

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026208.D
 Acq On : 02 Dec 2025 15:12
 Operator : RC/JU
 Sample : PB170782BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BL

Quant Time: Dec 02 15:36:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	532560	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	2071661	20.000	ng	-0.02
39) Acenaphthene-d10	14.295	164	1317697	20.000	ng	-0.03
64) Phenanthrene-d10	17.107	188	2698264	20.000	ng	-0.02
76) Chrysene-d12	21.548	240	2878972	20.000	ng	-0.02
86) Perylene-d12	24.860	264	3296003	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1899010	57.234	ng	0.00
7) Phenol-d6	6.843	99	2264823	53.618	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1353210	37.103	ng	-0.01
42) 2,4,6-Tribromophenol	15.813	330	988362	57.820	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	3421834	38.059	ng	-0.03
79) Terphenyl-d14	19.848	244	5687925	40.285	ng	-0.02

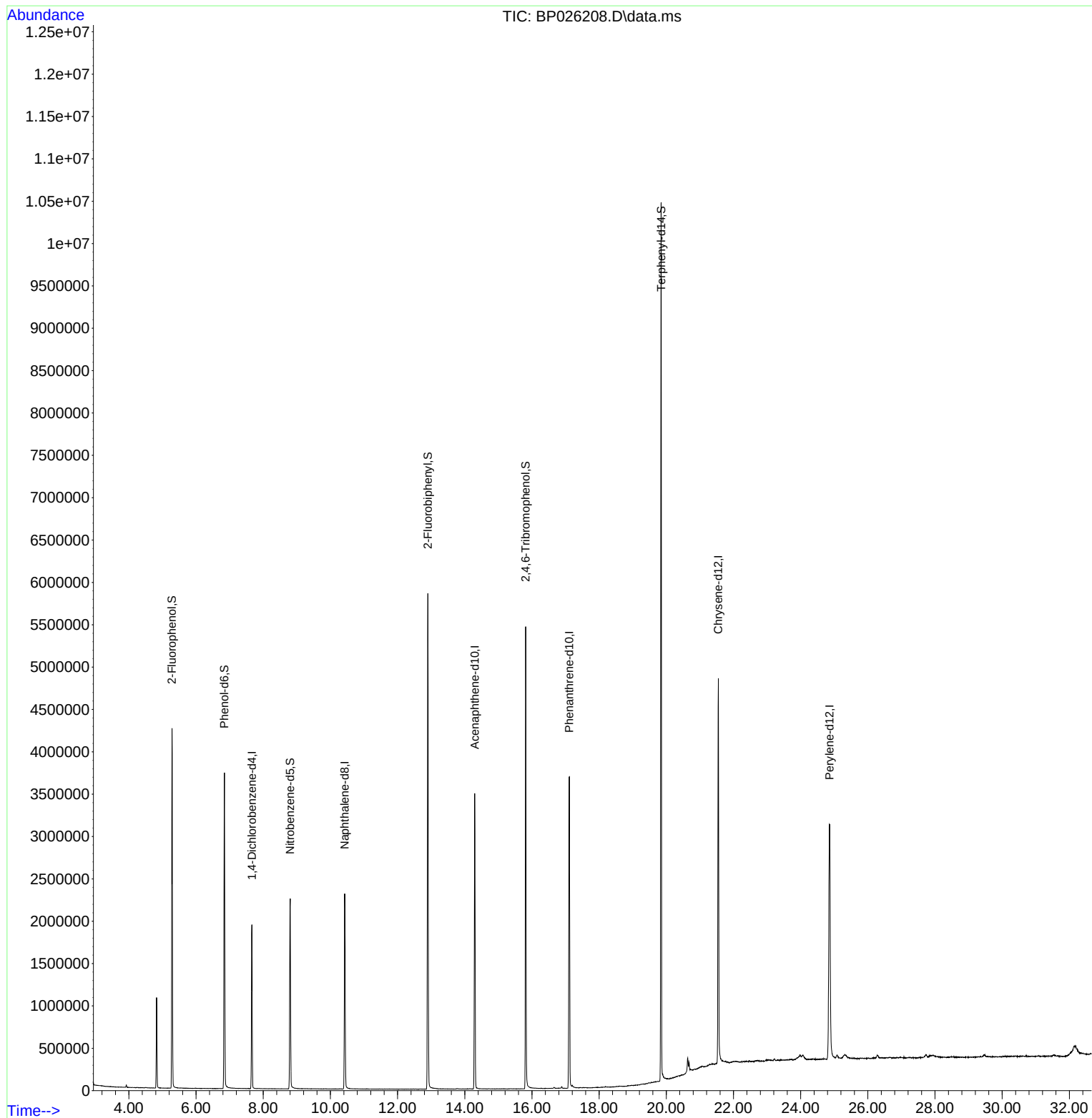
Target Compounds	Qvalue

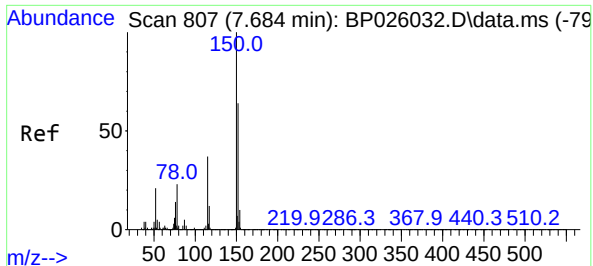
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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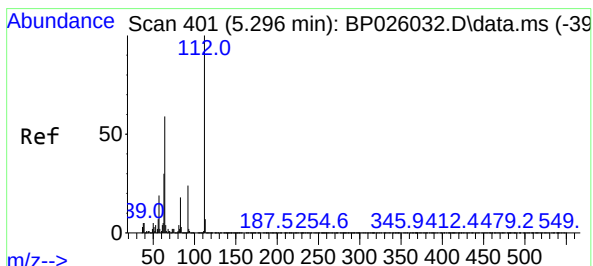
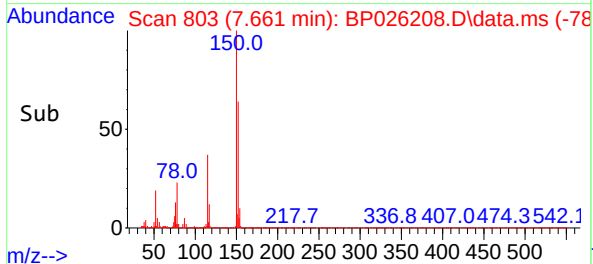
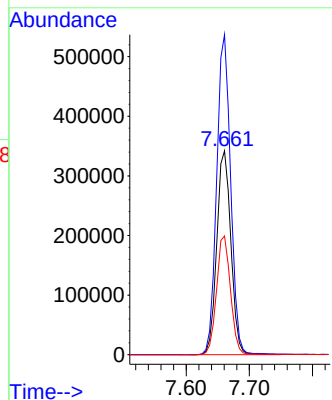
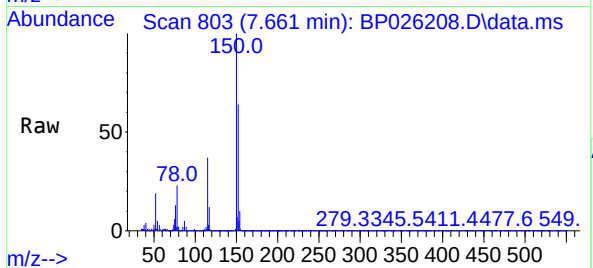




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.661 min Scan# 80
Delta R.T. -0.011 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

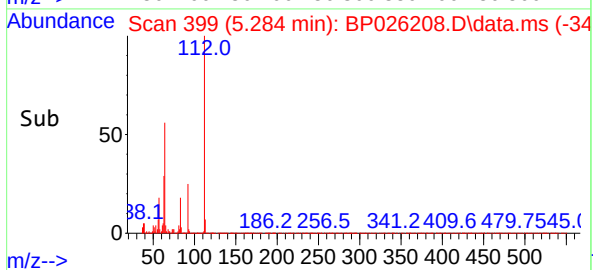
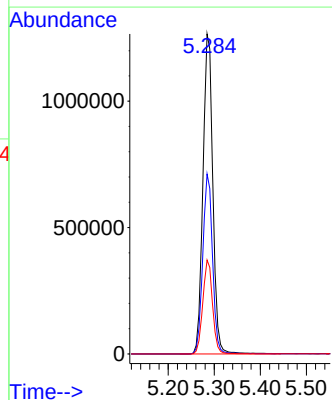
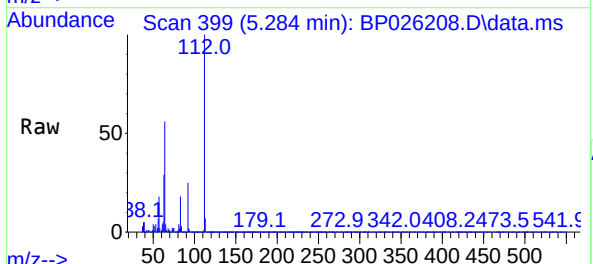
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BNA_P
ClientSampleId :
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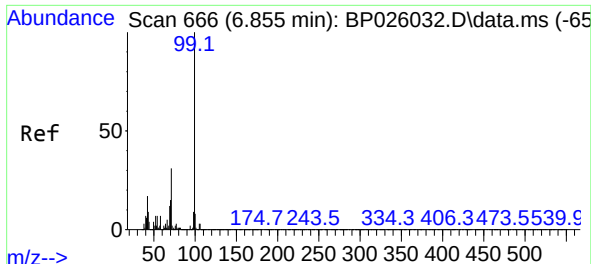
Tgt Ion:152 Resp: 532560
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 58.3 46.3 69.5



