

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026122.D
 Acq On : 12 Nov 2025 21:24
 Operator : RC/JU
 Sample : Q3597-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Nov 13 01:14:53 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	7.666	152	282198	20.000	ng	-0.02
21) Naphthalene-d8	10.437	136	1131444	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	716016	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1486816	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1624103	20.000	ng	0.00
86) Perylene-d12	24.895	264	1767033	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1591924	93.085	ng	0.00
7) Phenol-d6	6.849	99	1994991	91.651	ng	0.00
23) Nitrobenzene-d5	8.802	82	1151514	63.446	ng	-0.02
42) 2,4,6-Tribromophenol	15.831	330	837567	108.201	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2917506	58.549	ng	-0.01
79) Terphenyl-d14	19.860	244	4859830	60.794	ng	0.00

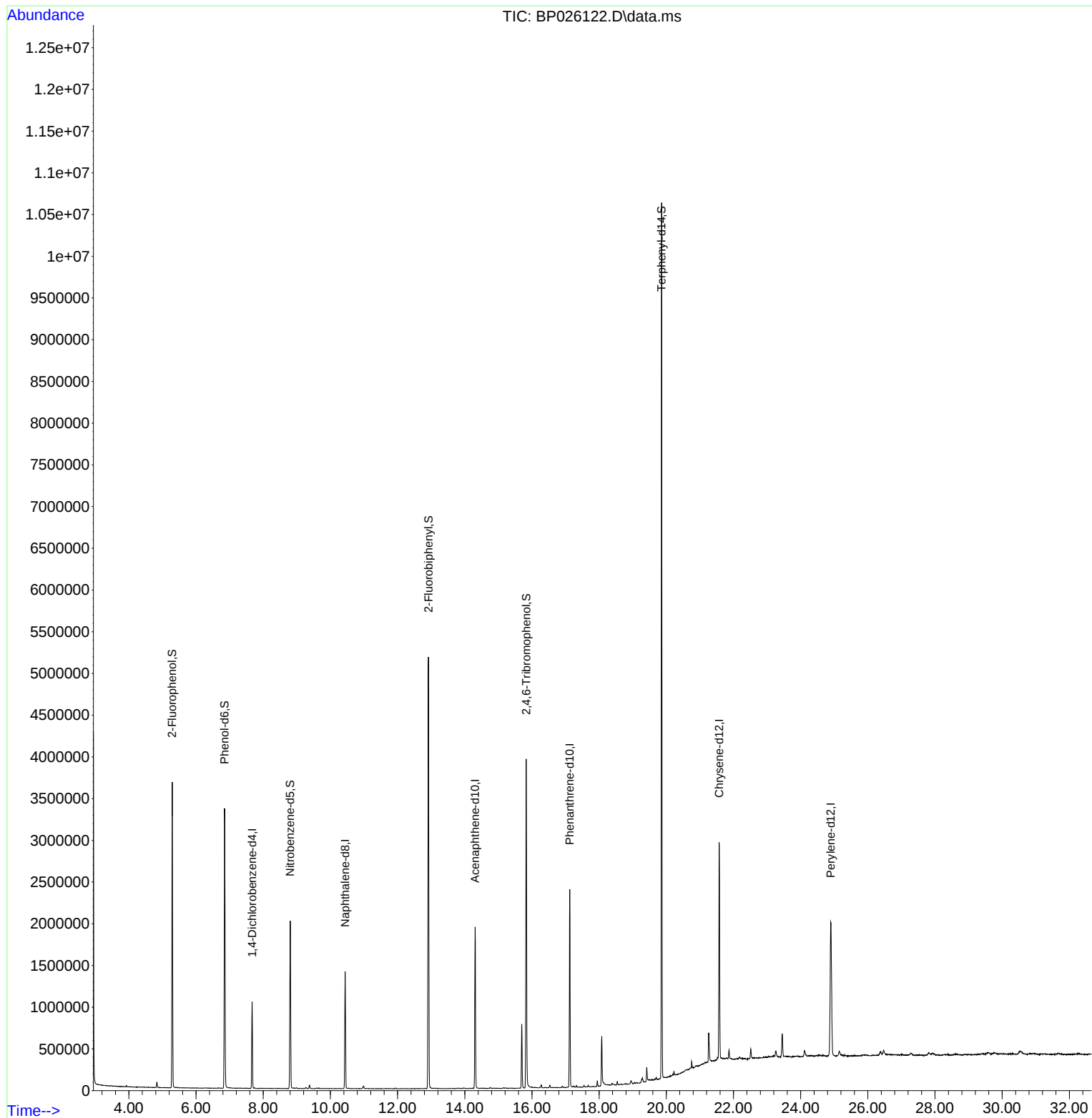
Target Compounds	Qvalue

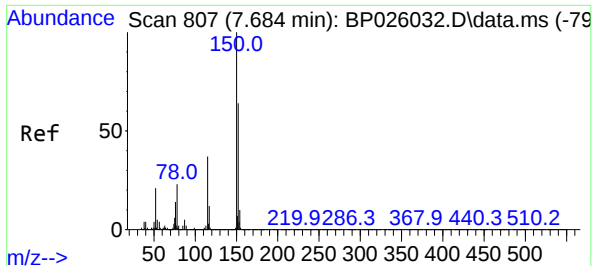
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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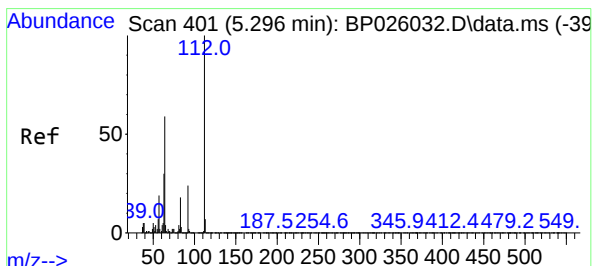
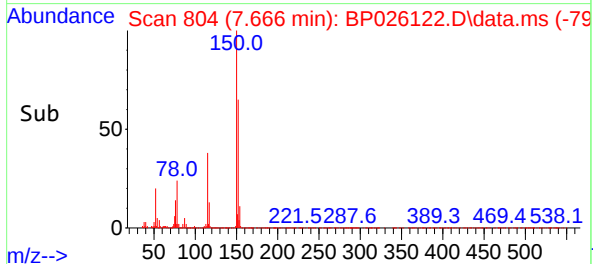
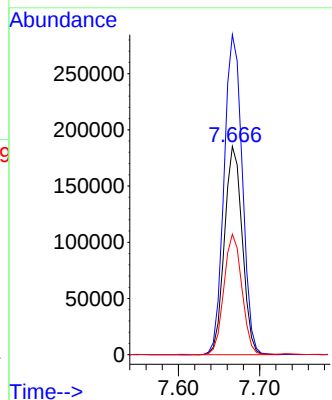
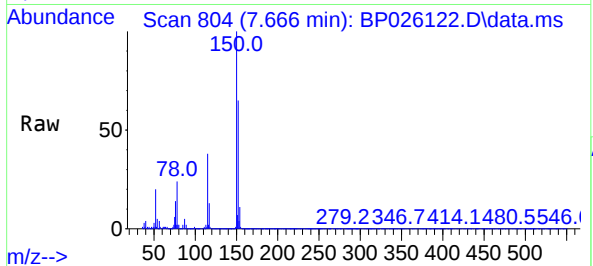




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.024 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

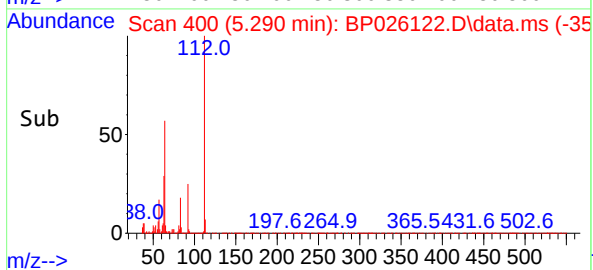
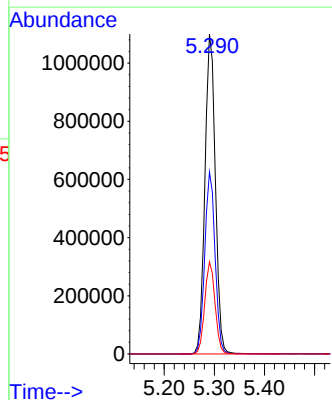
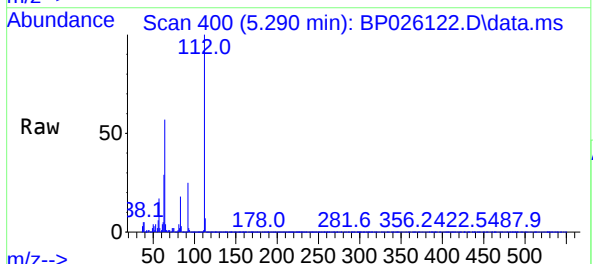
Instrument :
BNA_P
ClientSampleId :
TP-4

