

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026113.D
 Acq On : 12 Nov 2025 15:13
 Operator : RC/JU
 Sample : Q3601-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Nov 12 15:34:14 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	300221	20.000	ng	-0.02
21) Naphthalene-d8	10.449	136	1154788	20.000	ng	0.00
39) Acenaphthene-d10	14.307	164	708778	20.000	ng	-0.01
64) Phenanthrene-d10	17.119	188	1468712	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1571580	20.000	ng	0.01
86) Perylene-d12	24.907	264	1630488	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	2410718	132.500	ng	0.00
7) Phenol-d6	6.855	99	2759026	119.141	ng	0.00
23) Nitrobenzene-d5	8.813	82	1851541	99.953	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	1256727	164.008	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	4384342	88.885	ng	0.00
79) Terphenyl-d14	19.866	244	7205018	93.144	ng	0.00

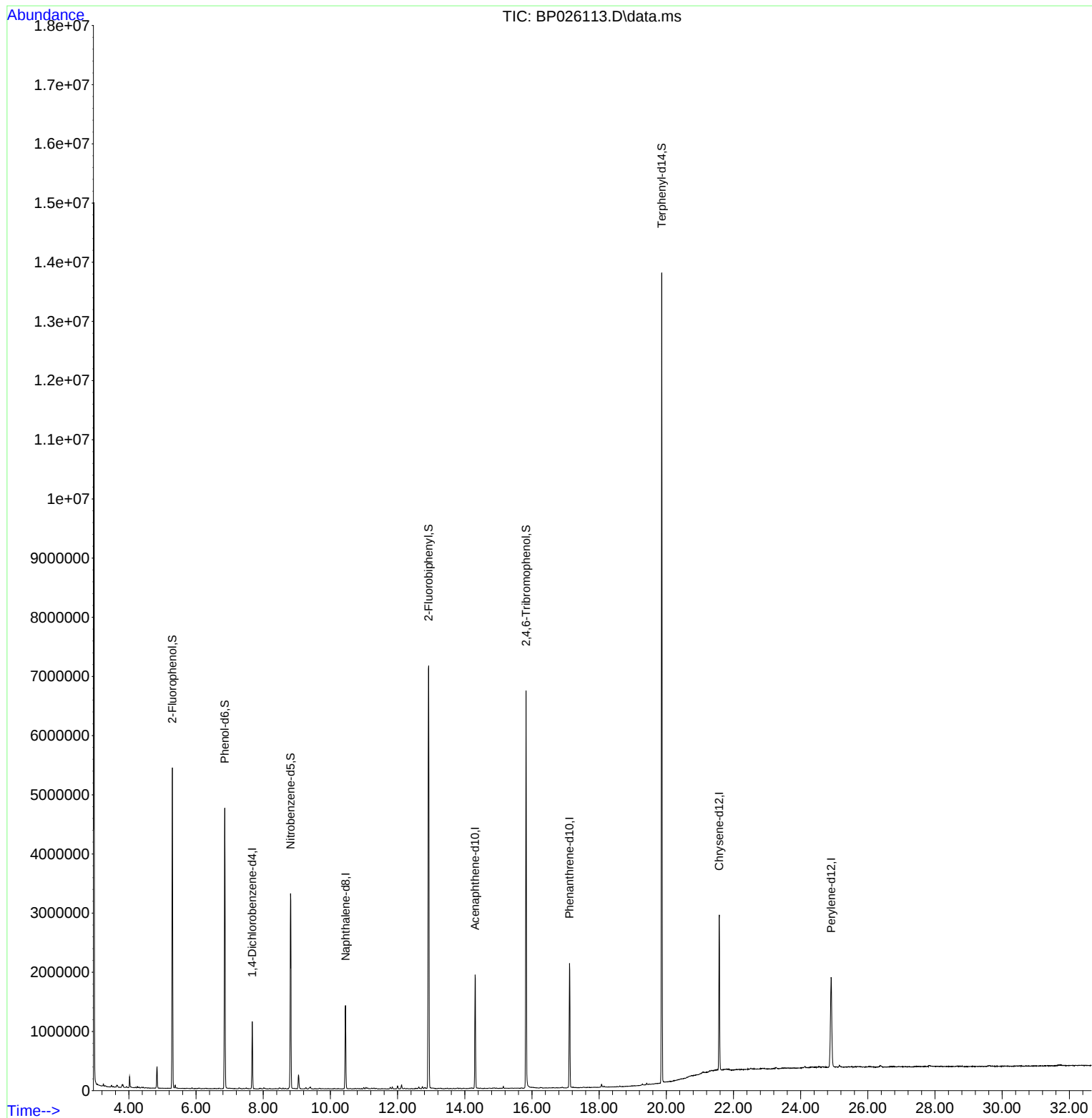
Target Compounds	Qvalue

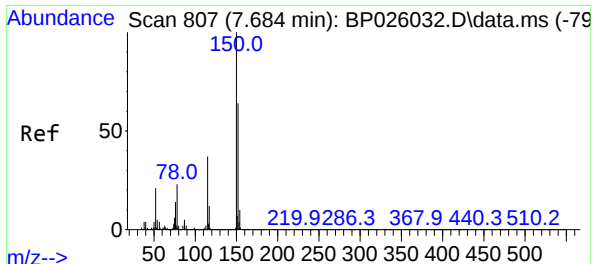
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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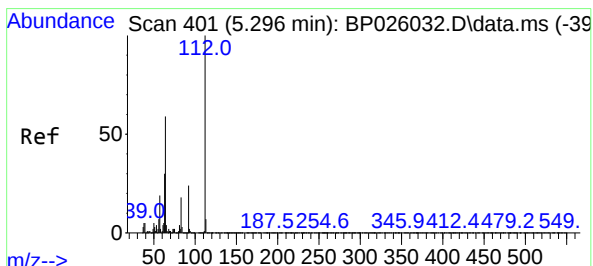
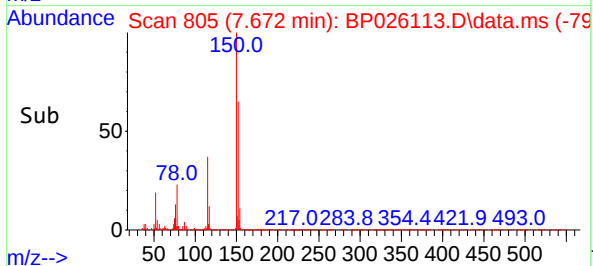
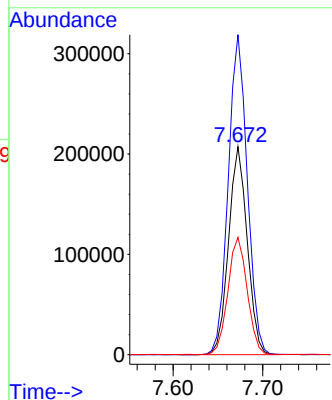
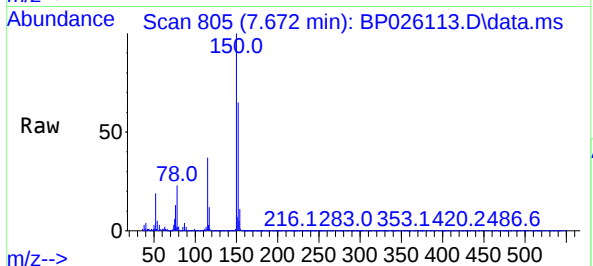




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 807
Delta R.T. -0.018 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

