

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026322.D
 Acq On : 15 Dec 2025 12:44
 Operator : RC/JU
 Sample : PB170919BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170919BL

Quant Time: Dec 15 14:16:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 14:15:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	245455	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	922384	20.000	ng	0.00
39) Acenaphthene-d10	14.283	164	572986	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1104351	20.000	ng	0.01
76) Chrysene-d12	21.530	240	1068329	20.000	ng	0.00
86) Perylene-d12	24.824	264	1166172	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1933654	126.656	ng	0.00
7) Phenol-d6	6.837	99	2246643	116.557	ng	0.00
23) Nitrobenzene-d5	8.790	82	1371845	84.205	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	1022881	134.329	ng	0.00
45) 2-Fluorobiphenyl	12.878	172	3538925	89.293	ng	-0.01
79) Terphenyl-d14	19.830	244	5135471	95.774	ng	0.00

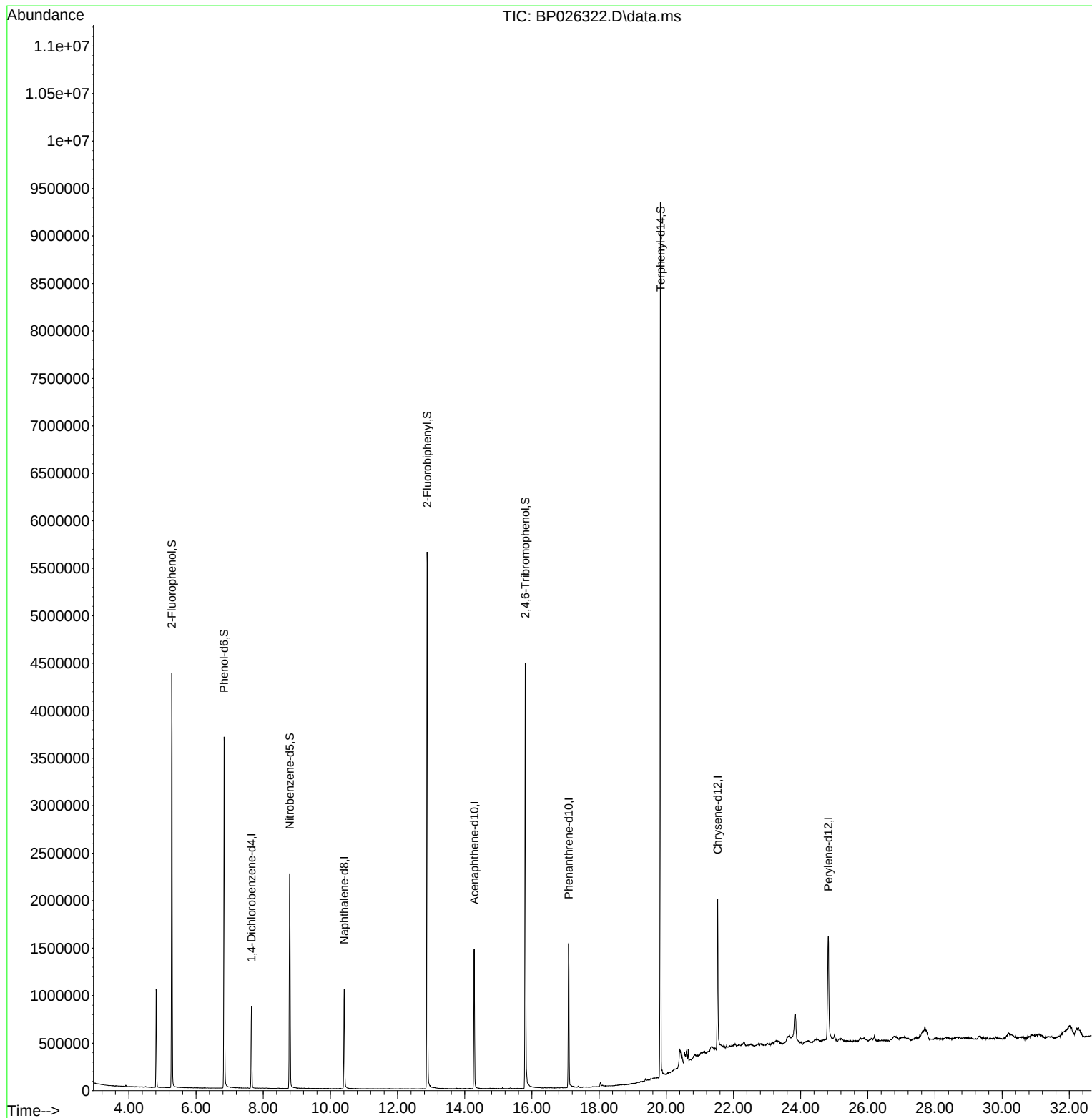
Target Compounds Qvalue

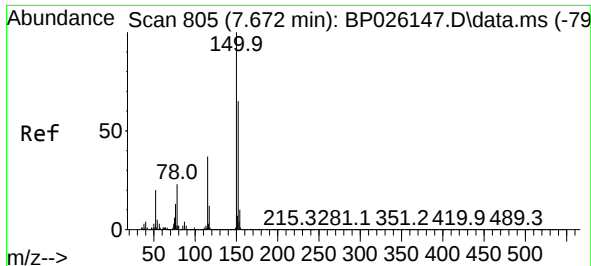
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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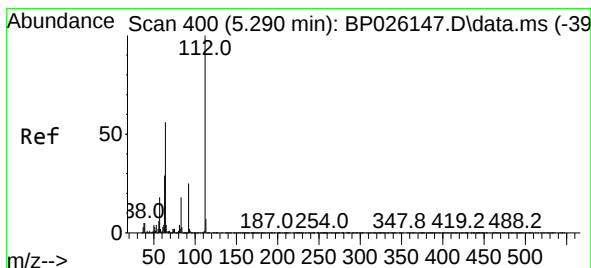
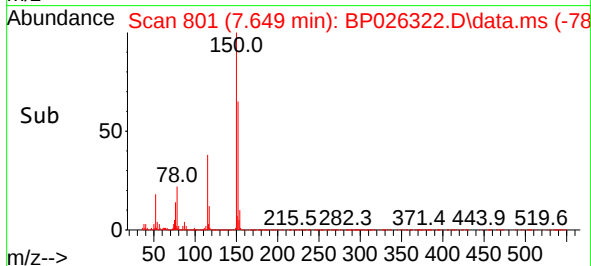
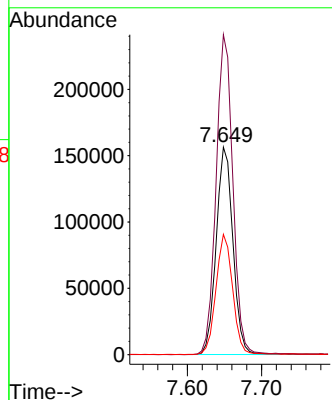
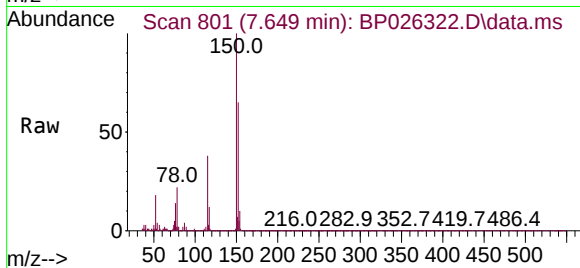




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 805
Delta R.T. -0.006 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

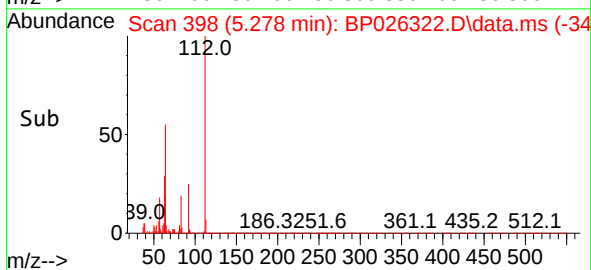
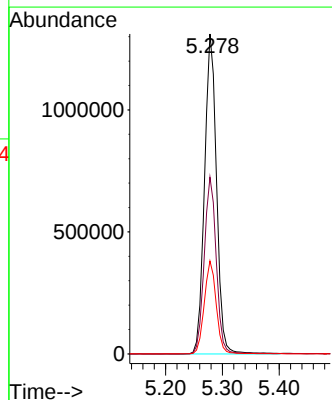
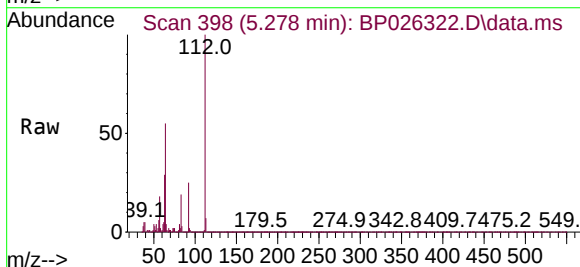
Instrument :
BNA_P
ClientSampleId :
PB170919BL

