

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
 Data File : BP026127.D
 Acq On : 13 Nov 2025 14:05
 Operator : RC/JU
 Sample : PB170500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170500BL

Quant Time: Nov 13 14:31:12 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	7.655	152	254050	20.000	ng	-0.04
21) Naphthalene-d8	10.431	136	930565	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	549278	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1080192	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1203137	20.000	ng	0.02
86) Perylene-d12	24.924	264	1394967	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.266	112	2127520	138.186	ng	-0.03
7) Phenol-d6	6.825	99	2551349	130.196	ng	-0.03
23) Nitrobenzene-d5	8.796	82	1473972	98.744	ng	-0.03
42) 2,4,6-Tribromophenol	15.831	330	917930	154.580	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	3450652	90.270	ng	-0.02
79) Terphenyl-d14	19.878	244	5512132	93.081	ng	0.01

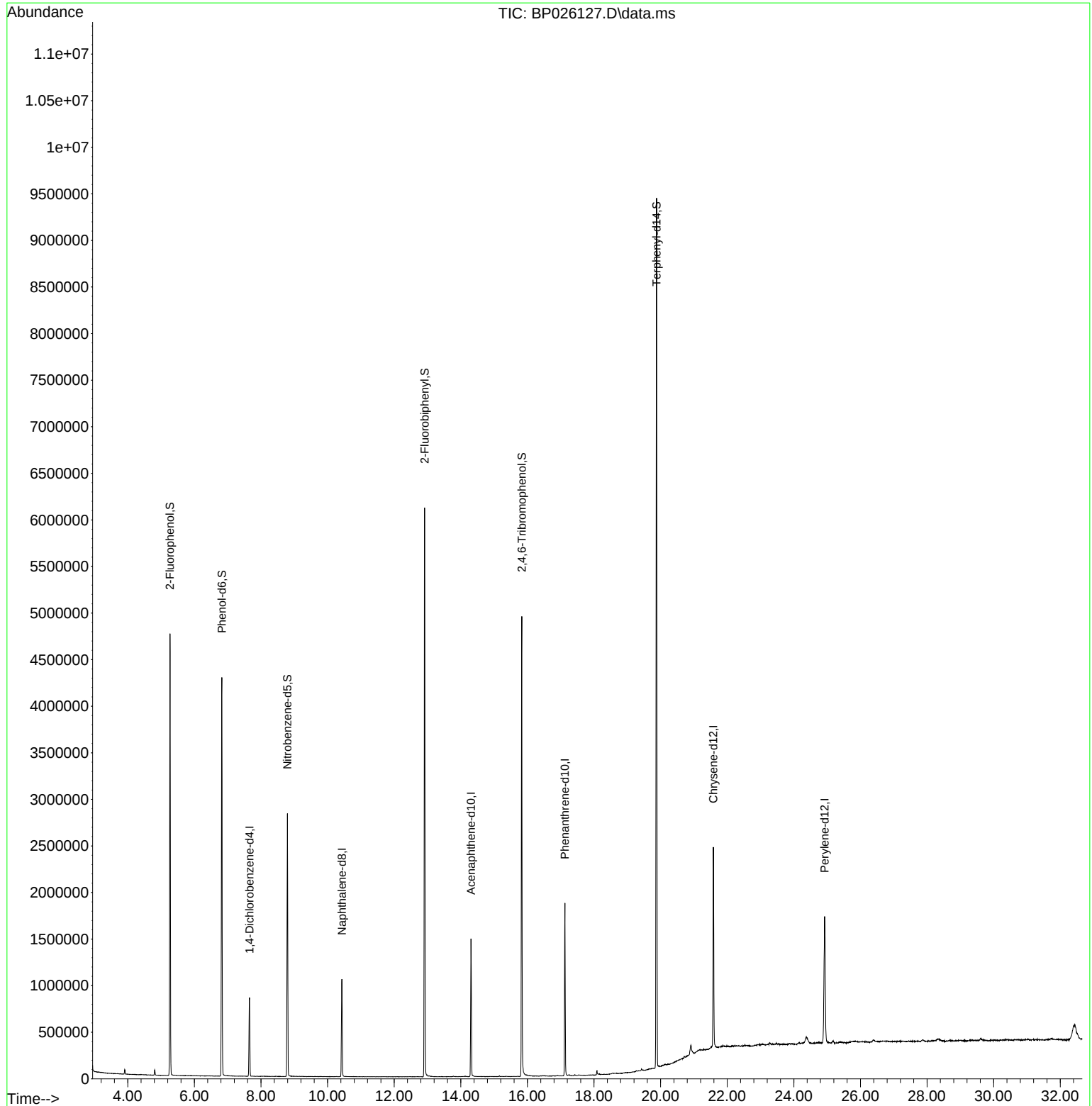
Target Compounds	Qvalue

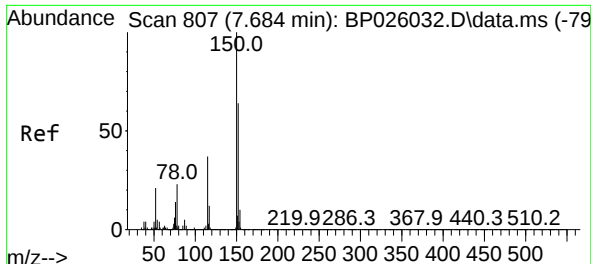
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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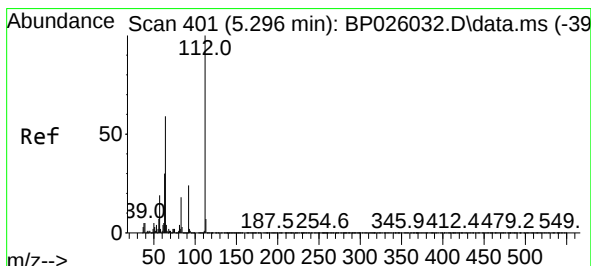
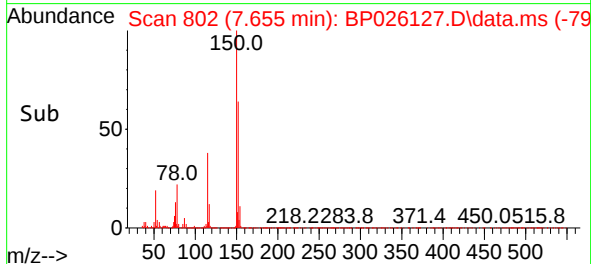
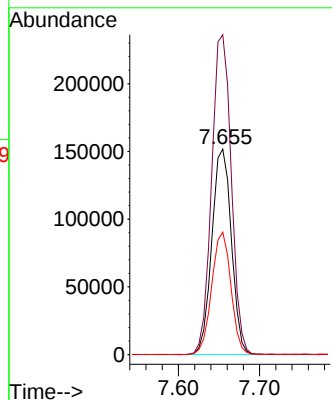
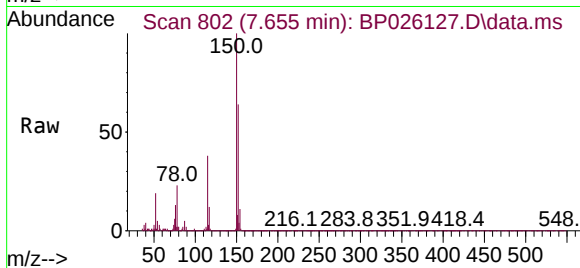




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.035 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

