

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
 Data File : BP026229.D
 Acq On : 03 Dec 2025 16:18
 Operator : RC/JU
 Sample : PB170806BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170806BL

Quant Time: Dec 03 16:38:39 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	7.660	152	286958	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1100845	20.000	ng	-0.03
39) Acenaphthene-d10	14.295	164	733702	20.000	ng	-0.03
64) Phenanthrene-d10	17.101	188	1440209	20.000	ng	-0.03
76) Chrysene-d12	21.530	240	1258755	20.000	ng	-0.04
86) Perylene-d12	24.818	264	1378657	20.000	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2152635	120.407	ng	0.00
7) Phenol-d6	6.843	99	2604324	114.425	ng	-0.01
23) Nitrobenzene-d5	8.795	82	1528066	78.846	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	1194772	125.529	ng	-0.02
45) 2-Fluorobiphenyl	12.895	172	4054772	80.995	ng	-0.04
79) Terphenyl-d14	19.830	244	5987189	96.986	ng	-0.04

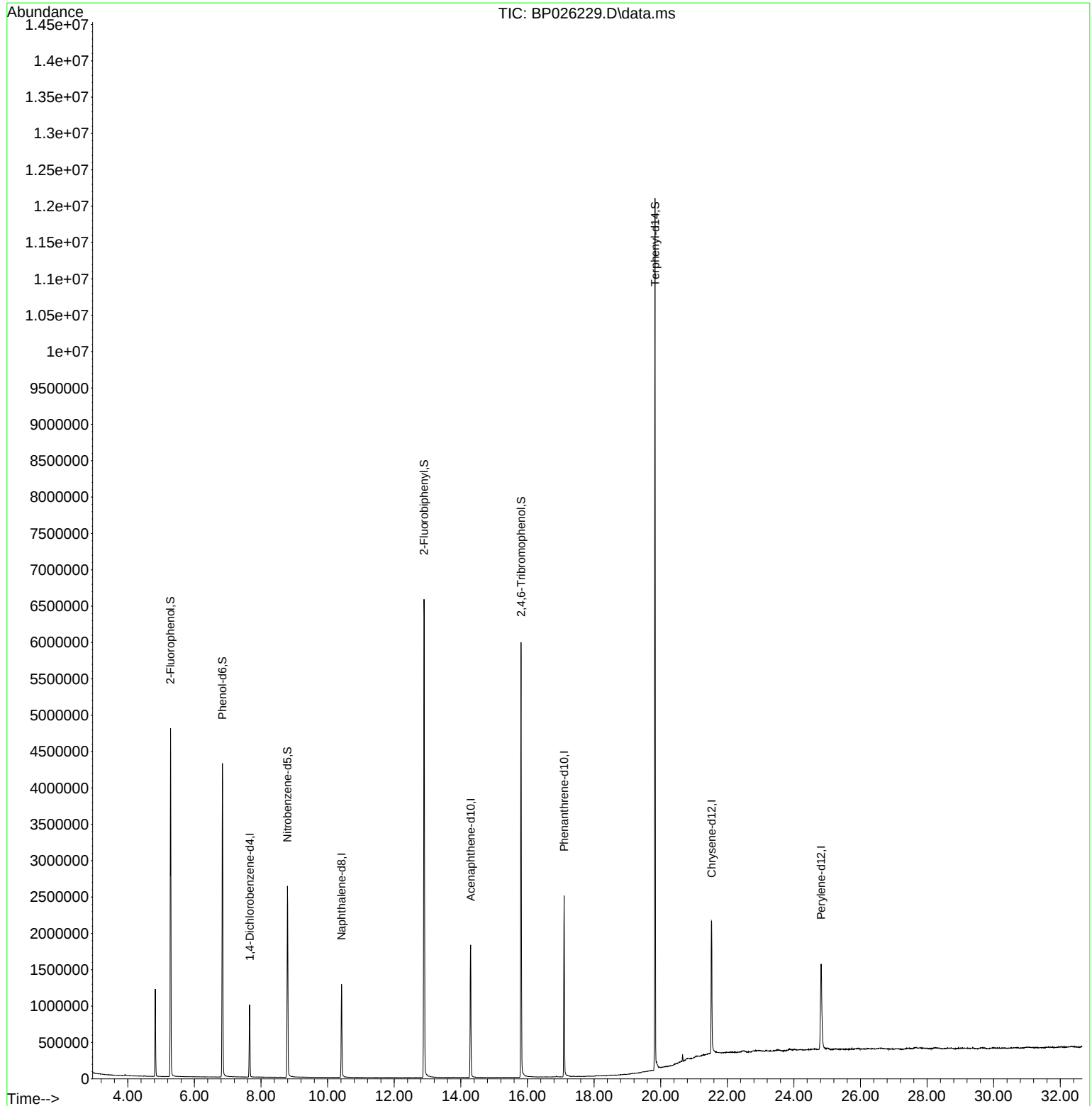
Target Compounds	Qvalue

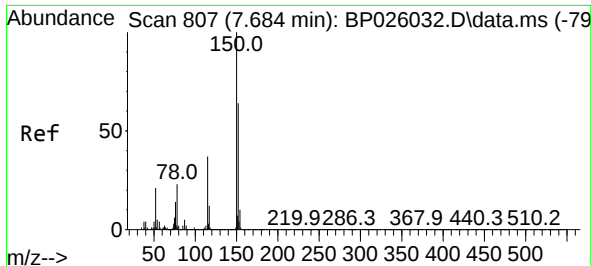
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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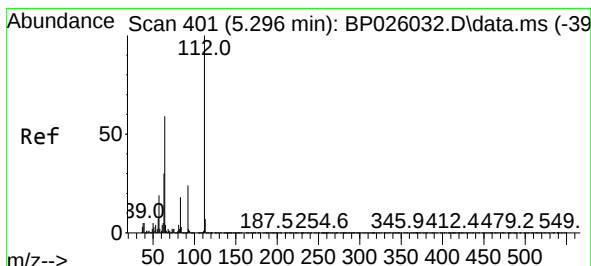
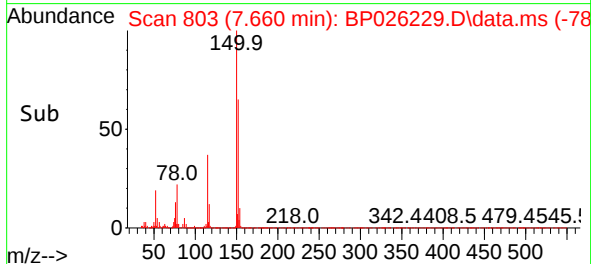
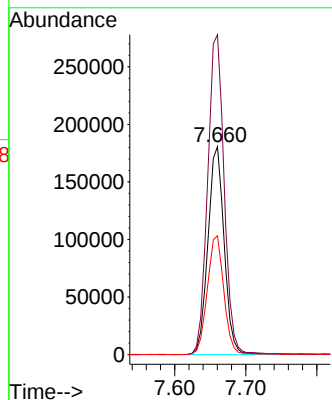
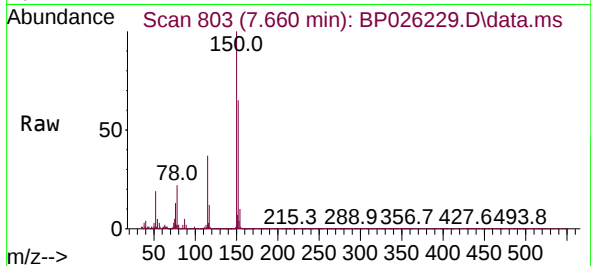




