

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
 Data File : BP026294.D
 Acq On : 11 Dec 2025 15:52
 Operator : RC/JU
 Sample : Q3814-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Quant Time: Dec 11 16:12:01 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	248475	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	902211	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	554727	20.000	ng	-0.01
64) Phenanthrene-d10	17.089	188	1110467	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1285417	20.000	ng	0.00
86) Perylene-d12	24.818	264	1471958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1673643	108.288	ng	0.00
7) Phenol-d6	6.837	99	1867413	95.720	ng	0.00
23) Nitrobenzene-d5	8.784	82	1288690	81.303	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	967098	134.058	ng	-0.01
45) 2-Fluorobiphenyl	12.889	172	3143156	82.379	ng	-0.01
79) Terphenyl-d14	19.830	244	4964522	78.940	ng	0.00

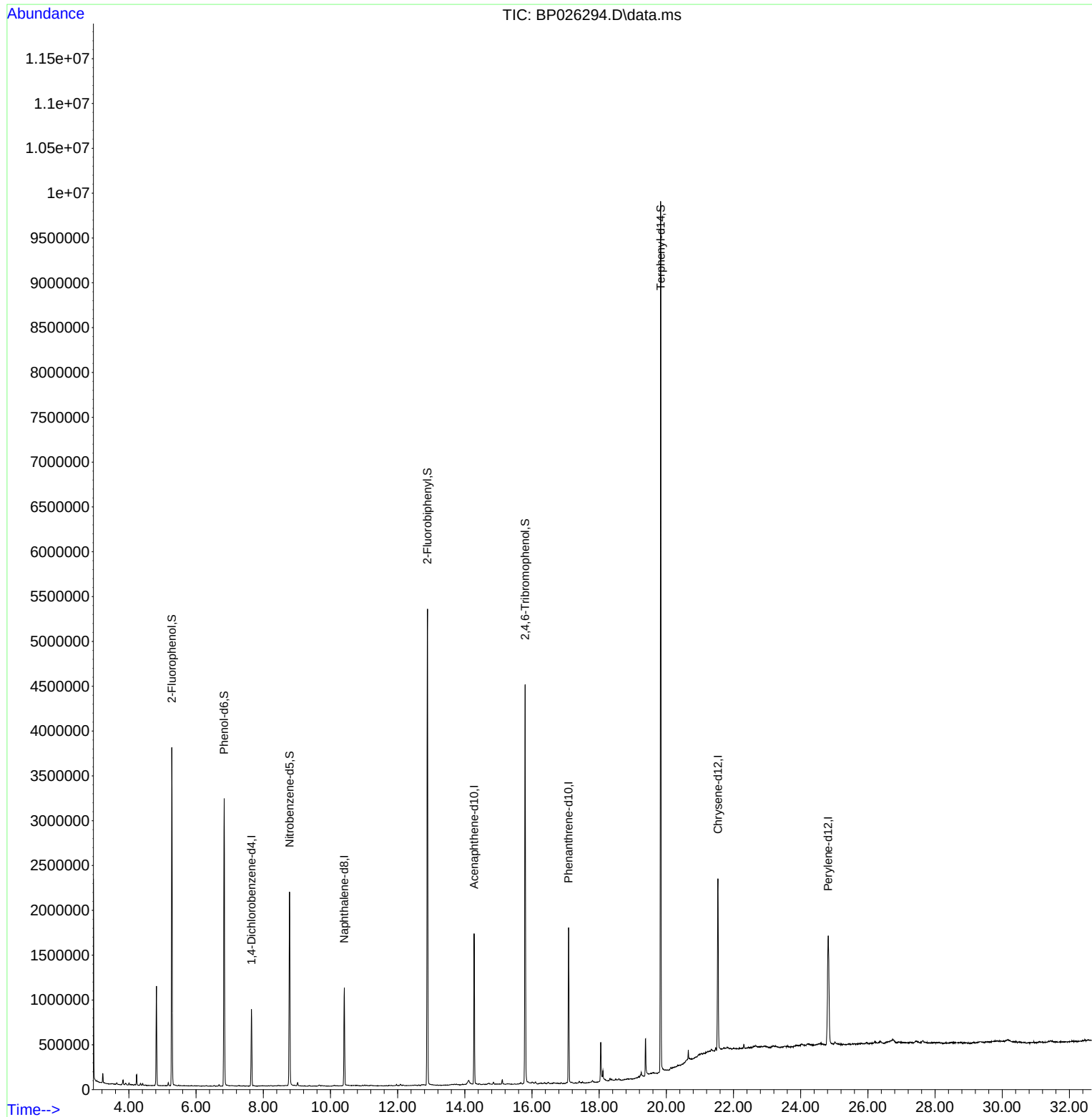
Target Compounds	Qvalue

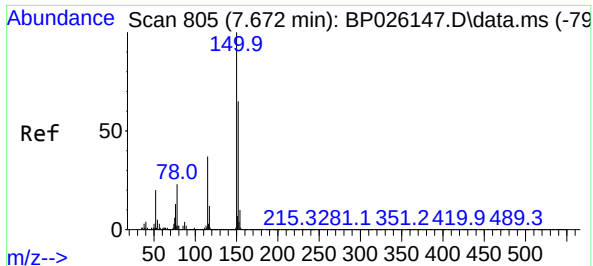
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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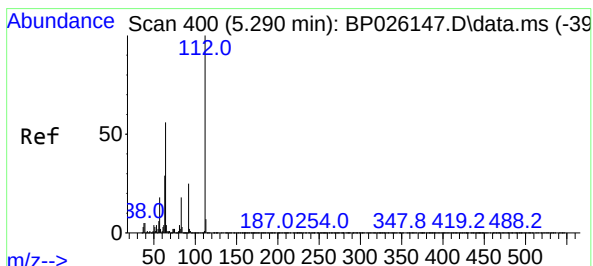
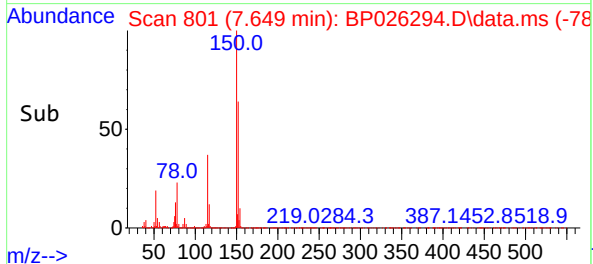
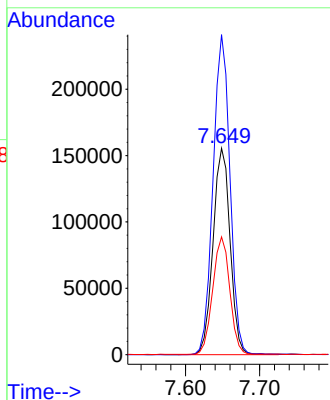
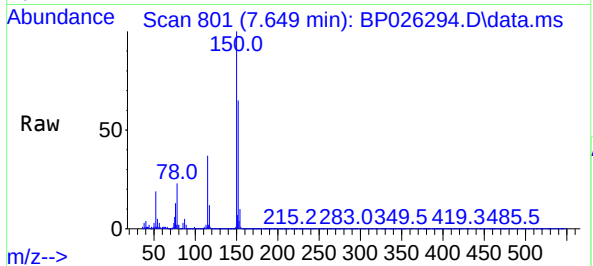




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.649 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