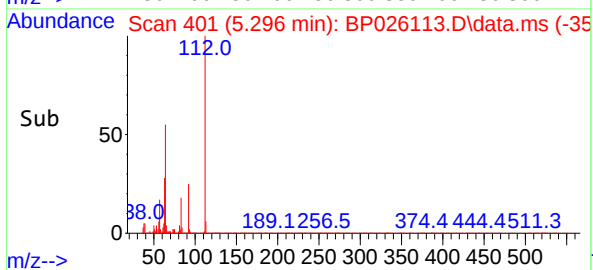
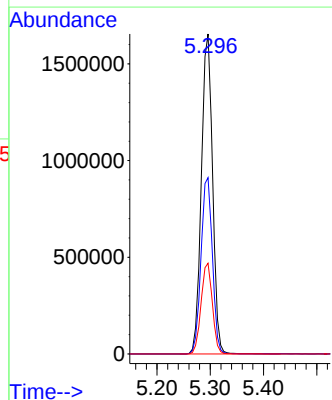
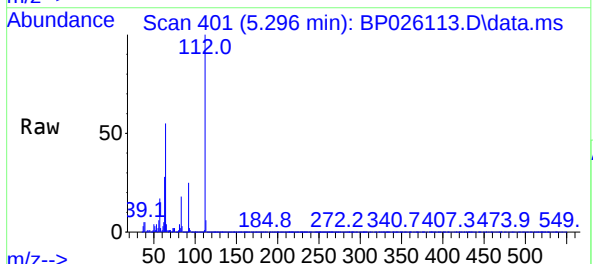
Instrument :
BNA_P
ClientSampleId :
TP-4

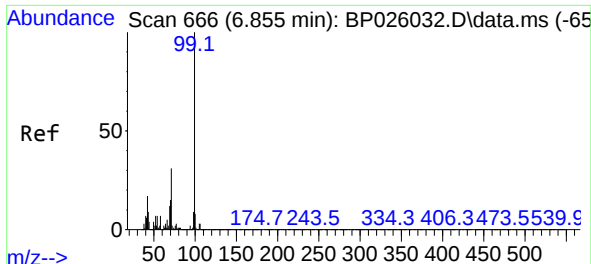
Tgt Ion:152 Resp: 300221
Ion Ratio Lower Upper
152 100
150 153.8 125.7 188.5
115 56.4 46.4 69.6



#5
2-Fluorophenol
Concen: 132.500 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:112 Resp: 2410718
Ion Ratio Lower Upper
112 100
64 55.1 47.4 71.2
63 28.4 24.2 36.4

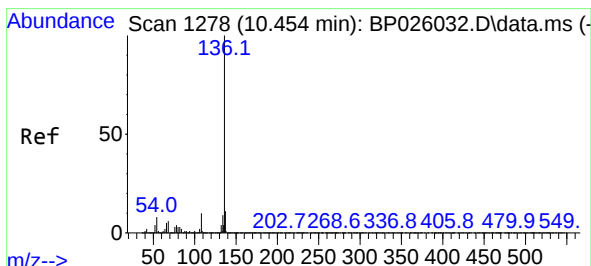
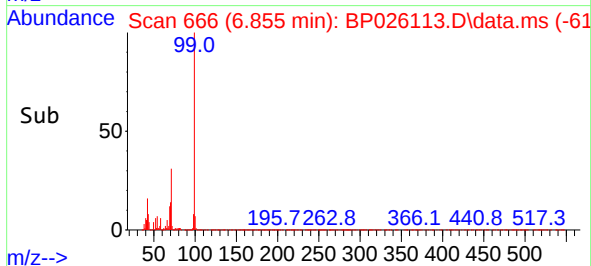
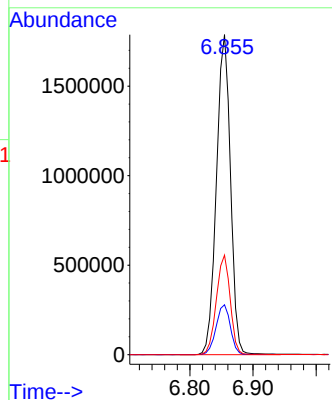
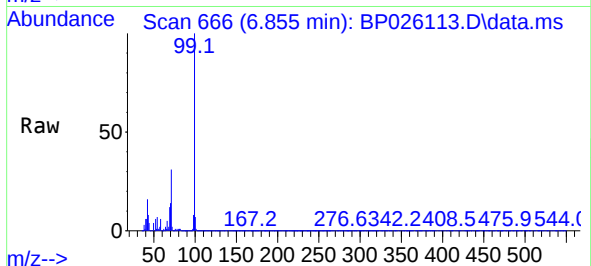