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

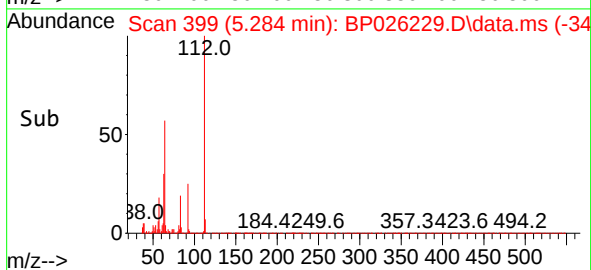
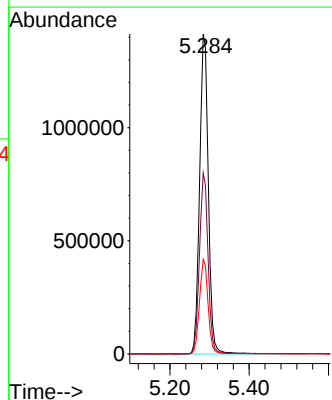
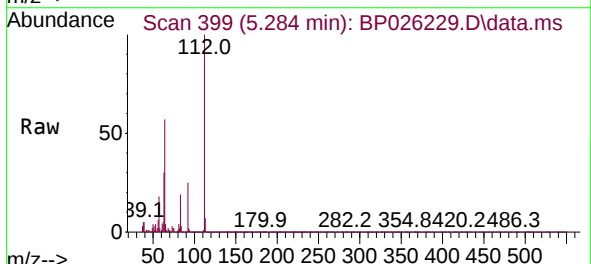
Instrument :
BNA_P
ClientSampleId :
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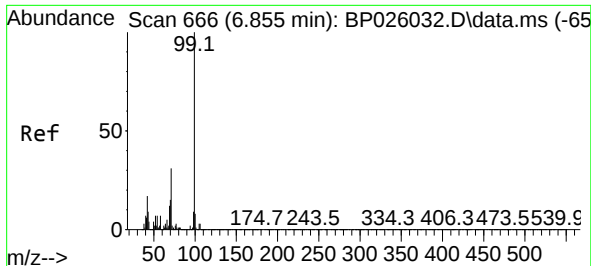
Tgt Ion:152 Resp: 286958
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.6
115 57.1 46.3 69.5



#5
2-Fluorophenol
Concen: 120.407 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:112 Resp: 2152635
Ion Ratio Lower Upper
112 100
64 56.5 45.8 68.6
63 29.5 23.5 35.3

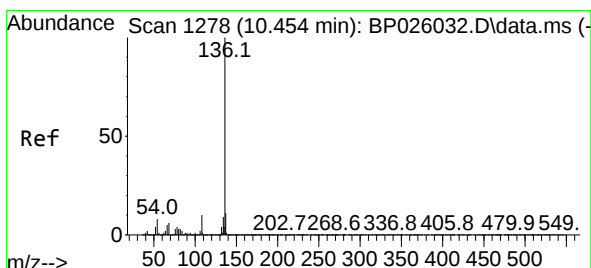
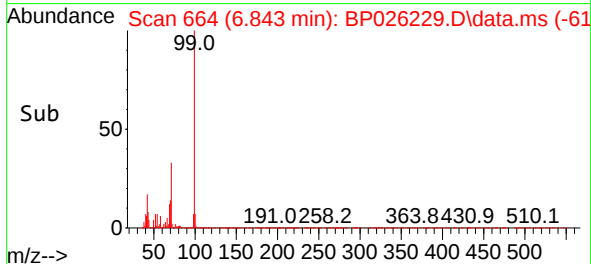
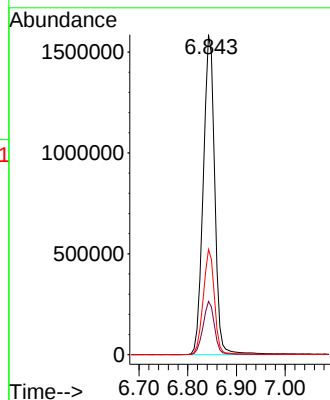
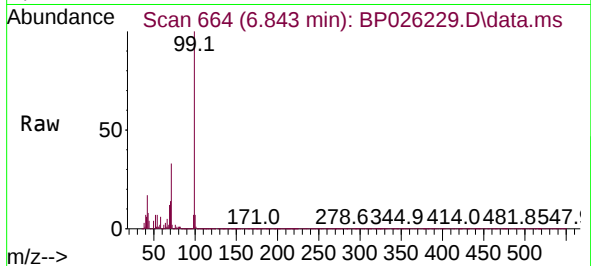




