

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026114.D
 Acq On : 12 Nov 2025 15:55
 Operator : RC/JU
 Sample : Q3601-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Quant Time: Nov 12 16:36:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	285297	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1067622	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	638322	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1271555	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1410533	20.000	ng	0.02
86) Perylene-d12	24.918	264	1598848	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2137748	123.643	ng	0.00
7) Phenol-d6	6.849	99	2391566	108.676	ng	0.00
23) Nitrobenzene-d5	8.807	82	1663031	97.107	ng	-0.02
42) 2,4,6-Tribromophenol	15.836	330	1076245	155.958	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	3886373	87.486	ng	0.00
79) Terphenyl-d14	19.871	244	6065918	87.371	ng	0.00

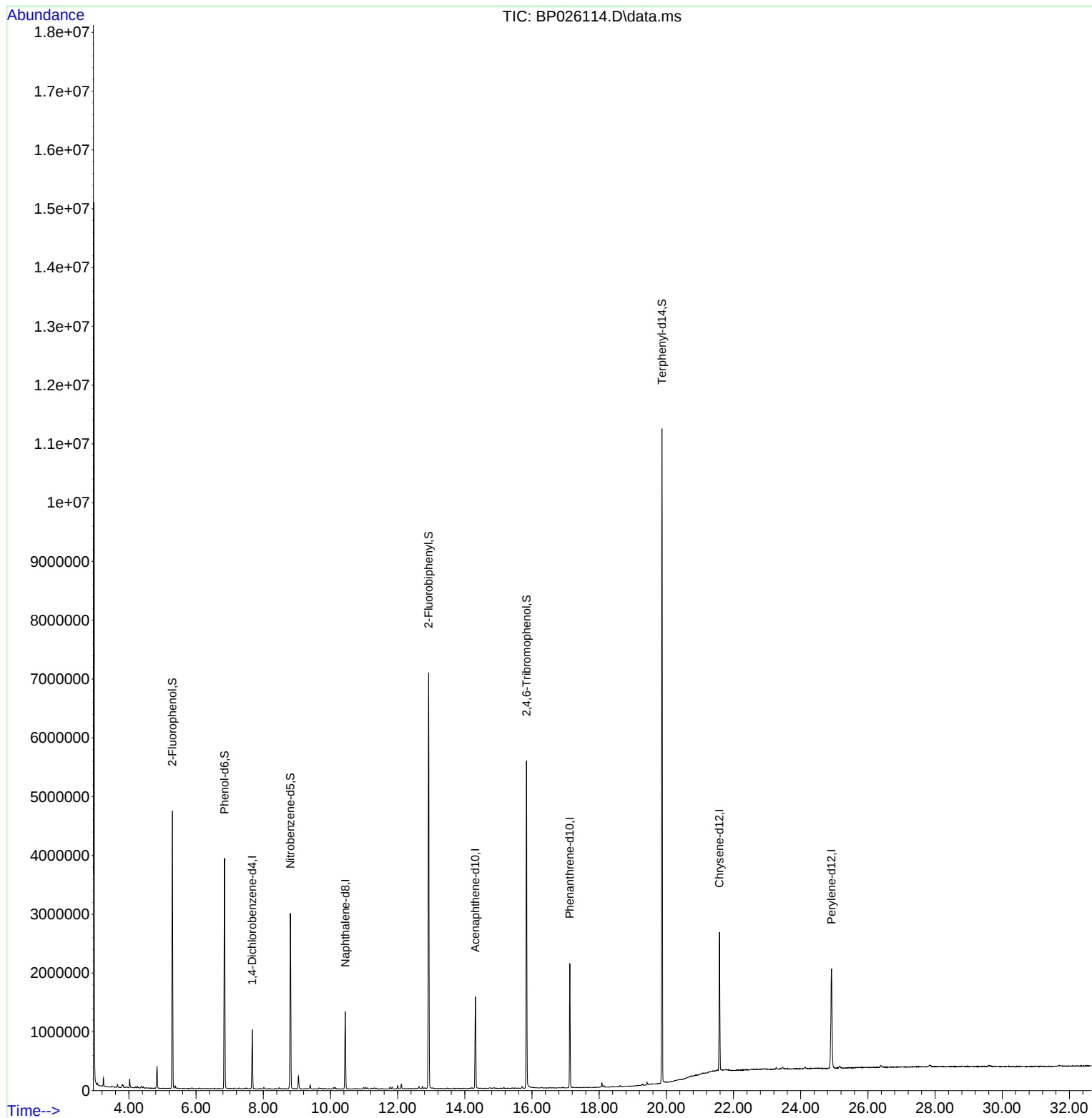
Target Compounds	Qvalue

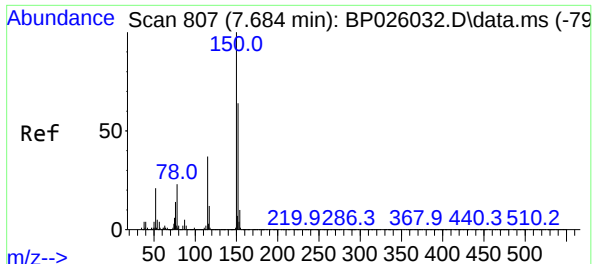
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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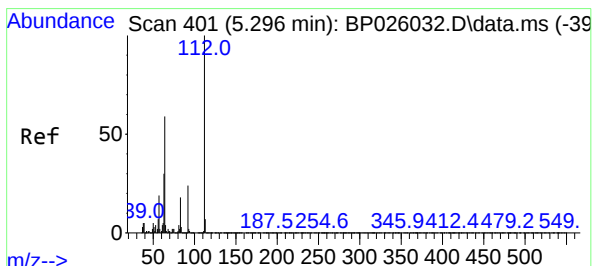
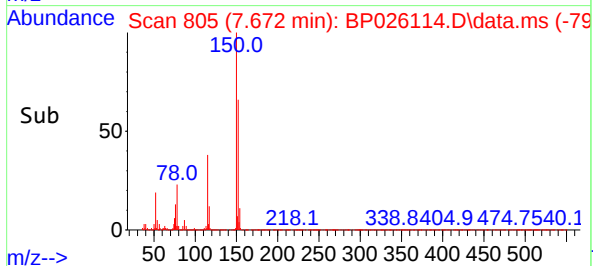
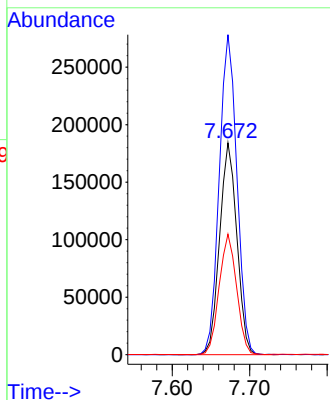
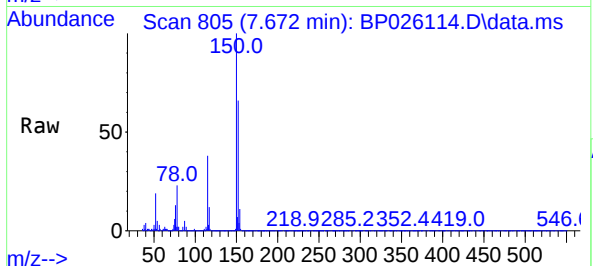




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

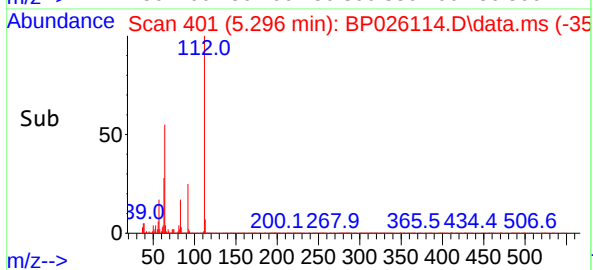
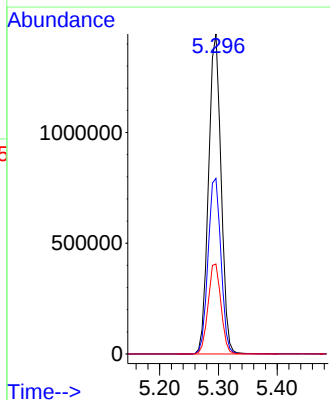
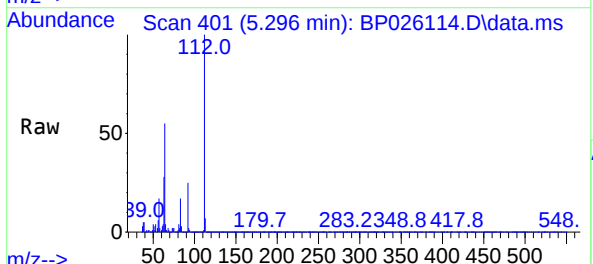
Instrument :
BNA_P
ClientSampleId :
TP-5

