

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
 Data File : BP026281.D
 Acq On : 10 Dec 2025 18:34
 Operator : RC/JU
 Sample : Q3815-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RE

Quant Time: Dec 11 03:07:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	216080	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	820825	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	517453	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1070147	20.000	ng	0.00
76) Chrysene-d12	21.548	240	1186856	20.000	ng	0.01
86) Perylene-d12	24.836	264	1350766	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	869626	64.702	ng	0.00
7) Phenol-d6	6.837	99	1025647	60.455	ng	0.00
23) Nitrobenzene-d5	8.790	82	611969	42.437	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	472693	70.244	ng	0.00
45) 2-Fluorobiphenyl	12.890	172	1503893	42.255	ng	-0.01
79) Terphenyl-d14	19.836	244	2479526	42.701	ng	0.00

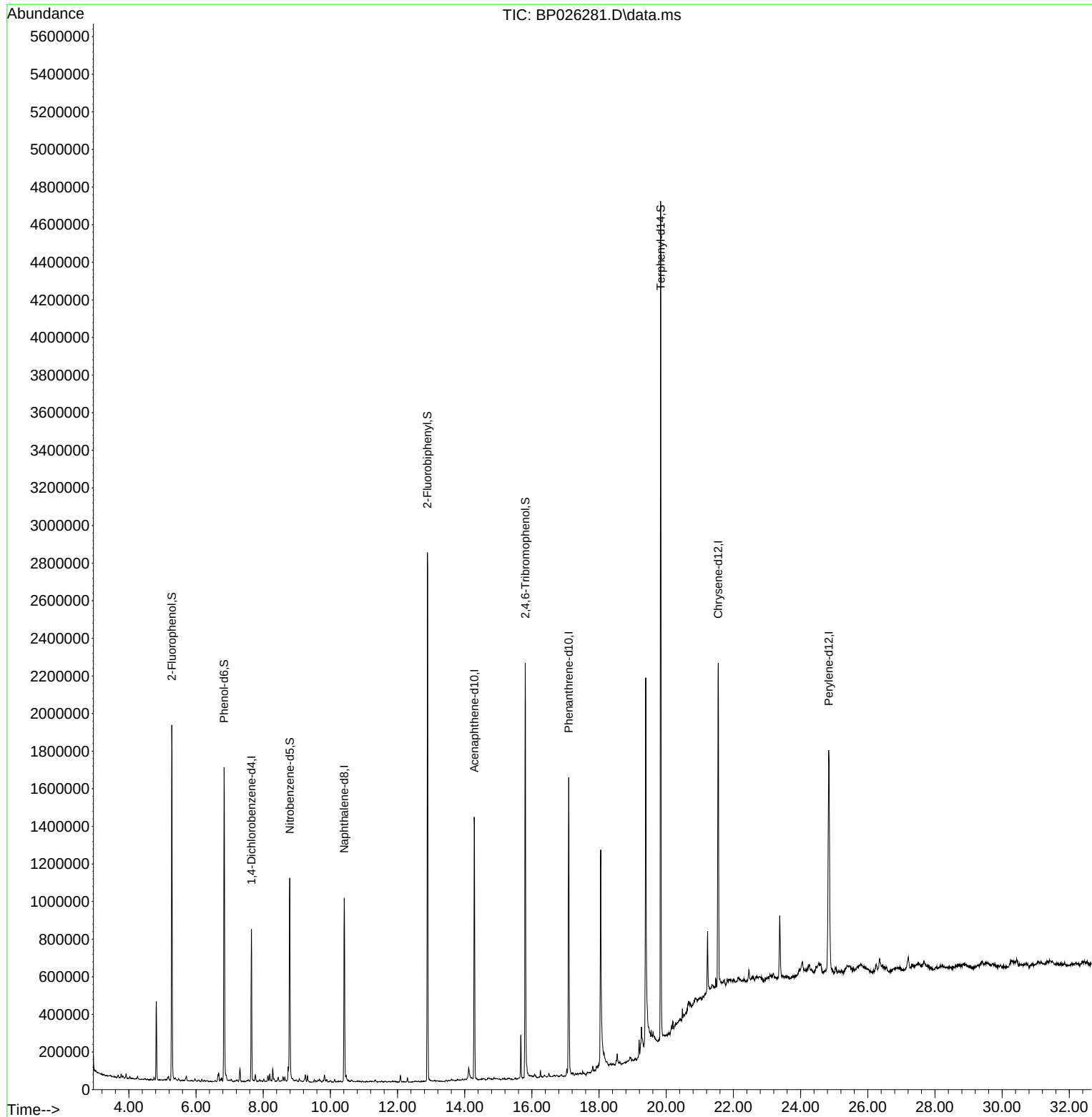
Target Compounds	Qvalue

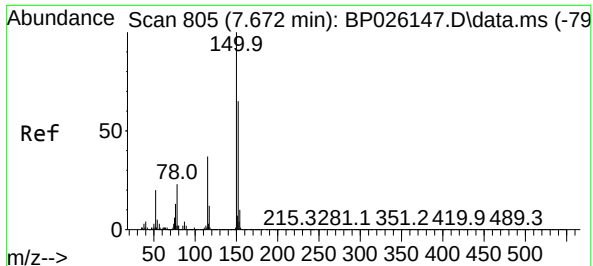
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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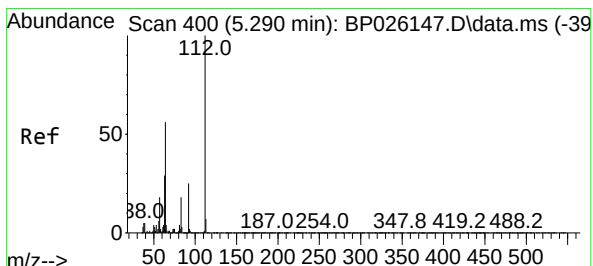
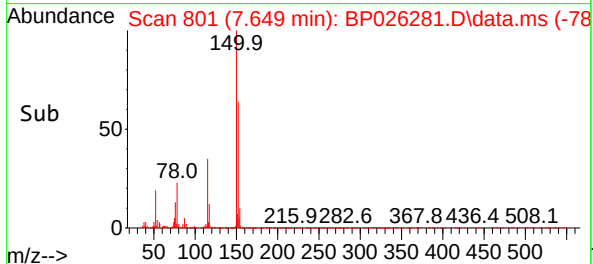
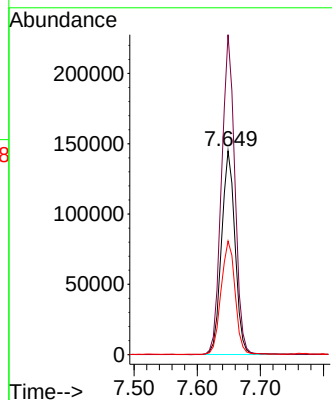
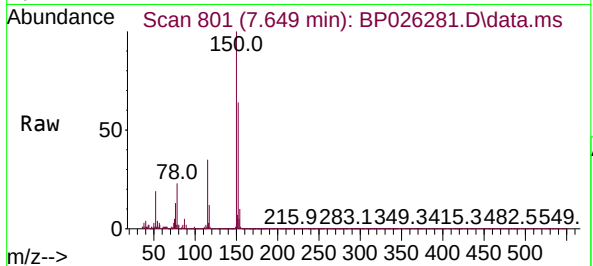