#5
2-Fluorophenol
Concen: 57.234 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

Tgt Ion:112 Resp: 1899010
Ion Ratio Lower Upper
112 100
64 56.3 45.8 68.6
63 29.4 23.5 35.3

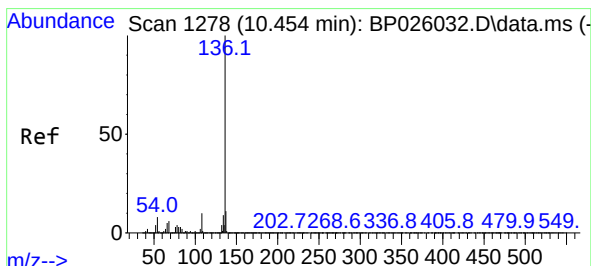
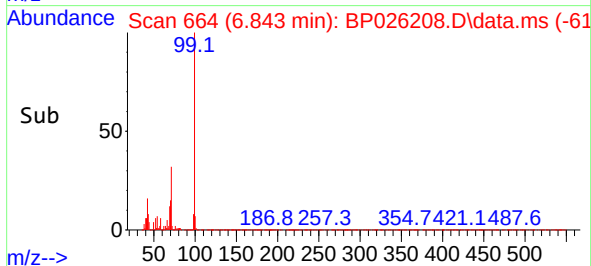
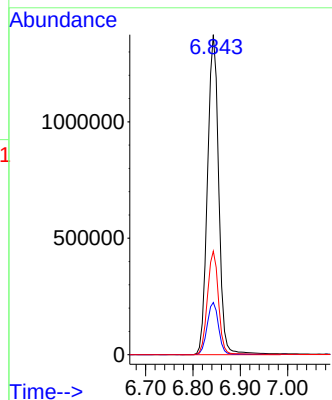
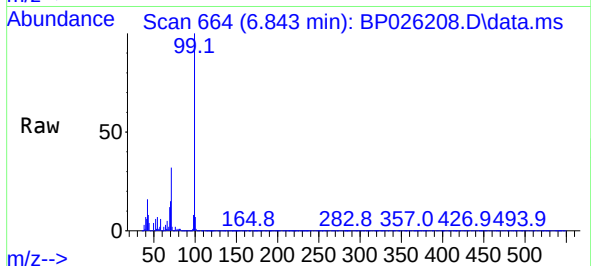




#7
Phenol-d6
Concen: 53.618 ng
RT: 6.843 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

