

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121225\
 Data File : BP026311.D
 Acq On : 12 Dec 2025 13:34
 Operator : RC/JU
 Sample : Q3839-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AM6

Quant Time: Dec 12 13:58:14 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)

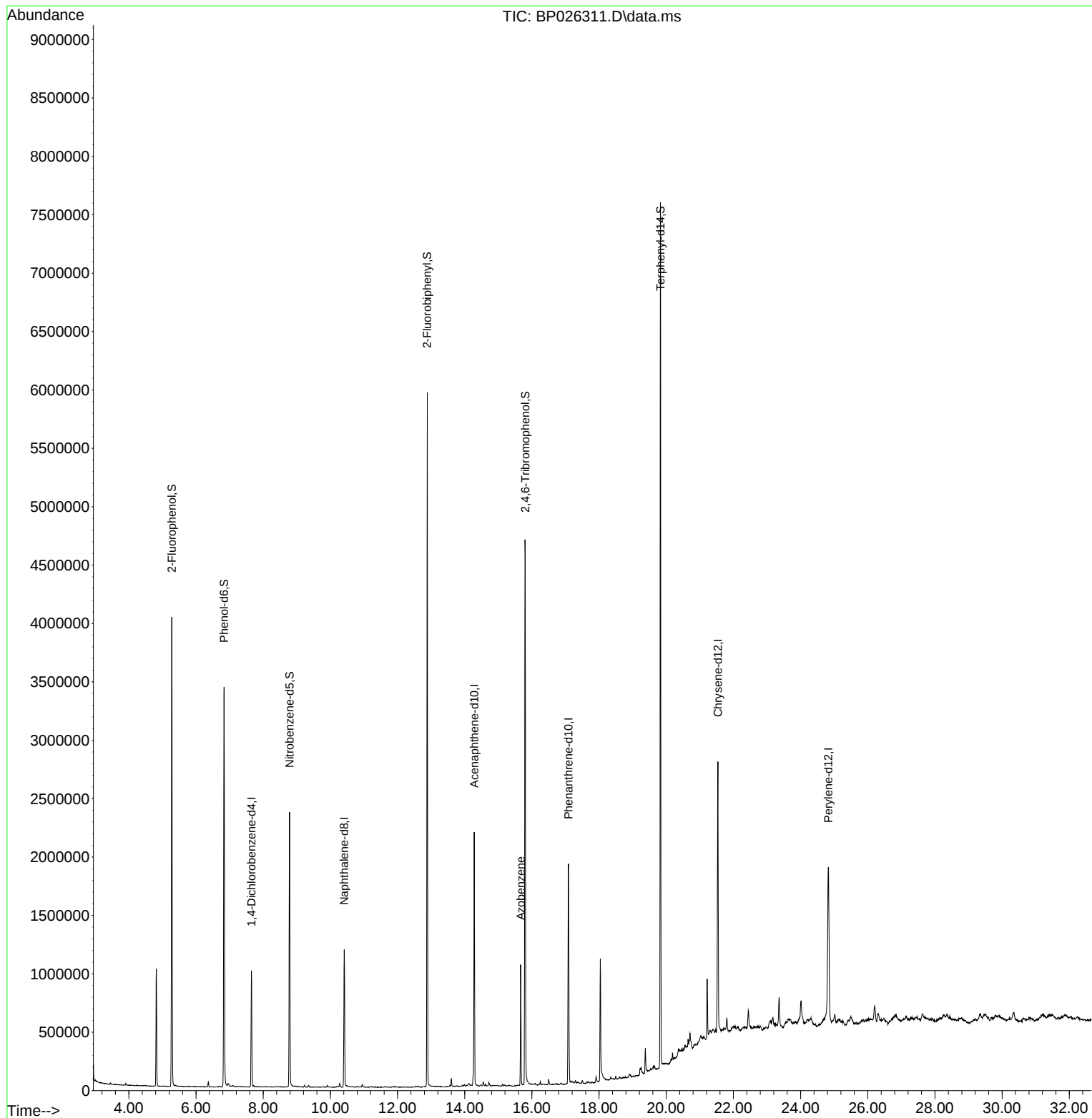
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	271202	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	1043708	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	669968	20.000	ng	0.00
64) Phenanthrene-d10	17.089	188	1387733	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1481415	20.000	ng	0.00
86) Perylene-d12	24.824	264	1511572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1799785	106.691	ng	0.00
7) Phenol-d6	6.837	99	2150112	100.975	ng	0.00
23) Nitrobenzene-d5	8.784	82	1265264	69.003	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	1053443	120.909	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2635445	57.191	ng	-0.02
79) Terphenyl-d14	19.824	244	3821778	52.729	ng	-0.01
Target Compounds						
63) Azobenzene	15.666	77	247852	5.887	ng	Qvalue # 1