#7
Phenol-d6
Concen: 114.425 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

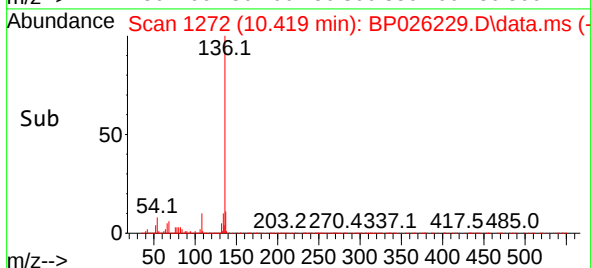
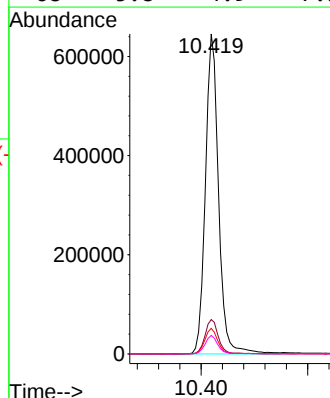
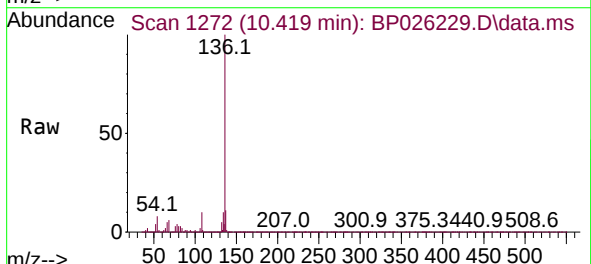
Instrument :
BNA_P
ClientSampleId :
PB170806BL

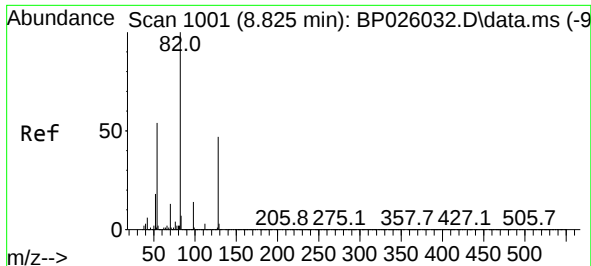
Tgt Ion: 99 Resp: 2604324
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 32.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.419 min Scan# 1272
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:136 Resp: 1100845
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.0 6.4 9.6
68 5.8 4.9 7.3