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

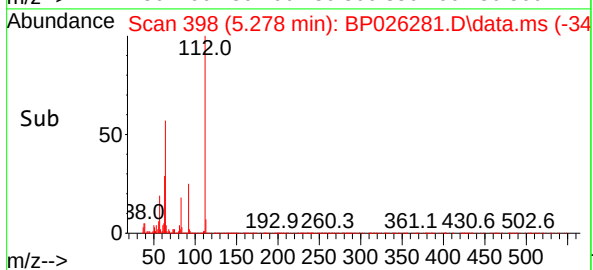
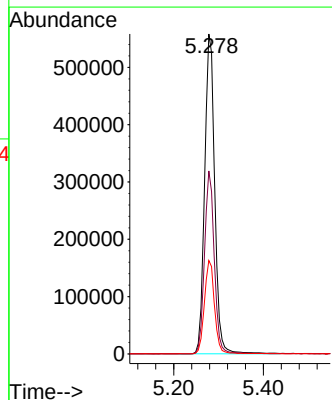
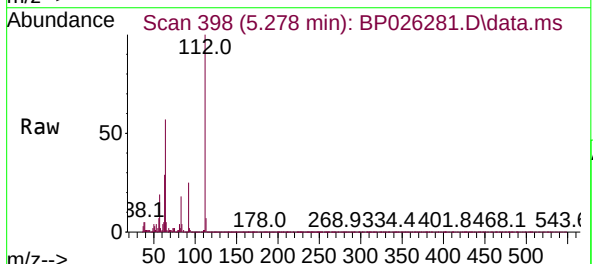
Instrument :
BNA_P
ClientSampleId :
RE

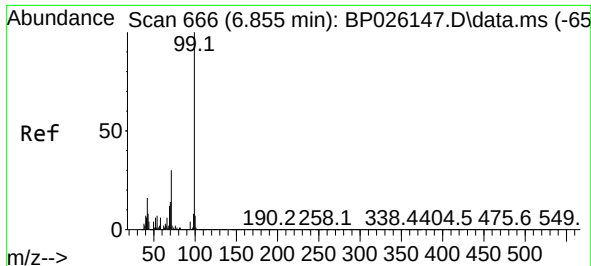
Tgt Ion:152 Resp: 216080
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 55.7 46.3 69.5



#5
2-Fluorophenol
Concen: 64.702 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

Tgt Ion:112 Resp: 869626
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.6
63 29.2 23.5 35.3

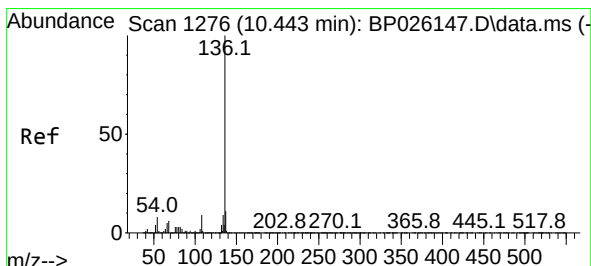
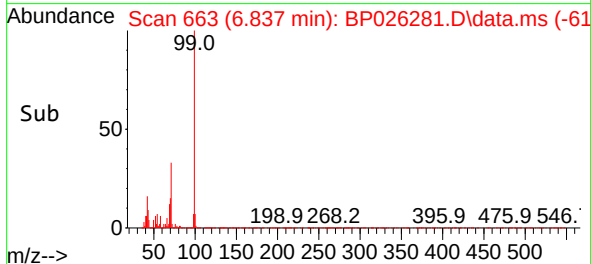
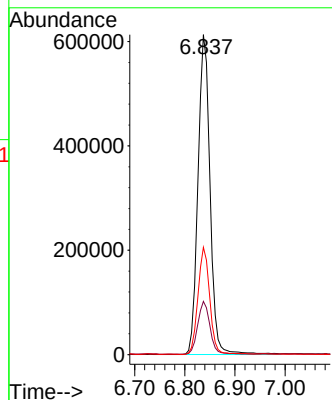
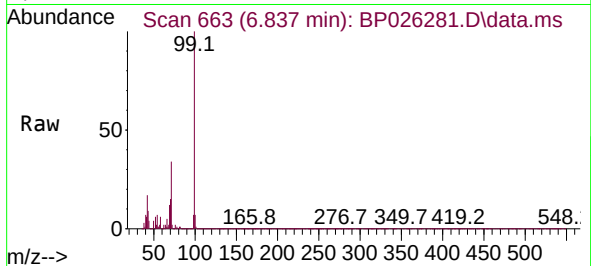




