

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026080.D
 Acq On : 06 Nov 2025 17:04
 Operator : RC/JU
 Sample : Q3534-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-1

Quant Time: Nov 07 01:00:34 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)

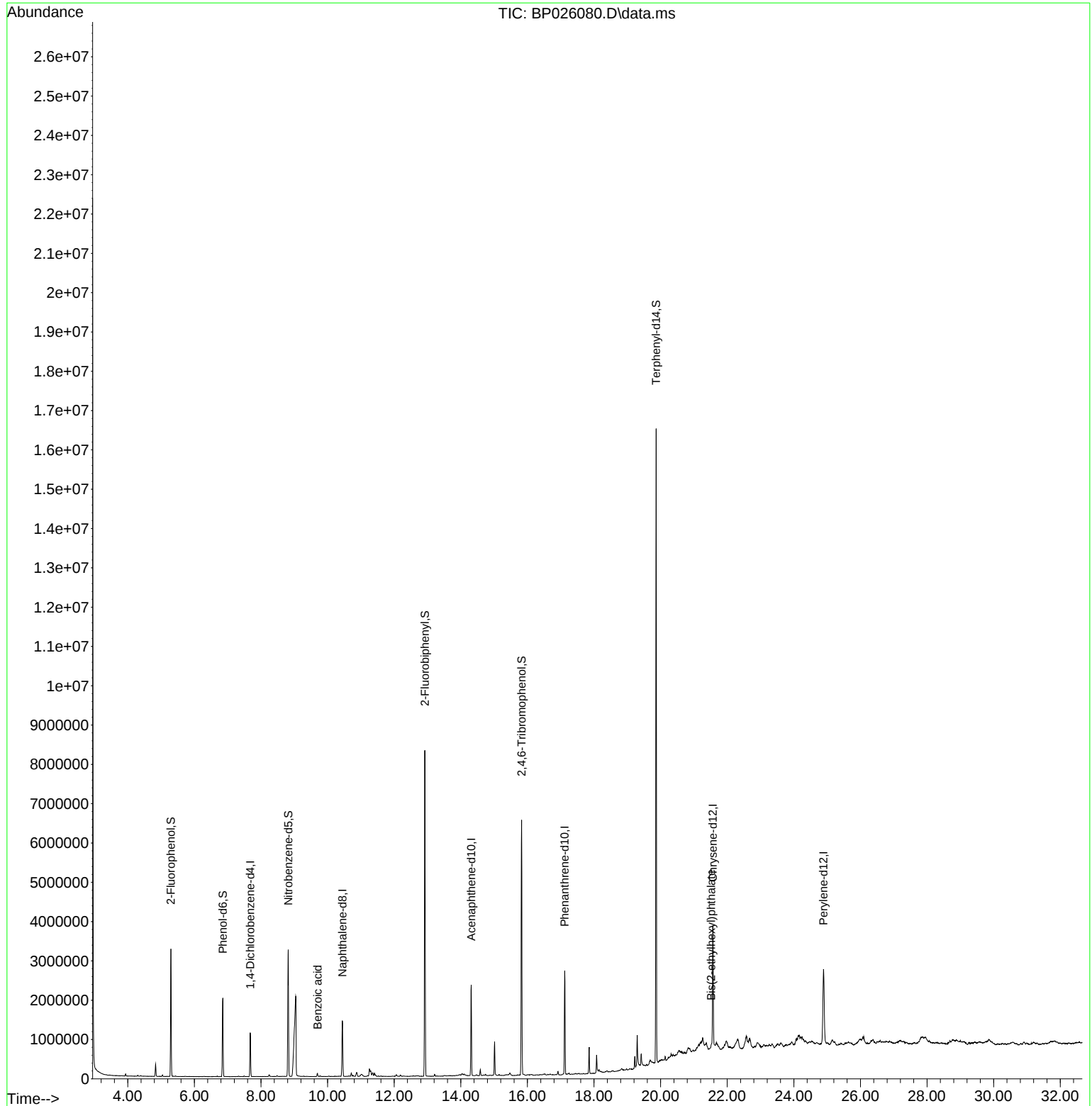
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	311794	20.000	ng	-0.01
21) Naphthalene-d8	10.443	136	1217060	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	769070	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	1563789	20.000	ng	0.00
76) Chrysene-d12	21.566	240	1705423	20.000	ng	0.00
86) Perylene-d12	24.889	264	2009785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1377067	72.878	ng	0.00
7) Phenol-d6	6.855	99	1149647	47.802	ng	0.00
23) Nitrobenzene-d5	8.819	82	1765997	90.457	ng	0.00
42) 2,4,6-Tribromophenol	15.825	330	1346021	161.890	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4173637	77.980	ng	-0.01
79) Terphenyl-d14	19.866	244	7228578	86.115	ng	0.00
Target Compounds						
32) Benzoic acid	9.696	122	29767	6.654	ng	Qvalue 98
84) Bis(2-ethylhexyl)phtha...	21.519	149	24169	2.930	ng	# 86