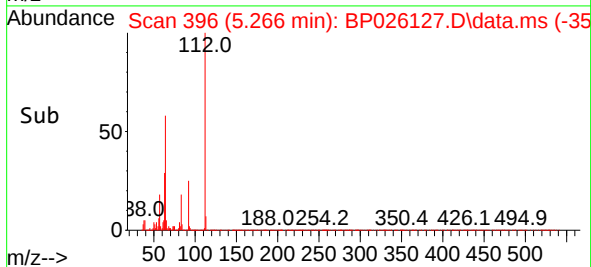
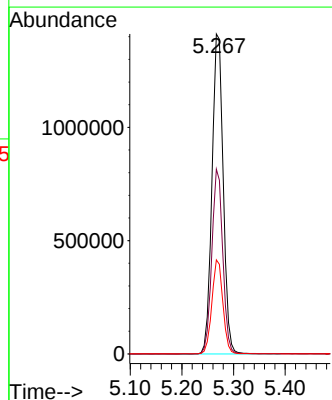
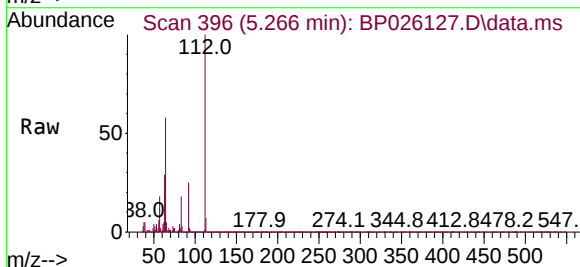
Instrument :
BNA_P
ClientSampleId :
PB170500BL

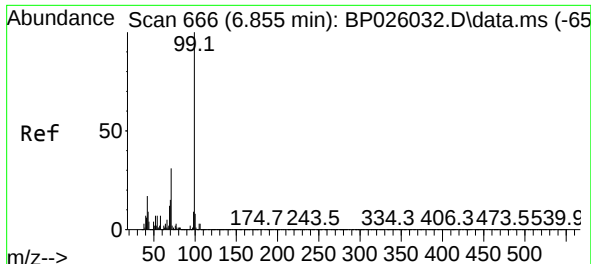
Tgt Ion:152 Resp: 254050
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 59.6 46.4 69.6



#5
2-Fluorophenol
Concen: 138.186 ng
RT: 5.266 min Scan# 396
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:112 Resp: 2127520
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.2
63 29.4 24.2 36.4



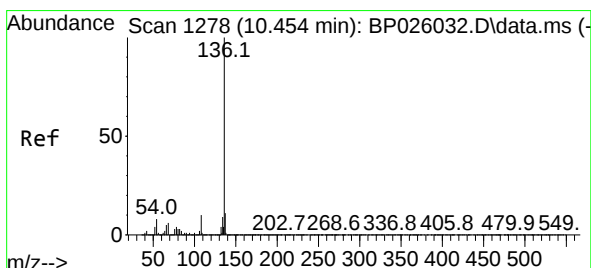
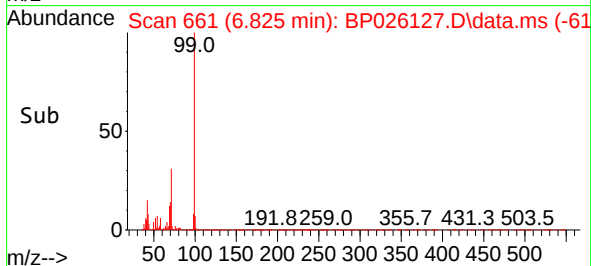
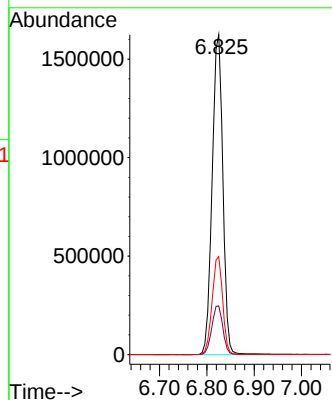
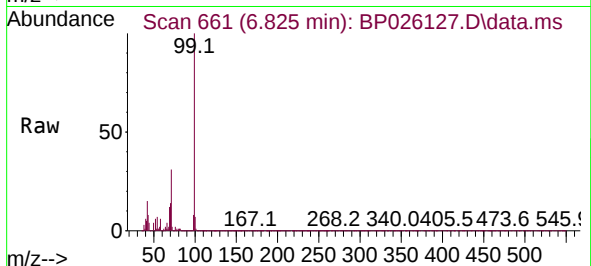