#7
Phenol-d6
Concen: 60.455 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

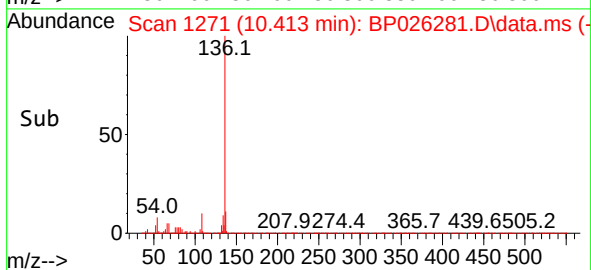
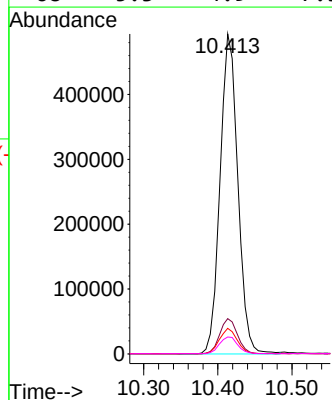
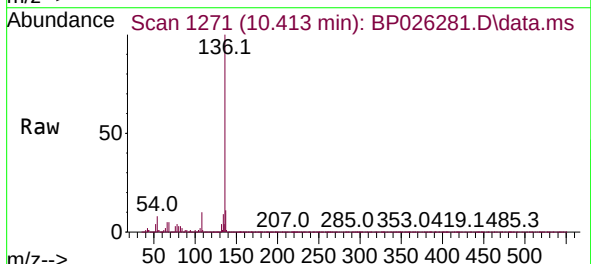
Instrument :
BNA_P
ClientSampleId :
RE

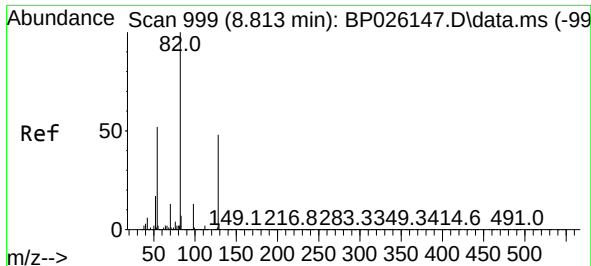
Tgt Ion: 99 Resp: 1025647
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 33.5 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

Tgt Ion: 136 Resp: 820825
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.0 6.4 9.6
68 5.3 4.9 7.3