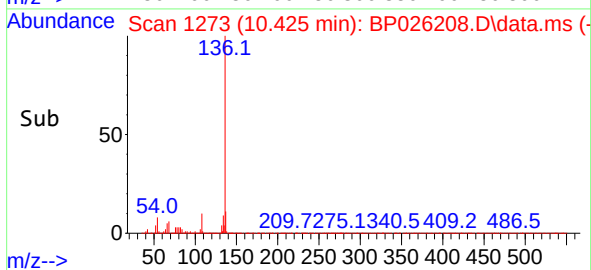
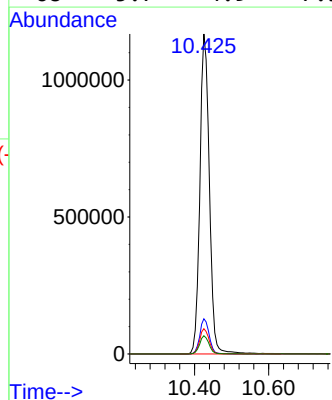
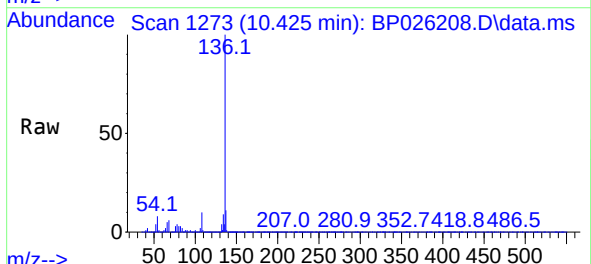
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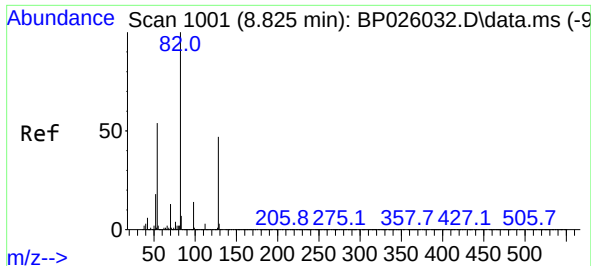
Tgt Ion: 99 Resp: 2264823
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.3 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

Tgt Ion:136 Resp: 2071661
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.9 6.4 9.6
68 5.7 4.9 7.3

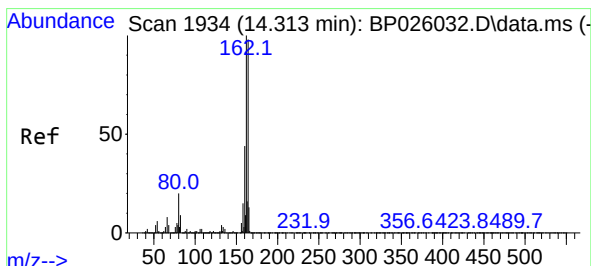
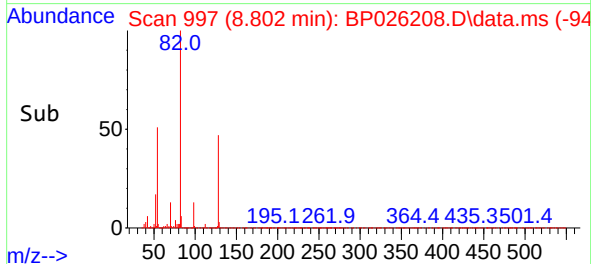
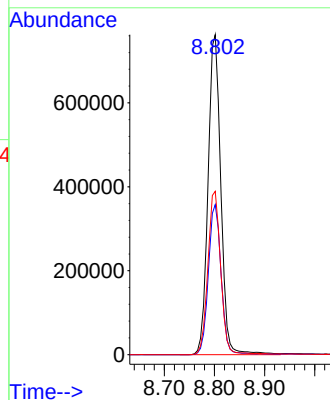
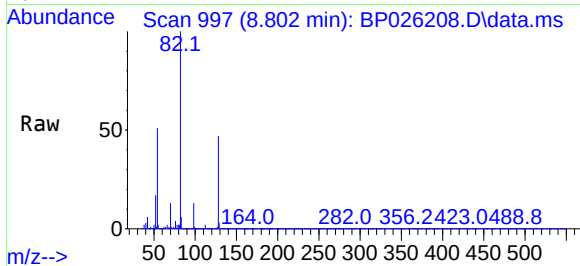




#23
Nitrobenzene-d5
Concen: 37.103 ng
RT: 8.802 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