#7
Phenol-d6
Concen: 130.196 ng
RT: 6.825 min Scan# 60
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Instrument :
BNA_P
ClientSampleId :
PB170500BL

Tgt Ion: 99 Resp: 2551349

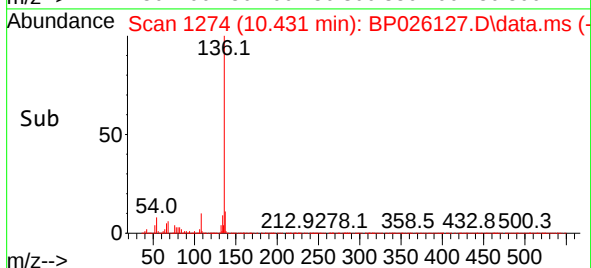
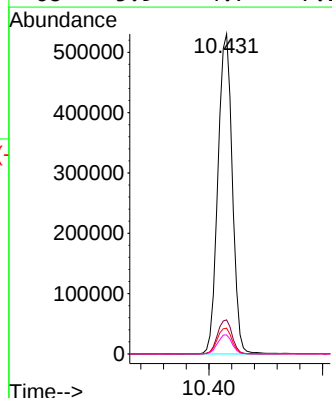
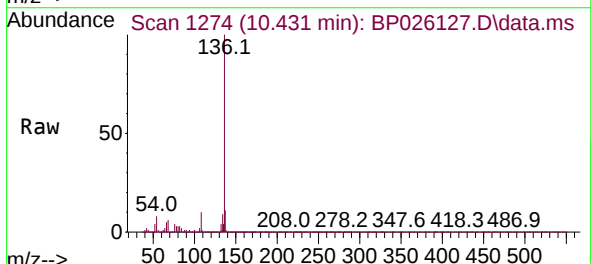
Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.7	20.5
71	30.6	24.4	36.6

