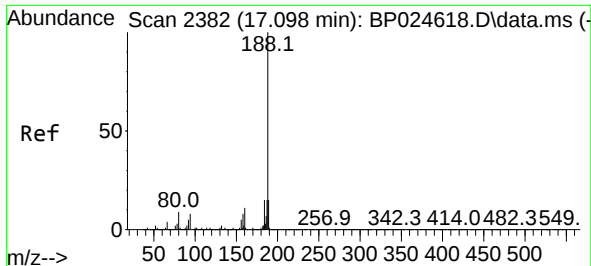
Tgt Ion:330 Resp: 408394
Ion Ratio Lower Upper
330 100
332 98.7 78.2 117.4
141 28.6 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 56.812 ng
RT: 12.887 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

Tgt Ion:172 Resp: 1050191
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 18.8 28.2

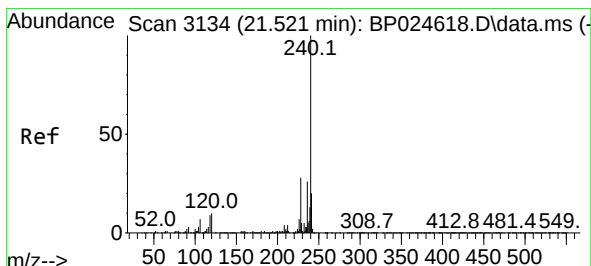
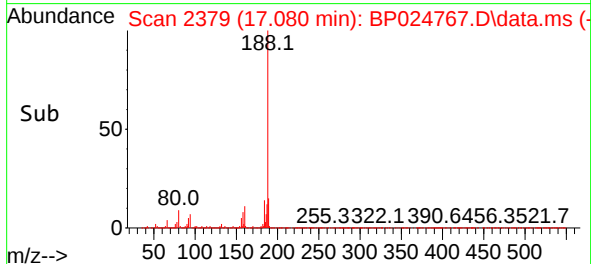
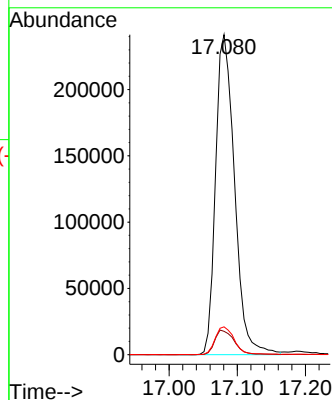
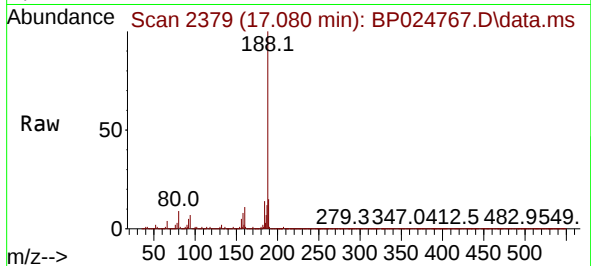