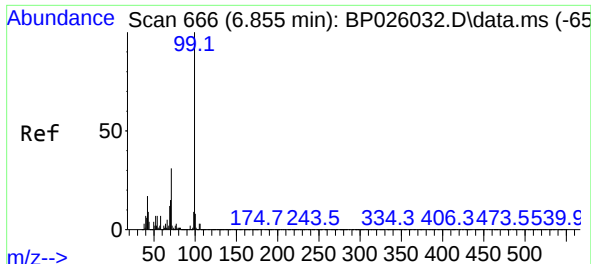
Tgt Ion:152 Resp: 285297
Ion Ratio Lower Upper
152 100
150 151.1 125.7 188.5
115 56.9 46.4 69.6



#5
2-Fluorophenol
Concen: 123.643 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

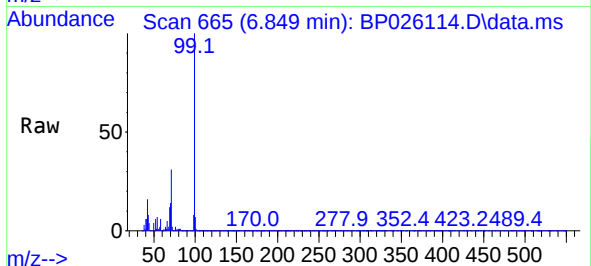
Tgt Ion:112 Resp: 2137748
Ion Ratio Lower Upper
112 100
64 54.9 47.4 71.2
63 28.1 24.2 36.4





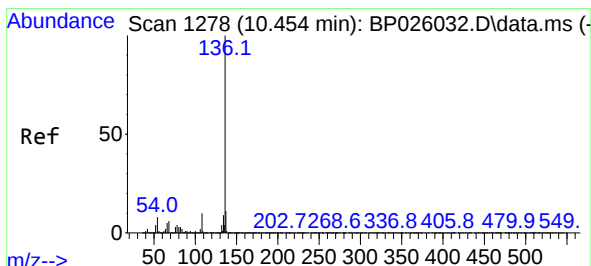
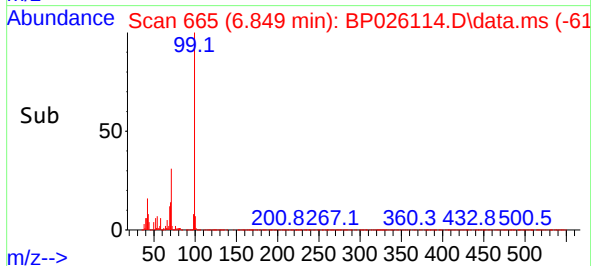
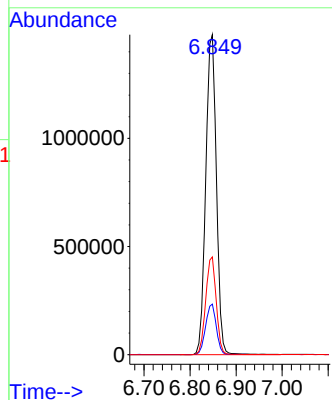
#7
Phenol-d6
Concen: 108.676 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Instrument :
BNA_P
ClientSampleId :
TP-5