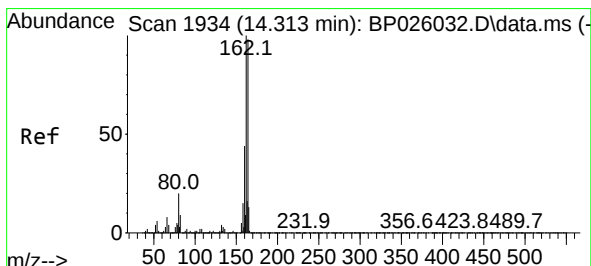
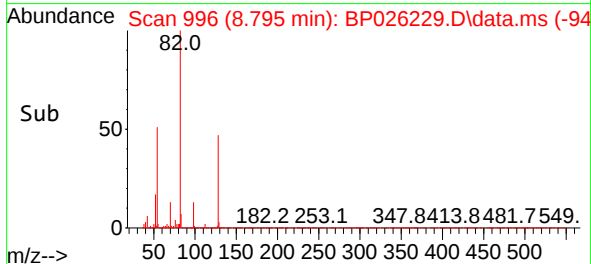
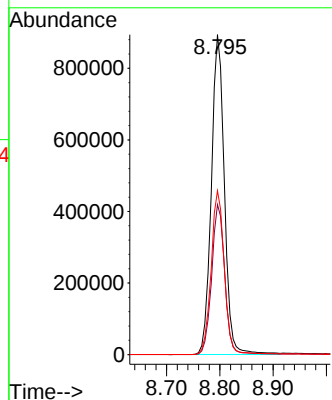
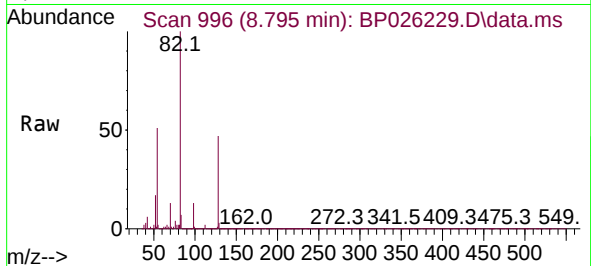




#23
Nitrobenzene-d5
Concen: 78.846 ng
RT: 8.795 min Scan# 99
Delta R.T. -0.018 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

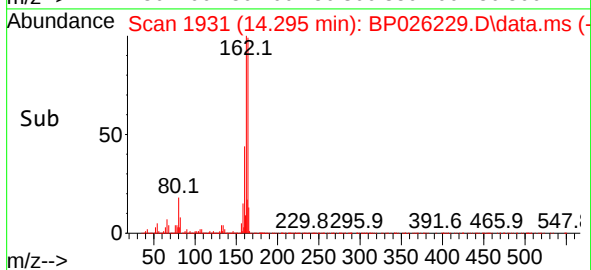
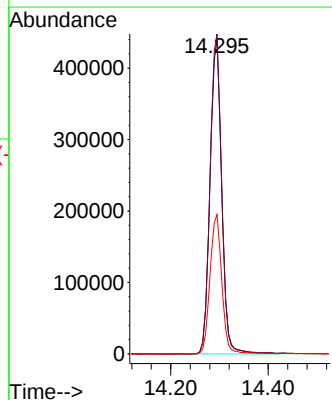
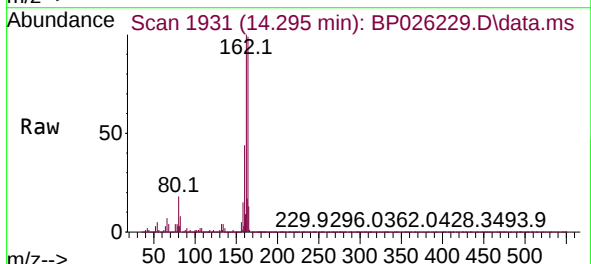
Instrument :
BNA_P
ClientSampleId :
PB170806BL

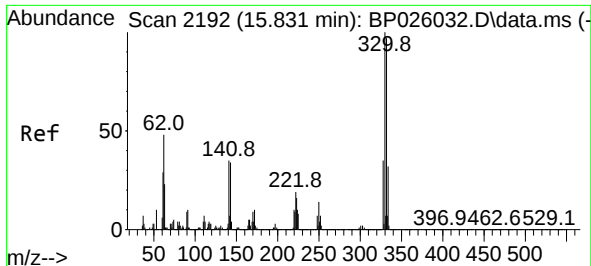
Tgt Ion: 82 Resp: 1528066
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.0
54 51.2 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.295 min Scan# 1931
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:164 Resp: 733702
Ion Ratio Lower Upper
164 100
162 101.3 80.3 120.5
160 44.1 35.2 52.8