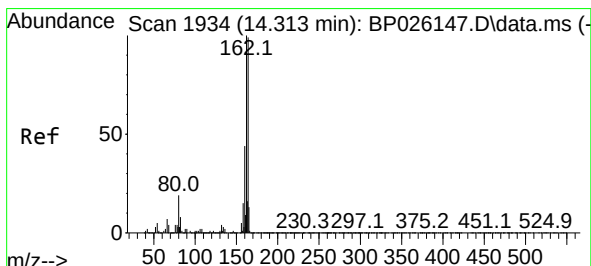
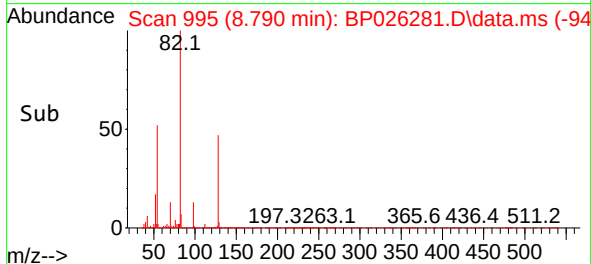
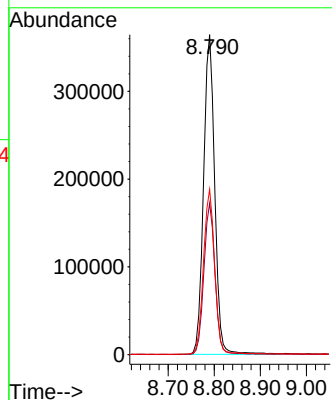
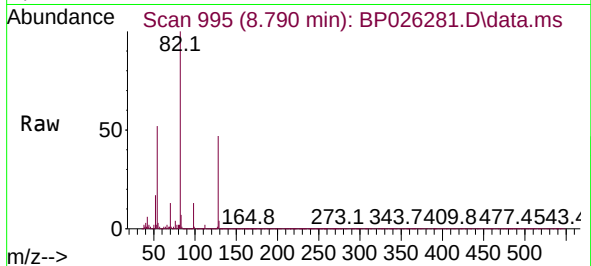




#23
Nitrobenzene-d5
Concen: 42.437 ng
RT: 8.790 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

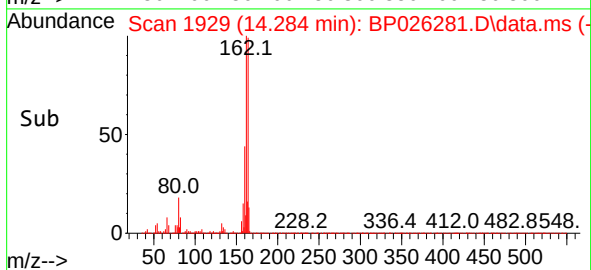
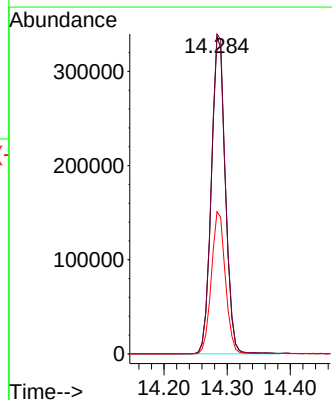
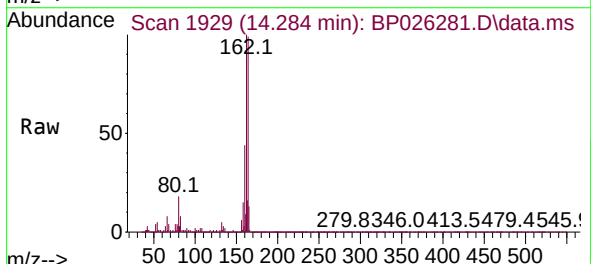
Instrument :
BNA_P
ClientSampleId :
RE

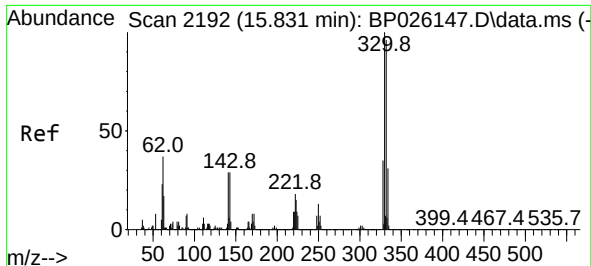
Tgt Ion: 82 Resp: 611969
Ion Ratio Lower Upper
82 100
128 47.3 37.4 56.0
54 51.6 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.284 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

Tgt Ion: 164 Resp: 517453
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 44.9 35.2 52.8