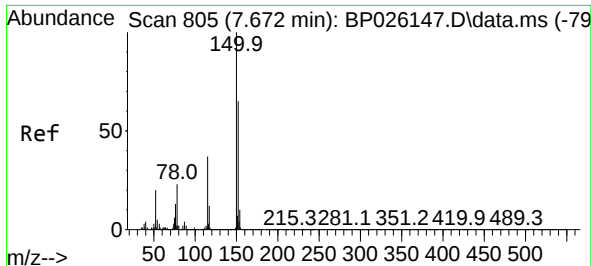
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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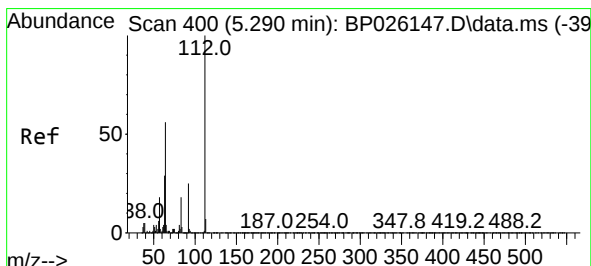
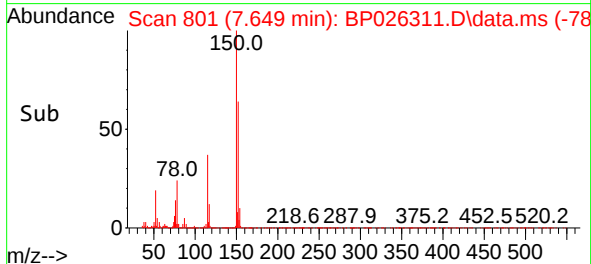
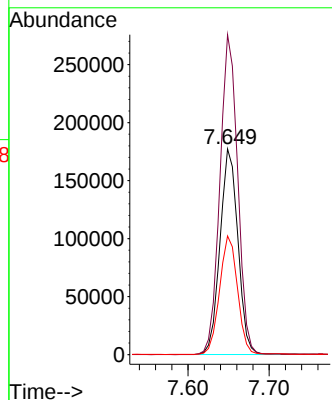
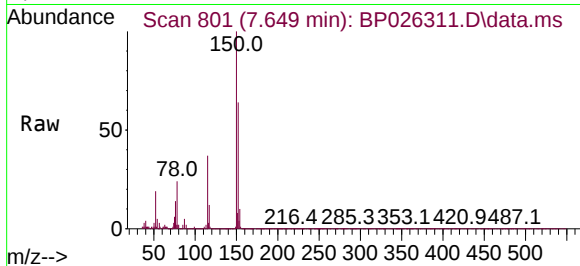