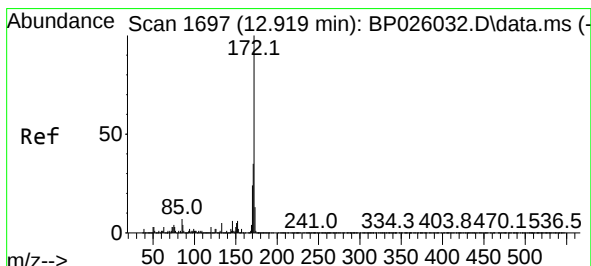
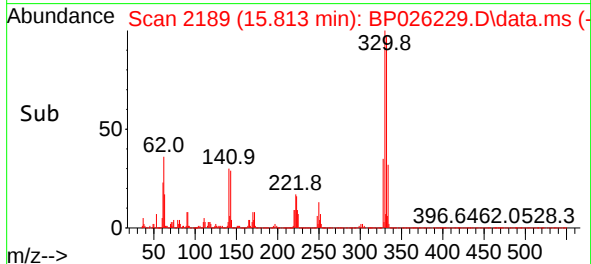
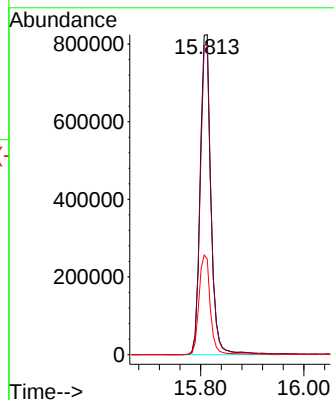
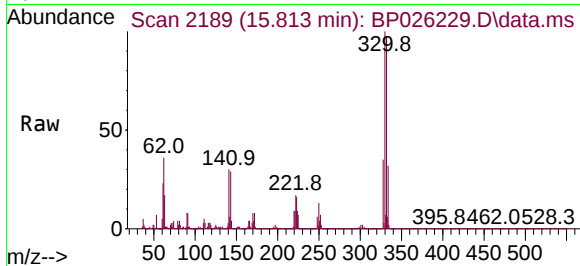




#42
2,4,6-Tribromophenol
Concen: 125.529 ng
RT: 15.813 min Scan# 2192
Delta R.T. -0.024 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

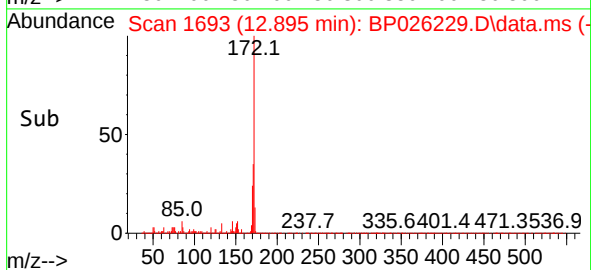
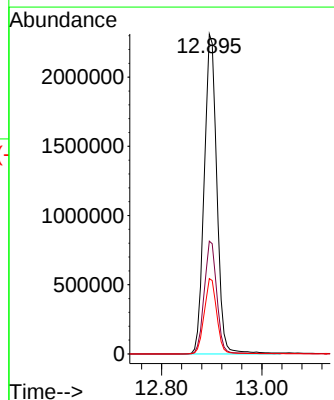
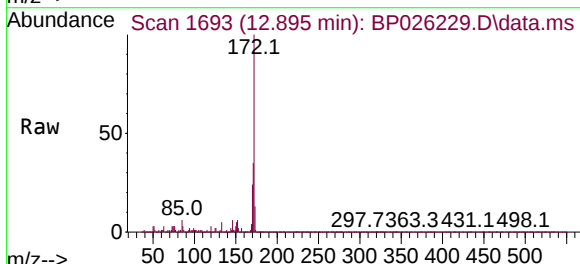
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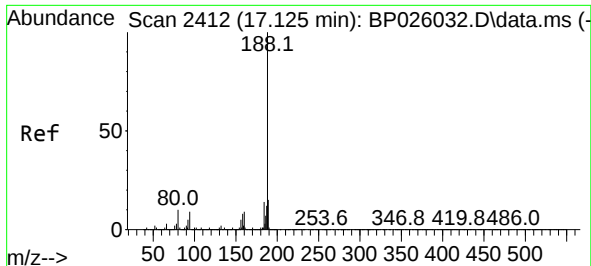
Tgt Ion: 330 Resp: 1194772
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 32.6 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 80.995 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.035 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion: 172 Resp: 4054772
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.5 18.7 28.1