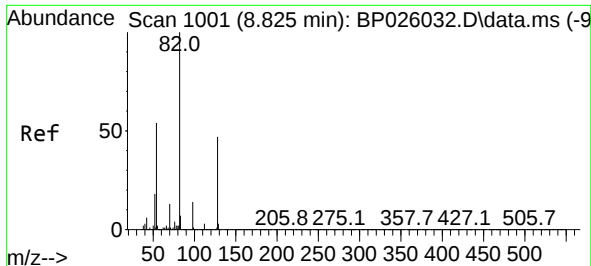


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:136 Resp: 930565

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.0	6.6	10.0
68	5.9	4.7	7.1

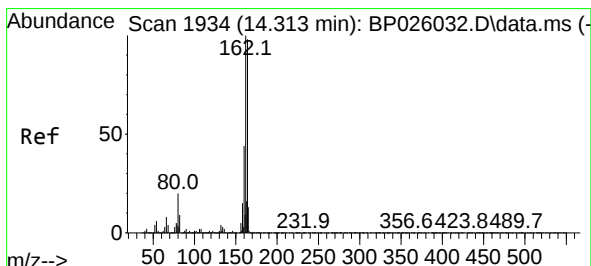
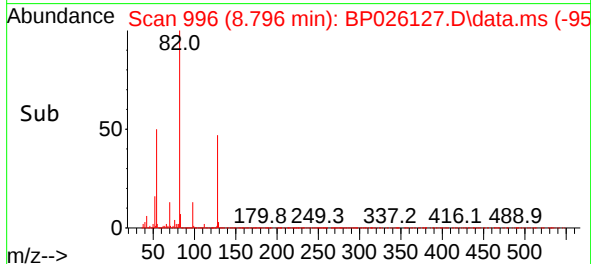
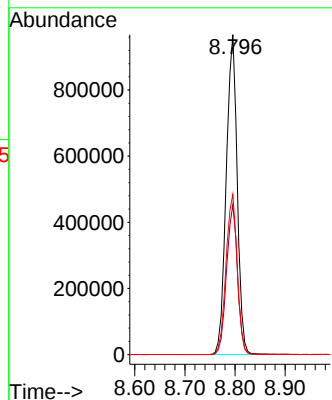
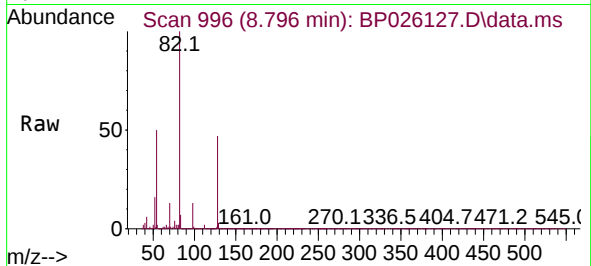




#23
Nitrobenzene-d5
Concen: 98.744 ng
RT: 8.796 min Scan# 99
Delta R.T. -0.029 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

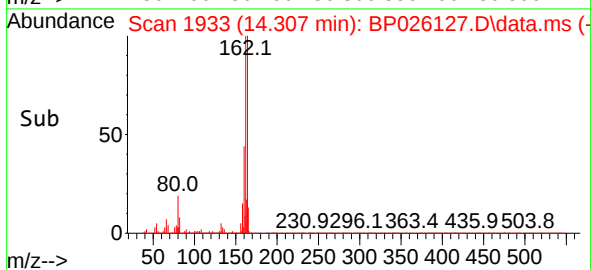
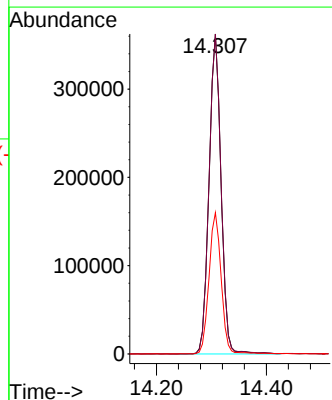
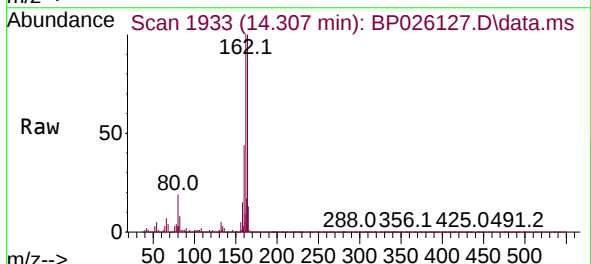
Instrument :
BNA_P
ClientSampleId :
PB170500BL

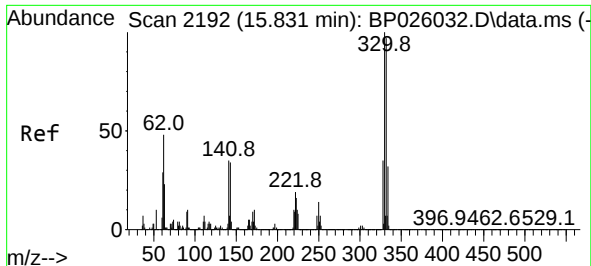
Tgt Ion: 82 Resp: 1473972
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 50.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:164 Resp: 549278
Ion Ratio Lower Upper
164 100
162 99.9 81.5 122.3
160 44.1 36.2 54.4