Tgt Ion:152 Resp: 245455
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 57.9 46.3 69.5



#5
2-Fluorophenol
Concen: 126.656 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

Tgt Ion:112 Resp: 1933654
Ion Ratio Lower Upper
112 100
64 55.2 45.8 68.6
63 29.0 23.5 35.3

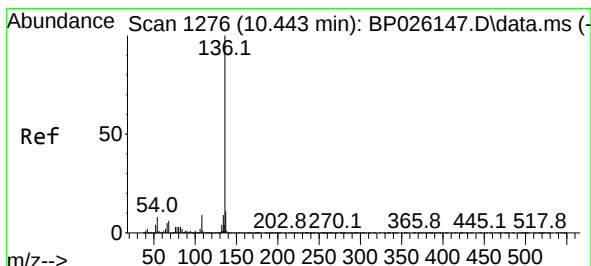
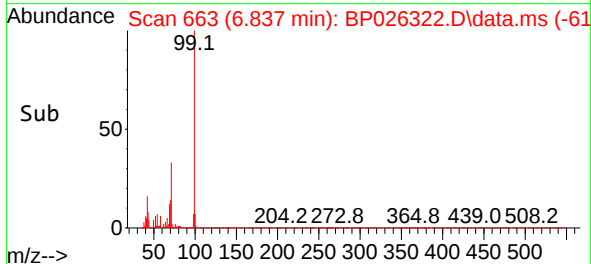
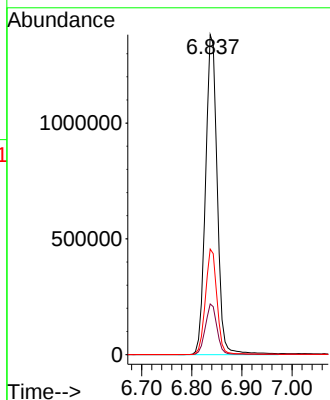
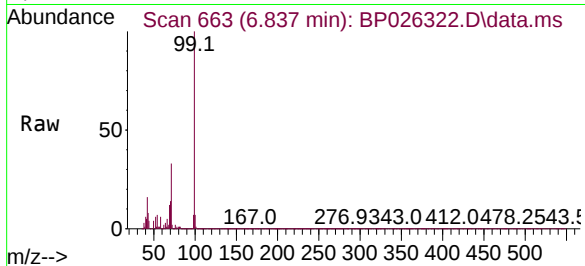




#7
Phenol-d6
Concen: 116.557 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

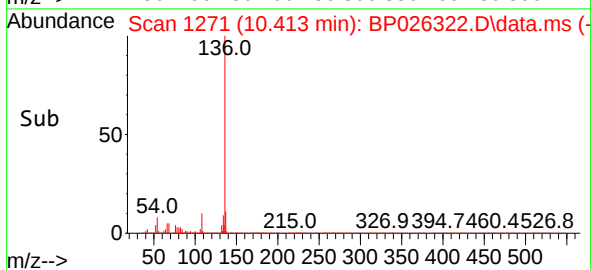
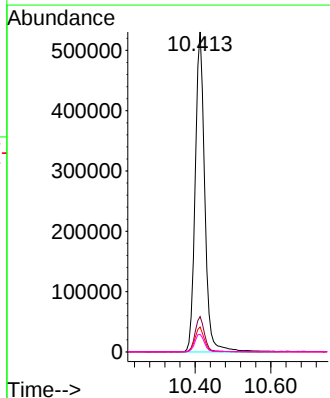
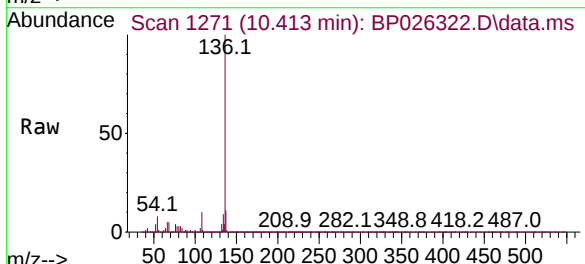
Instrument :
BNA_P
ClientSampleId :
PB170919BL