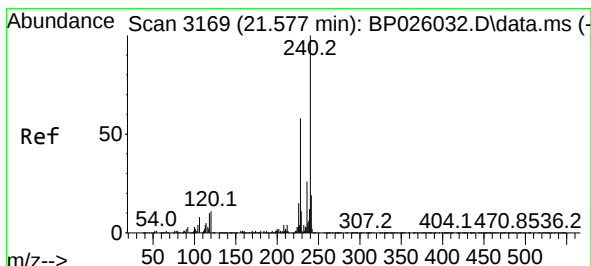
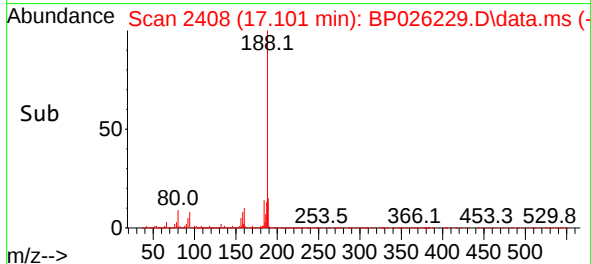
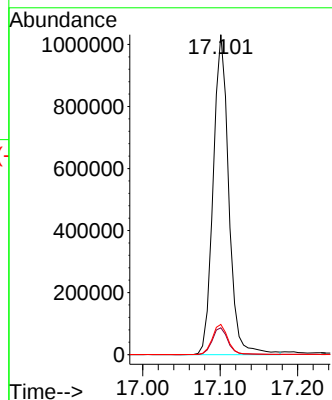
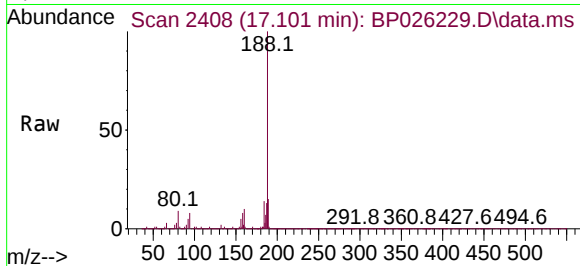




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.101 min Scan# 2412
Delta R.T. -0.030 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

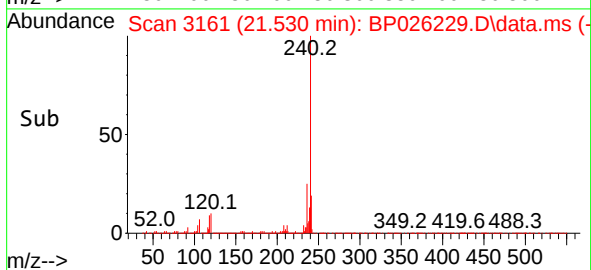
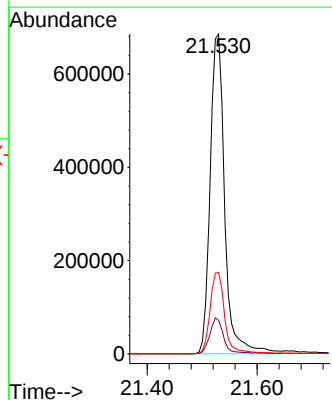
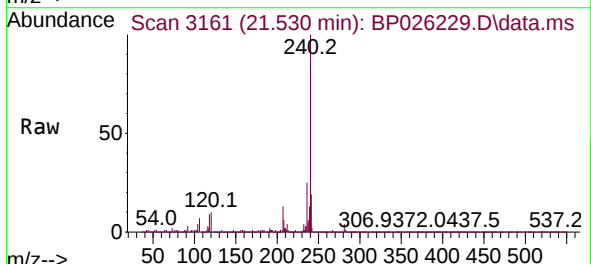
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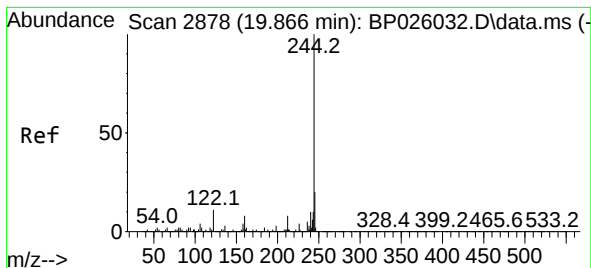
Tgt Ion:188 Resp: 1440209
Ion Ratio Lower Upper
188 100
94 8.4 7.8 11.6
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.041 min
Lab File: BP026229.D
Acq: 03 Dec 2025 16:18