#7
Phenol-d6
Concen: 119.141 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

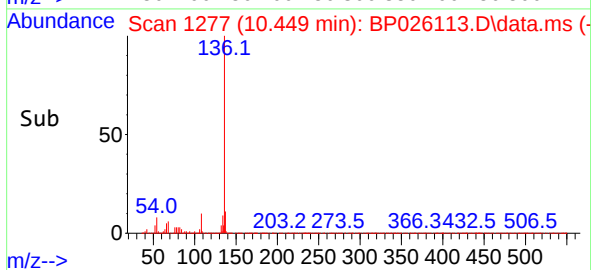
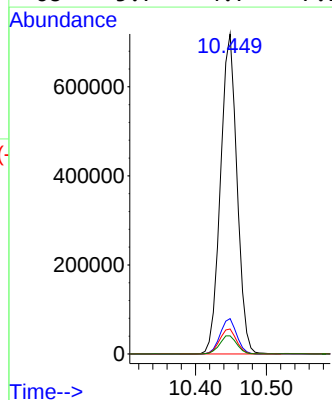
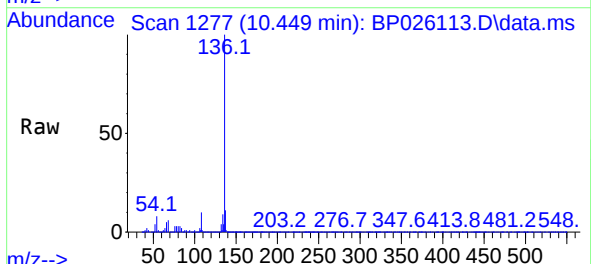
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BNA_P
ClientSampleId :
TP-4

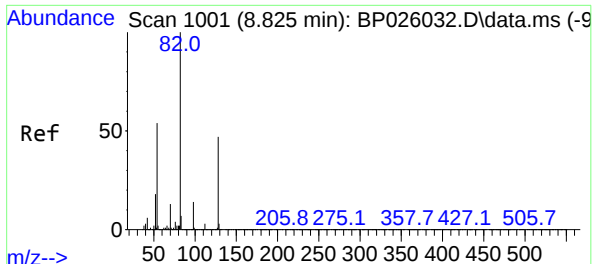
Tgt Ion: 99 Resp: 2759026
Ion Ratio Lower Upper
99 100
42 15.6 13.7 20.5
71 31.1 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. -0.005 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:136 Resp: 1154788
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 6.6 10.0
68 5.7 4.7 7.1