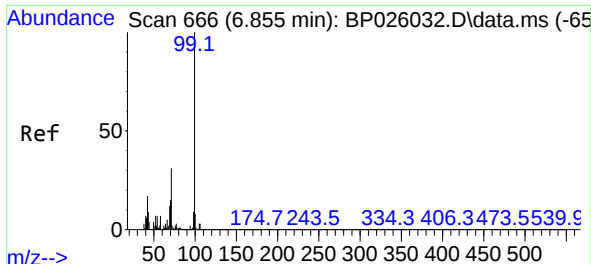
Tgt Ion:152 Resp: 282198
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 57.9 46.4 69.6



#5
2-Fluorophenol
Concen: 93.085 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:112 Resp: 1591924
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 28.8 24.2 36.4

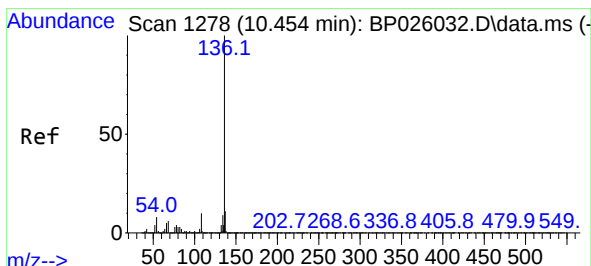
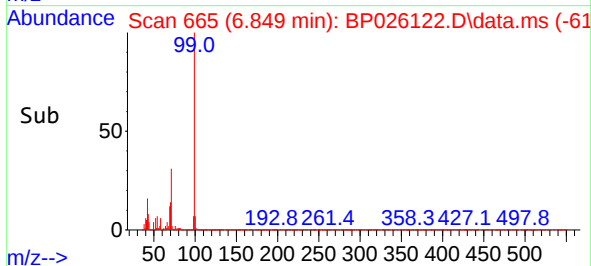
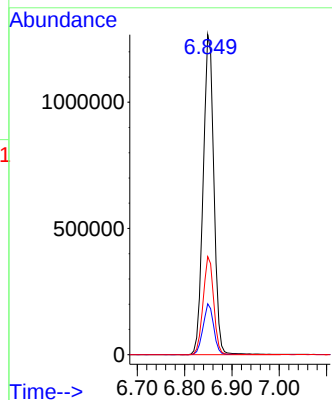
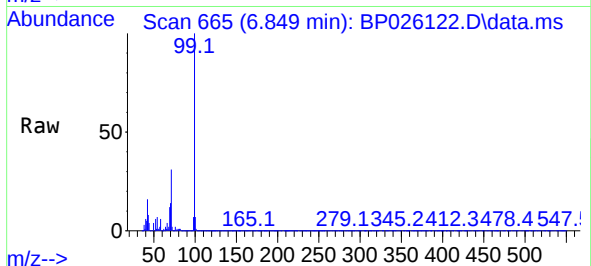




#7
Phenol-d6
Concen: 91.651 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

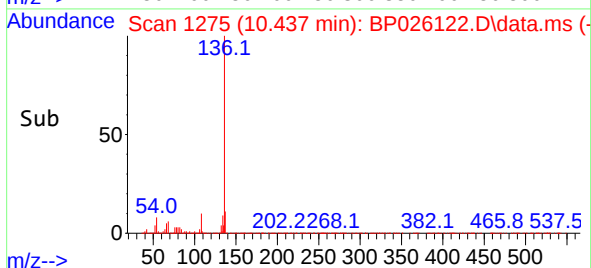
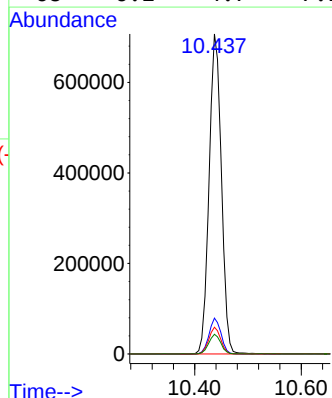
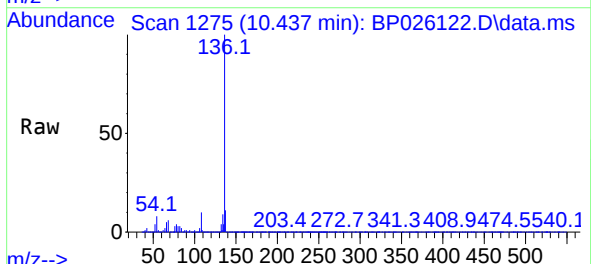
Instrument :
BNA_P
ClientSampleId :
TP-4

