

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026176.D
 Acq On : 20 Nov 2025 15:57
 Operator : RC/JU
 Sample : Q3678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMPOSITE-STONE

Quant Time: Nov 20 16:17:22 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	7.666	152	316216	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1202320	20.000	ng	-0.02
39) Acenaphthene-d10	14.307	164	685702	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1249922	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1326906	20.000	ng	0.00
86) Perylene-d12	24.901	264	1629466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1473297	74.783	ng	0.00
7) Phenol-d6	6.843	99	1817892	72.482	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1050909	49.649	ng	-0.01
42) 2,4,6-Tribromophenol	15.825	330	593132	66.680	ng	-0.01
45) 2-Fluorobiphenyl	12.913	172	2459207	52.562	ng	-0.02
79) Terphenyl-d14	19.872	244	3210907	49.342	ng	0.00

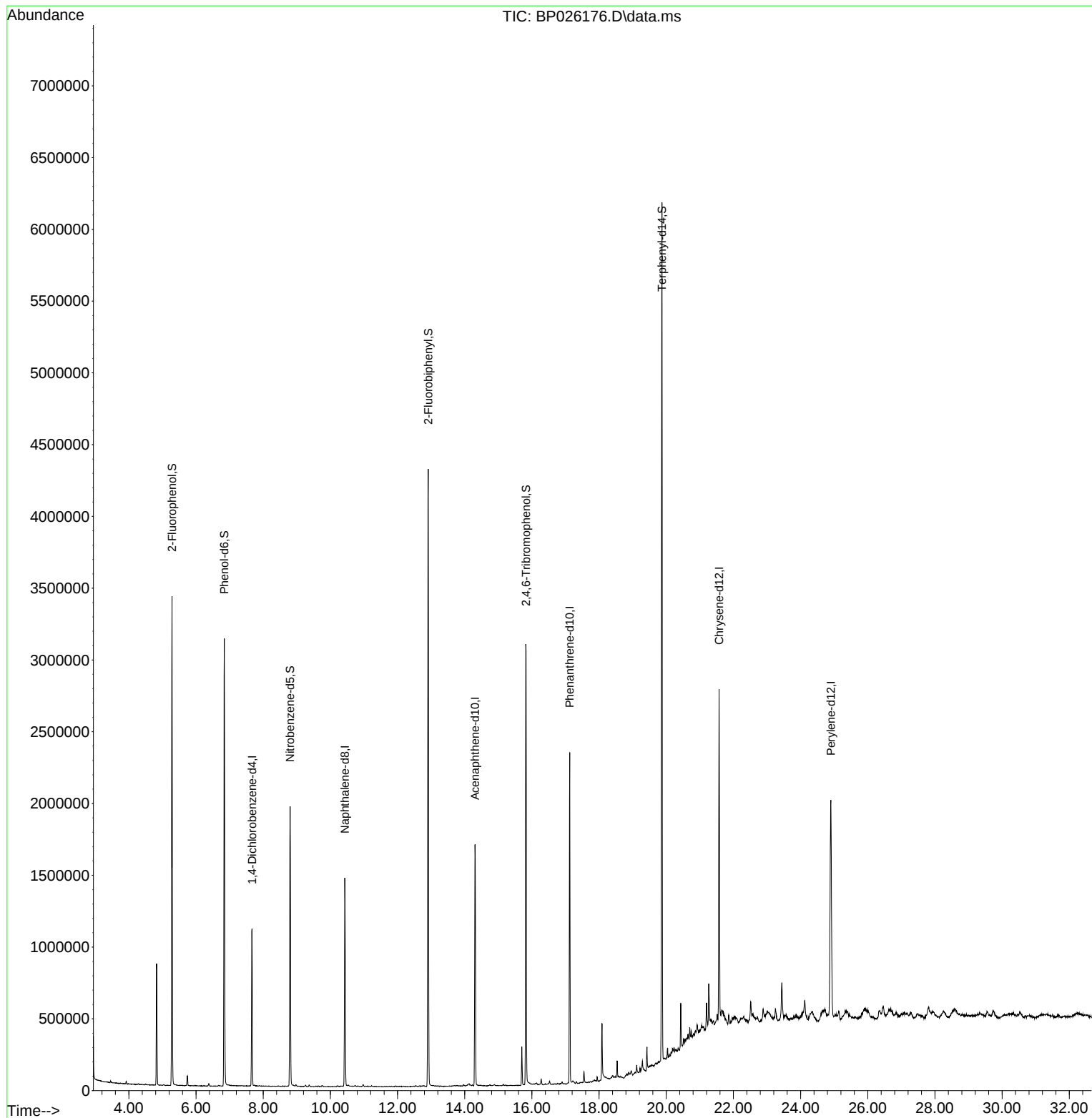
Target Compounds	Qvalue

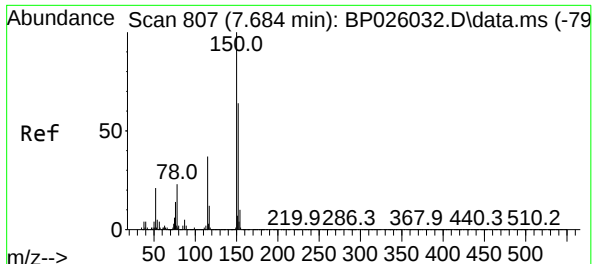
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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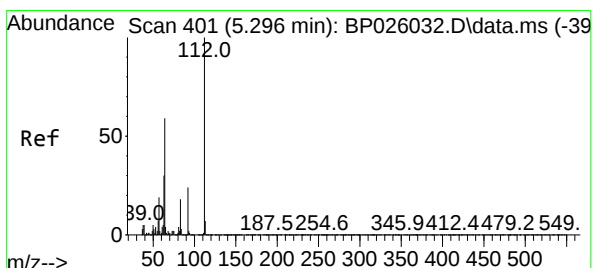
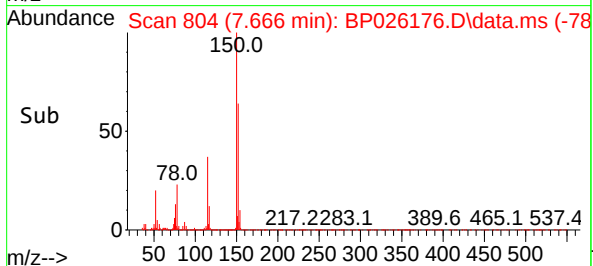
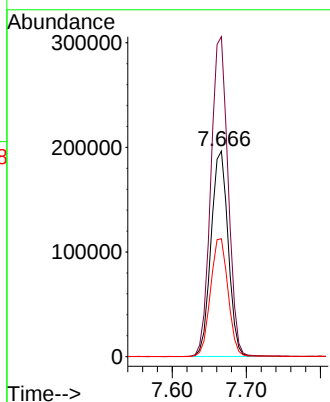
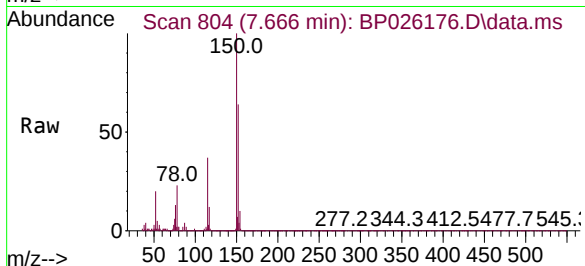




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

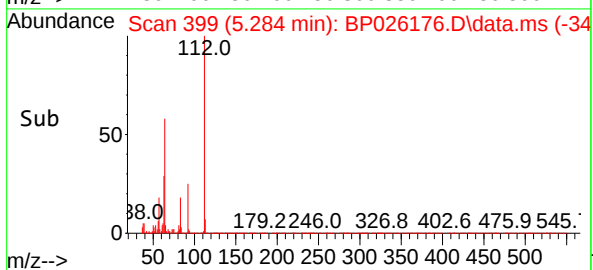
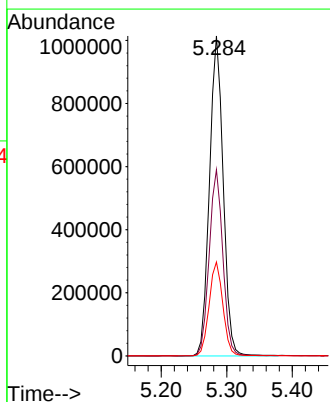
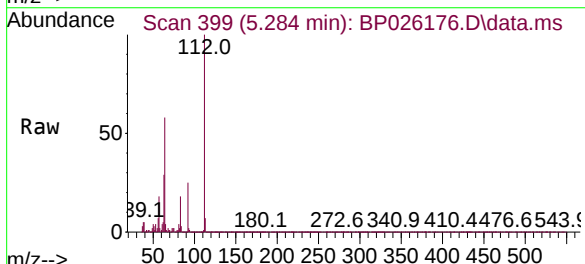
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-STONE