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

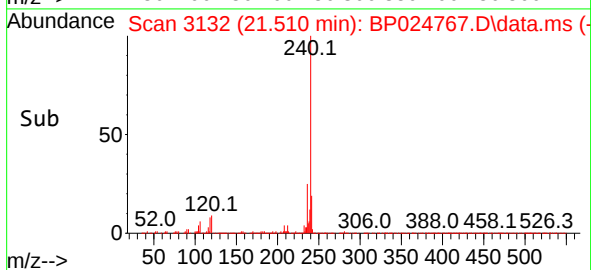
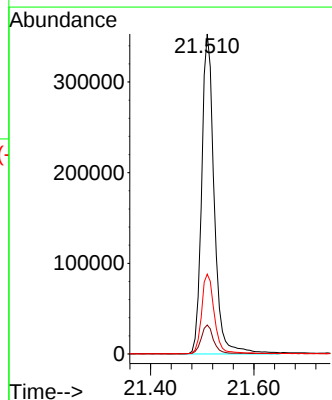
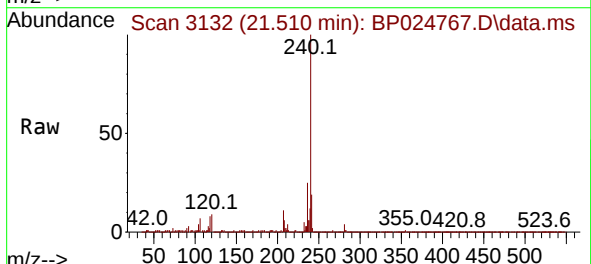
Instrument :
BNA_P
ClientSampleId :
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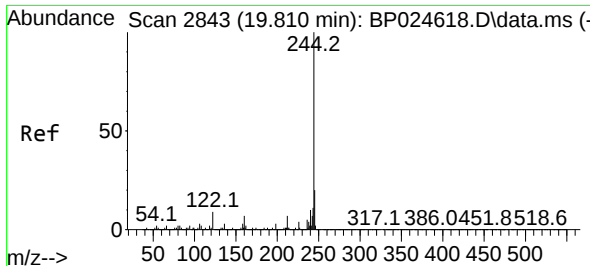
Tgt Ion:188 Resp: 467705
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024767.D
Acq: 22 May 2025 20:26

Tgt Ion:240 Resp: 594740
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 25.0 20.6 31.0

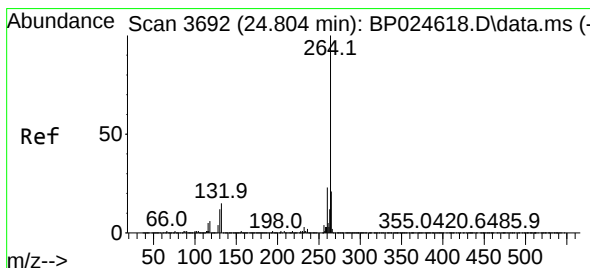
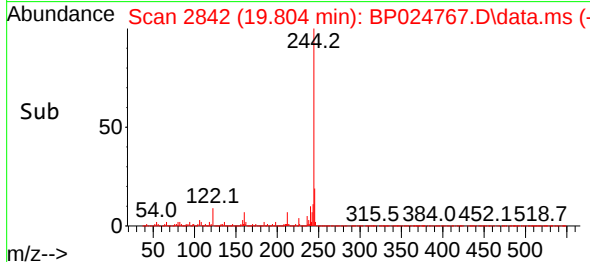
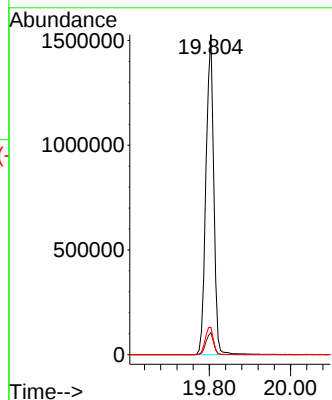
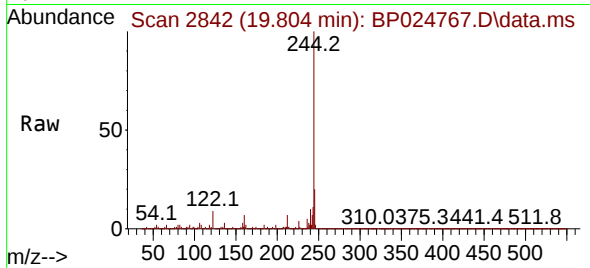




#79
 Terphenyl-d14
 Concen: 58.474 ng
 RT: 19.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024767.D
 Acq: 22 May 2025 20:26

Instrument :
 BNA_P
 ClientSampleId :
 252820

Tgt Ion:244 Resp: 2028179
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 8.6 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3691
 Delta R.T. -0.006 min
 Lab File: BP024767.D
 Acq: 22 May 2025 20:26

Tgt Ion:264 Resp: 778852
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 22.5 17.0 25.6