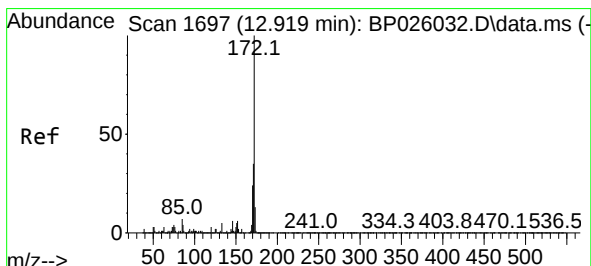
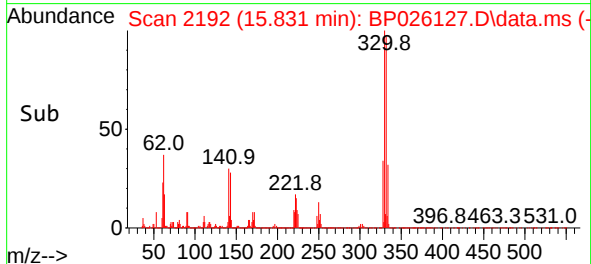
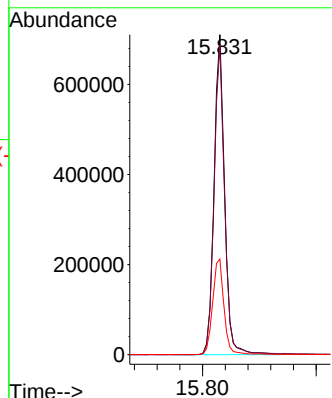
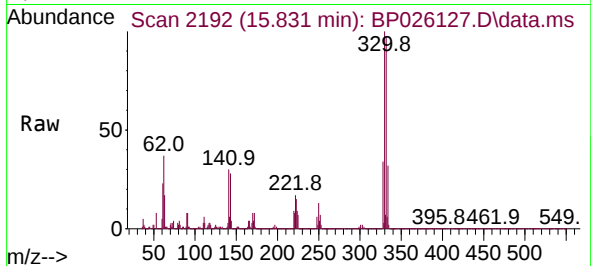




#42
2,4,6-Tribromophenol
Concen: 154.580 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

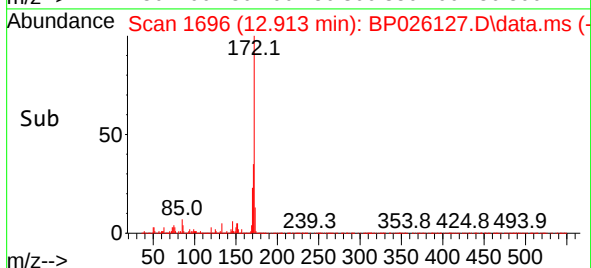
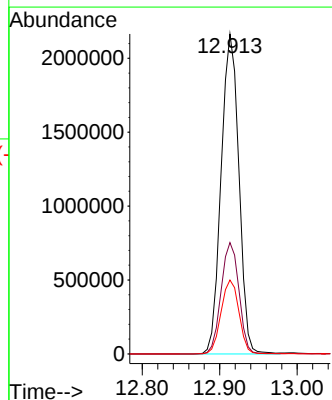
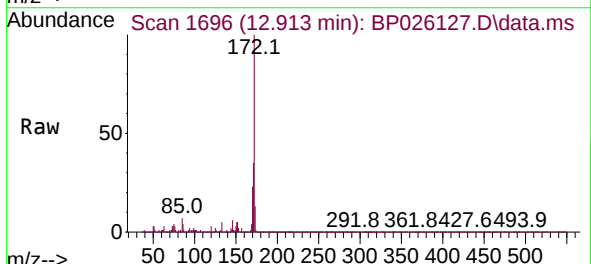
Instrument :
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ClientSampleId :
PB170500BL