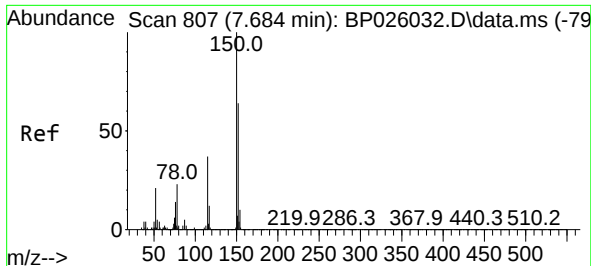
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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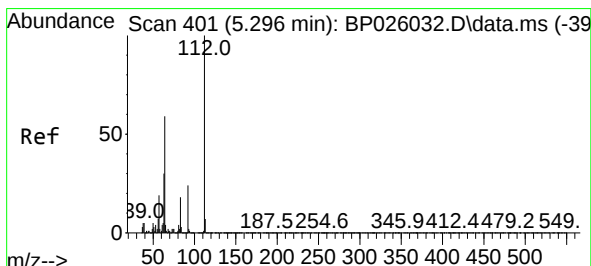
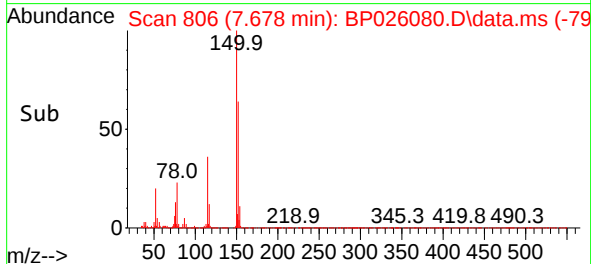
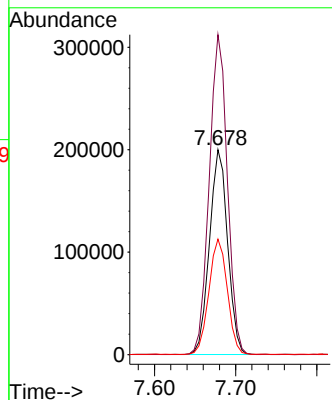
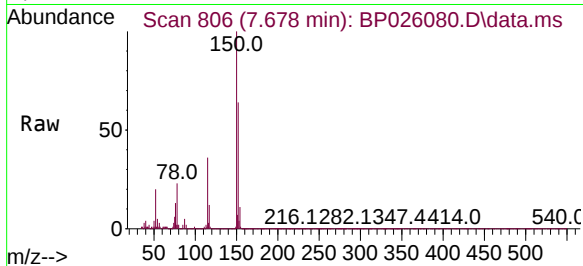




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 807
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

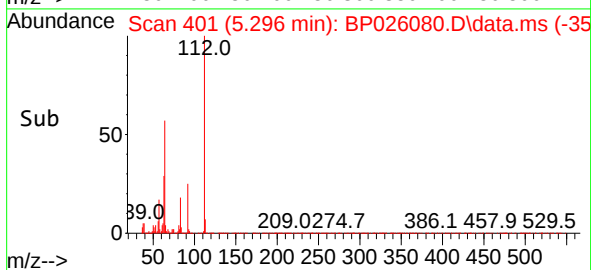
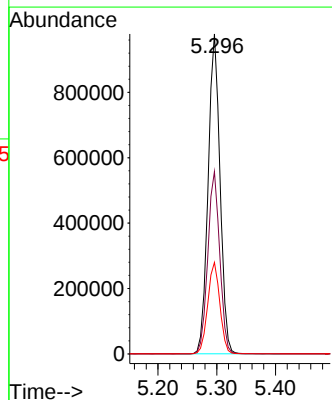
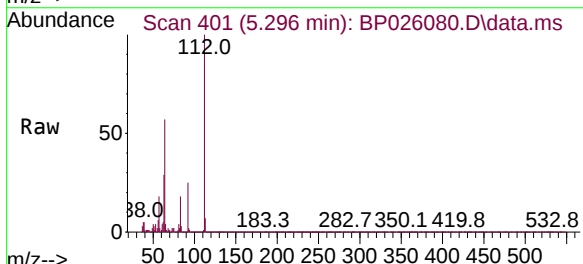
Instrument :
BNA_P
ClientSampleId :
FB-1