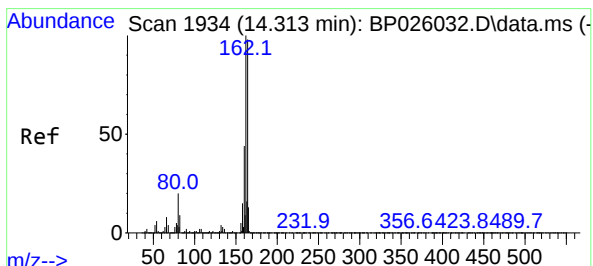
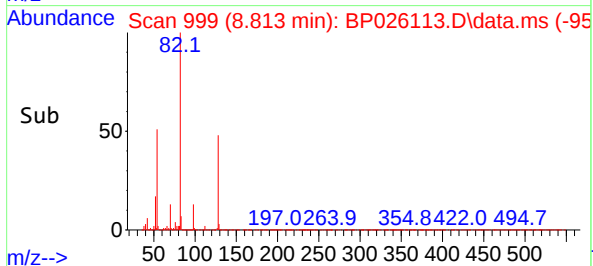
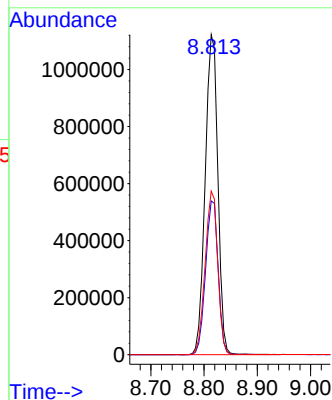
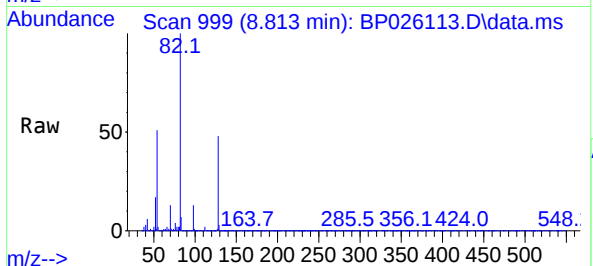




#23
Nitrobenzene-d5
Concen: 99.953 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.011 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

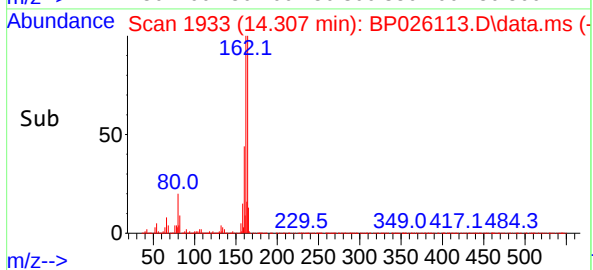
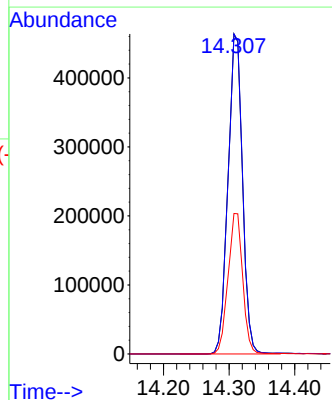
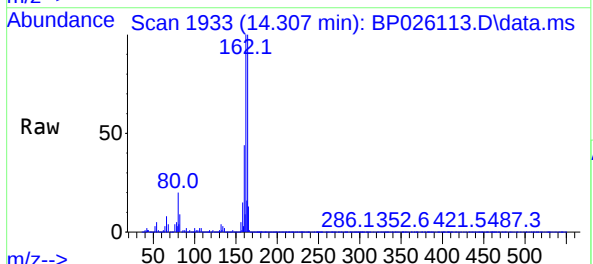
Instrument :
BNA_P
ClientSampleId :
TP-4

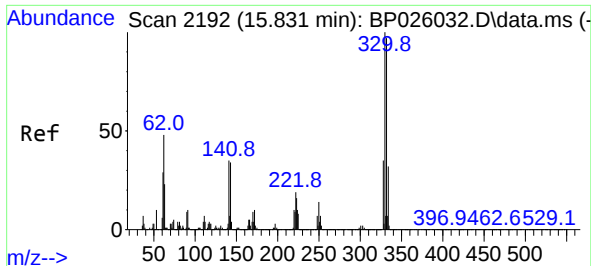
Tgt Ion: 82 Resp: 1851541
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.0
54 51.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:164 Resp: 708778
Ion Ratio Lower Upper
164 100
162 100.0 81.5 122.3
160 43.9 36.2 54.4

