

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
 Data File : BP026040.D
 Acq On : 30 Oct 2025 11:56
 Operator : RC/JU
 Sample : PB170294BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170294BL

Quant Time: Oct 30 12:42:39 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	7.684	152	333617	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1258393	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	726038	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1373051	20.000	ng	0.01
76) Chrysene-d12	21.583	240	1373020	20.000	ng	0.02
86) Perylene-d12	24.912	264	1503216	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	2716940	134.382	ng	0.00
7) Phenol-d6	6.855	99	3276054	127.307	ng	0.00
23) Nitrobenzene-d5	8.819	82	1875729	92.922	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	990935	126.247	ng	0.01
45) 2-Fluorobiphenyl	12.931	172	4633673	91.706	ng	0.00
79) Terphenyl-d14	19.877	244	6254188	92.544	ng	0.01

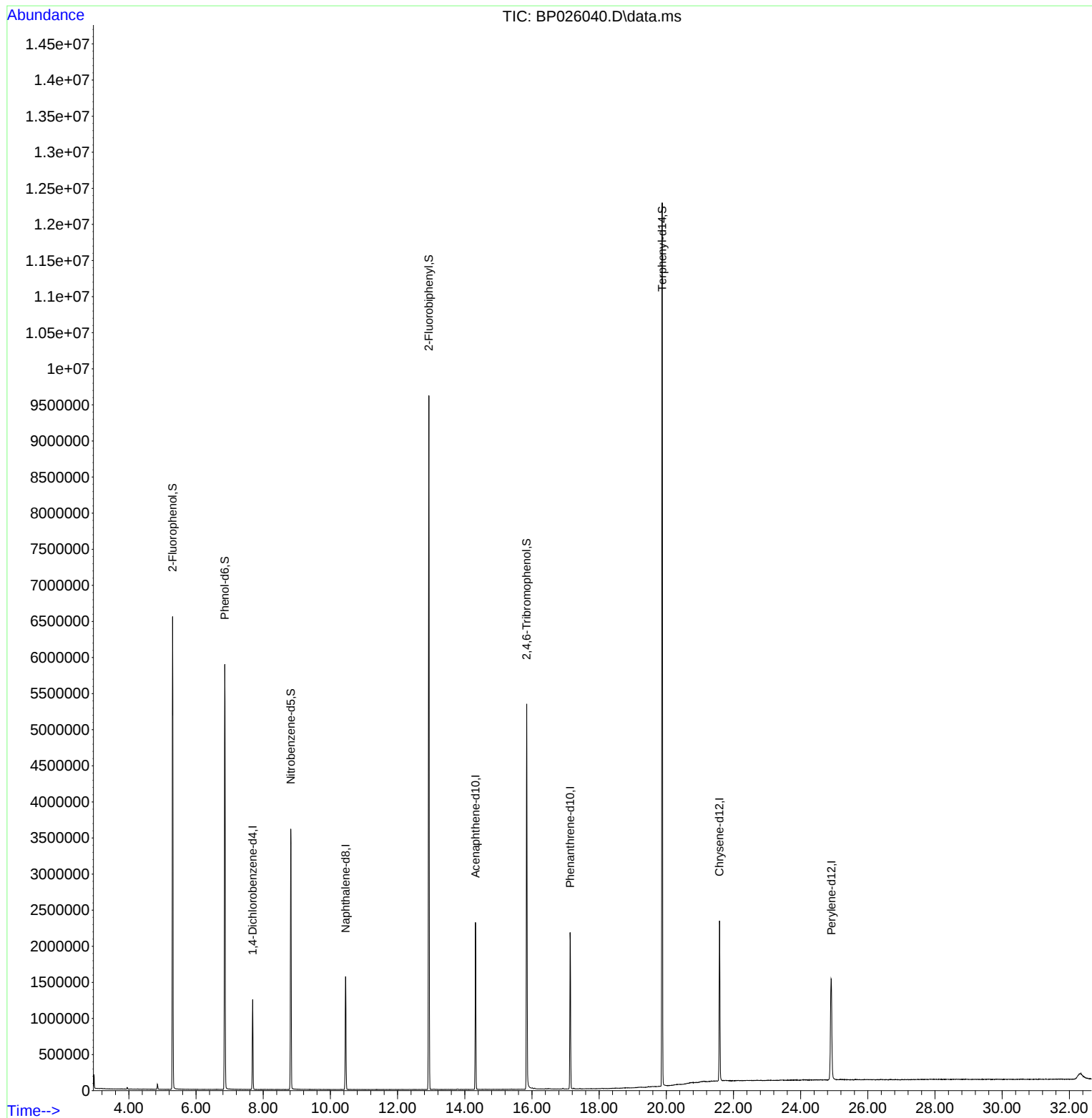
Target Compounds	Qvalue

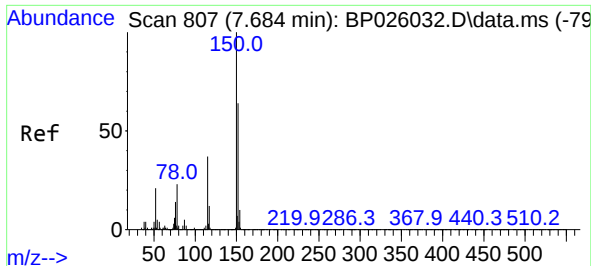
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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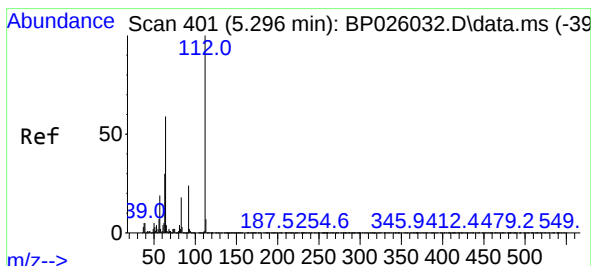
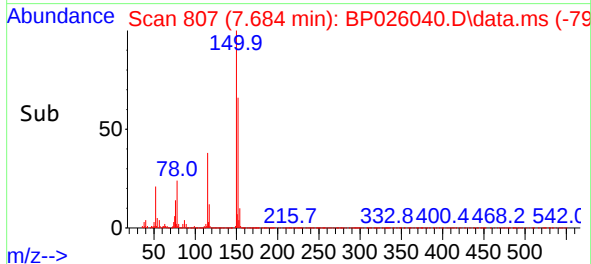
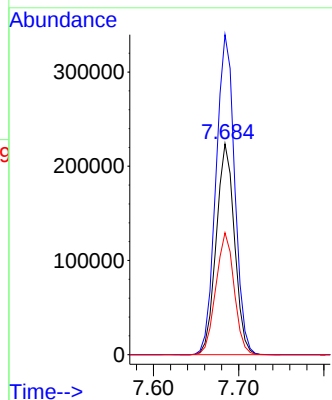
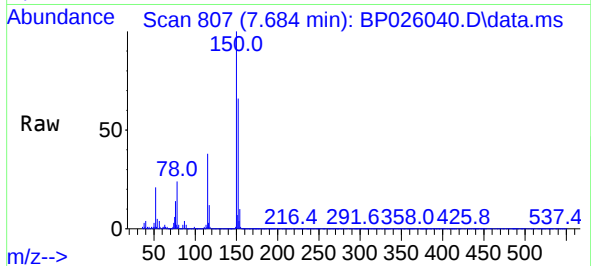




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 807
Delta R.T. -0.006 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