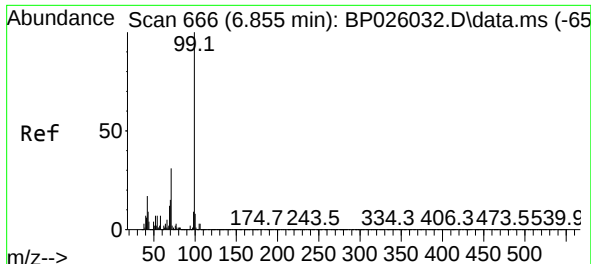
Tgt Ion:152 Resp: 311794
Ion Ratio Lower Upper
152 100
150 156.1 125.7 188.5
115 56.3 46.4 69.6



#5
2-Fluorophenol
Concen: 72.878 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:112 Resp: 1377067
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.2
63 28.6 24.2 36.4

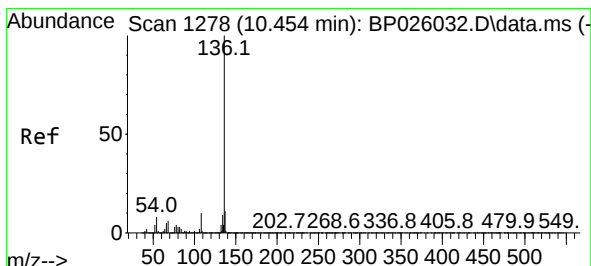
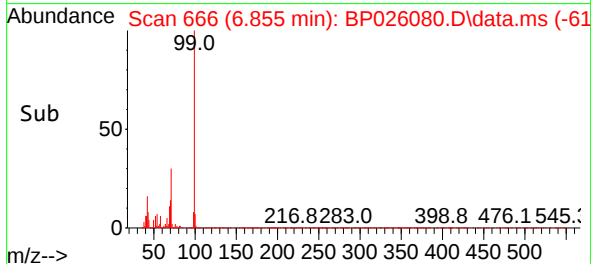
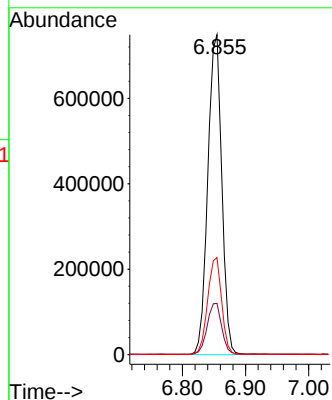
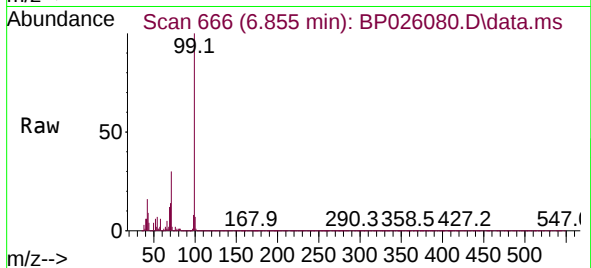




#7
Phenol-d6
Concen: 47.802 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

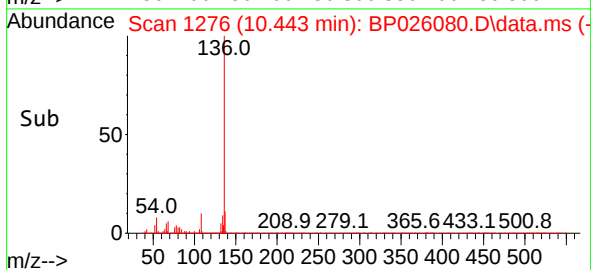
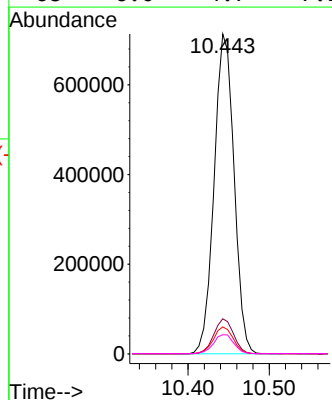
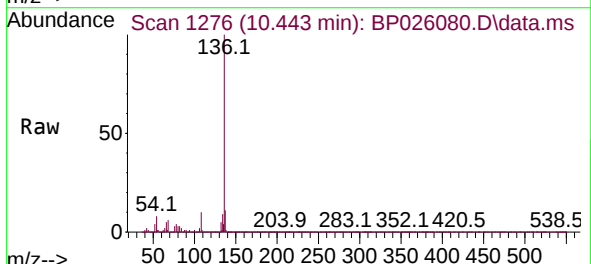
Instrument :
BNA_P
ClientSampleId :
FB-1