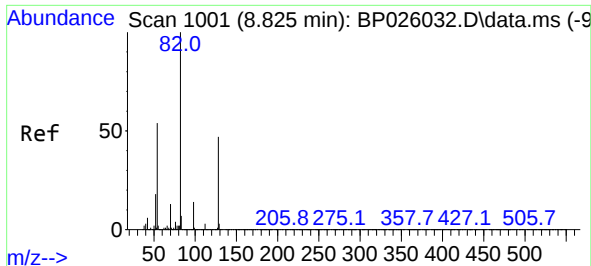
Tgt Ion: 99 Resp: 1994991
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 30.6 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:136 Resp: 1131444
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 6.6 10.0
68 6.2 4.7 7.1

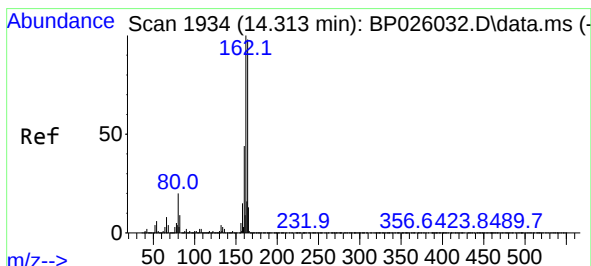
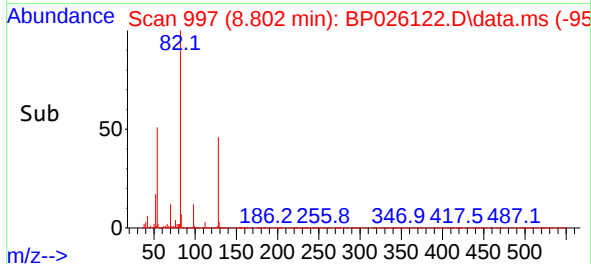
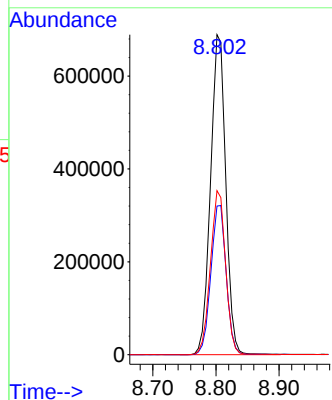
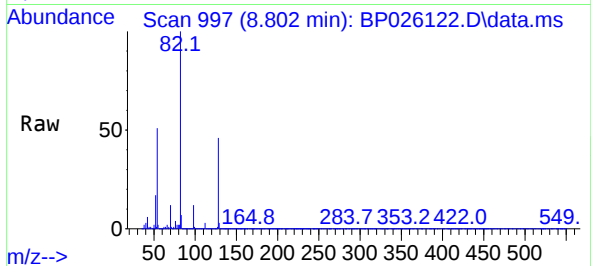




#23
Nitrobenzene-d5
Concen: 63.446 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.023 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