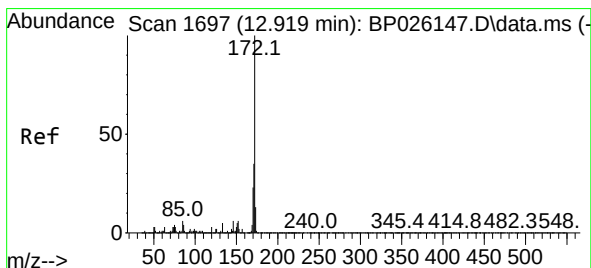
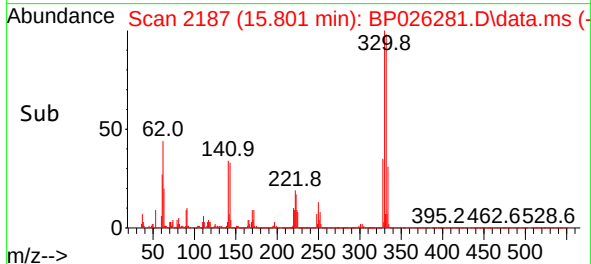
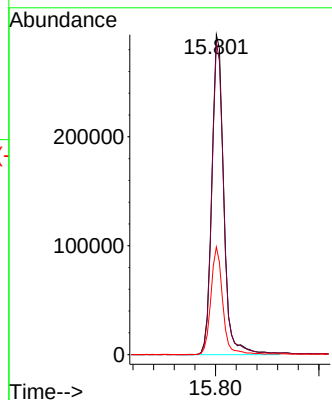
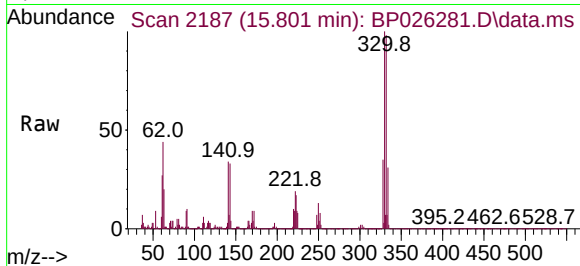




#42
2,4,6-Tribromophenol
Concen: 70.244 ng
RT: 15.801 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

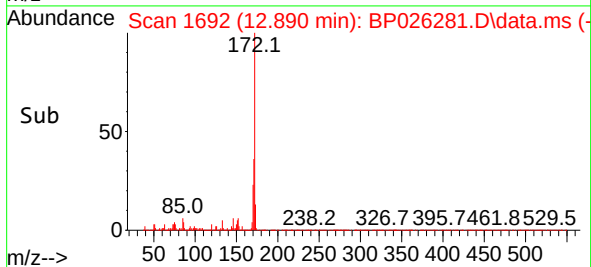
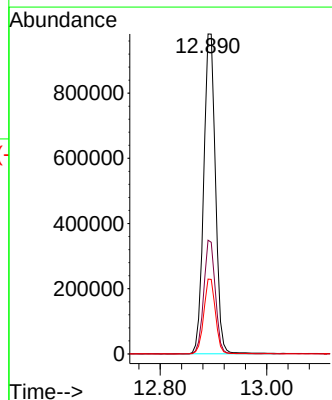
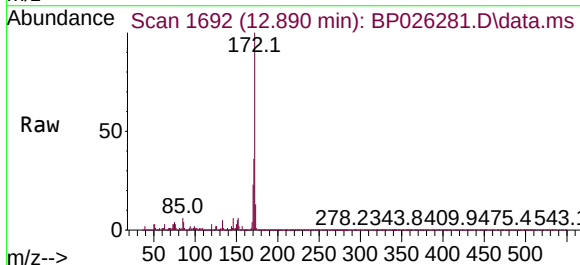
Instrument :
BNA_P
ClientSampleId :
RE

