

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120925\
 Data File : BP026269.D
 Acq On : 09 Dec 2025 20:23
 Operator : RC/JU
 Sample : Q3806-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-01-12-5-2025

Quant Time: Dec 09 23:57:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

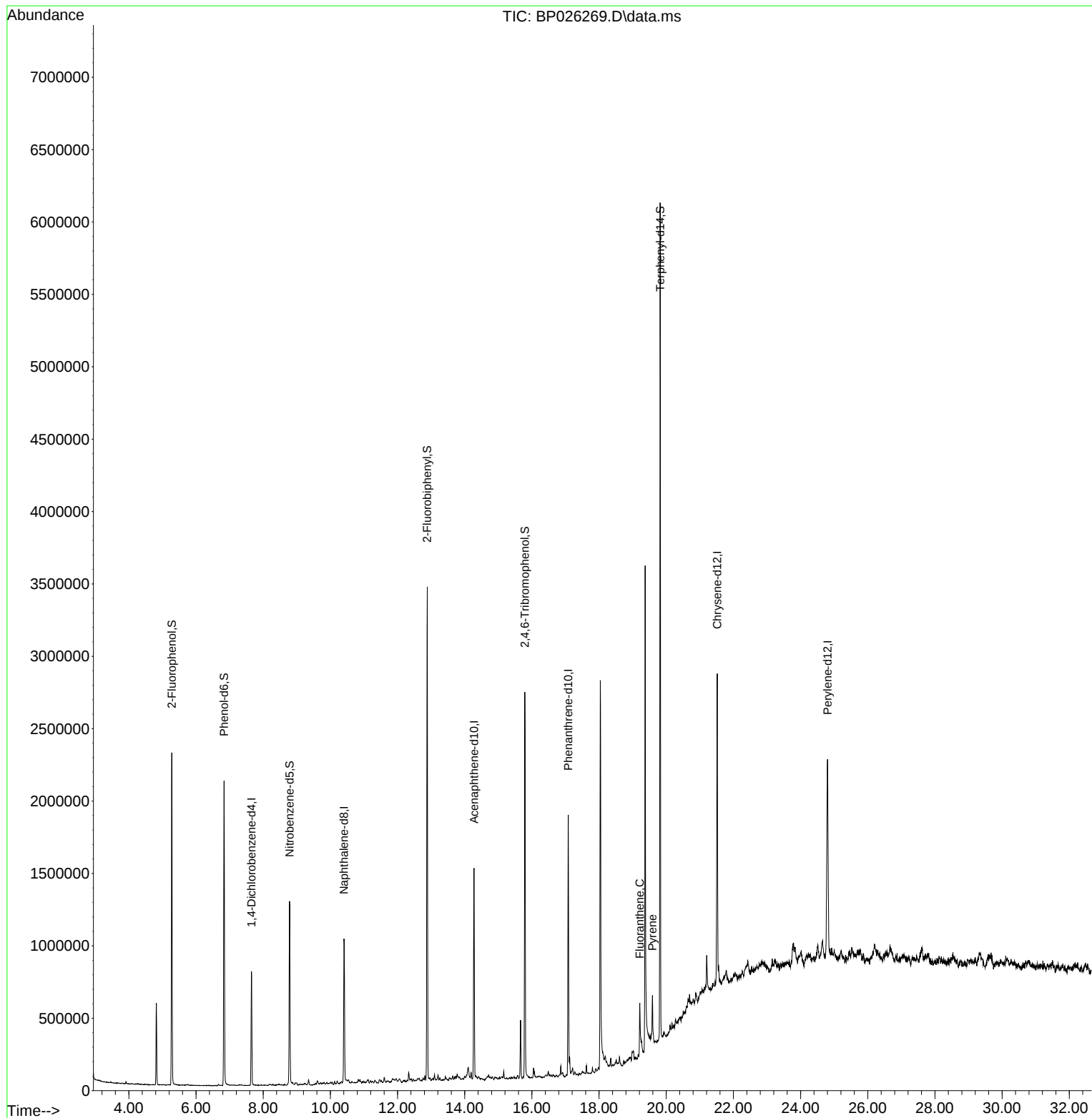
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	225164	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	899037	20.000	ng	-0.01
39) Acenaphthene-d10	14.278	164	561359	20.000	ng	-0.01
64) Phenanthrene-d10	17.083	188	1080280	20.000	ng	-0.01
76) Chrysene-d12	21.519	240	1188147	20.000	ng	-0.02
86) Perylene-d12	24.801	264	1424398	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1022031	72.974	ng	0.00
7) Phenol-d6	6.837	99	1263832	71.489	ng	0.00
23) Nitrobenzene-d5	8.784	82	738213	46.738	ng	0.00
42) 2,4,6-Tribromophenol	15.789	330	532703	72.970	ng	-0.02
45) 2-Fluorobiphenyl	12.884	172	1832335	47.456	ng	-0.02
79) Terphenyl-d14	19.819	244	2761579	47.506	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.213	202	202415	2.731	ng	99
78) Pyrene	19.589	202	186170	2.404	ng	99