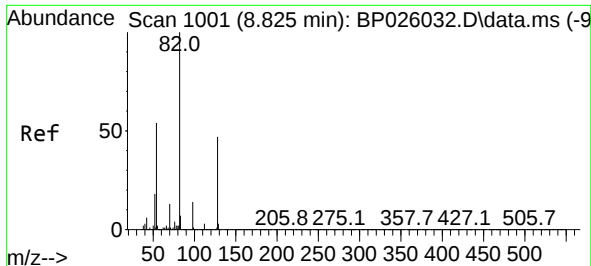
Tgt Ion: 99 Resp: 1149647
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:136 Resp: 1217060
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.4 6.6 10.0
68 6.0 4.7 7.1

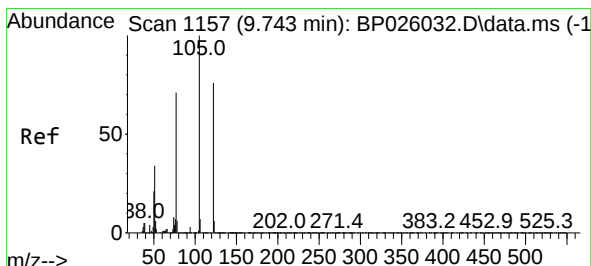
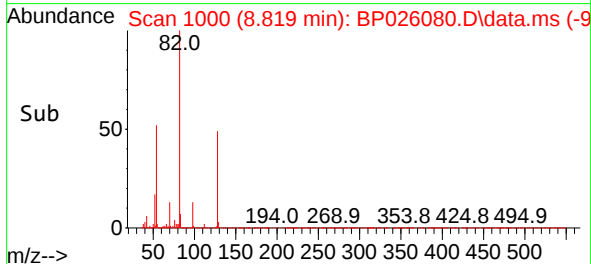
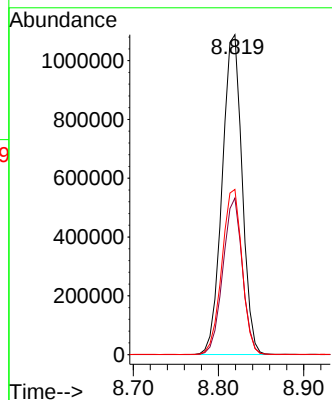
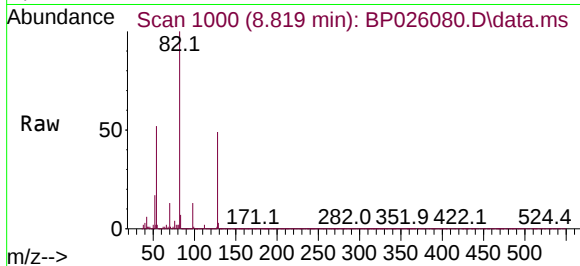




#23
Nitrobenzene-d5
Concen: 90.457 ng
RT: 8.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

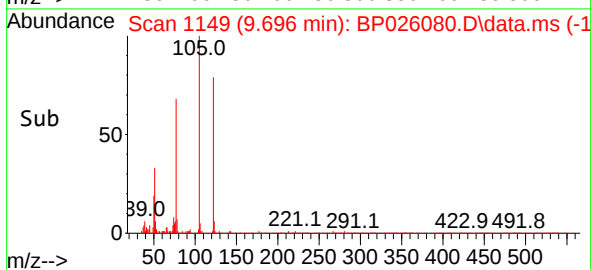
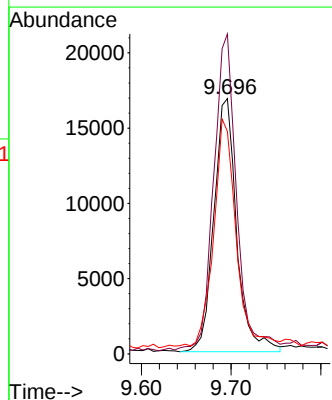
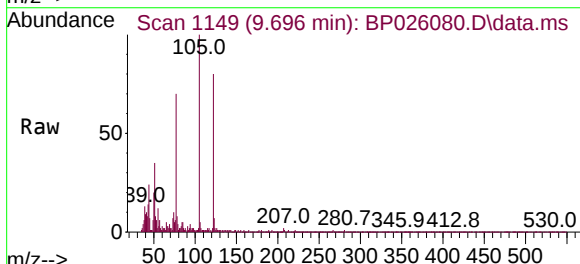
Instrument :
BNA_P
ClientSampleId :
FB-1