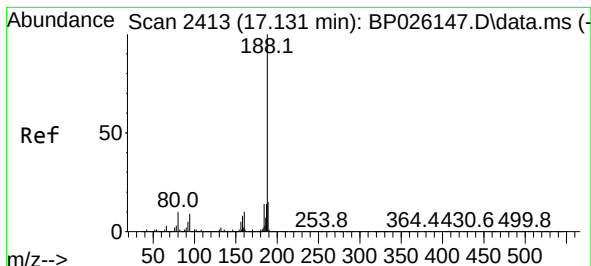
Tgt Ion: 330 Resp: 472693
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 33.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 42.255 ng
RT: 12.890 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026281.D
Acq: 10 Dec 2025 18:34

Tgt Ion: 172 Resp: 1503893
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.095 min Scan# 2413

Delta R.T. -0.000 min

Lab File: BP026281.D

Acq: 10 Dec 2025 18:34

Instrument :

BNA_P

ClientSampleId :

RE

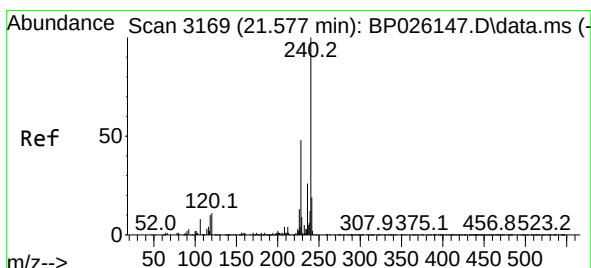
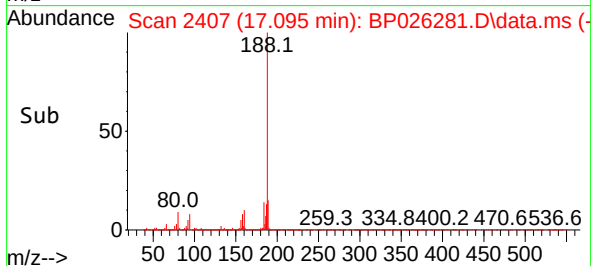
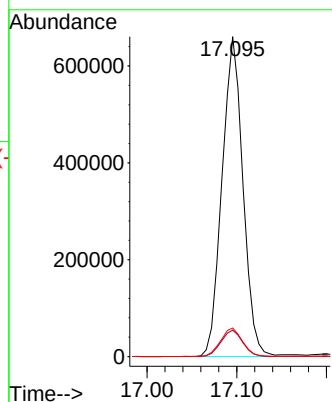
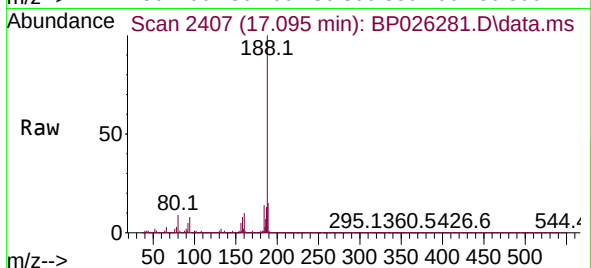
Tgt Ion:188 Resp: 1070147

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.6

80 8.9 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.012 min

Lab File: BP026281.D

Acq: 10 Dec 2025 18:34

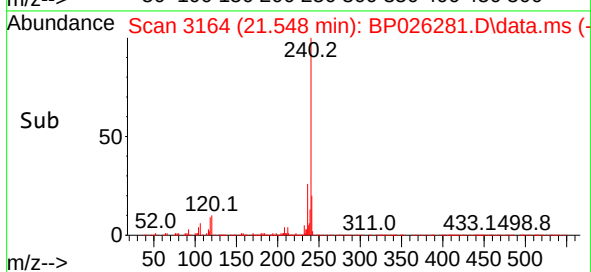
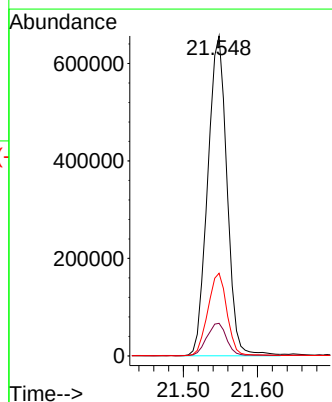
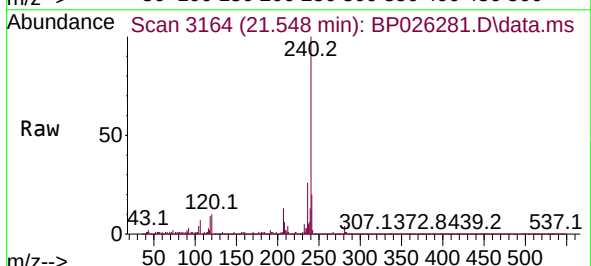
Tgt Ion:240 Resp: 1186856