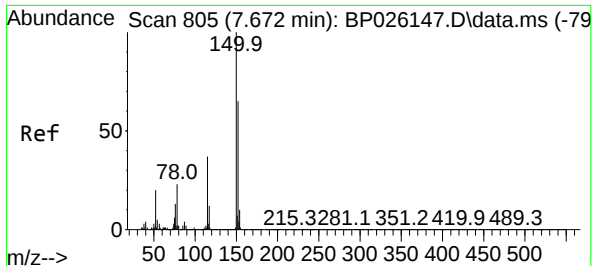
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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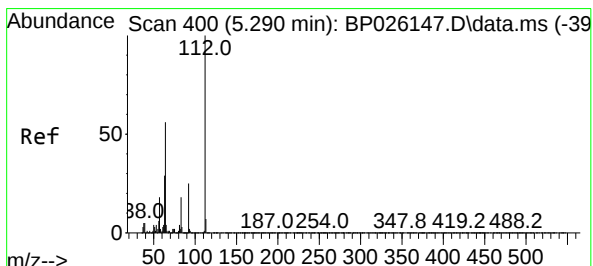
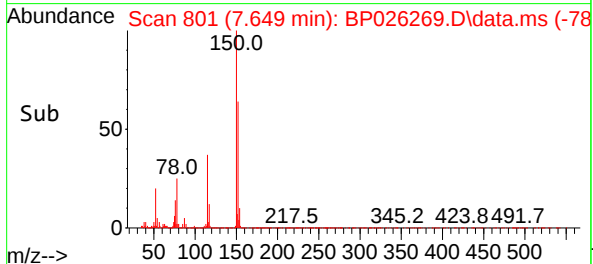
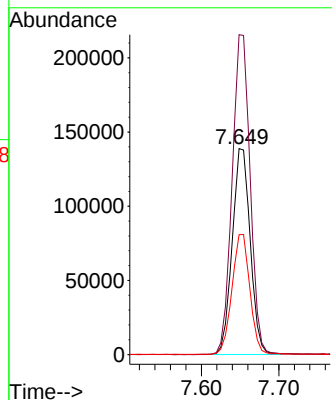
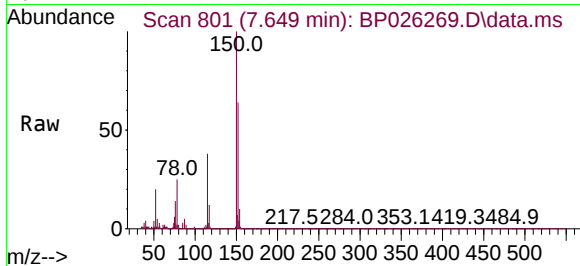




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.649 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BP026269.D
 Acq: 09 Dec 2025 20:23

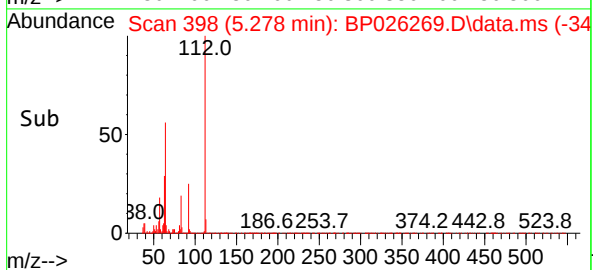
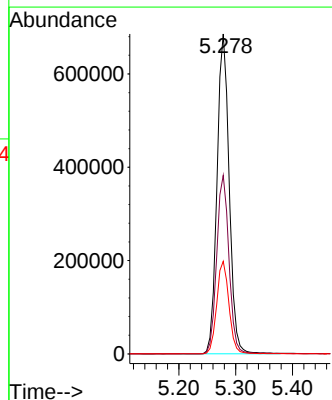
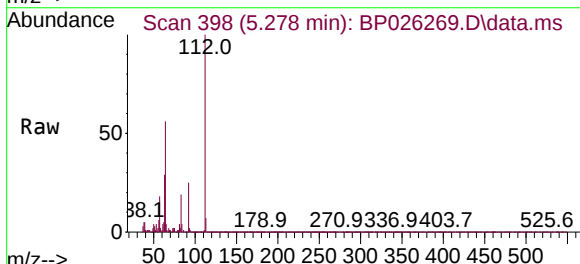
Instrument :
 BNA_P
 ClientSampleId :
 TR-01-12-5-2025