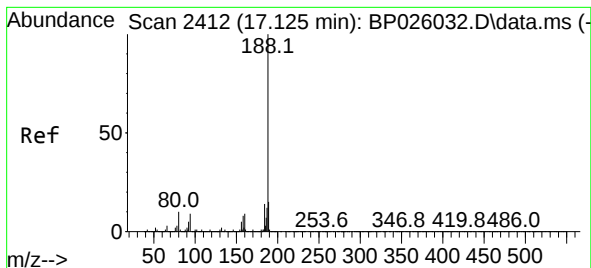
Tgt Ion:330 Resp: 917930
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 31.9 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 90.270 ng
RT: 12.913 min Scan# 1696
Delta R.T. -0.018 min
Lab File: BP026127.D
Acq: 13 Nov 2025 14:05

Tgt Ion:172 Resp: 3450652
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB170500BL

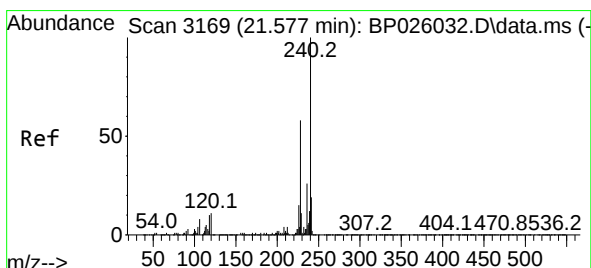
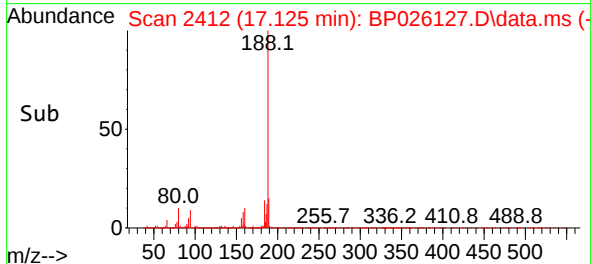
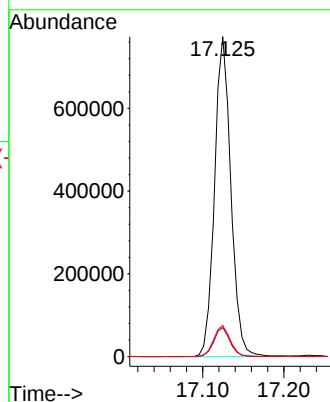
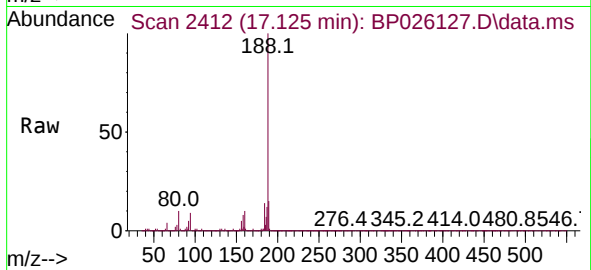
Tgt Ion:188 Resp: 1080192

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.7 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: BP026127.D

Acq: 13 Nov 2025 14:05

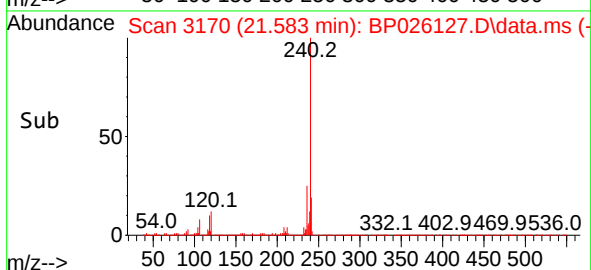
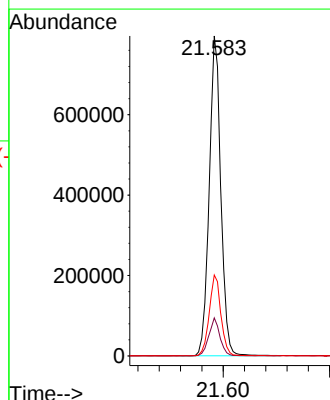
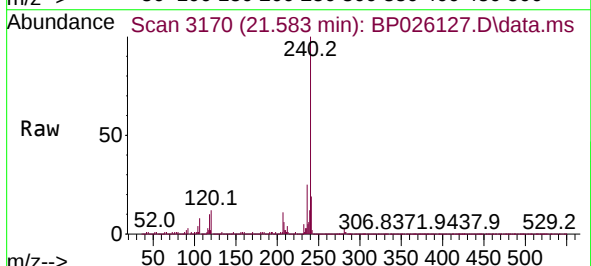
Tgt Ion:240 Resp: 1203137