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

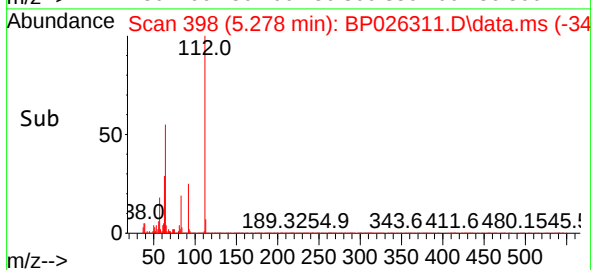
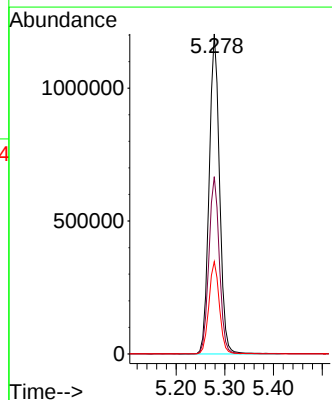
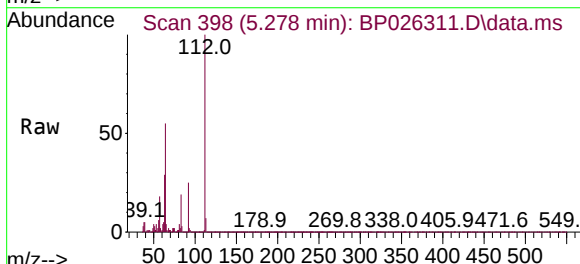
Instrument :
BNA_P
ClientSampleId :
COAM6

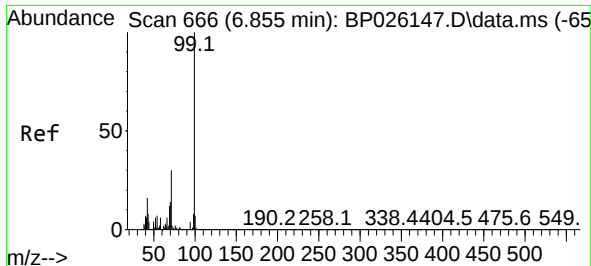
Tgt Ion:152 Resp: 271202
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 57.7 46.3 69.5



#5
2-Fluorophenol
Concen: 106.691 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Tgt Ion:112 Resp: 1799785
Ion Ratio Lower Upper
112 100
64 55.4 45.8 68.6
63 28.8 23.5 35.3

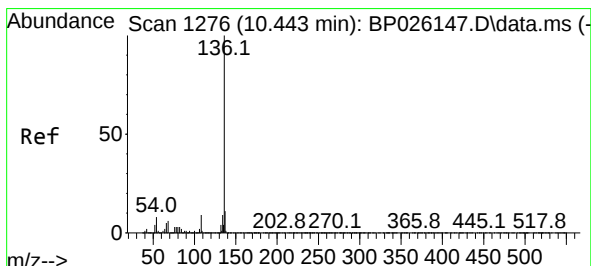
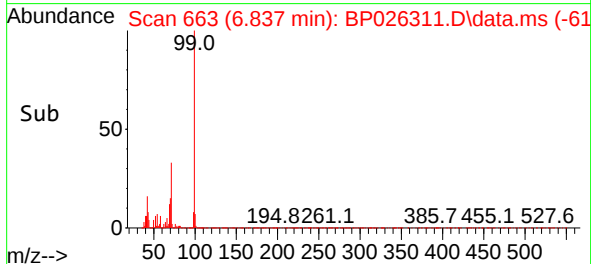
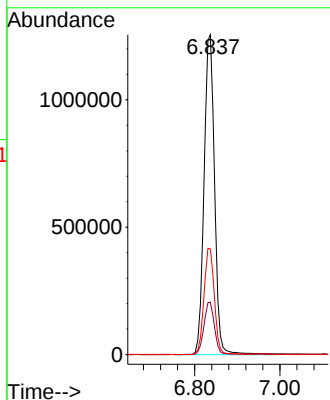
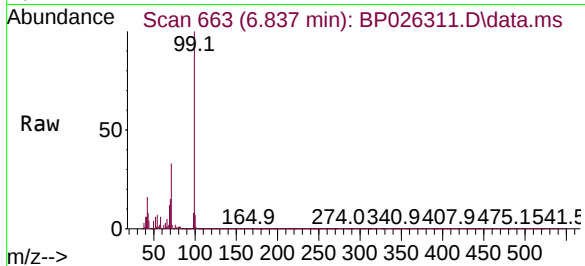




#7
Phenol-d6
Concen: 100.975 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