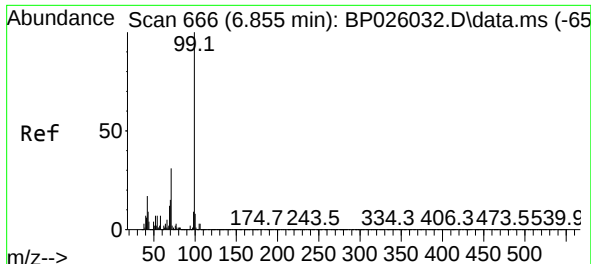
Tgt Ion:152 Resp: 316216
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 57.4 46.3 69.5



#5
2-Fluorophenol
Concen: 74.783 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

Tgt Ion:112 Resp: 1473297
Ion Ratio Lower Upper
112 100
64 58.2 45.8 68.6
63 29.3 23.5 35.3

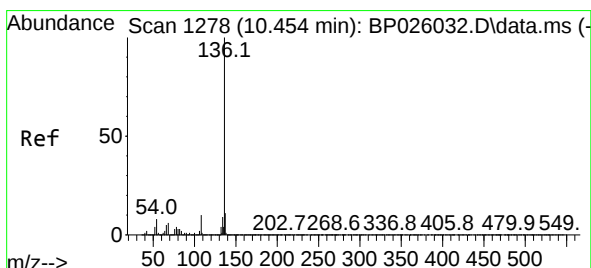
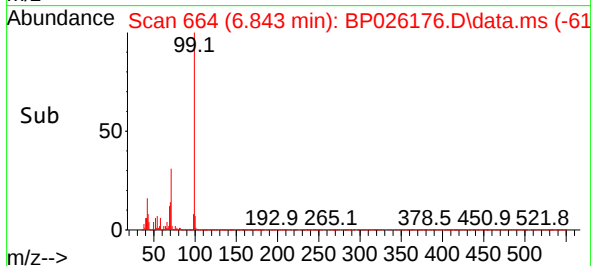
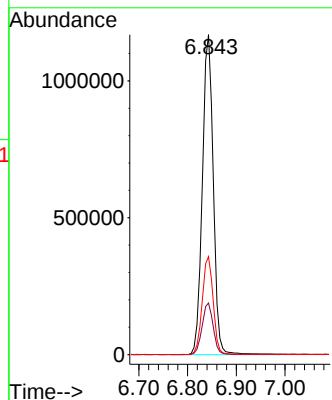
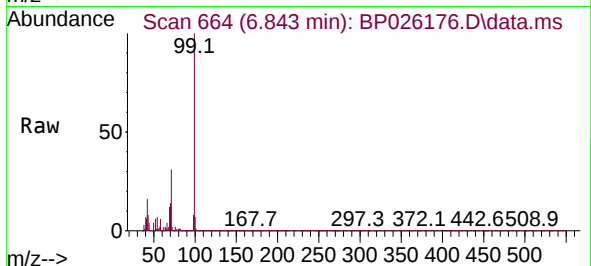




#7
Phenol-d6
Concen: 72.482 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

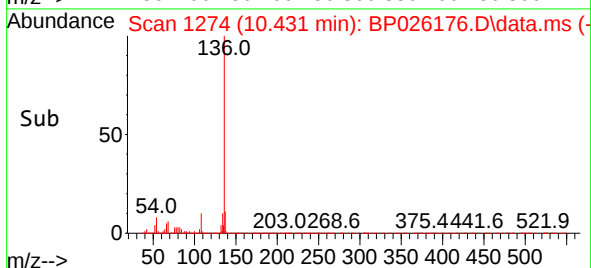
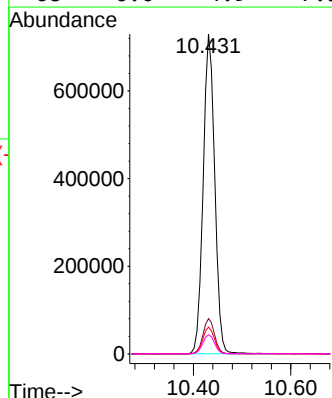
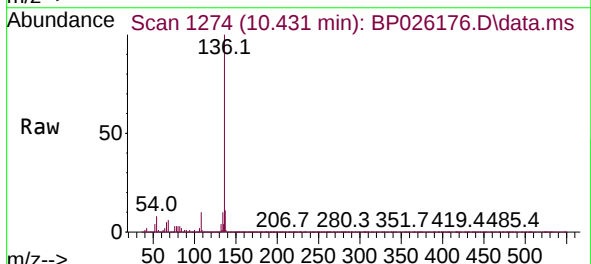
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-STONE