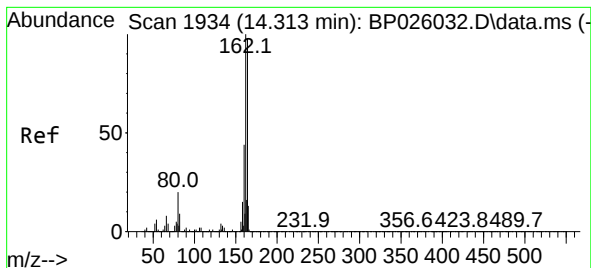
Tgt Ion: 82 Resp: 1765997
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.0
54 51.6 42.7 64.1



#32
Benzoic acid
Concen: 6.654 ng
RT: 9.696 min Scan# 1149
Delta R.T. -0.082 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:122 Resp: 29767
Ion Ratio Lower Upper
122 100
105 125.4 104.8 144.8
77 87.2 70.9 110.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

Instrument :

BNA_P

ClientSampleId :

FB-1

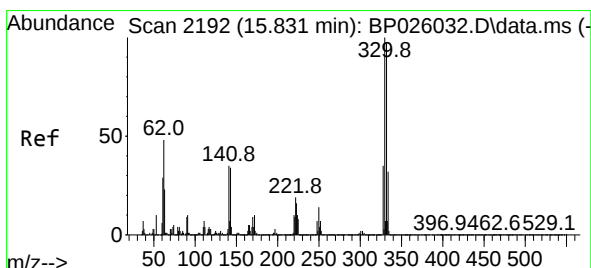
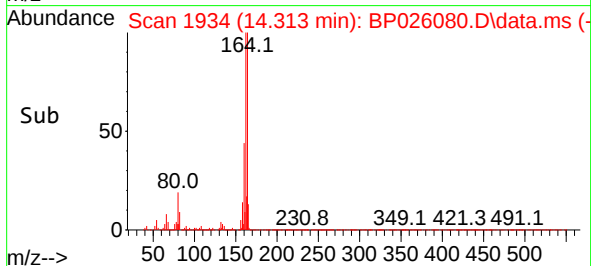
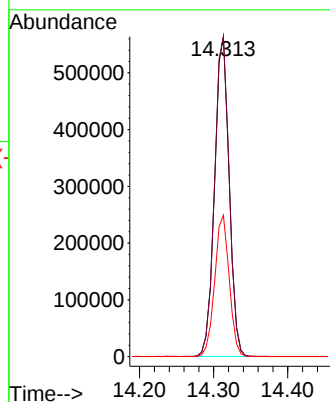
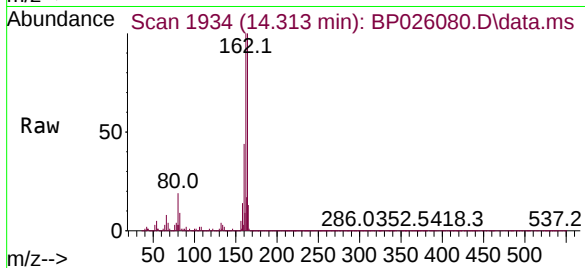
Tgt Ion:164 Resp: 769070

Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.2 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 161.890 ng