Tgt Ion: 99 Resp: 2246643
Ion Ratio Lower Upper
99 100
42 15.8 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: BP026322.D
Acq: 15 Dec 2025 12:44

Tgt Ion:136 Resp: 922384
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.4 9.6
68 5.5 4.9 7.3

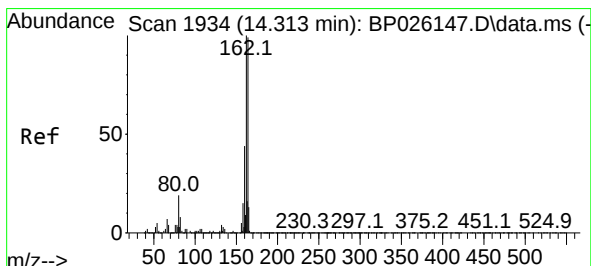
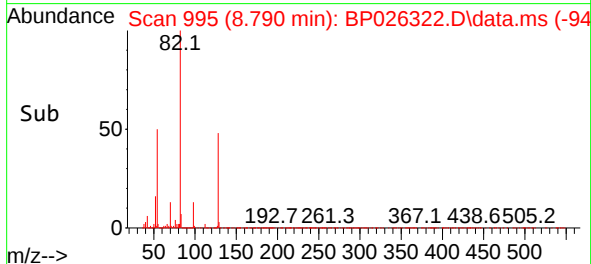
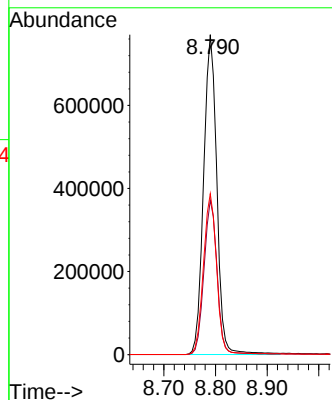
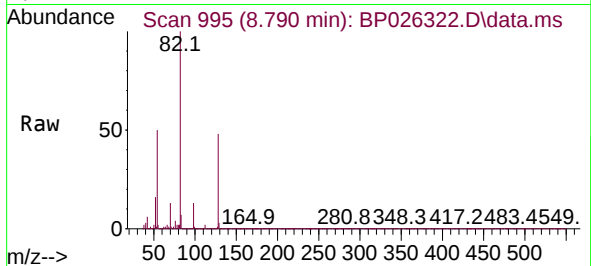




#23
Nitrobenzene-d5
Concen: 84.205 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

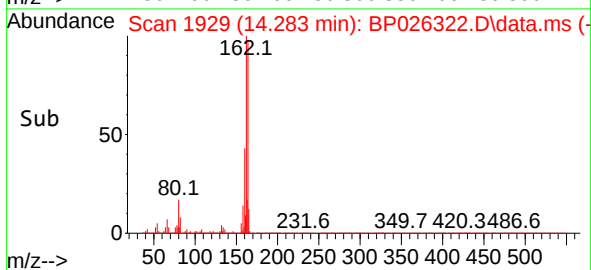
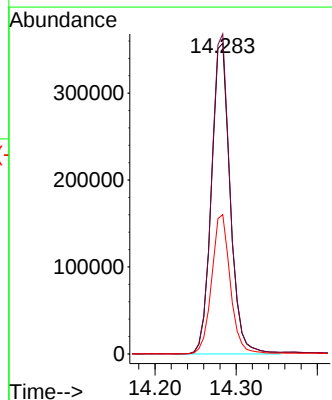
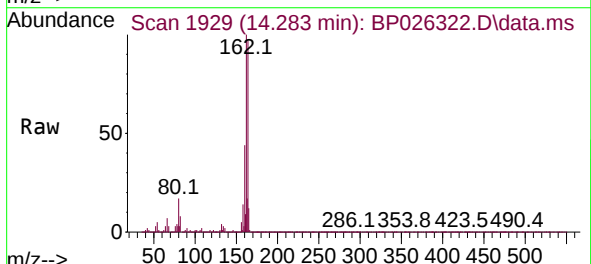
Instrument :
BNA_P
ClientSampleId :
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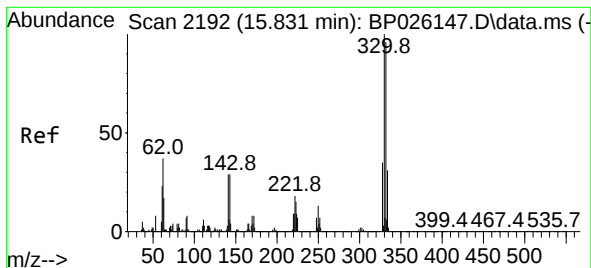
Tgt Ion: 82 Resp: 1371845
Ion Ratio Lower Upper
82 100
128 48.3 37.4 56.0
54 50.3 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.283 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