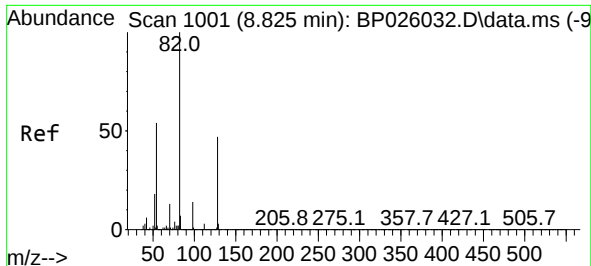
Tgt Ion: 99 Resp: 1817892
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 30.7 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

Tgt Ion:136 Resp: 1202320
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 6.4 9.6
68 6.0 4.9 7.3

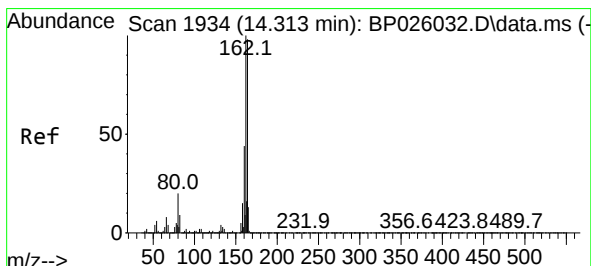
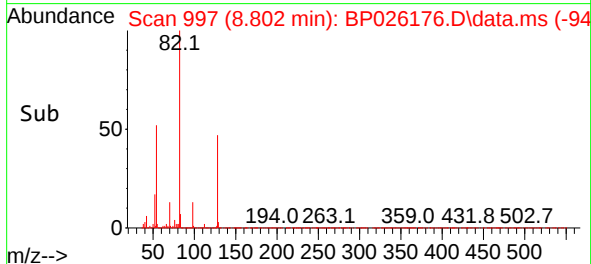
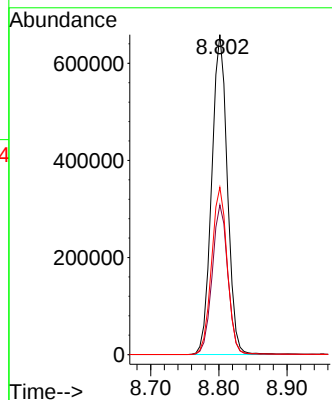
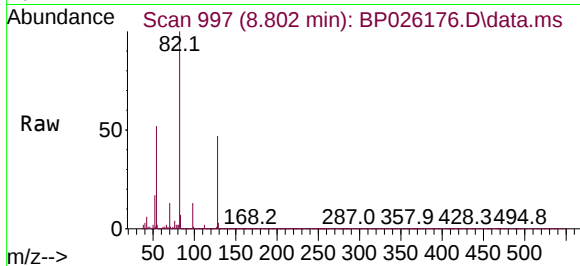




#23
Nitrobenzene-d5
Concen: 49.649 ng
RT: 8.802 min Scan# 99
Delta R.T. -0.012 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

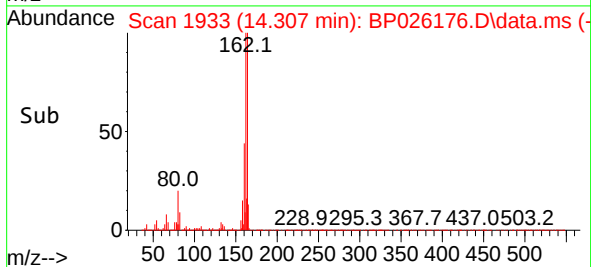
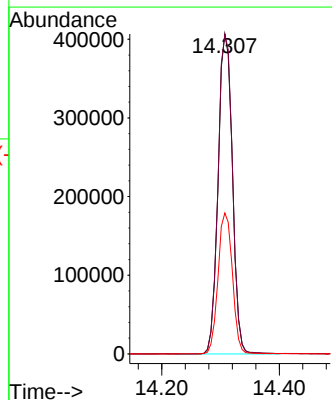
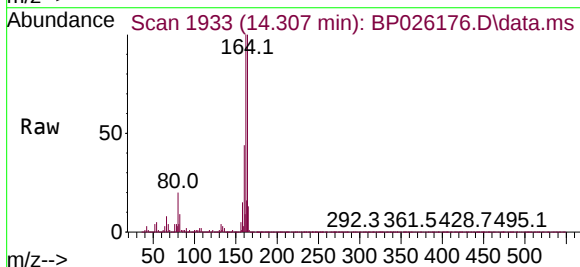
Instrument :
BNA_P
ClientSampleId :
COMPOSITE-STONE