RT: 15.825 min Scan# 2191

Delta R.T. -0.006 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

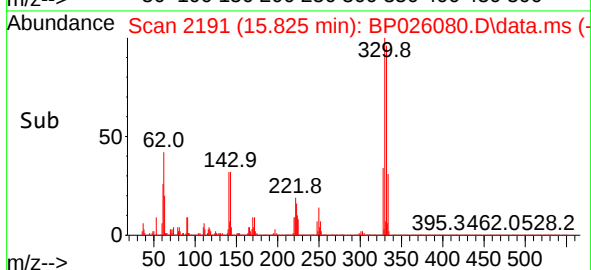
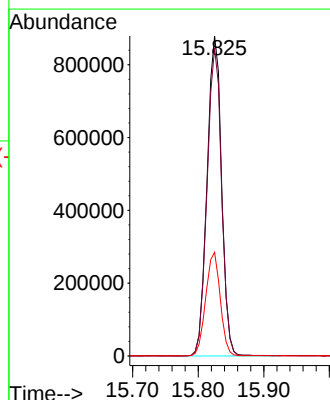
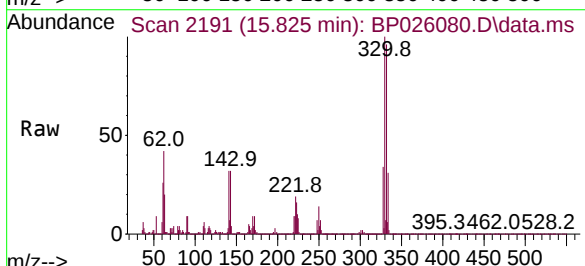
Tgt Ion:330 Resp: 1346021

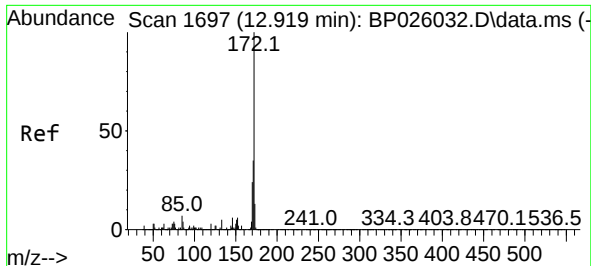
Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 32.5 28.6 42.8

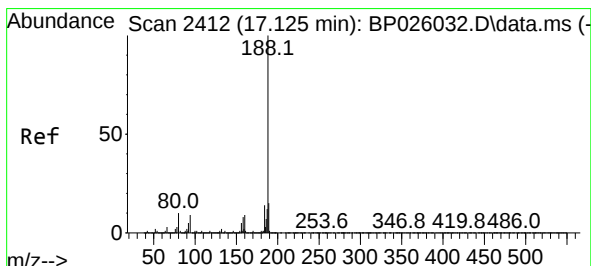
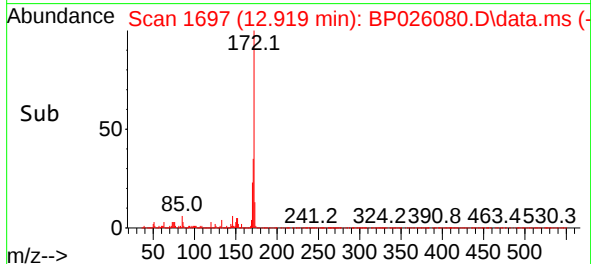
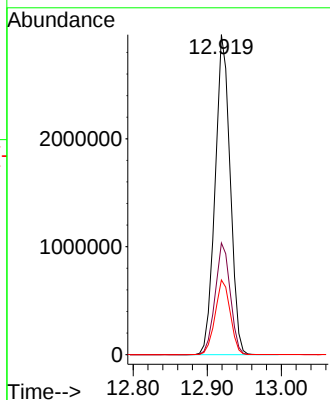
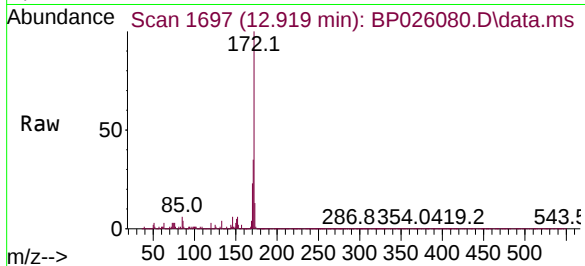




#45
2-Fluorobiphenyl
Concen: 77.980 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