Tgt Ion:152 Resp: 225164
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.0 184.6
 115 58.3 46.3 69.5



#5
 2-Fluorophenol
 Concen: 72.974 ng
 RT: 5.278 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: BP026269.D
 Acq: 09 Dec 2025 20:23

Tgt Ion:112 Resp: 1022031
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.8 68.6
 63 28.9 23.5 35.3

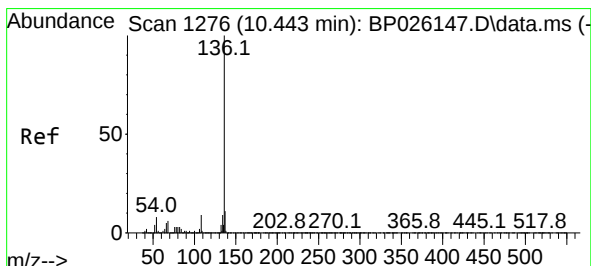
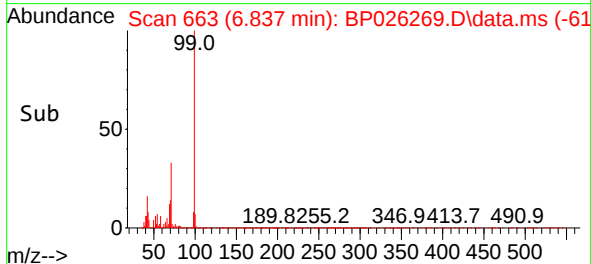
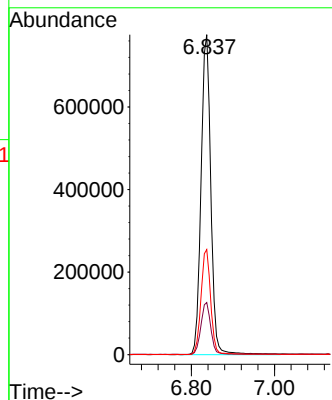
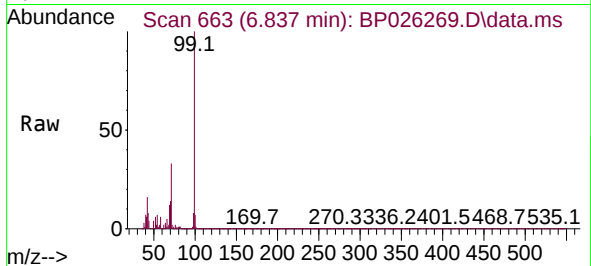




#7
Phenol-d6
Concen: 71.489 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

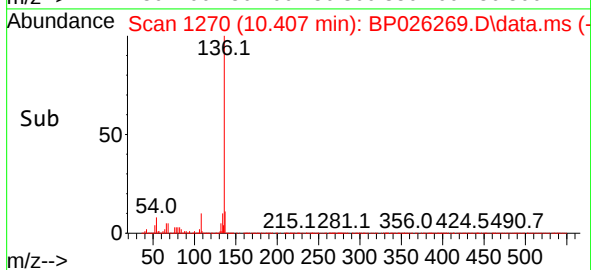
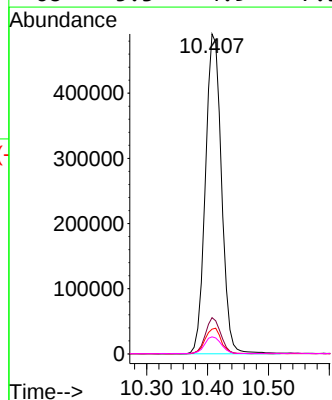
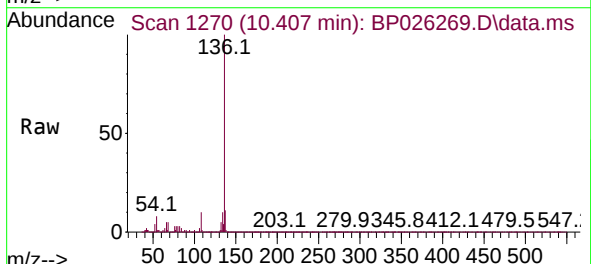
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ClientSampleId :
TR-01-12-5-2025