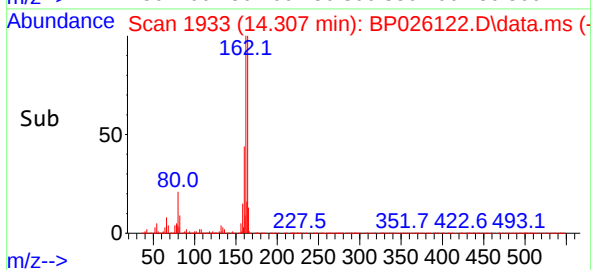
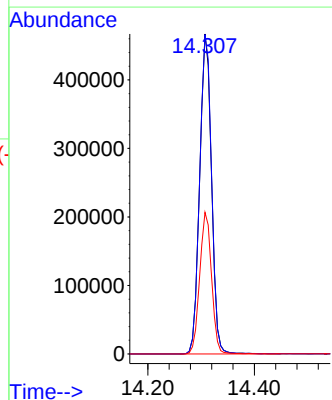
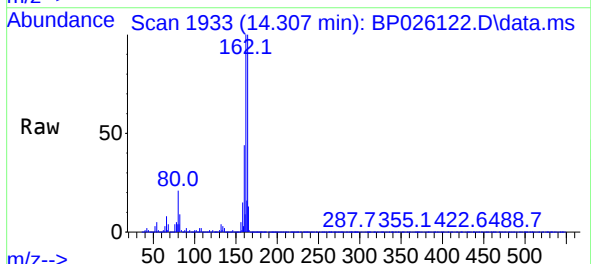
Instrument :
BNA_P
ClientSampleId :
TP-4

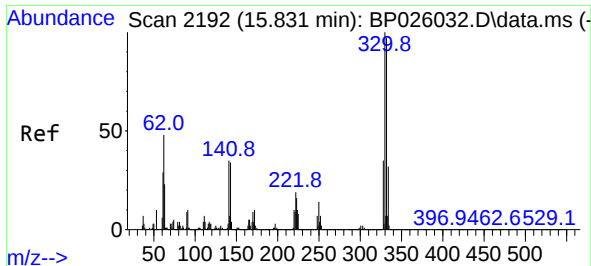
Tgt Ion: 82 Resp: 1151514
Ion Ratio Lower Upper
82 100
128 46.5 37.4 56.0
54 51.2 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion: 164 Resp: 716016
Ion Ratio Lower Upper
164 100
162 99.8 81.5 122.3
160 44.3 36.2 54.4

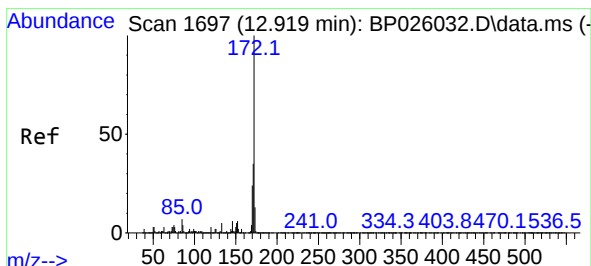
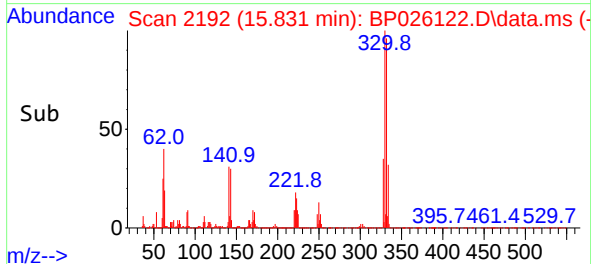
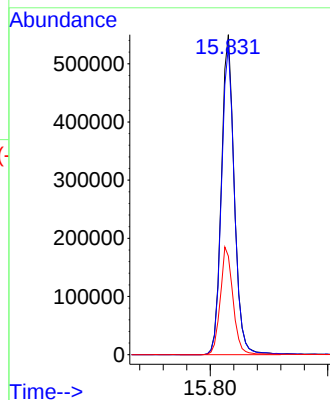
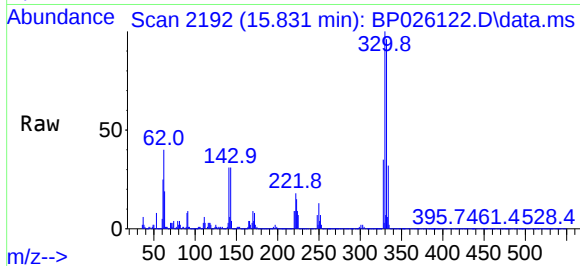




#42
2,4,6-Tribromophenol
Concen: 108.201 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