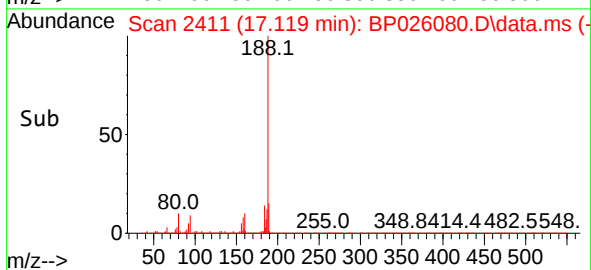
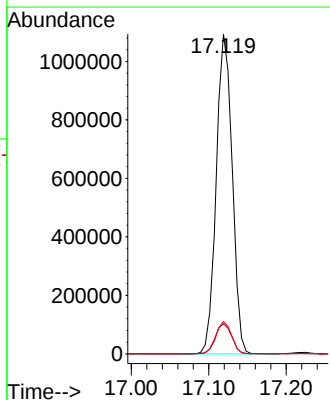
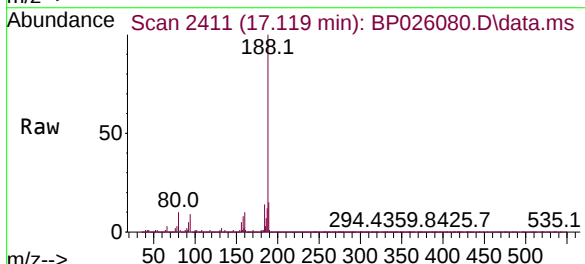
Instrument :
BNA_P
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FB-1

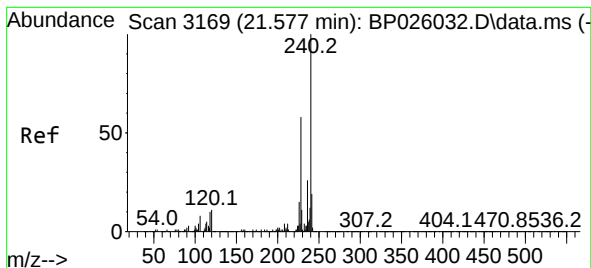
Tgt Ion:172 Resp: 4173637
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.119 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP026080.D
Acq: 06 Nov 2025 17:04

Tgt Ion:188 Resp: 1563789
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: 21.566 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

Instrument :

BNA_P

ClientSampleId :

FB-1

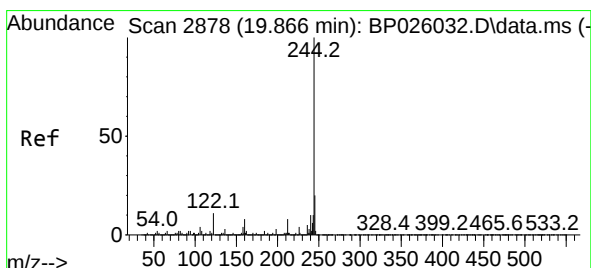
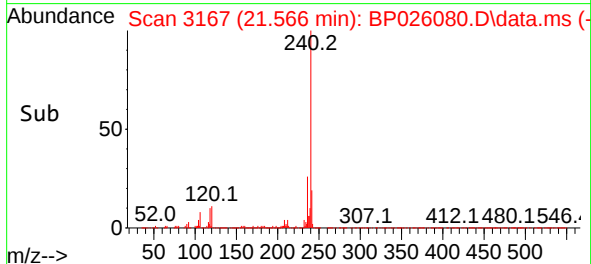
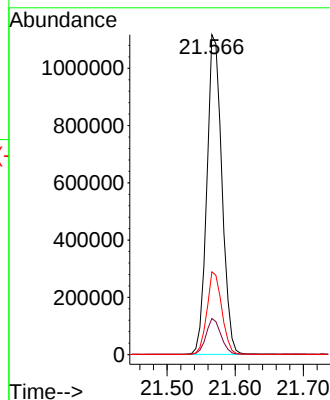
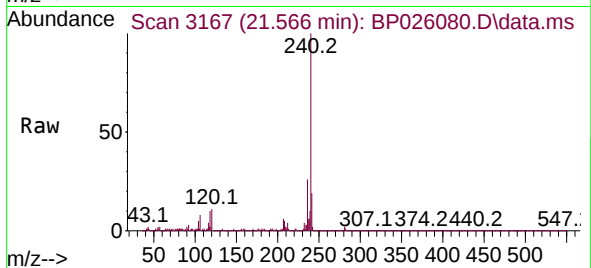
Tgt Ion:240 Resp: 1705423