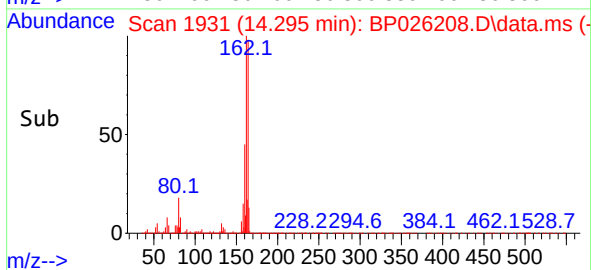
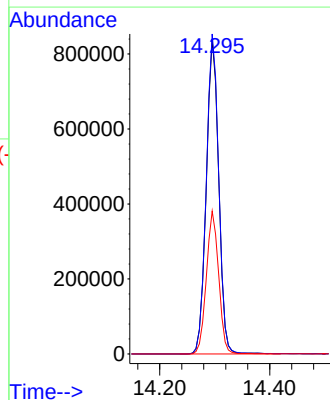
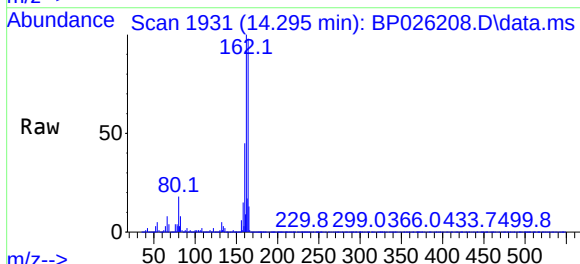
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ClientSampleId :
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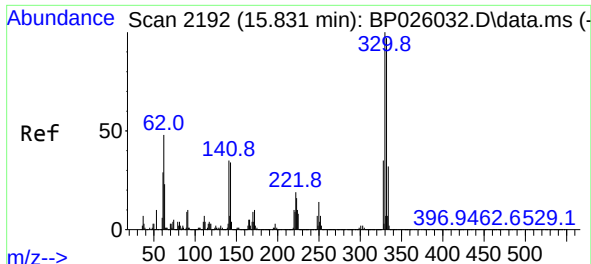
Tgt Ion: 82 Resp: 1353210
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.0 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.029 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

Tgt Ion:164 Resp: 1317697
Ion Ratio Lower Upper
164 100
162 101.7 80.3 120.5
160 45.4 35.2 52.8

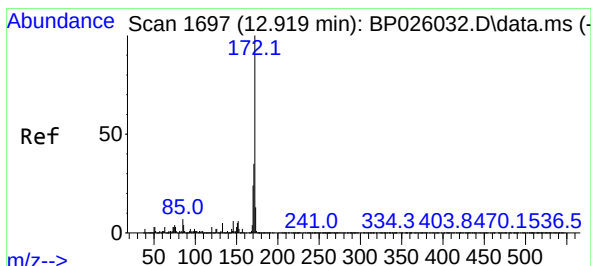
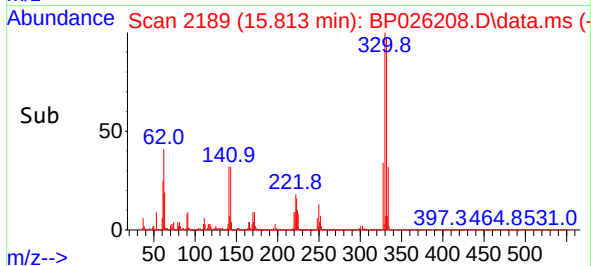
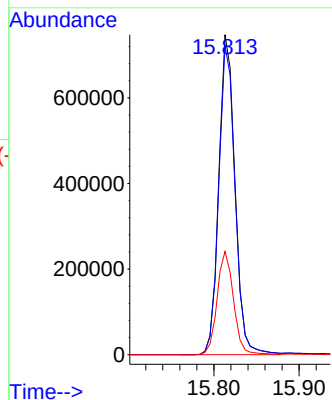
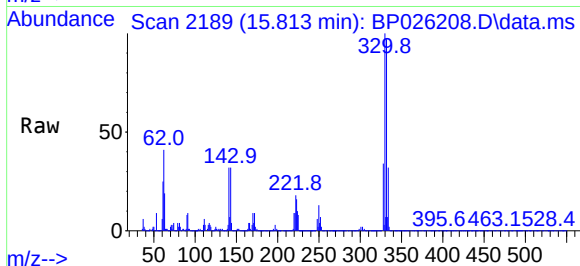




#42
2,4,6-Tribromophenol
Concen: 57.820 ng
RT: 15.813 min Scan# 2192
Delta R.T. -0.023 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