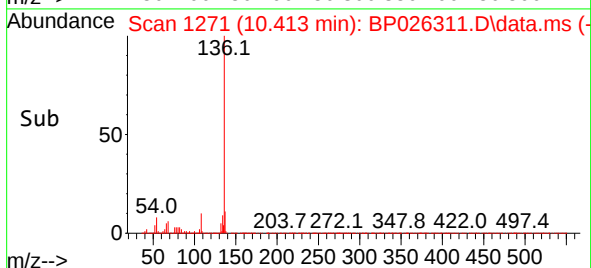
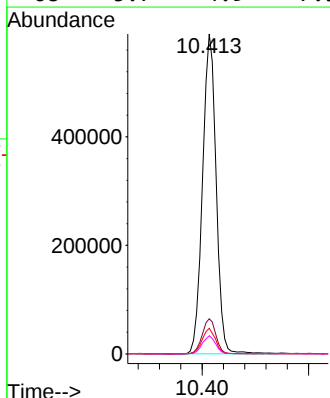
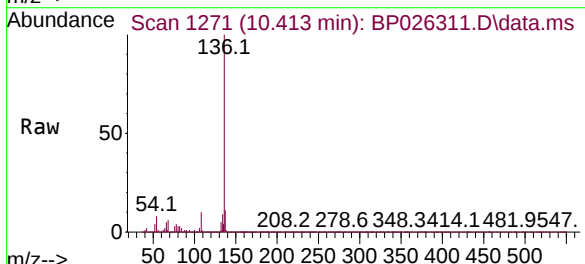
Instrument :
BNA_P
ClientSampleId :
COAM6

Tgt Ion: 99 Resp: 2150112
Ion Ratio Lower Upper
99 100
42 16.4 12.9 19.3
71 33.0 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Tgt Ion:136 Resp: 1043708
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.4 9.6
68 5.7 4.9 7.3

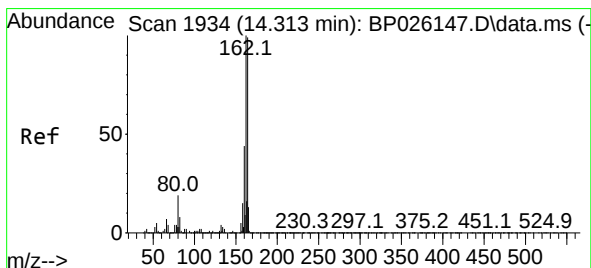
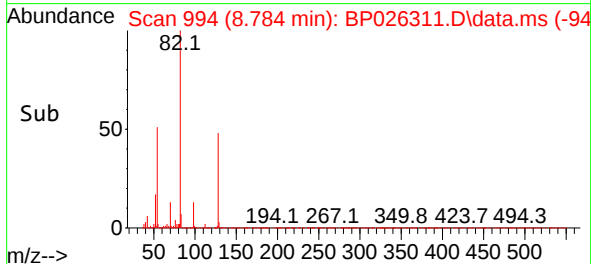
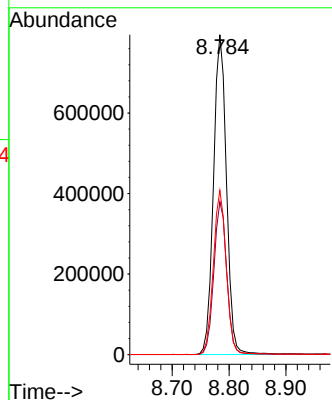
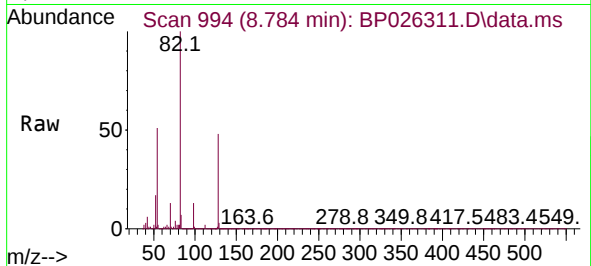




#23
Nitrobenzene-d5
Concen: 69.003 ng
RT: 8.784 min Scan# 999
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