Ion Ratio Lower Upper

240 100

120 11.3 8.9 13.3

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 86.115 ng

RT: 19.866 min Scan# 2878

Delta R.T. 0.000 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

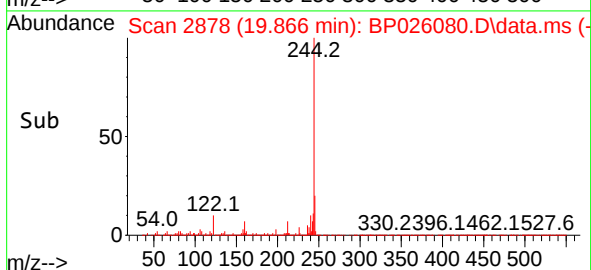
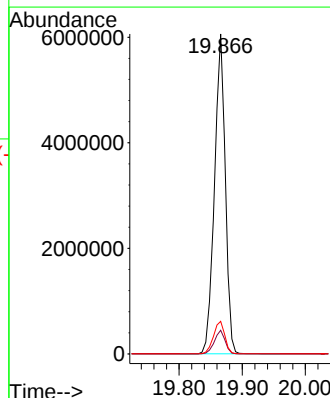
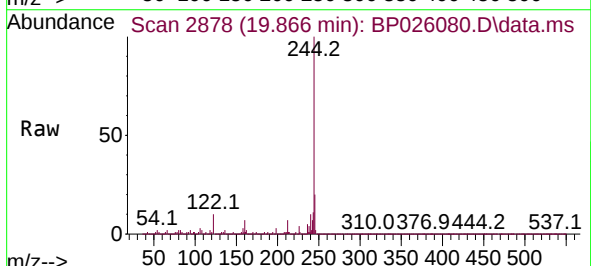
Tgt Ion:244 Resp: 7228578

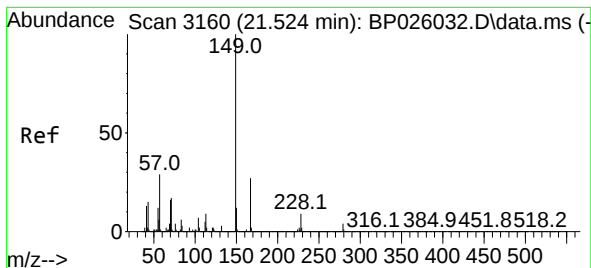
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.2 9.0 13.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.930 ng

RT: 21.519 min Scan# 31

Delta R.T. 0.001 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

Instrument :

BNA_P

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FB-1

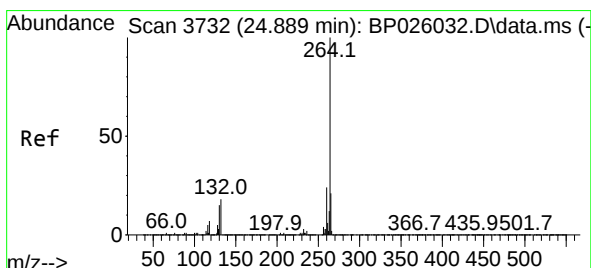
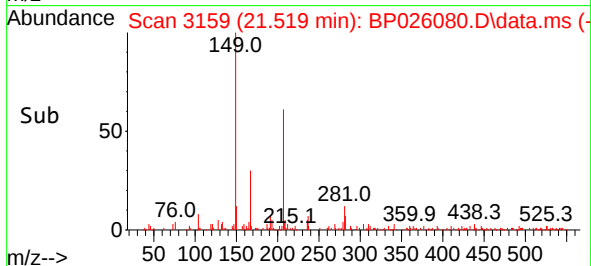
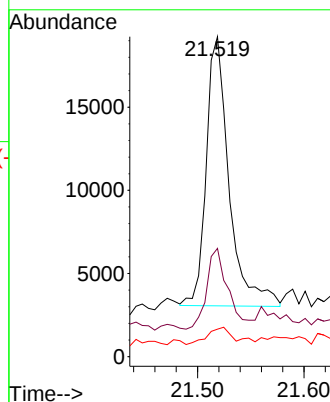
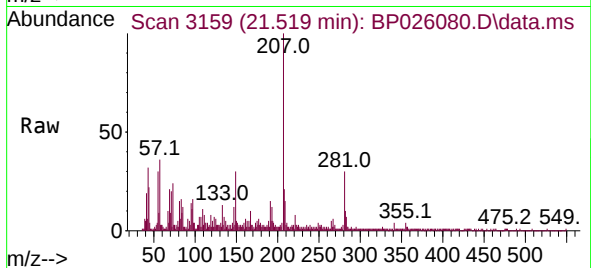
Tgt Ion:149 Resp: 24169

Ion Ratio Lower Upper

149 100

167 33.8 21.5 32.3#

279 8.6 3.0 4.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.889 min Scan# 3732

Delta R.T. 0.006 min

Lab File: BP026080.D

Acq: 06 Nov 2025 17:04

Tgt Ion:264 Resp: 2009785

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 17.2 25.8