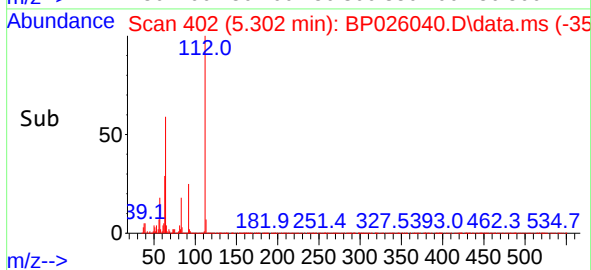
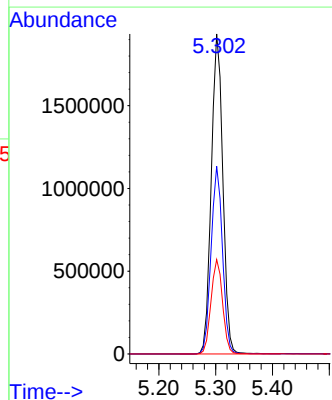
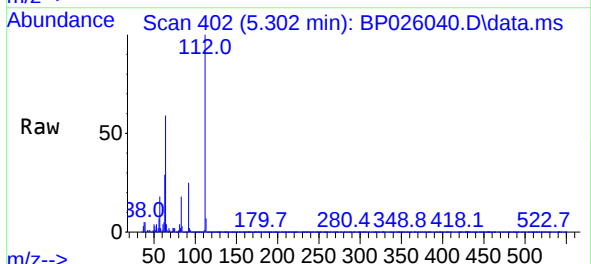
Instrument :
BNA_P
ClientSampleId :
PB170294BL

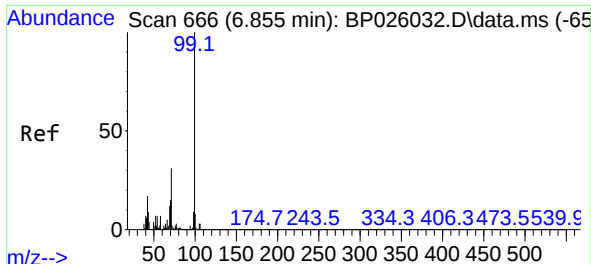
Tgt Ion:152 Resp: 333617
Ion Ratio Lower Upper
152 100
150 151.8 125.7 188.5
115 57.8 46.4 69.6



#5
2-Fluorophenol
Concen: 134.382 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Tgt Ion:112 Resp: 2716940
Ion Ratio Lower Upper
112 100
64 58.6 47.4 71.2
63 29.5 24.2 36.4



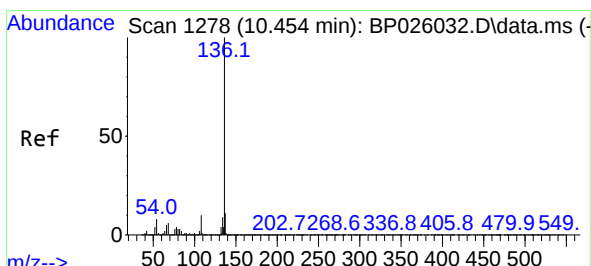
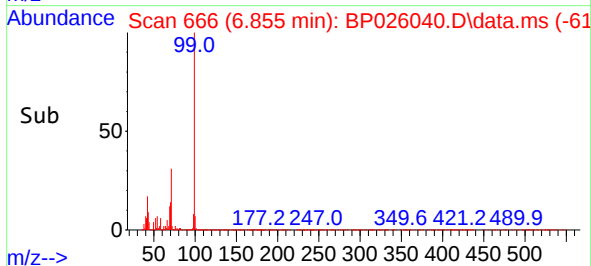
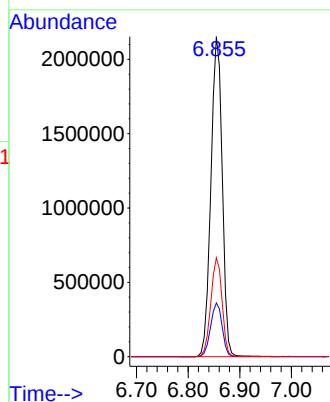
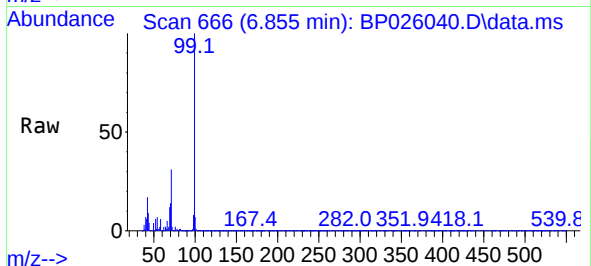