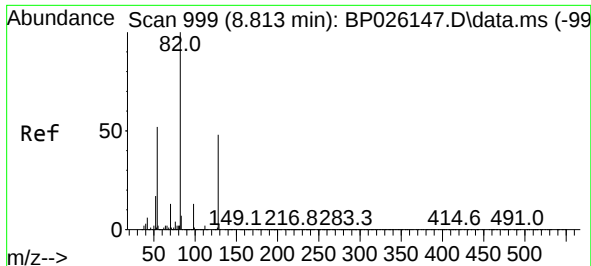
Tgt Ion: 99 Resp: 1263832
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 32.8 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.407 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

Tgt Ion: 136 Resp: 899037
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.7 6.4 9.6
68 5.3 4.9 7.3

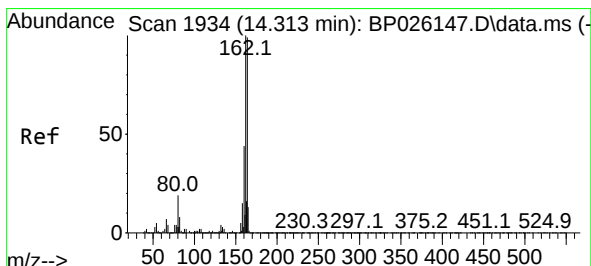
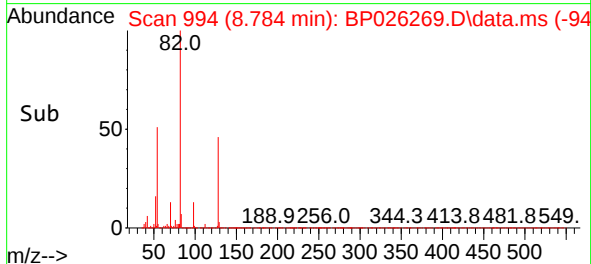
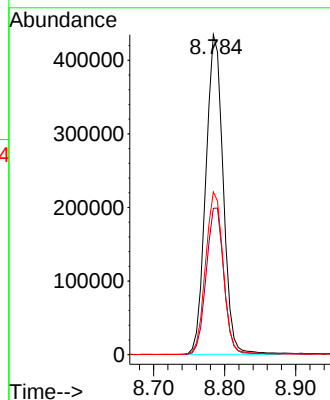
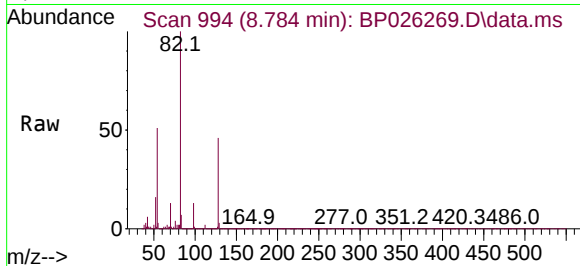




#23
Nitrobenzene-d5
Concen: 46.738 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

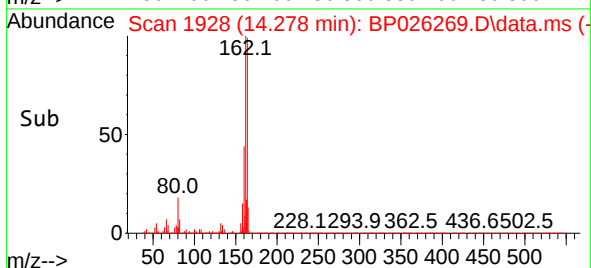
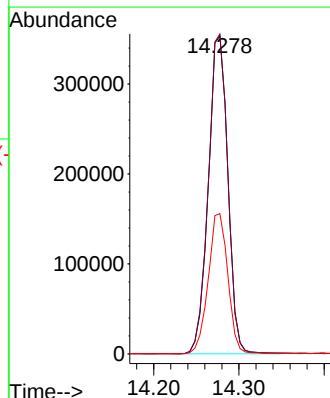
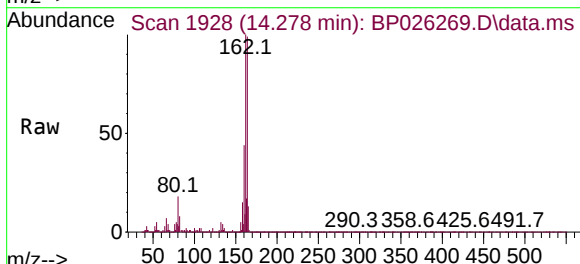
Instrument :
BNA_P
ClientSampleId :
TR-01-12-5-2025