Tgt Ion:164 Resp: 572986
Ion Ratio Lower Upper
164 100
162 103.0 80.3 120.5
160 44.8 35.2 52.8

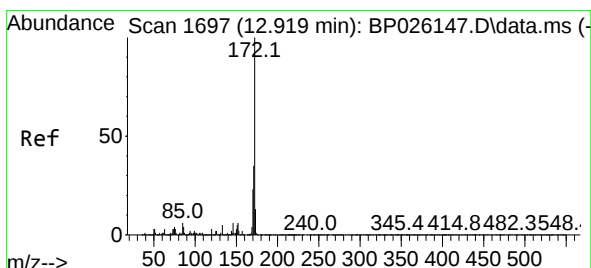
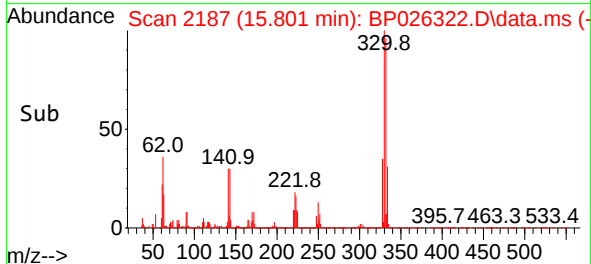
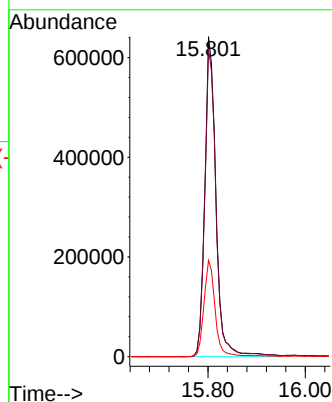
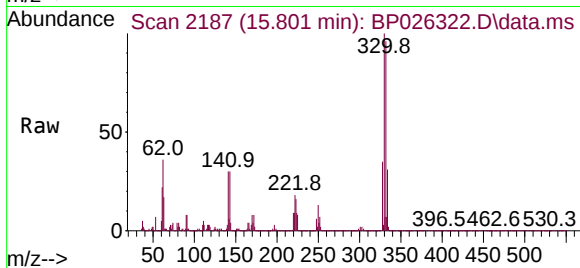




#42
2,4,6-Tribromophenol
Concen: 134.329 ng
RT: 15.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

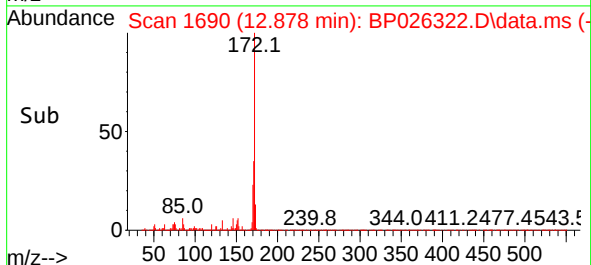
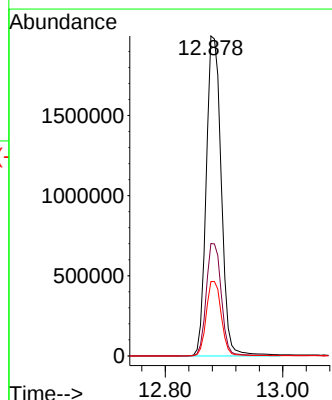
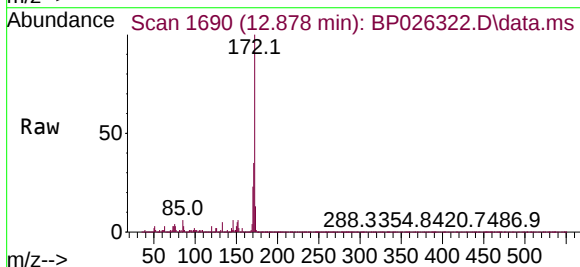
Instrument :
BNA_P
ClientSampleId :
PB170919BL