#7
Phenol-d6
Concen: 127.307 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Instrument :
BNA_P
ClientSampleId :
PB170294BL

Tgt Ion: 99 Resp: 3276054

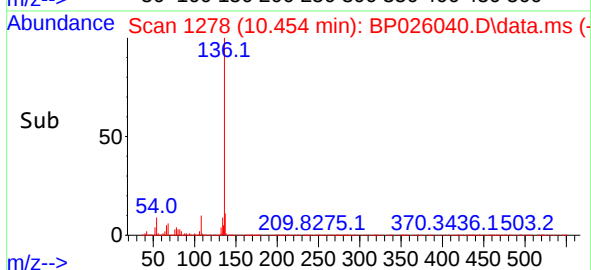
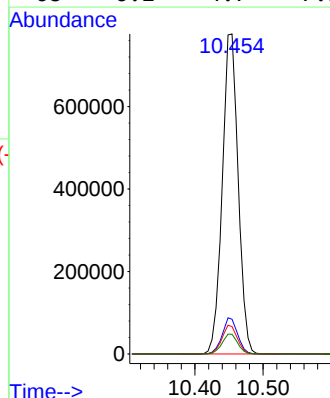
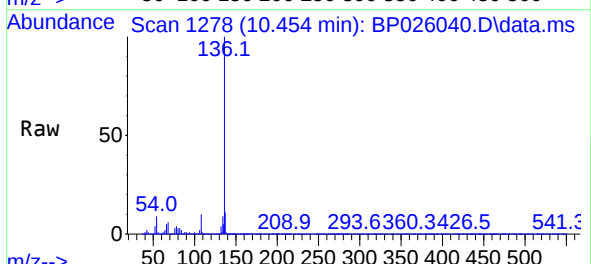
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.9	24.4	36.6