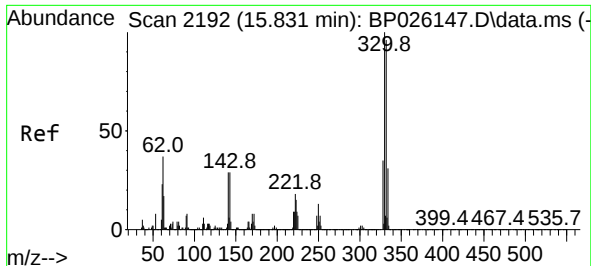
Tgt Ion: 82 Resp: 738213
Ion Ratio Lower Upper
82 100
128 45.7 37.4 56.0
54 50.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

Tgt Ion:164 Resp: 561359
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.1 35.2 52.8

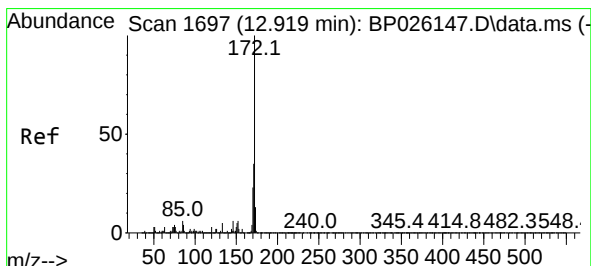
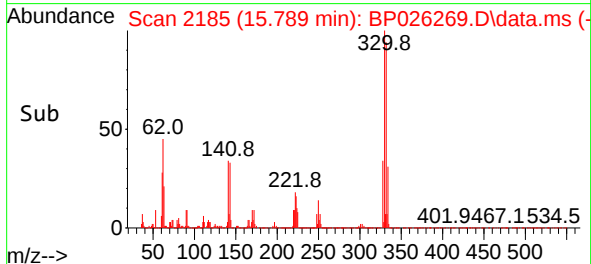
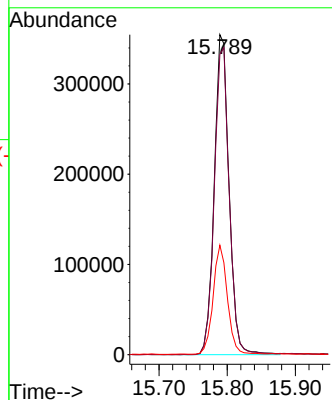
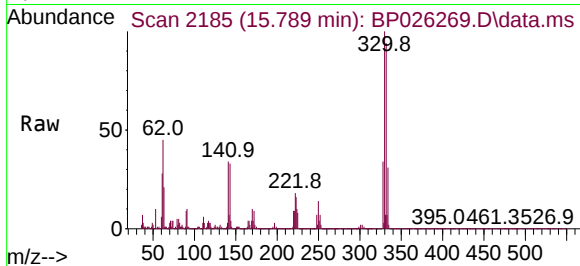




#42
2,4,6-Tribromophenol
Concen: 72.970 ng
RT: 15.789 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

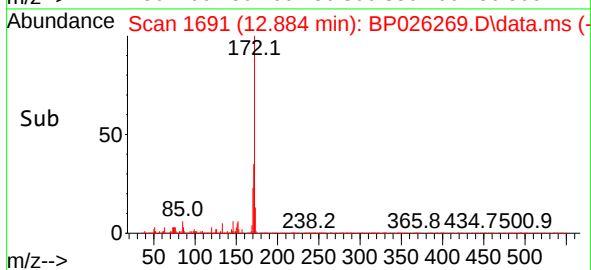
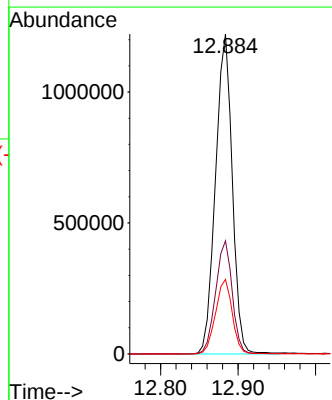
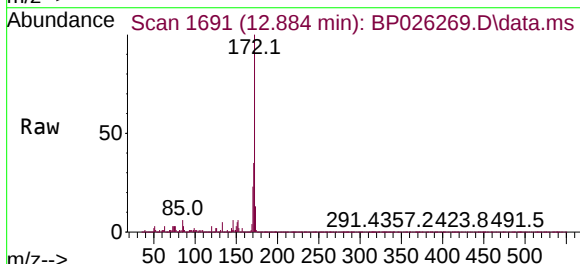
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BNA_P
ClientSampleId :
TR-01-12-5-2025