Tgt Ion: 99 Resp: 2391566

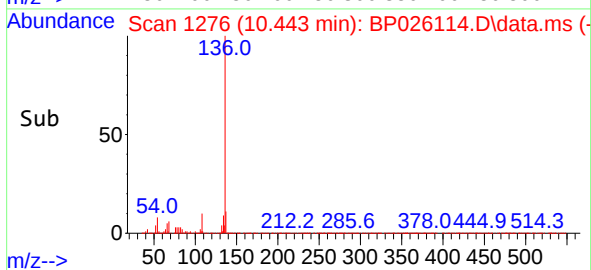
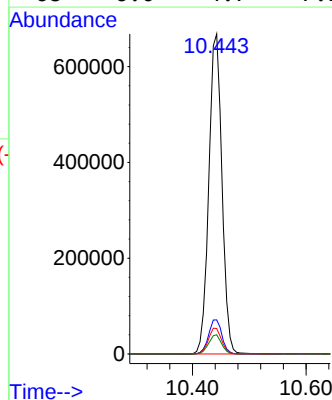
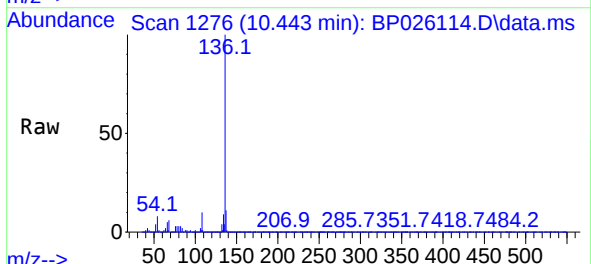
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	30.5	24.4	36.6

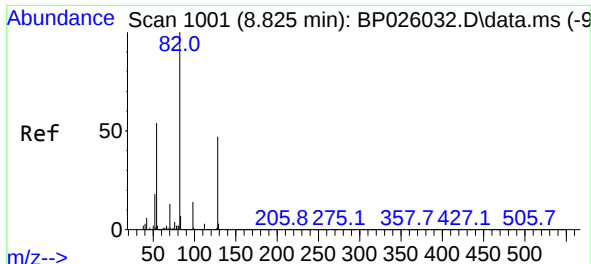


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:136 Resp: 1067622

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1

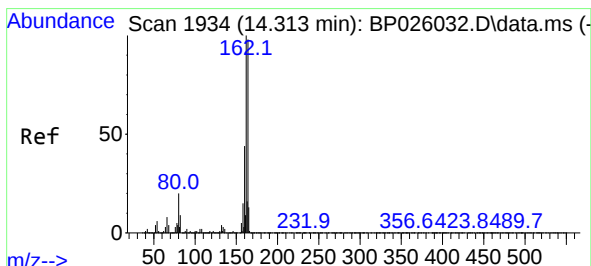
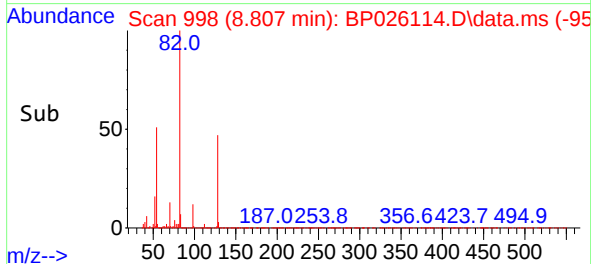
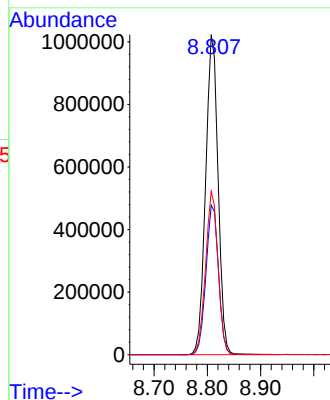
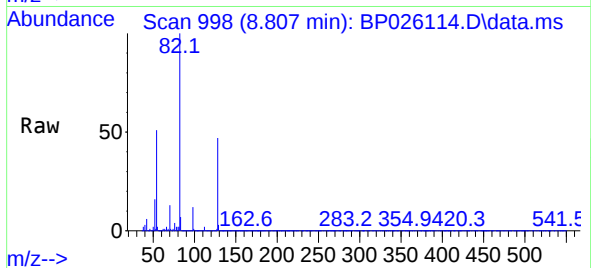




#23
Nitrobenzene-d5
Concen: 97.107 ng
RT: 8.807 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