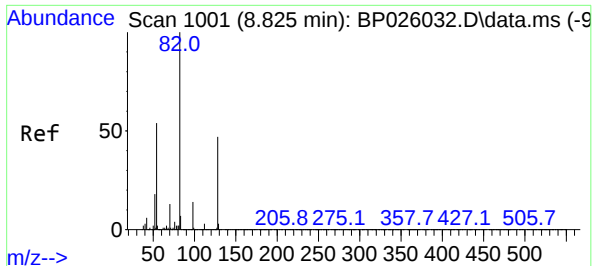


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Tgt Ion:136 Resp: 1258393

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.5	6.6	10.0
68	6.2	4.7	7.1

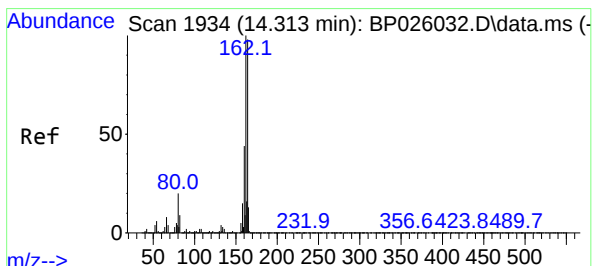
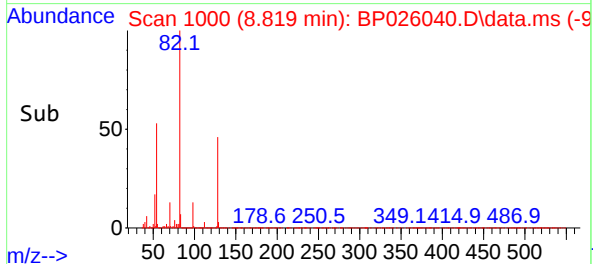
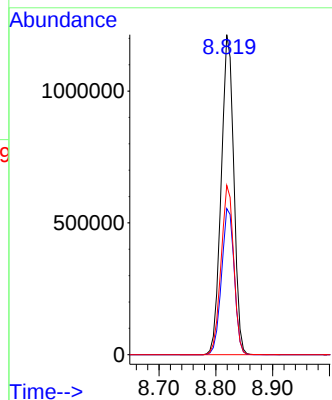
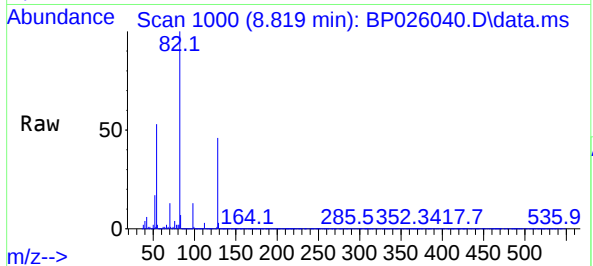




#23
Nitrobenzene-d5
Concen: 92.922 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

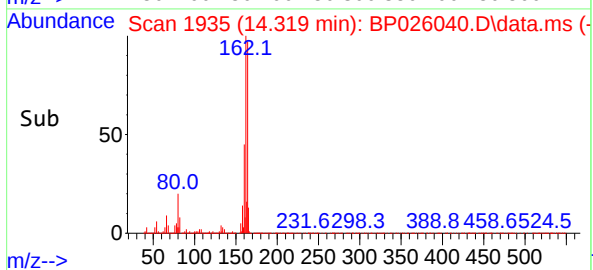
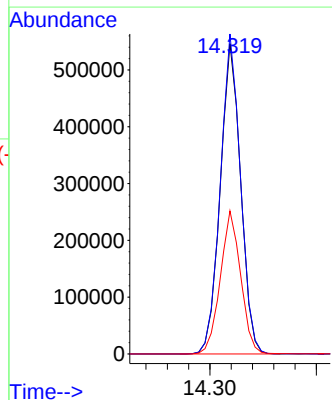
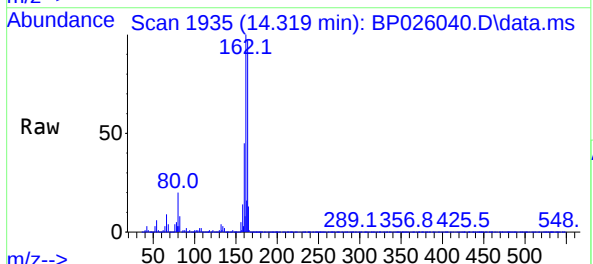
Instrument :
BNA_P
ClientSampleId :
PB170294BL

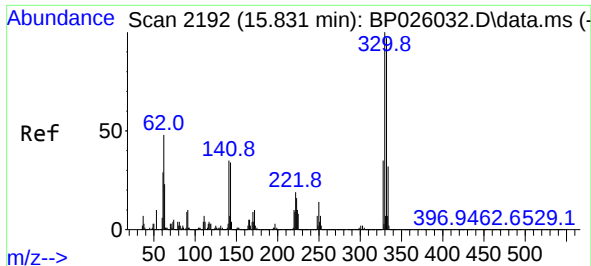
Tgt Ion: 82 Resp: 1875729
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.0
54 52.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Tgt Ion: 164 Resp: 726038
Ion Ratio Lower Upper
164 100
162 103.1 81.5 122.3
160 46.1 36.2 54.4