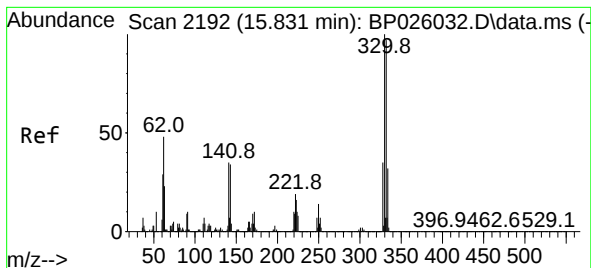
Tgt Ion: 82 Resp: 1050909
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.0
54 52.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.307 min Scan# 1933
Delta R.T. -0.017 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

Tgt Ion: 164 Resp: 685702
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 66.680 ng

RT: 15.825 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026176.D

Acq: 20 Nov 2025 15:57

Instrument :

BNA_P

ClientSampleId :

COMPOSITE-STONE

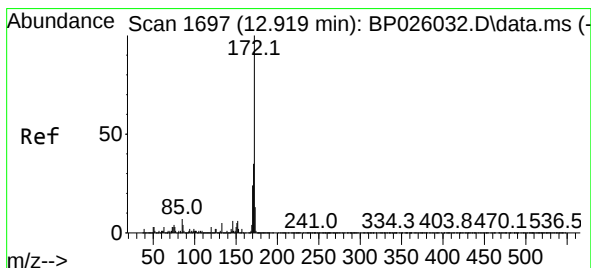
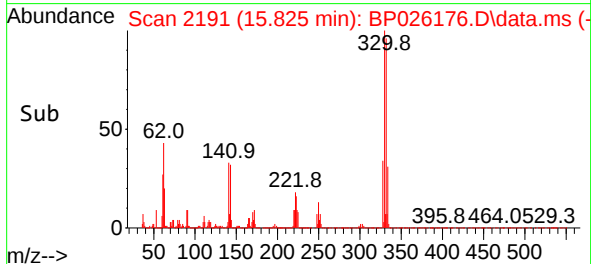
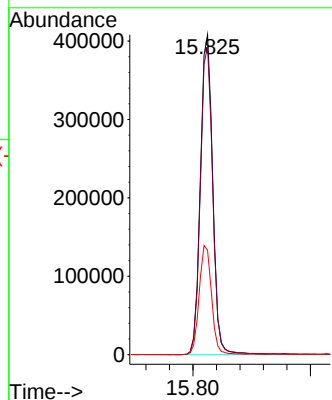
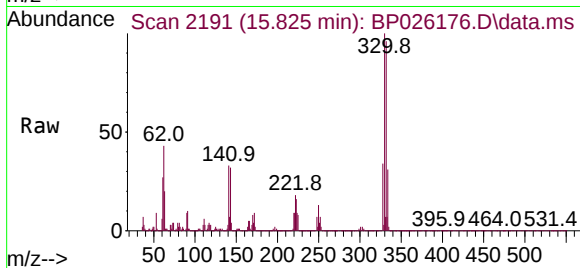
Tgt Ion:330 Resp: 593132

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

141 34.2 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 52.562 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026176.D