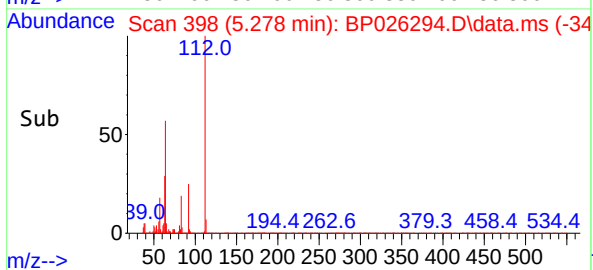
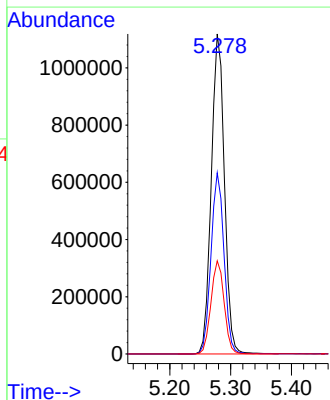
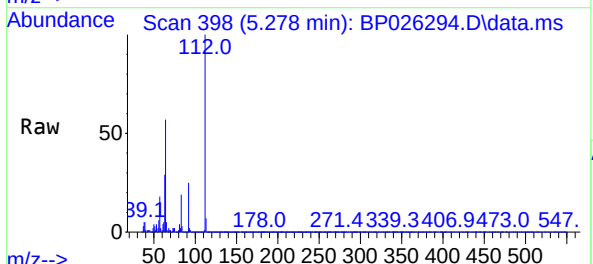
Instrument :
BNA_P
ClientSampleId :
TP-4

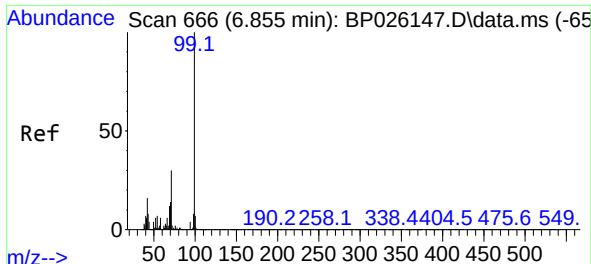
Tgt Ion:152 Resp: 248475
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 57.1 46.3 69.5



#5
2-Fluorophenol
Concen: 108.288 ng
RT: 5.278 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

Tgt Ion:112 Resp: 1673643
Ion Ratio Lower Upper
112 100
64 56.6 45.8 68.6
63 29.1 23.5 35.3

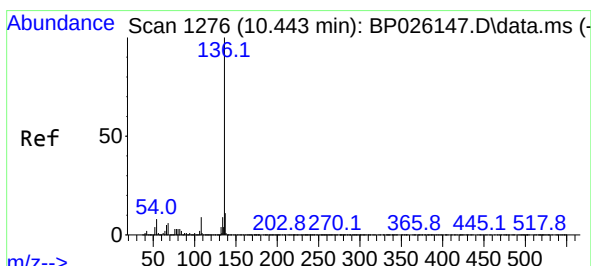
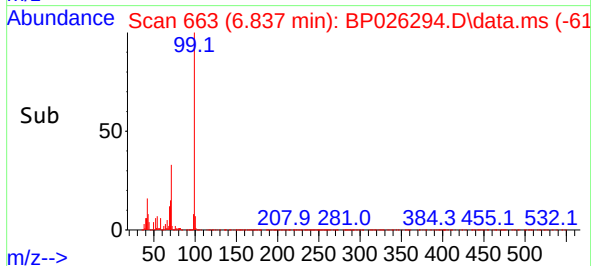
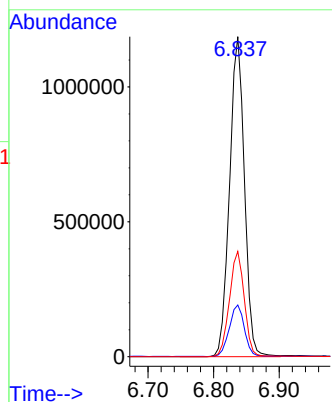
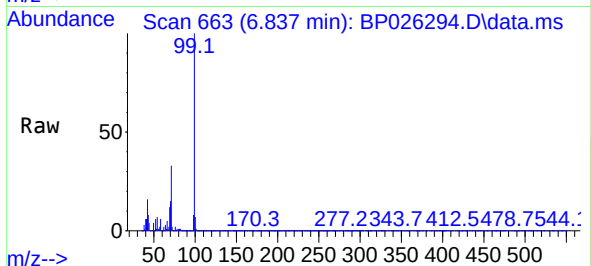