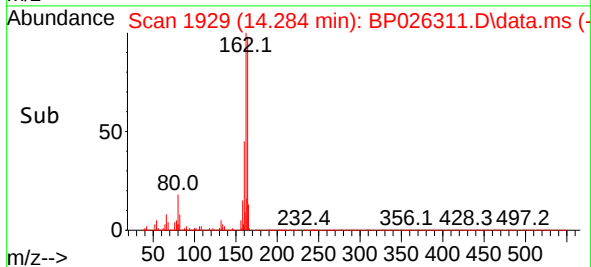
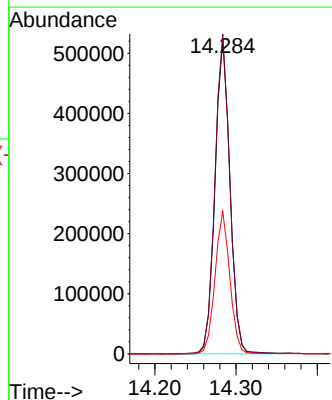
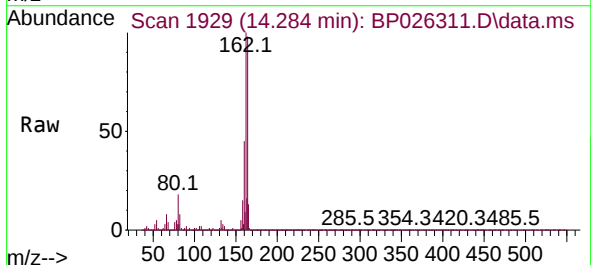
Instrument :
BNA_P
ClientSampleId :
COAM6

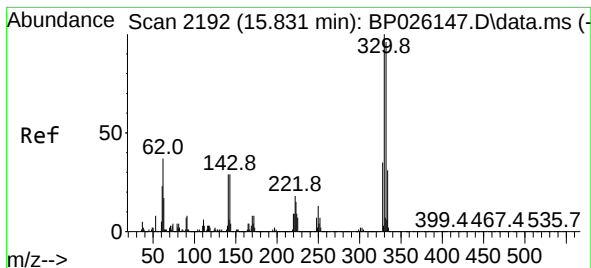
Tgt Ion: 82 Resp: 1265264
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.0
54 51.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Tgt Ion:164 Resp: 669968
Ion Ratio Lower Upper
164 100
162 101.8 80.3 120.5
160 45.3 35.2 52.8

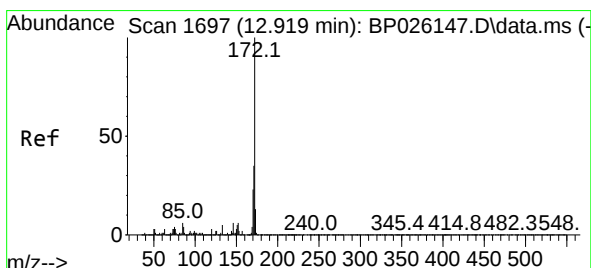
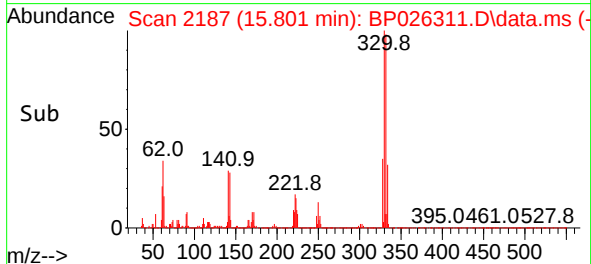
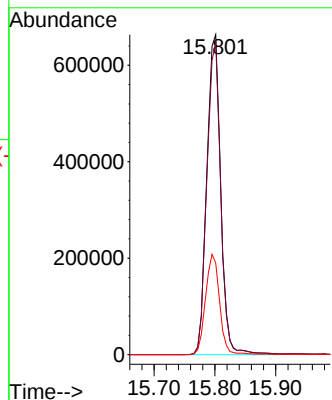
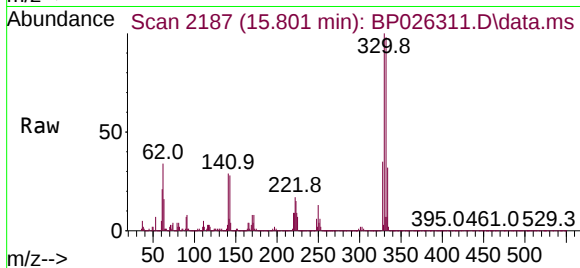