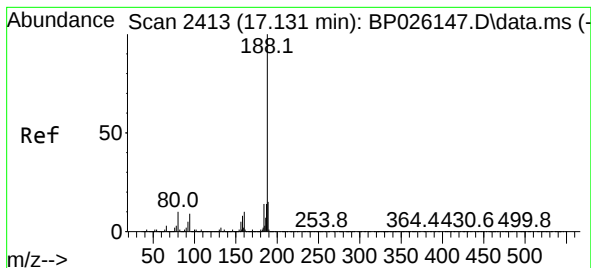
Tgt Ion:330 Resp: 1022881
Ion Ratio Lower Upper
330 100
332 97.4 78.0 117.0
141 29.8 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 89.293 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BP026322.D
Acq: 15 Dec 2025 12:44

Tgt Ion:172 Resp: 3538925
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2413

Delta R.T. 0.012 min

Lab File: BP026322.D

Acq: 15 Dec 2025 12:44

Instrument :

BNA_P

ClientSampleId :

PB170919BL

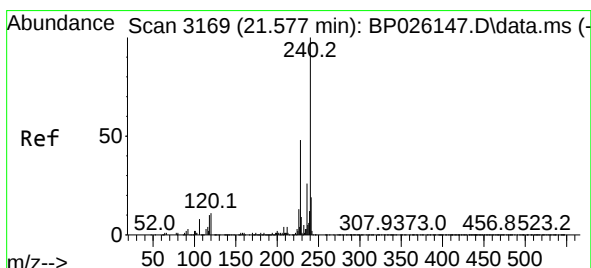
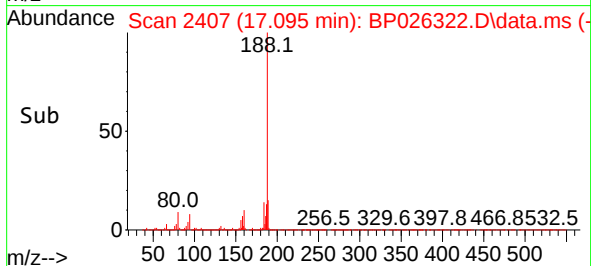
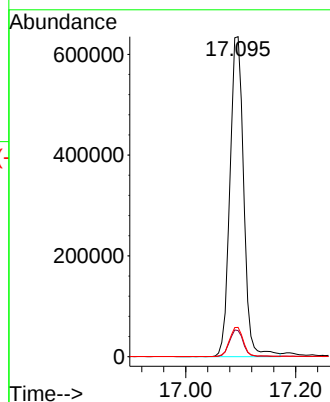
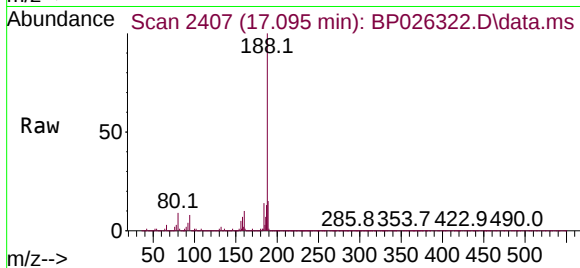
Tgt Ion:188 Resp: 1104351