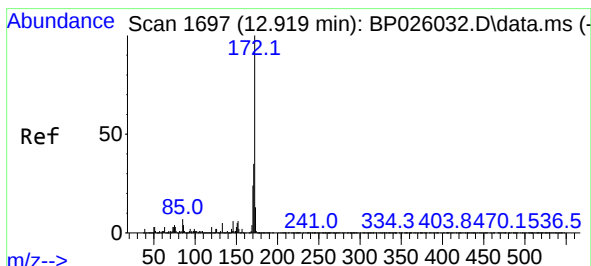
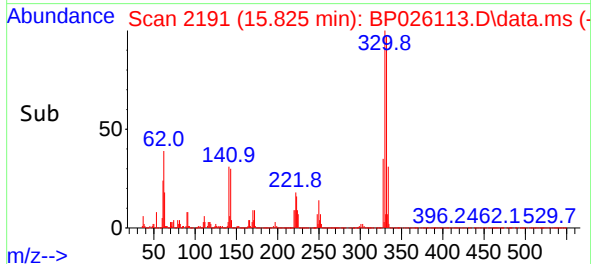
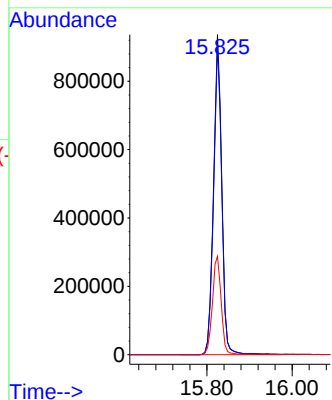
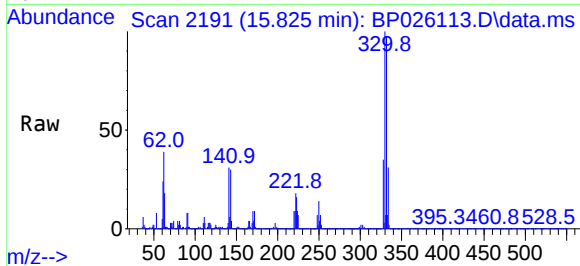




#42
2,4,6-Tribromophenol
Concen: 164.008 ng
RT: 15.825 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

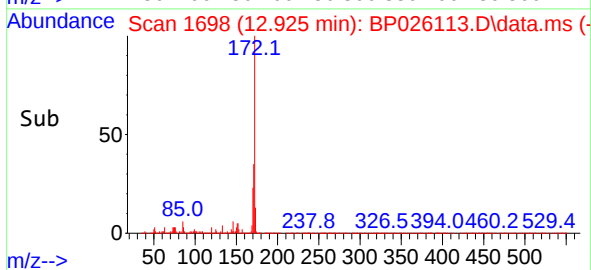
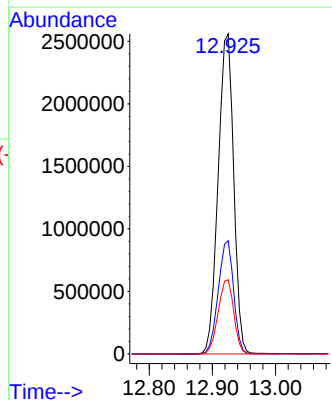
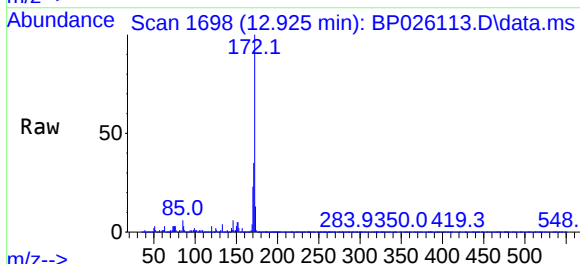
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ClientSampleId :
TP-4