#42
2,4,6-Tribromophenol
Concen: 120.909 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

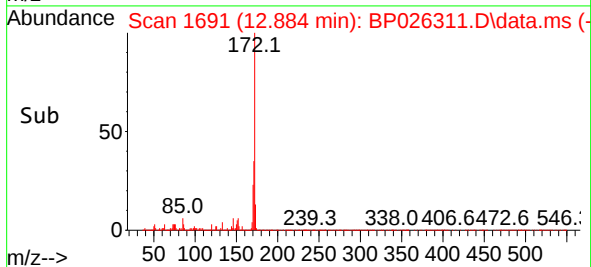
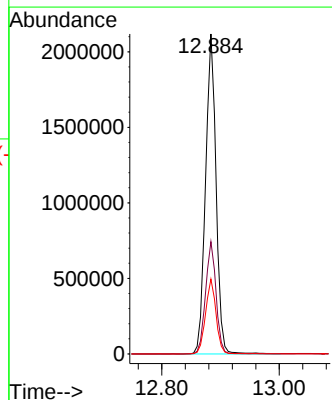
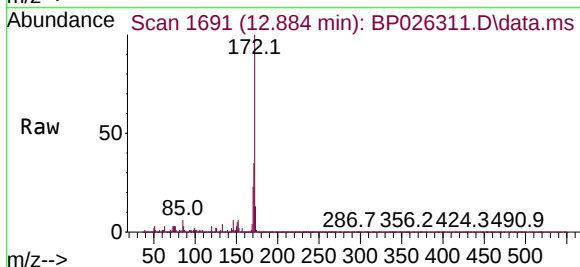
Instrument :
BNA_P
ClientSampleId :
COAM6

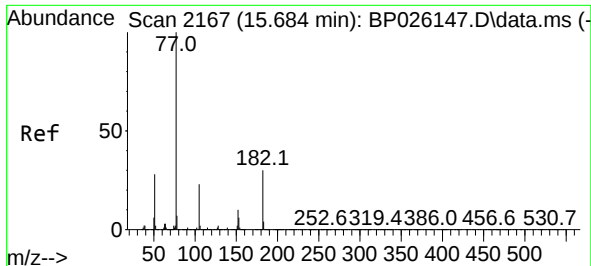
Tgt Ion:330 Resp: 1053443
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 31.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 57.191 ng
RT: 12.884 min Scan# 1691
Delta R.T. -0.018 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Tgt Ion:172 Resp: 2635445
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.4 18.7 28.1

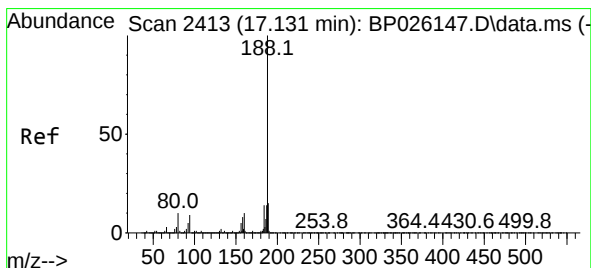
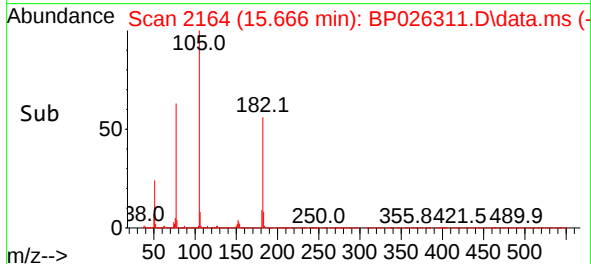
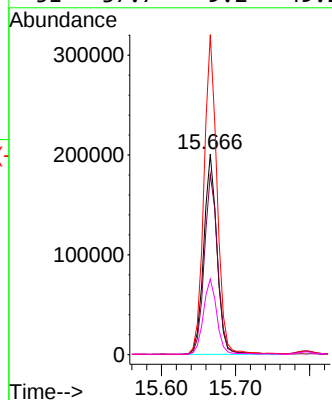
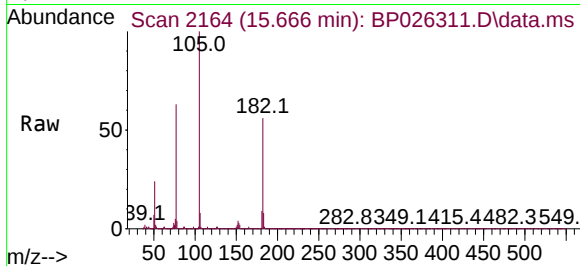