Tgt Ion:240 Resp: 1258755
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 25.5 20.4 30.6





#79

Terphenyl-d14

Concen: 96.986 ng

RT: 19.830 min Scan# 21

Delta R.T. -0.041 min

Lab File: BP026229.D

Acq: 03 Dec 2025 16:18

Instrument :

BNA_P

ClientSampleId :

PB170806BL

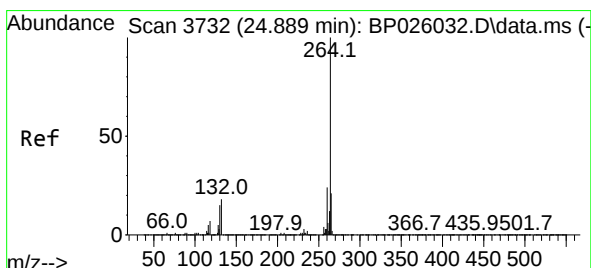
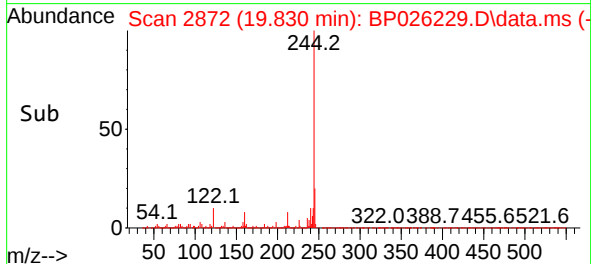
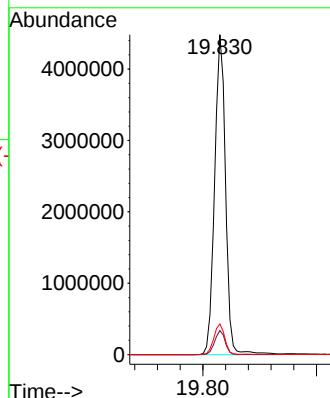
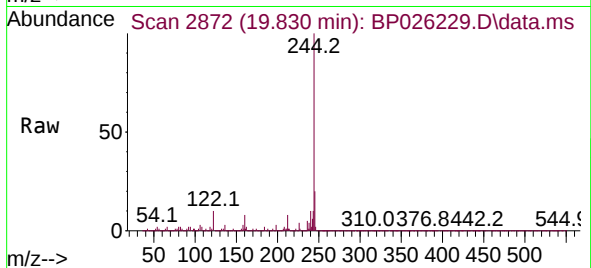
Tgt Ion:244 Resp: 5987189

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.6 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3720

Delta R.T. -0.088 min

Lab File: BP026229.D

Acq: 03 Dec 2025 16:18

Tgt Ion:264 Resp: 1378657

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 17.5 26.3