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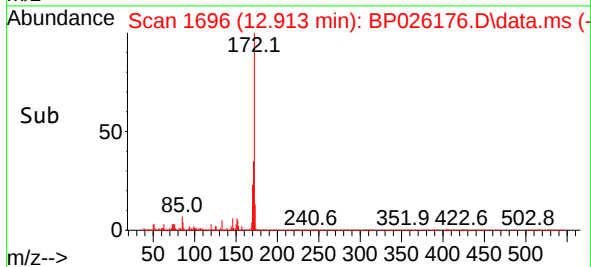
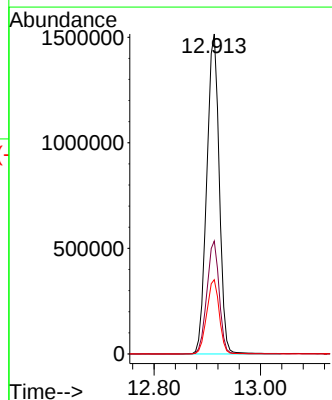
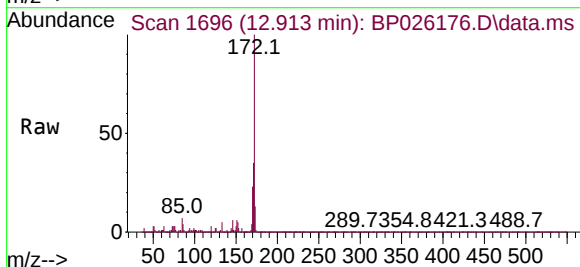
Tgt Ion:172 Resp: 2459207

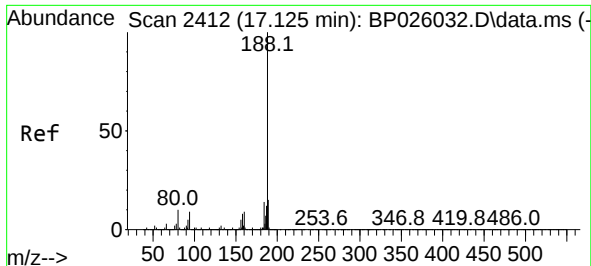
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.2 18.7 28.1

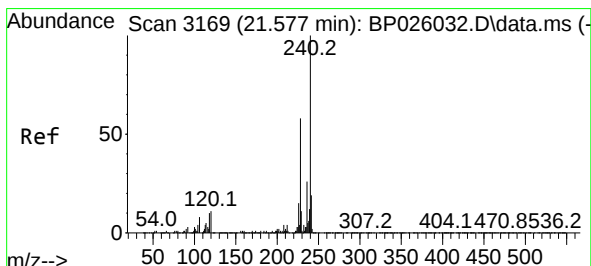
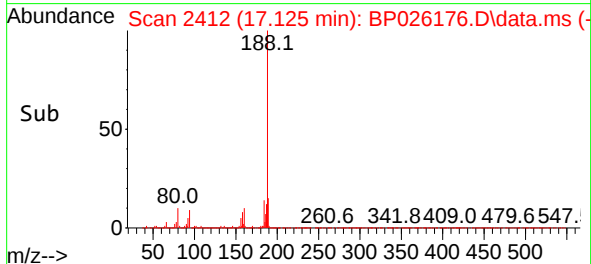
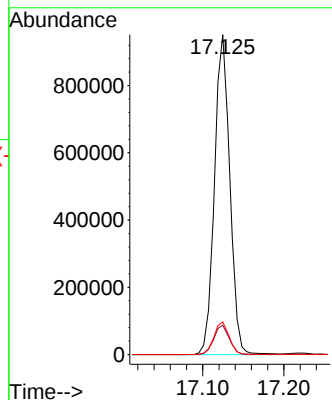
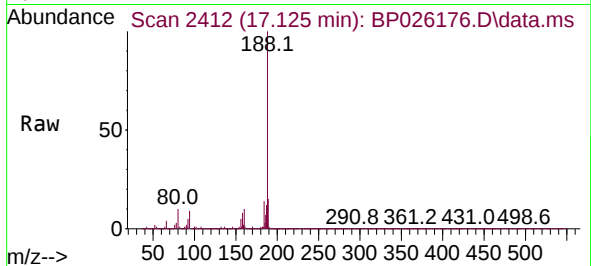