#63
Azobenzene
Concen: 5.887 ng
RT: 15.666 min Scan# 2167
Delta R.T. 0.012 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

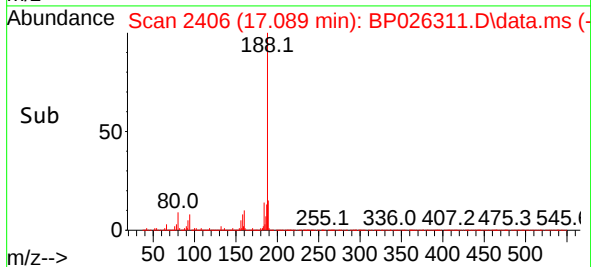
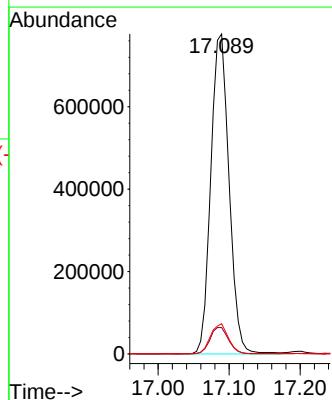
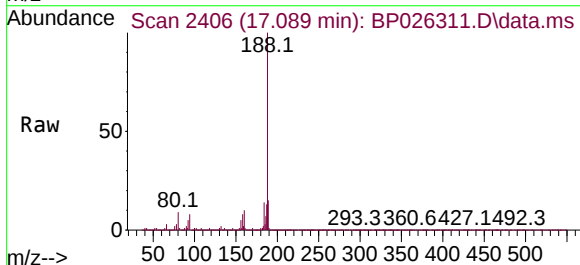
Instrument :
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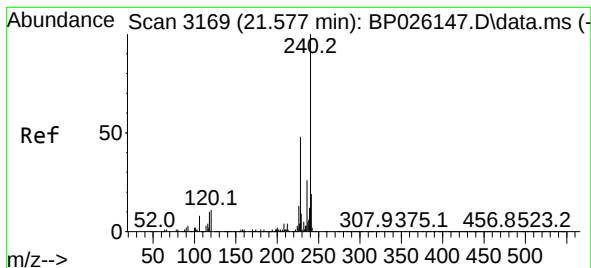
Tgt Ion: 77 Resp: 247852
Ion Ratio Lower Upper
77 100
182 89.9 8.8 48.8#
105 159.7 2.6 42.6#
51 37.7 9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Tgt Ion:188 Resp: 1387733
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 9.4 8.2 12.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.536 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP026311.D

Acq: 12 Dec 2025 13:34

Instrument :

BNA_P

ClientSampleId :