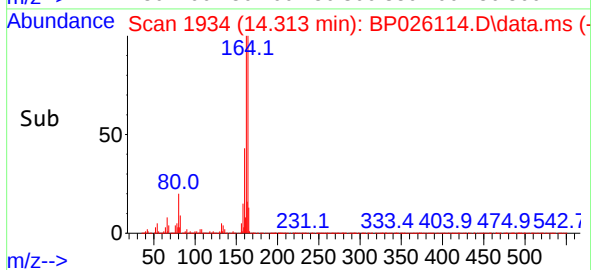
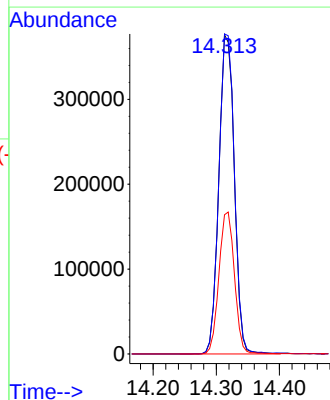
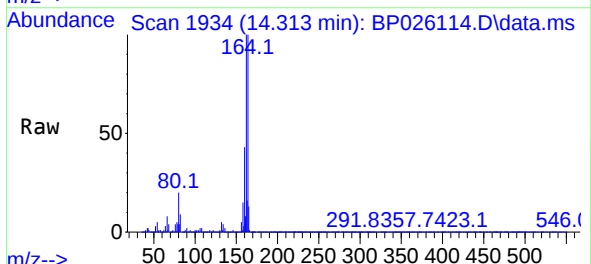
Instrument :
BNA_P
ClientSampleId :
TP-5

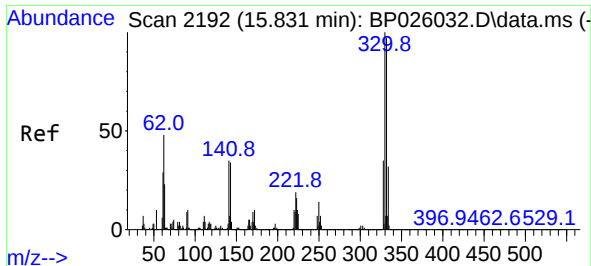
Tgt Ion: 82 Resp: 1663031
Ion Ratio Lower Upper
82 100
128 46.7 37.4 56.0
54 51.0 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:164 Resp: 638322
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 43.6 36.2 54.4

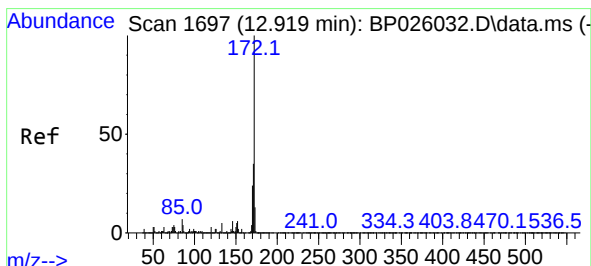
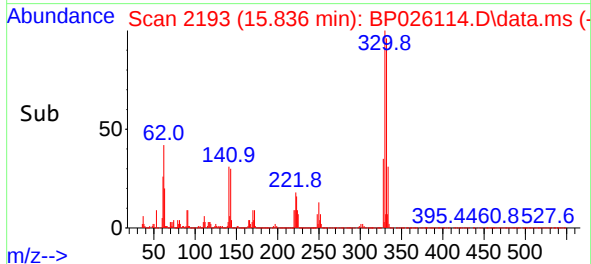
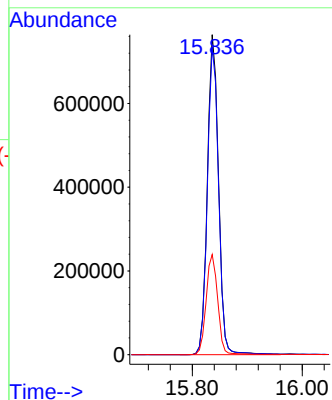
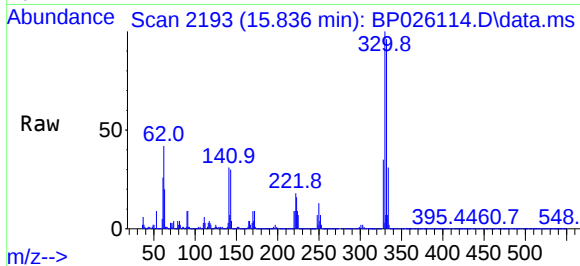




#42
2,4,6-Tribromophenol
Concen: 155.958 ng
RT: 15.836 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