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

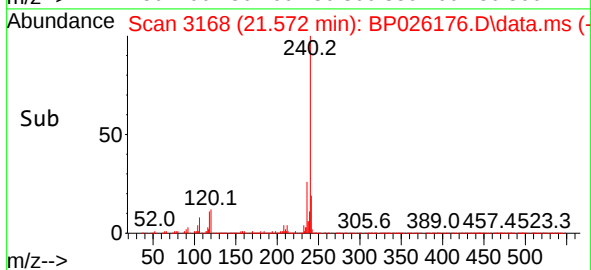
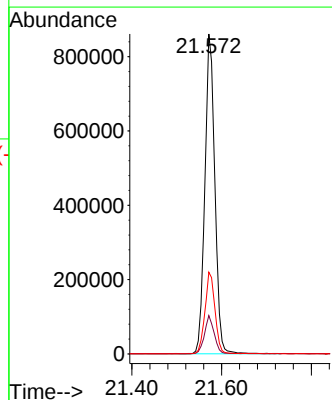
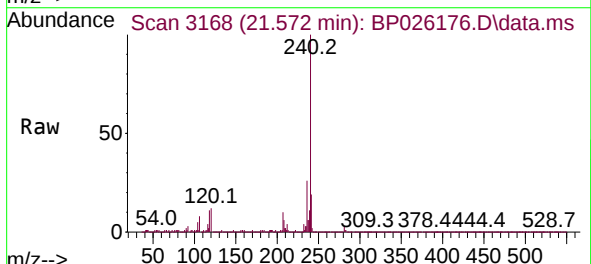
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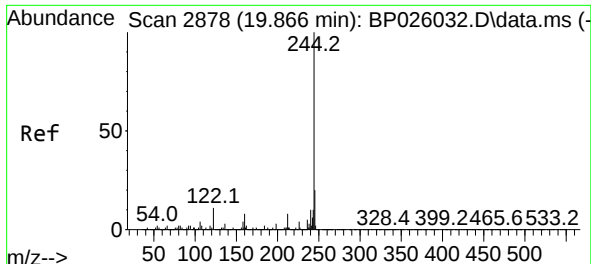
Tgt Ion:188 Resp: 1249922
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 10.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026176.D
Acq: 20 Nov 2025 15:57

Tgt Ion:240 Resp: 1326906
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 25.5 20.4 30.6

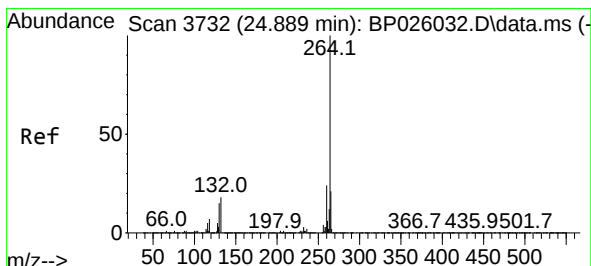
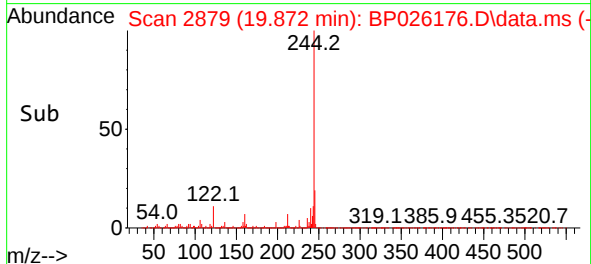
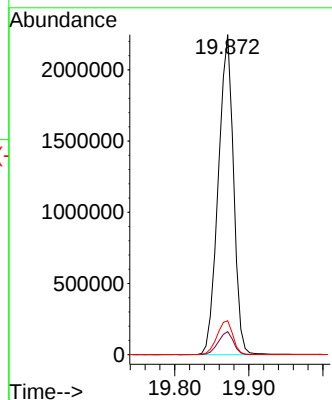
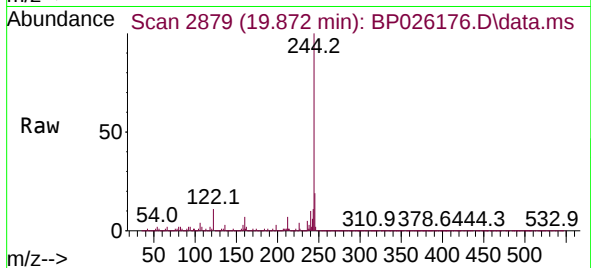




#79
 Terphenyl-d14
 Concen: 49.342 ng
 RT: 19.872 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP026176.D
 Acq: 20 Nov 2025 15:57

Instrument :
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Tgt Ion:244 Resp: 3210907
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.901 min Scan# 3734
 Delta R.T. -0.006 min
 Lab File: BP026176.D
 Acq: 20 Nov 2025 15:57

Tgt Ion:264 Resp: 1629466
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 22.1 17.5 26.3