COAM6

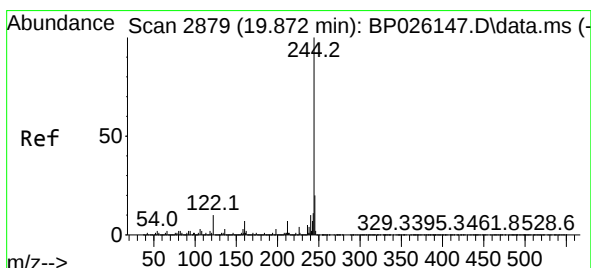
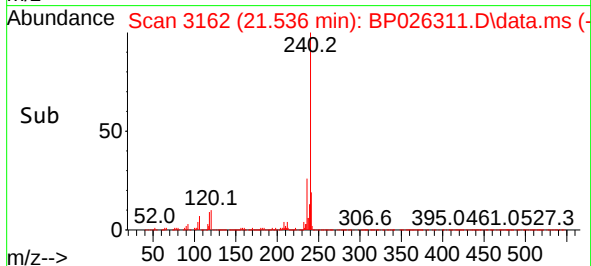
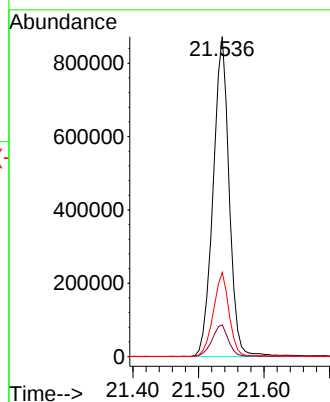
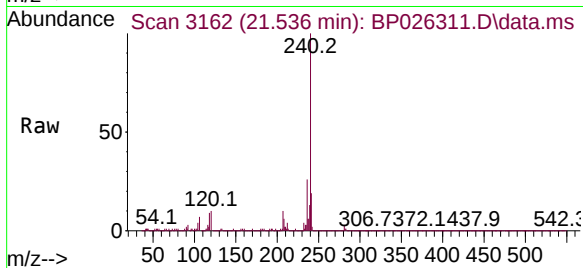
Tgt Ion:240 Resp: 1481415

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 26.3 20.4 30.6



#79

Terphenyl-d14

Concen: 52.729 ng

RT: 19.824 min Scan# 2871

Delta R.T. -0.012 min

Lab File: BP026311.D

Acq: 12 Dec 2025 13:34

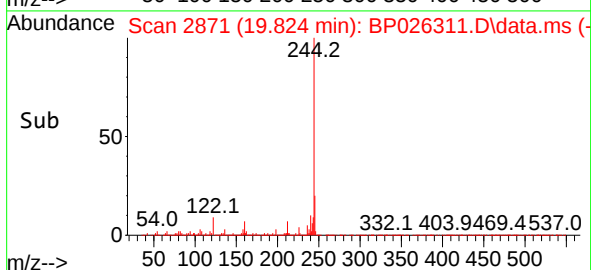
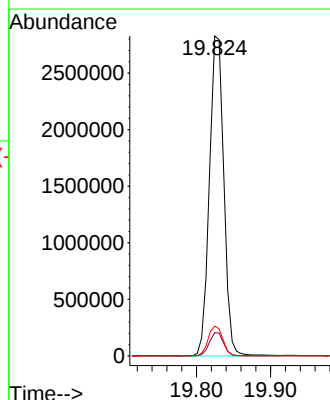
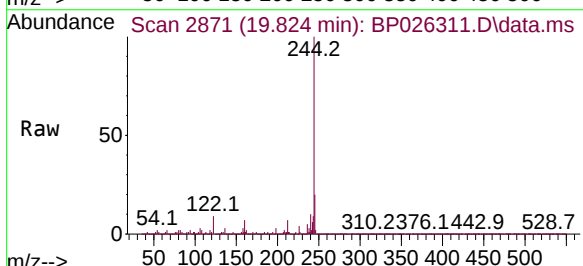
Tgt Ion:244 Resp: 3821778

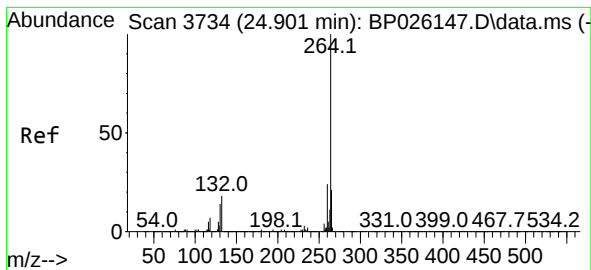
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.824 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP026311.D
Acq: 12 Dec 2025 13:34

Instrument :
BNA_P
ClientSampleId :
C0AM6

Tgt Ion:264 Resp: 1511572

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.2	17.5	26.3