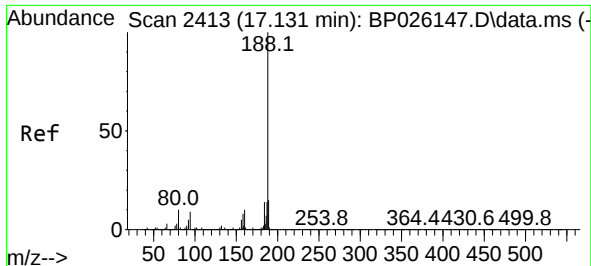
Tgt Ion:330 Resp: 532703
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 47.456 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

Tgt Ion:172 Resp: 1832335
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.7 28.1

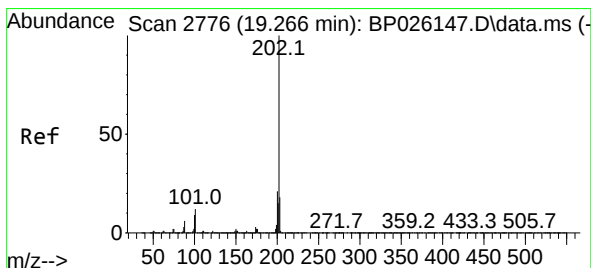
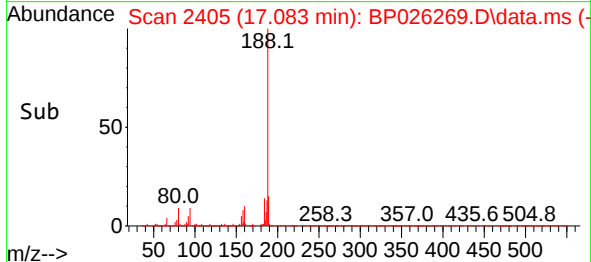
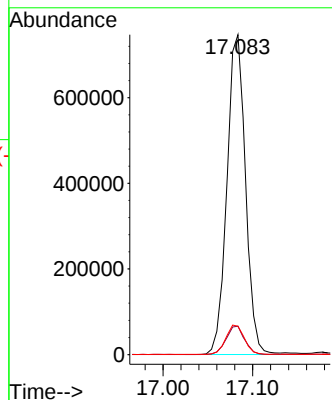
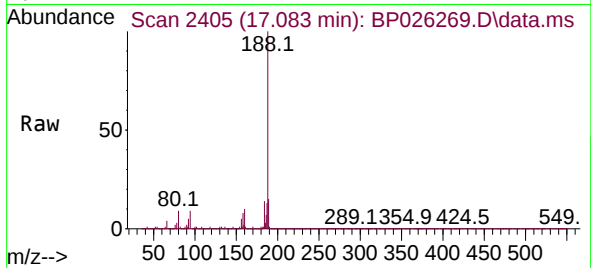




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.083 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