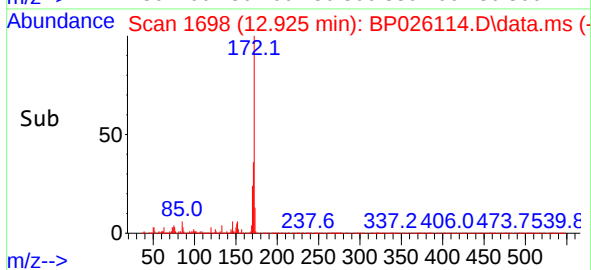
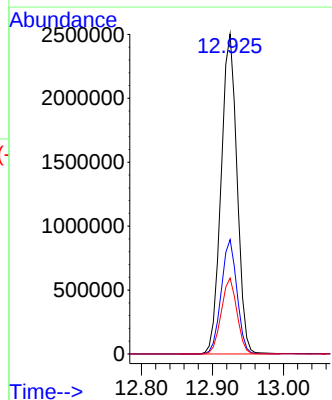
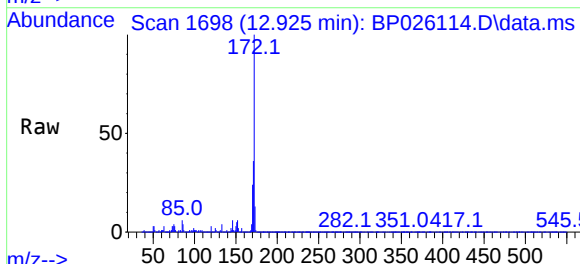
Instrument :
BNA_P
ClientSampleId :
TP-5

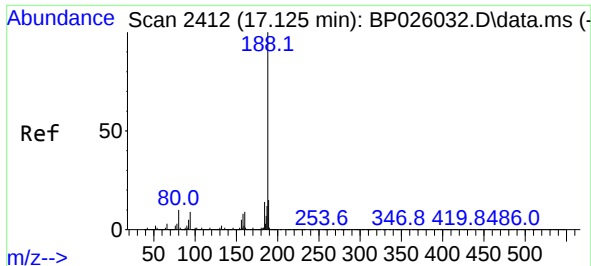
Tgt Ion:330 Resp: 1076245
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 32.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 87.486 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:172 Resp: 3886373
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 19.0 28.4

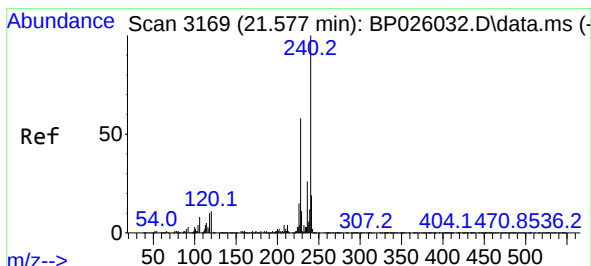
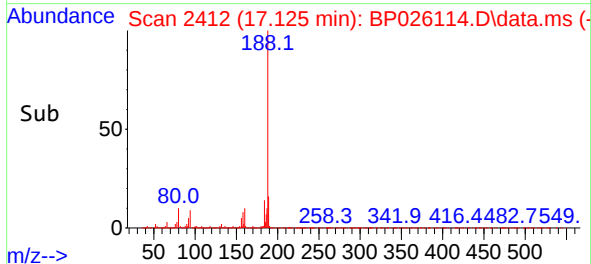
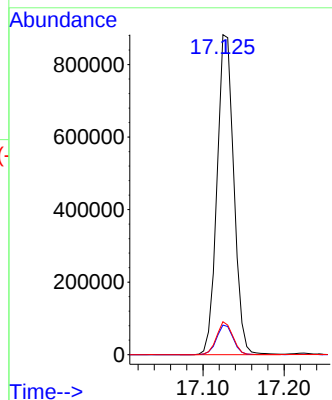
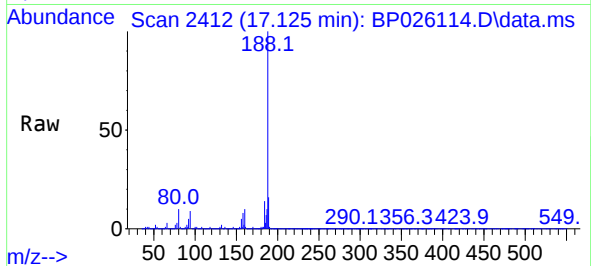