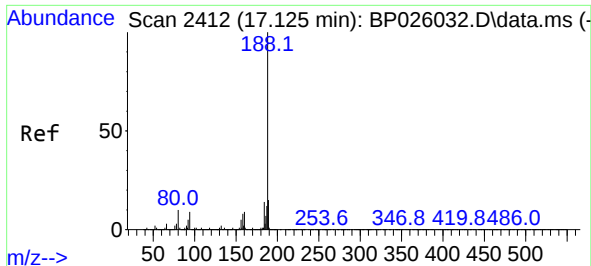
Tgt Ion:330 Resp: 1256727
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 32.8 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 88.885 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:172 Resp: 4384342
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.2 19.0 28.4

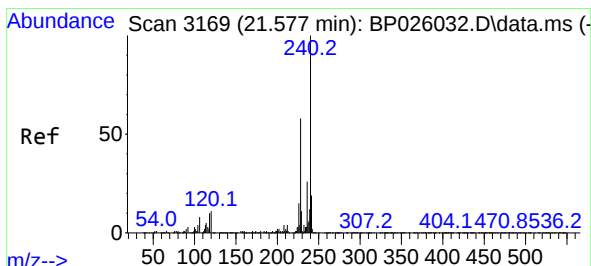
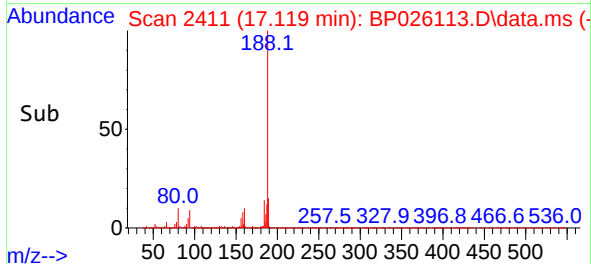
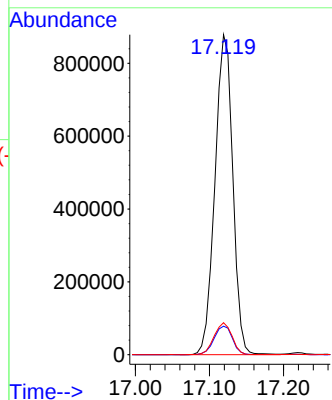
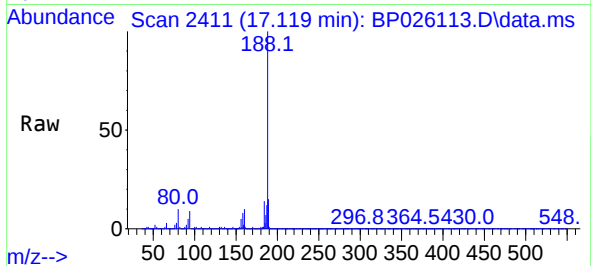