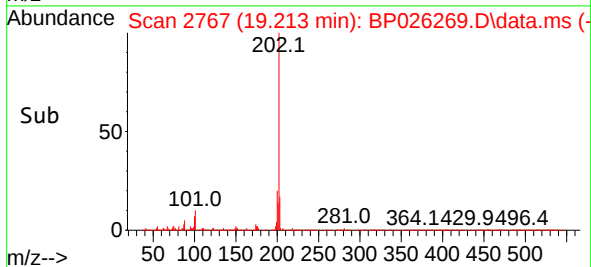
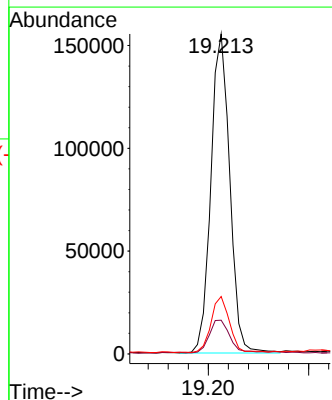
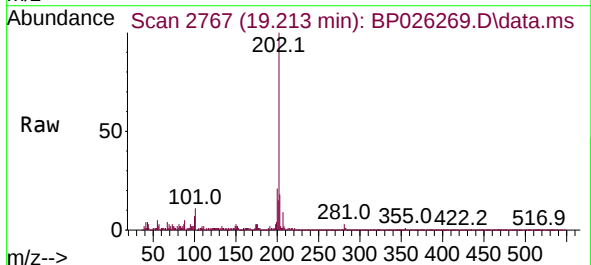
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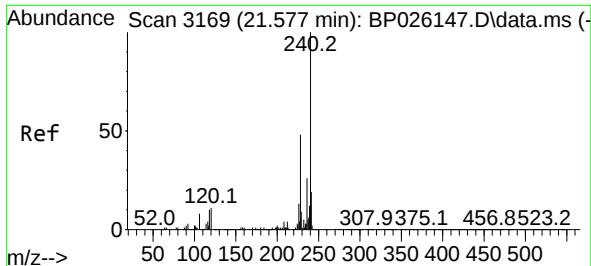
Tgt Ion:188 Resp: 1080280
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 8.9 8.2 12.2



#75
Fluoranthene
Concen: 2.731 ng
RT: 19.213 min Scan# 2767
Delta R.T. -0.024 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

Tgt Ion:202 Resp: 202415
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.9 0.0 37.7

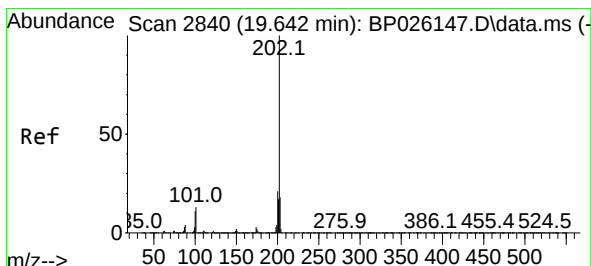
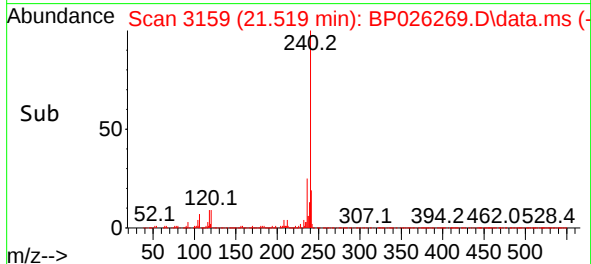
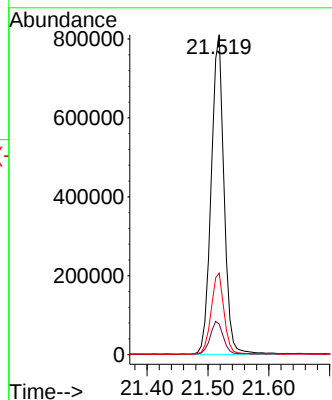
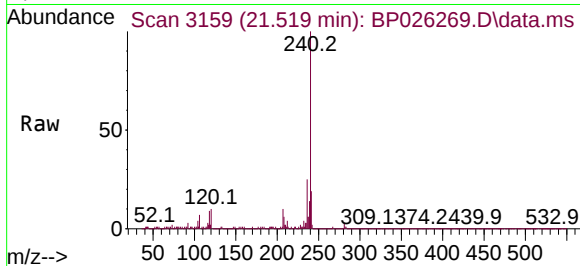




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.519 min Scan# 3169
Delta R.T. -0.018 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