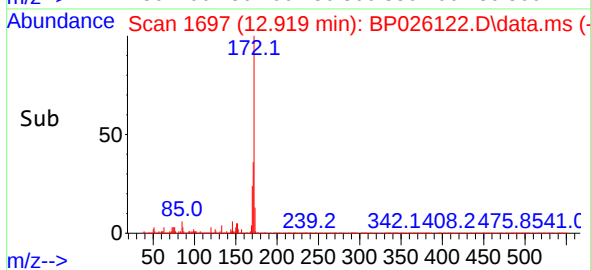
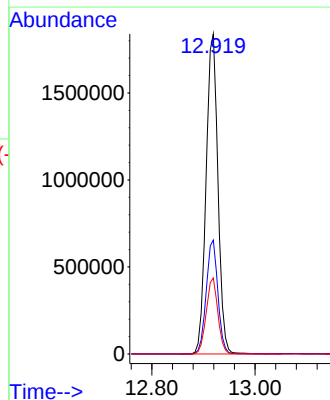
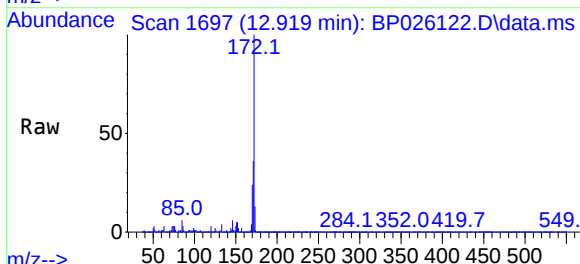
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TP-4

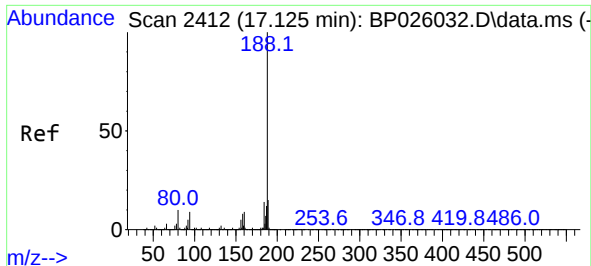
Tgt Ion:330 Resp: 837567
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.2 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 58.549 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:172 Resp: 2917506
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.8 19.0 28.4

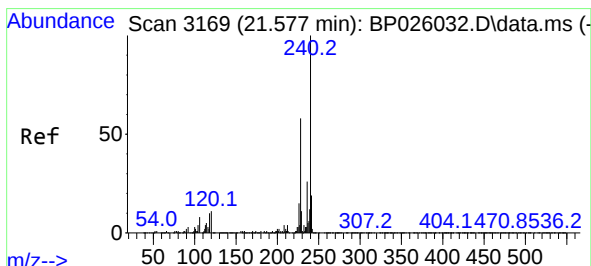
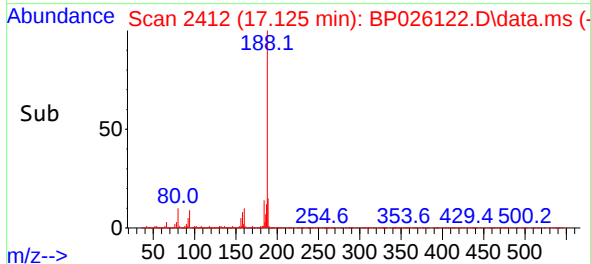
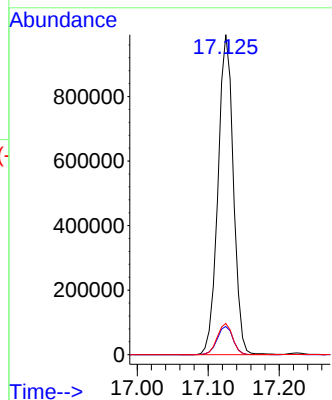
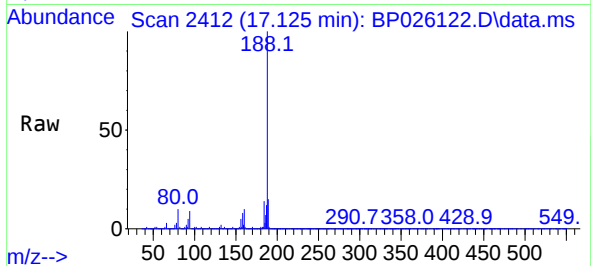