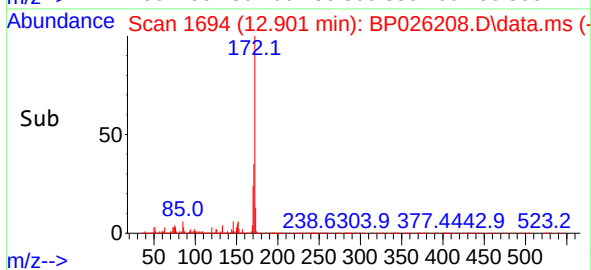
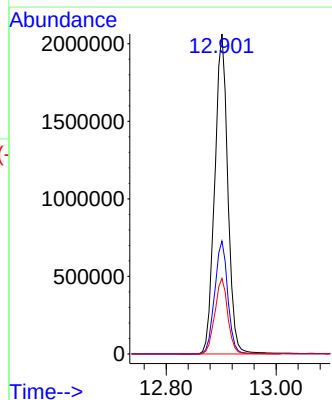
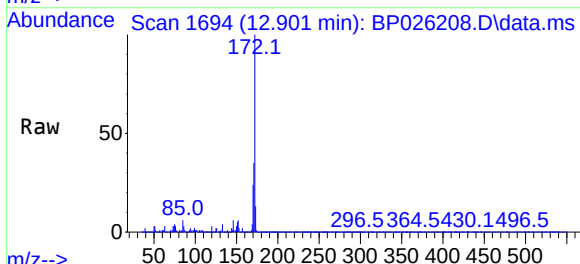
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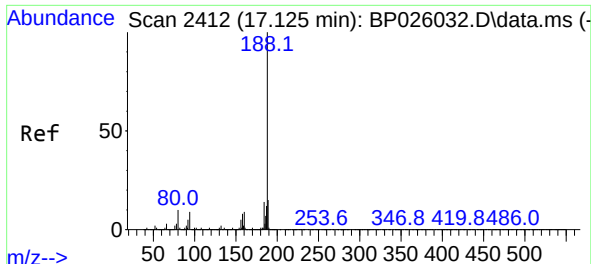
Tgt Ion:330 Resp: 988362
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 32.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 38.059 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.029 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

Tgt Ion:172 Resp: 3421834
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.6 18.7 28.1

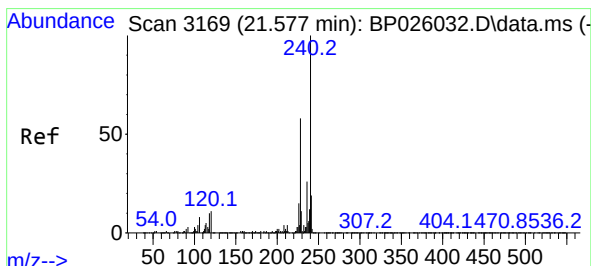
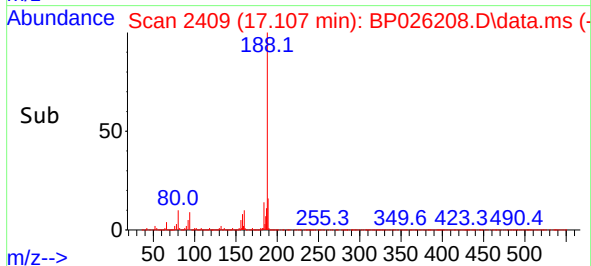
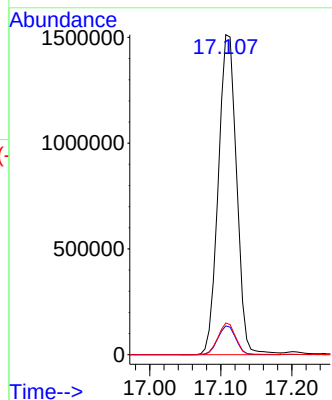
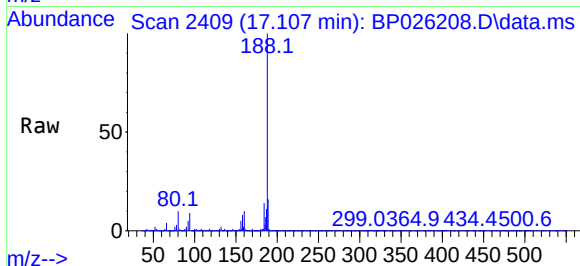




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2412
Delta R.T. -0.023 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