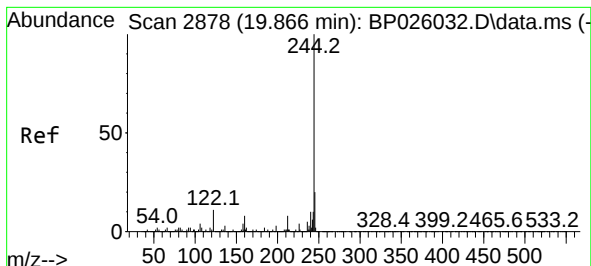
Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 93.081 ng

RT: 19.878 min Scan# 2878

Delta R.T. 0.012 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB170500BL

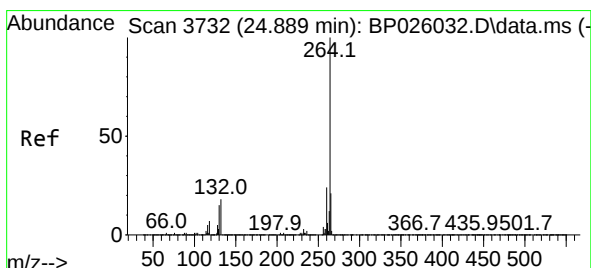
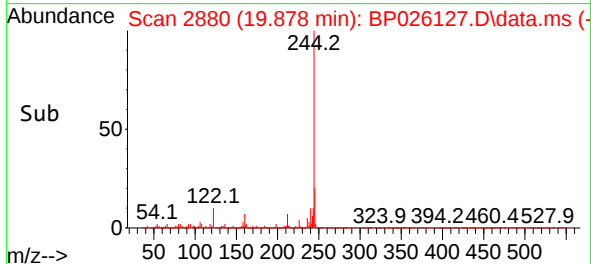
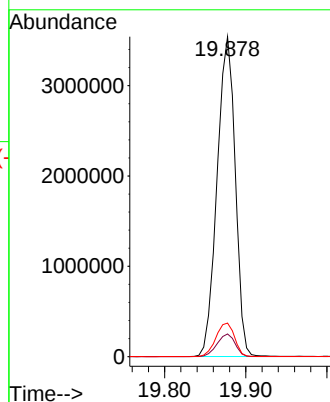
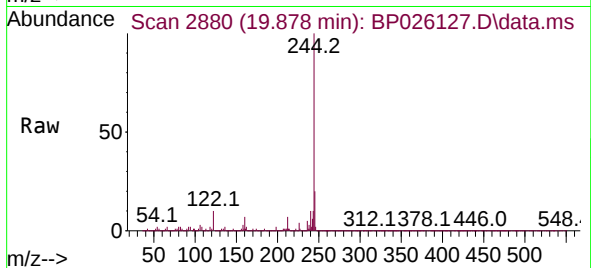
Tgt Ion:244 Resp: 5512132

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.5 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3738

Delta R.T. 0.041 min

Lab File: BP026127.D

Acq: 13 Nov 2025 14:05

Tgt Ion:264 Resp: 1394967

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.7 17.2 25.8