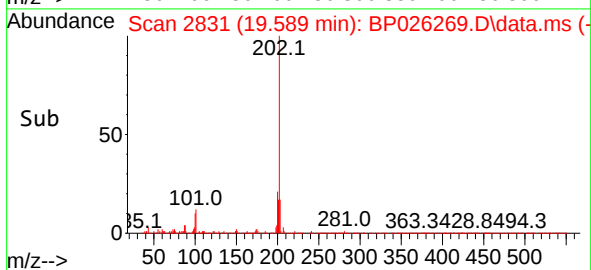
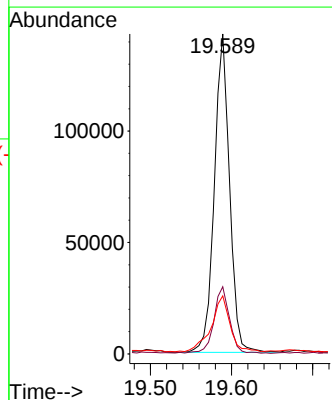
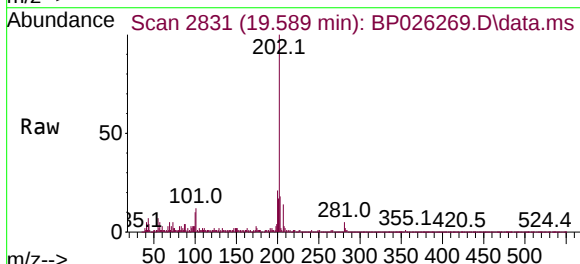
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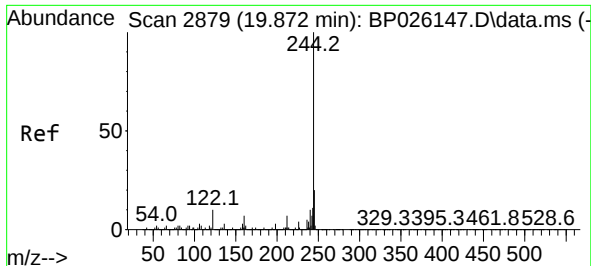
Tgt Ion:240 Resp: 1188147
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.5 20.4 30.6



#78
Pyrene
Concen: 2.404 ng
RT: 19.589 min Scan# 2831
Delta R.T. -0.024 min
Lab File: BP026269.D
Acq: 09 Dec 2025 20:23

Tgt Ion:202 Resp: 186170
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.2 13.8 20.8

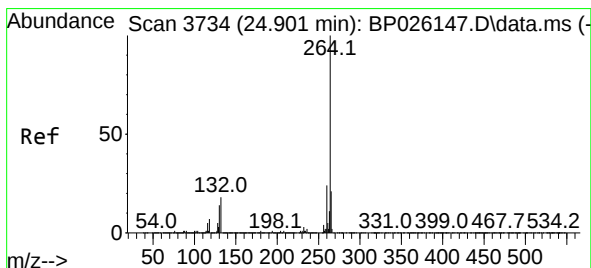
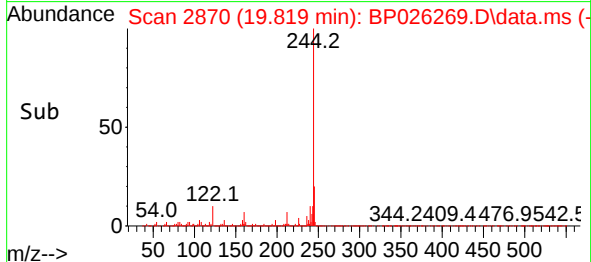
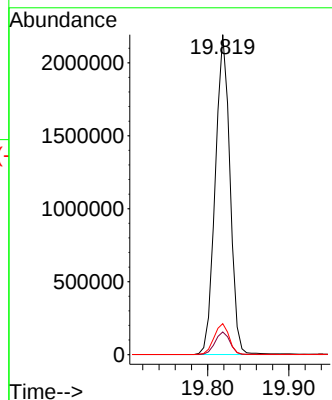
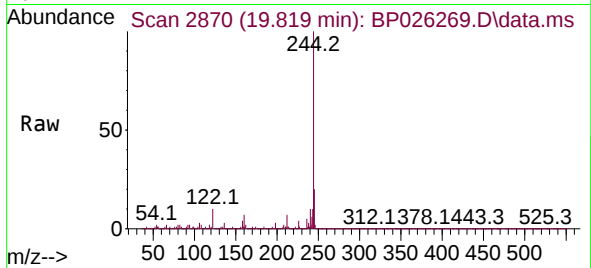




#79
 Terphenyl-d14
 Concen: 47.506 ng
 RT: 19.819 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP026269.D
 Acq: 09 Dec 2025 20:23

Instrument :
 BNA_P
 ClientSampleId :
 TR-01-12-5-2025

Tgt Ion:244 Resp: 2761579
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.801 min Scan# 3717
 Delta R.T. -0.024 min
 Lab File: BP026269.D
 Acq: 09 Dec 2025 20:23

Tgt Ion:264 Resp: 1424398
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 22.3 17.5 26.3