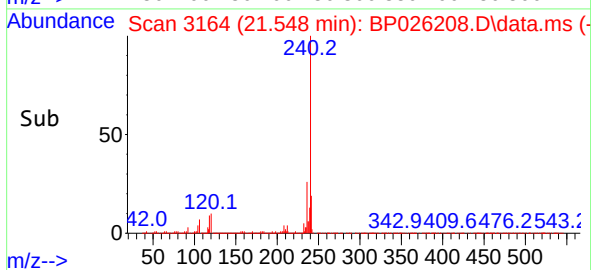
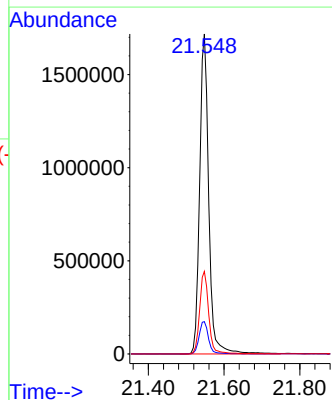
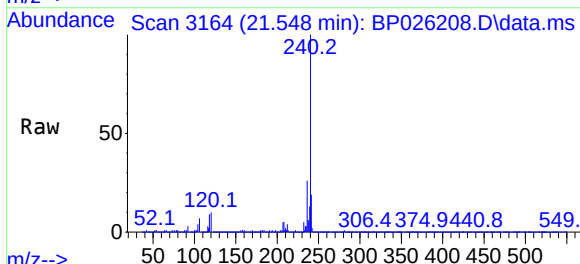
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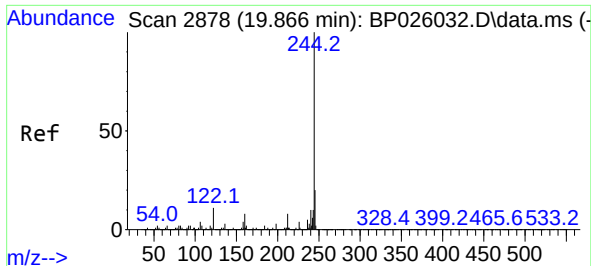
Tgt Ion:188 Resp: 2698264
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026208.D
Acq: 02 Dec 2025 15:12

Tgt Ion:240 Resp: 2878972
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 25.8 20.4 30.6

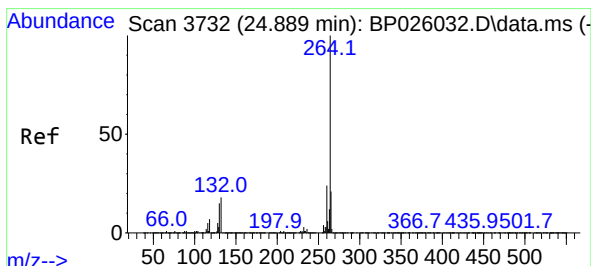
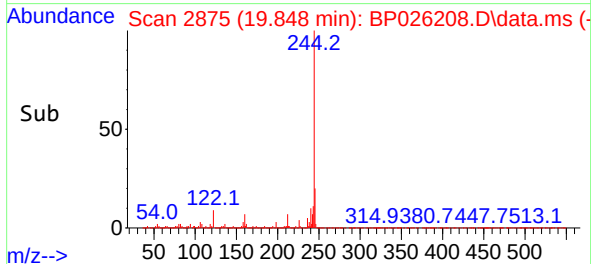
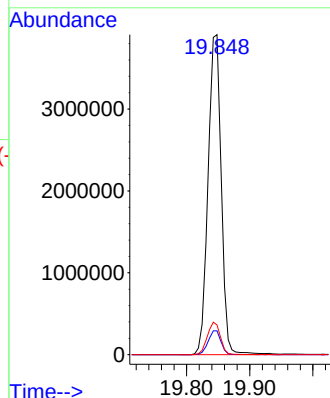
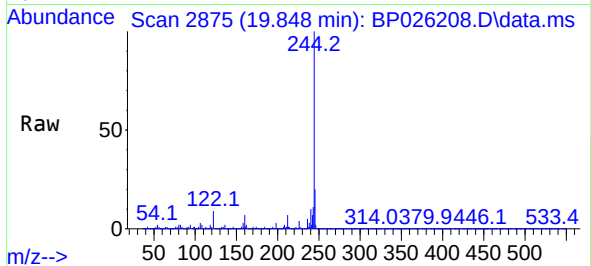




#79
 Terphenyl-d14
 Concen: 40.285 ng
 RT: 19.848 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP026208.D
 Acq: 02 Dec 2025 15:12

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BL

Tgt Ion:244 Resp: 5687925
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 9.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.860 min Scan# 3727
 Delta R.T. -0.047 min
 Lab File: BP026208.D
 Acq: 02 Dec 2025 15:12

Tgt Ion:264 Resp: 3296003
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.4 17.5 26.3