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

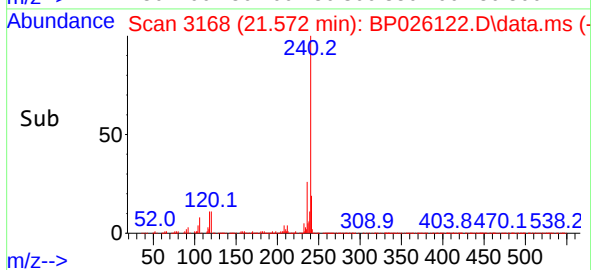
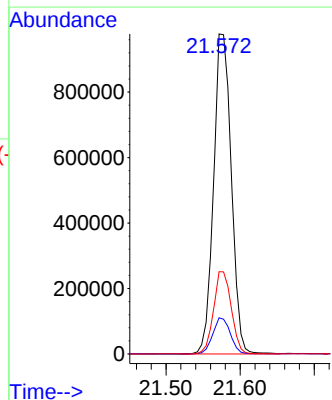
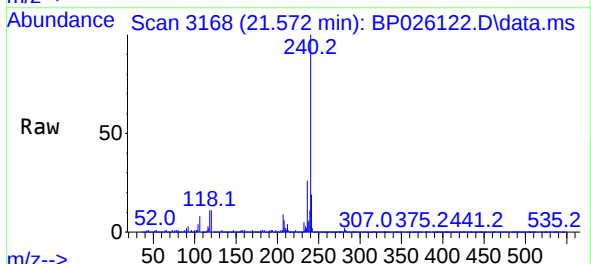
Instrument :
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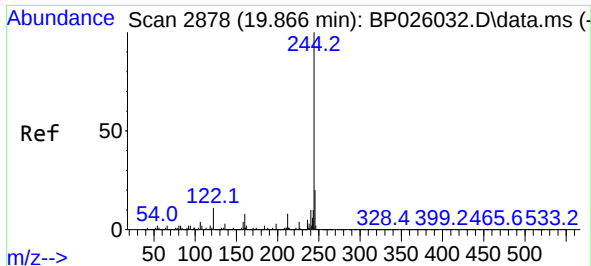
Tgt Ion:188 Resp: 1486816
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:240 Resp: 1624103
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.7 20.6 31.0

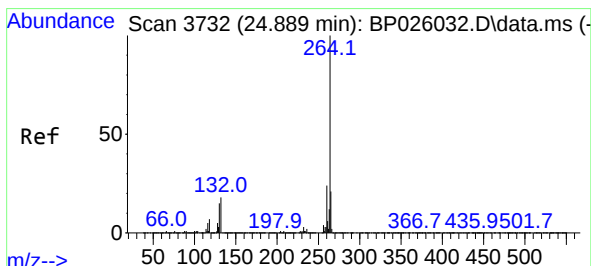
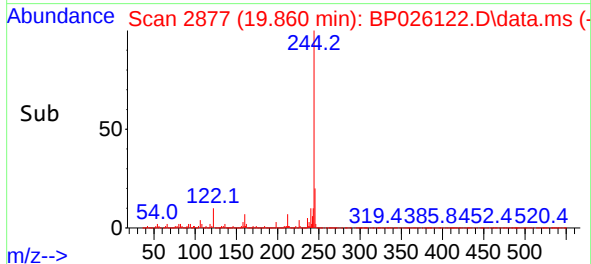
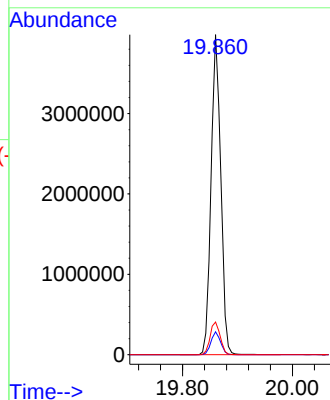
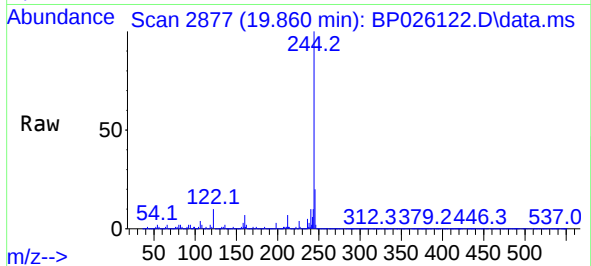




#79
Terphenyl-d14
Concen: 60.794 ng
RT: 19.860 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 4859830
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.2 9.0 13.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. 0.012 min
Lab File: BP026122.D
Acq: 12 Nov 2025 21:24

Tgt Ion:264 Resp: 1767033
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.9 17.2 25.8