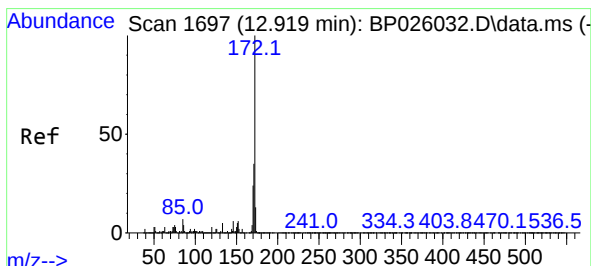
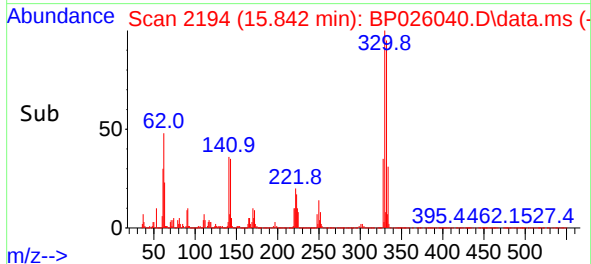
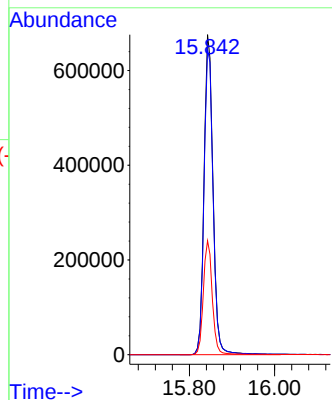
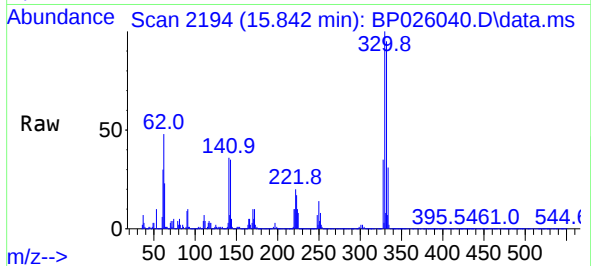




#42
2,4,6-Tribromophenol
Concen: 126.247 ng
RT: 15.842 min Scan# 2192
Delta R.T. 0.012 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

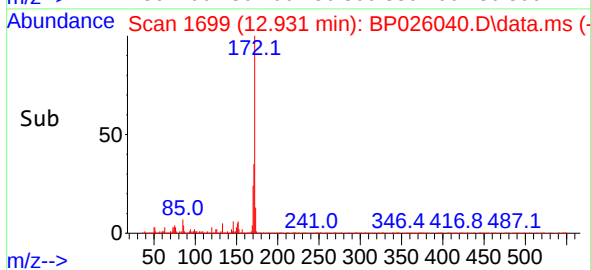
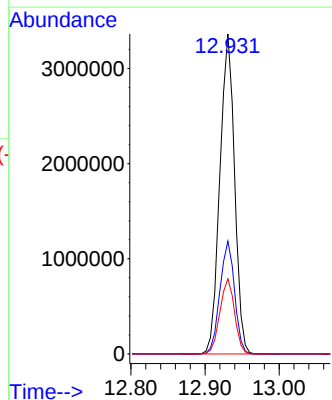
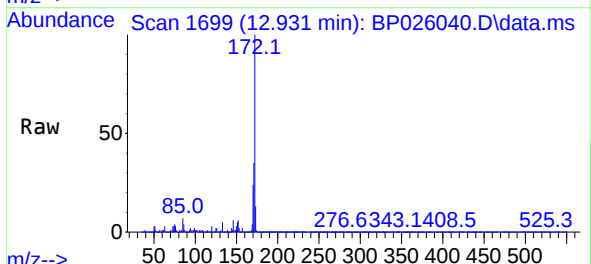
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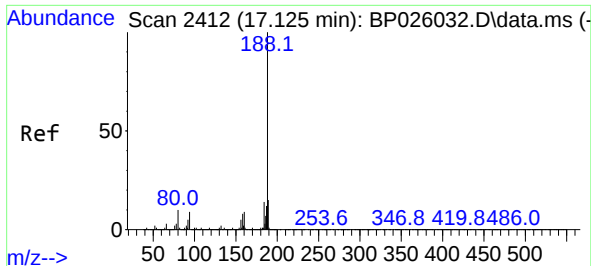
Tgt Ion:330 Resp: 990935
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 35.4 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 91.706 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Tgt Ion:172 Resp: 4633673
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 19.0 28.4