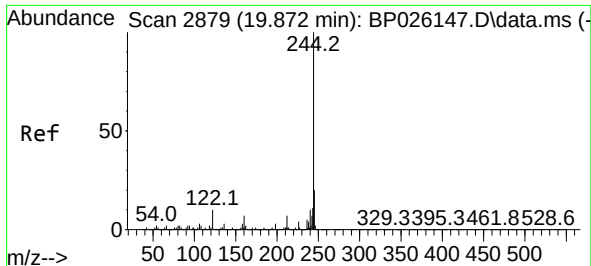
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.8 20.4 30.6

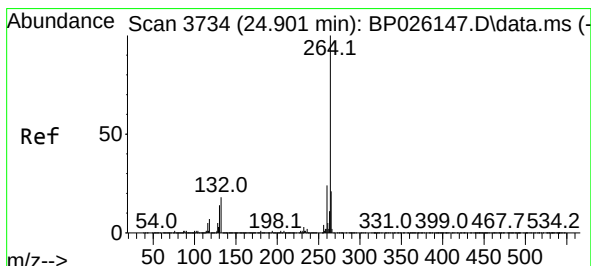
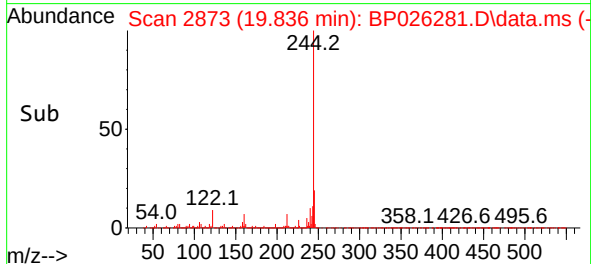
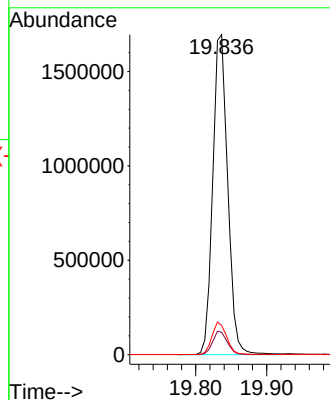
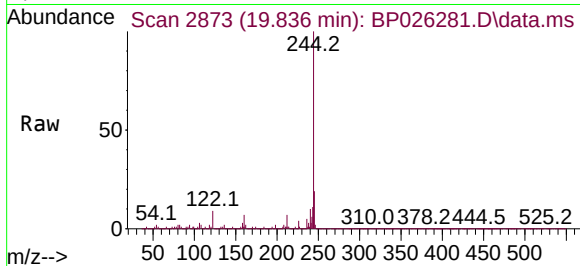




#79
 Terphenyl-d14
 Concen: 42.701 ng
 RT: 19.836 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP026281.D
 Acq: 10 Dec 2025 18:34

Instrument :
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 ClientSampleId :
 RE

Tgt Ion:244 Resp: 2479526
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.836 min Scan# 3723
 Delta R.T. 0.012 min
 Lab File: BP026281.D
 Acq: 10 Dec 2025 18:34

Tgt Ion:264 Resp: 1350766
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.2 17.5 26.3