Ion Ratio Lower Upper

188 100

94 8.1 7.8 11.6

80 9.1 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BP026322.D

Acq: 15 Dec 2025 12:44

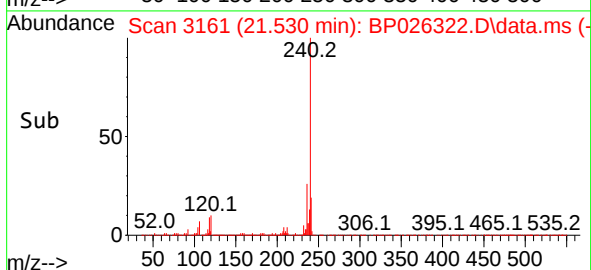
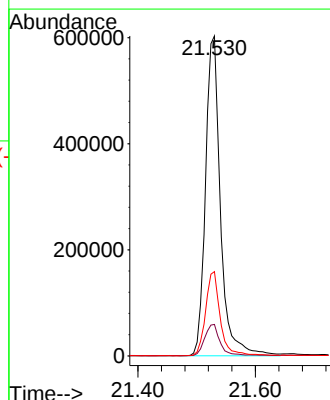
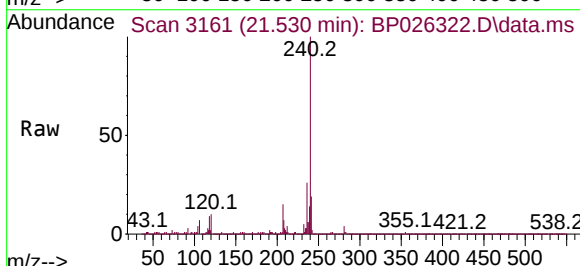
Tgt Ion:240 Resp: 1068329

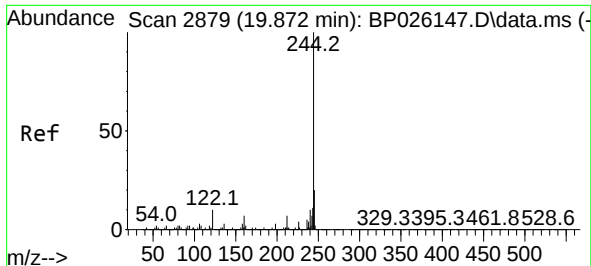
Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.4

236 26.3 20.4 30.6

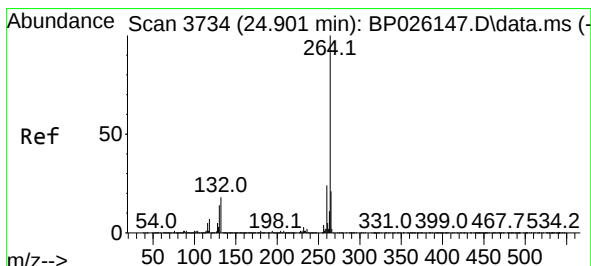
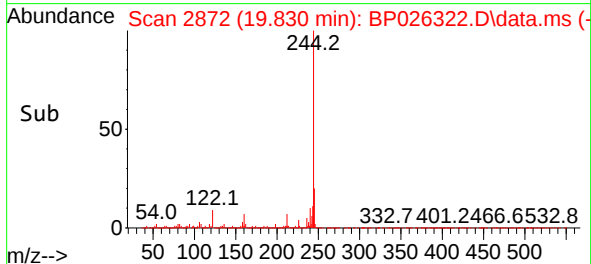
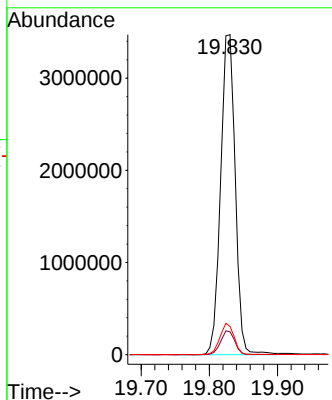
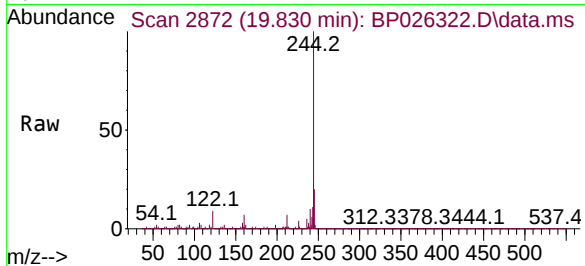




#79
 Terphenyl-d14
 Concen: 95.774 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026322.D
 Acq: 15 Dec 2025 12:44

Instrument :
 BNA_P
 ClientSampleId :
 PB170919BL

Tgt Ion:244 Resp: 5135471
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 8.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.824 min Scan# 3721
 Delta R.T. -0.012 min
 Lab File: BP026322.D
 Acq: 15 Dec 2025 12:44

Tgt Ion:264 Resp: 1166172
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.6 17.5 26.3