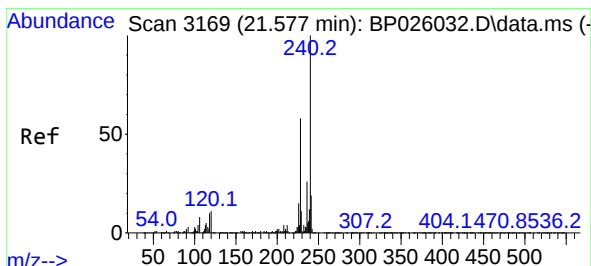
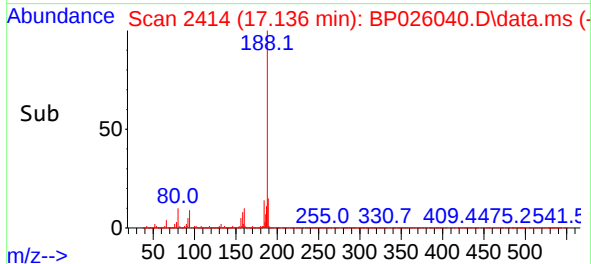
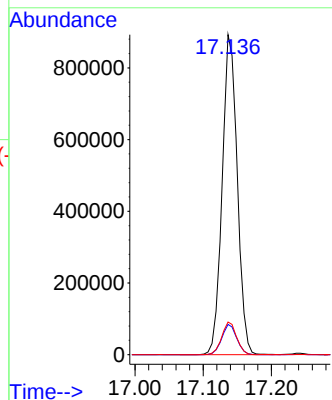
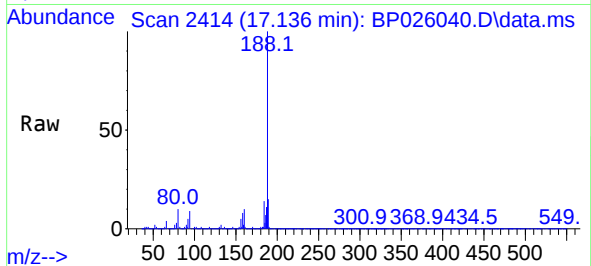




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2412
Delta R.T. 0.012 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