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

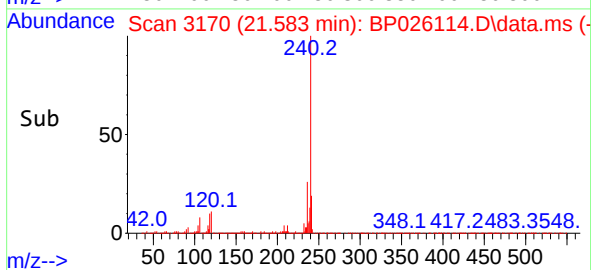
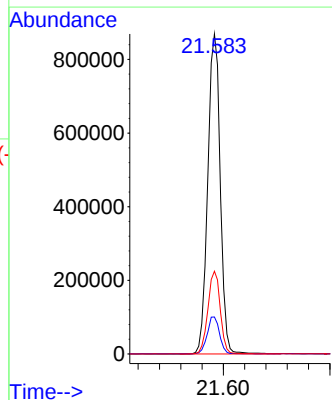
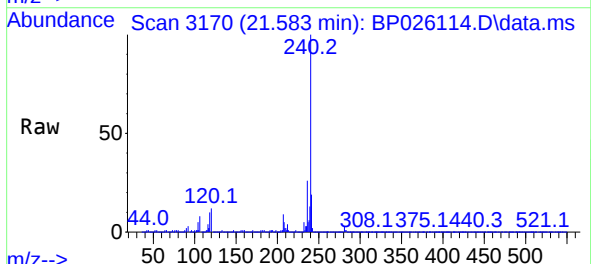
Instrument :
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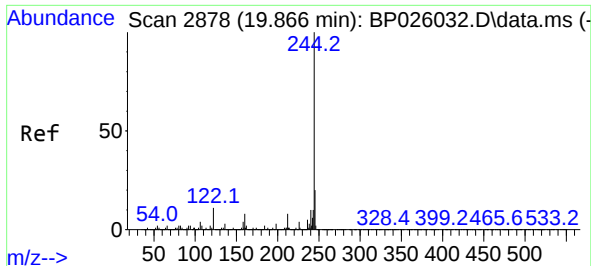
Tgt Ion:188 Resp: 1271555
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:240 Resp: 1410533
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 20.6 31.0

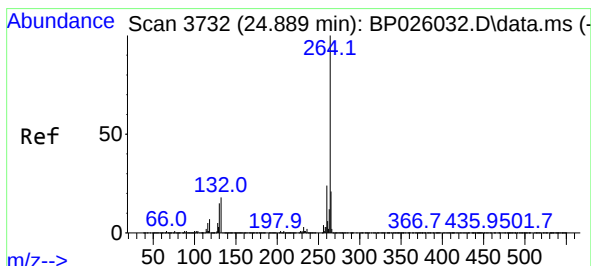
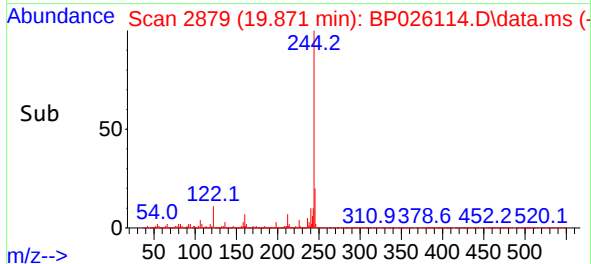
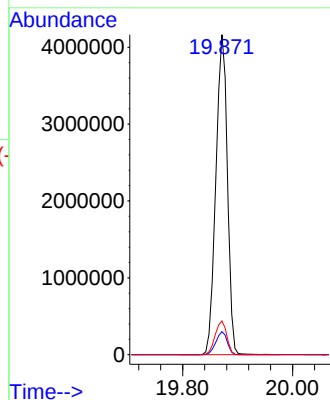
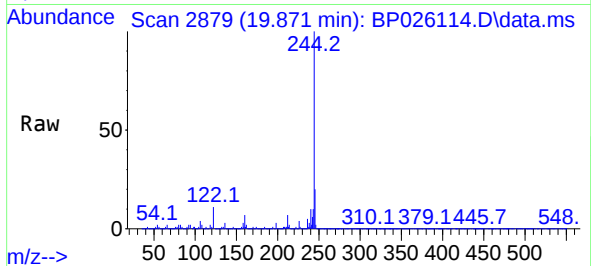




#79
Terphenyl-d14
Concen: 87.371 ng
RT: 19.871 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 6065918
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.6 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.035 min
Lab File: BP026114.D
Acq: 12 Nov 2025 15:55

Tgt Ion:264 Resp: 1598848
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.6 17.2 25.8