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

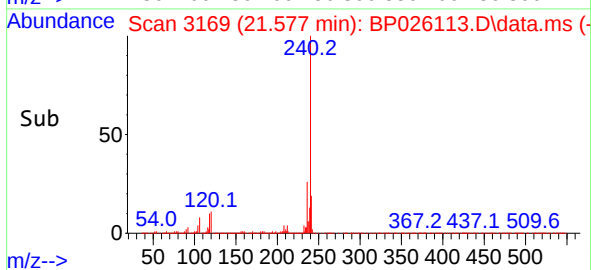
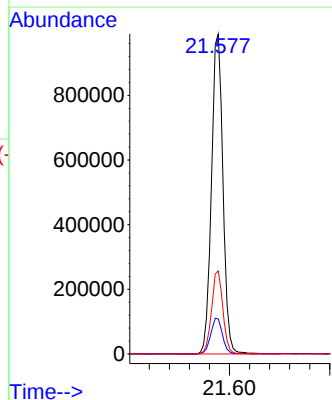
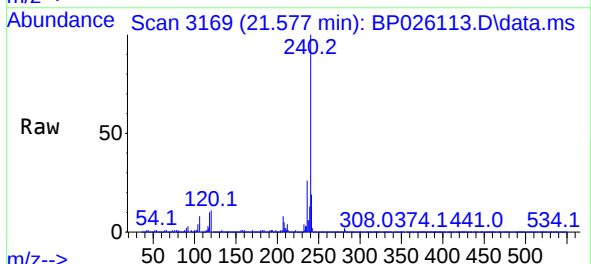
Instrument :
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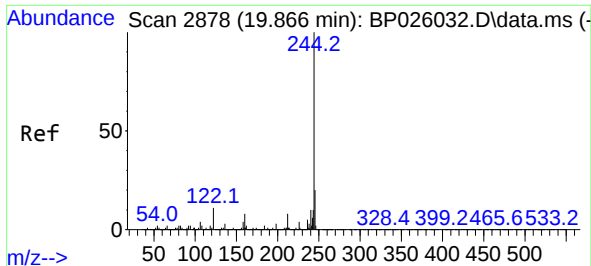
Tgt Ion:188 Resp: 1468712
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026113.D
Acq: 12 Nov 2025 15:13

Tgt Ion:240 Resp: 1571580
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 20.6 31.0

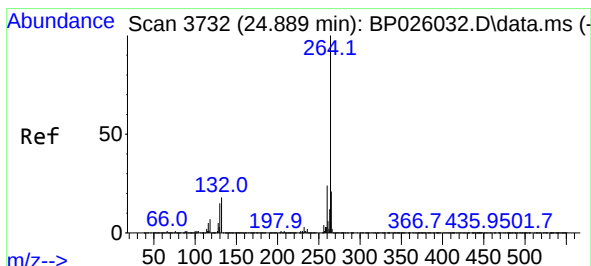
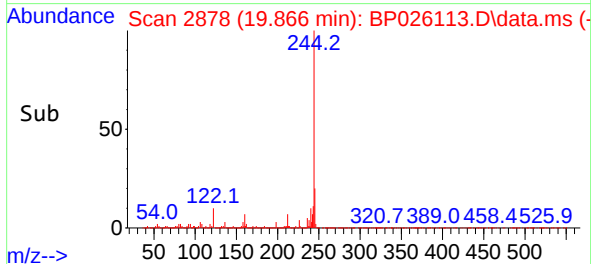
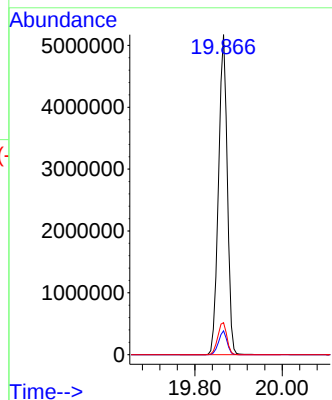
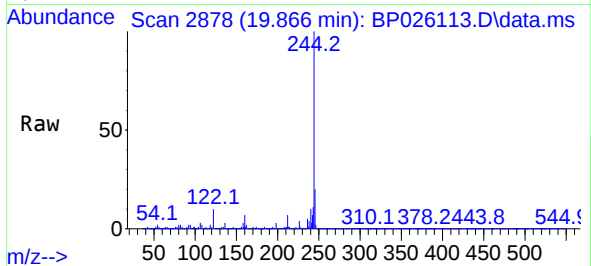




#79
 Terphenyl-d14
 Concen: 93.144 ng
 RT: 19.866 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026113.D
 Acq: 12 Nov 2025 15:13

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 7205018
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 10.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.907 min Scan# 3735
 Delta R.T. 0.024 min
 Lab File: BP026113.D
 Acq: 12 Nov 2025 15:13

Tgt Ion:264 Resp: 1630488
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 17.2 25.8