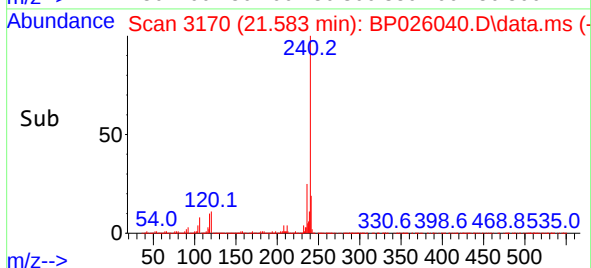
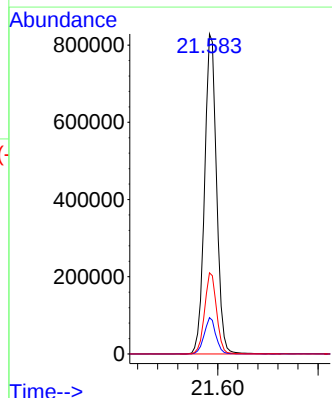
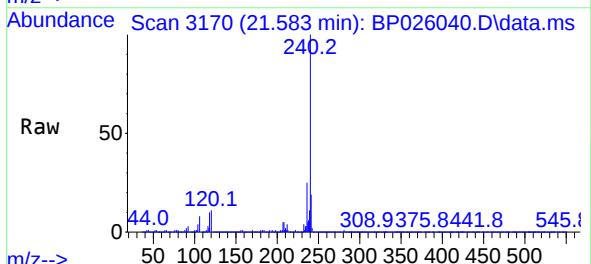
Instrument :
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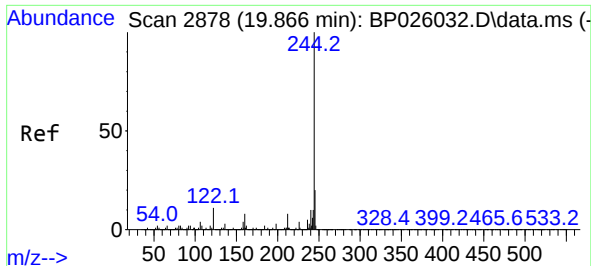
Tgt Ion:188 Resp: 1373051
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026040.D
Acq: 30 Oct 2025 11:56

Tgt Ion:240 Resp: 1373020
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.4 20.6 31.0

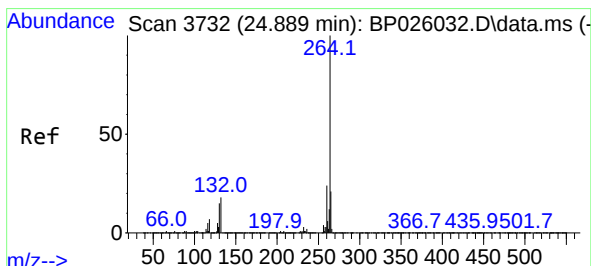
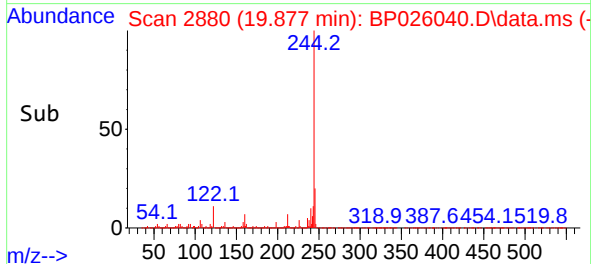
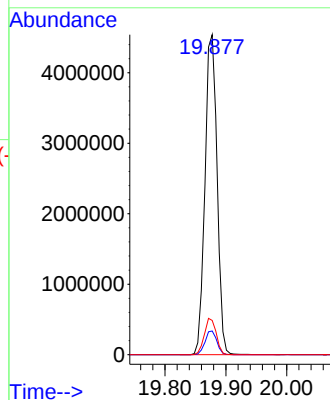
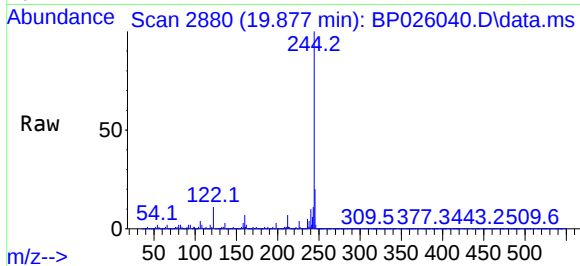




#79
 Terphenyl-d14
 Concen: 92.544 ng
 RT: 19.877 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP026040.D
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Instrument :
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 ClientSampleId :
 PB170294BL

Tgt Ion:244 Resp: 6254188
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.912 min Scan# 3736
 Delta R.T. 0.030 min
 Lab File: BP026040.D
 Acq: 30 Oct 2025 11:56

Tgt Ion:264 Resp: 1503216
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.7 17.2 25.8