#7
Phenol-d6
Concen: 95.720 ng
RT: 6.837 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

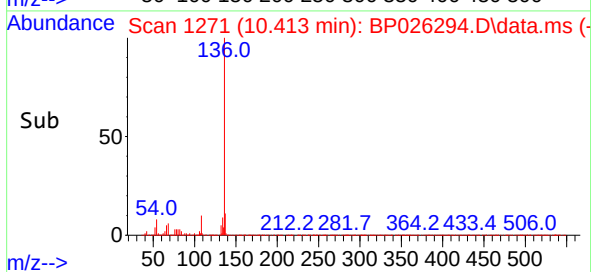
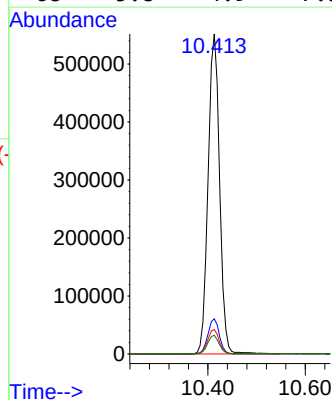
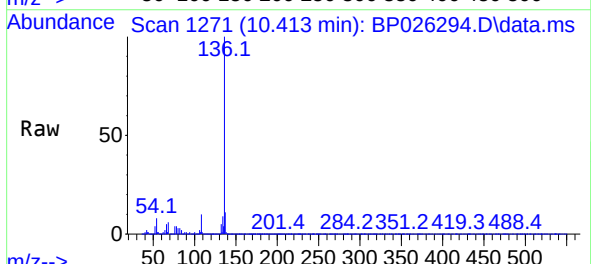
Instrument :
BNA_P
ClientSampleId :
TP-4

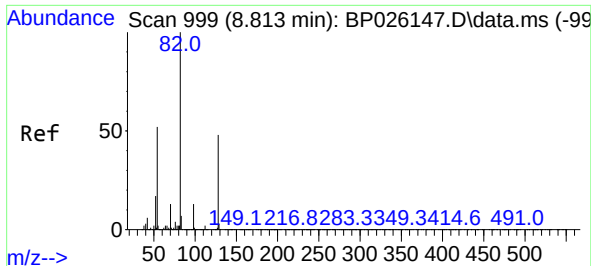
Tgt Ion: 99 Resp: 1867413
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 32.9 24.8 37.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.413 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

Tgt Ion:136 Resp: 902211
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.7 6.4 9.6
68 5.8 4.9 7.3

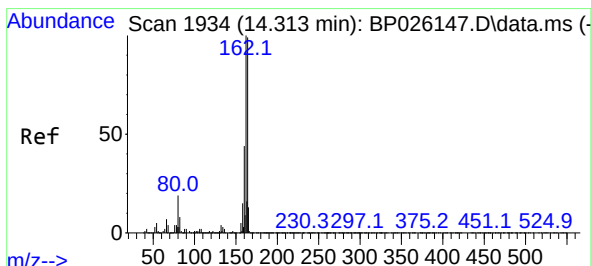
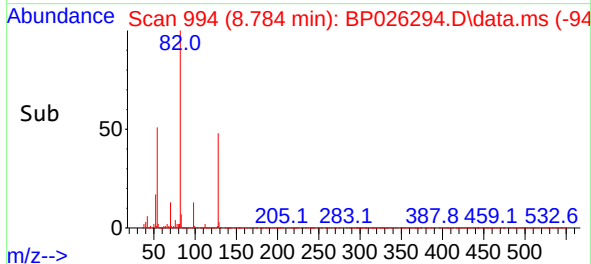
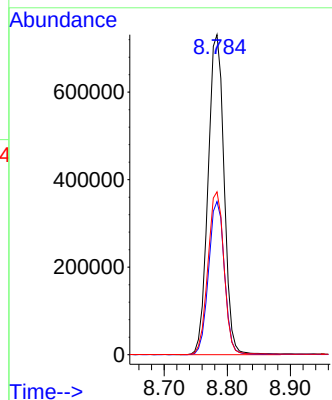
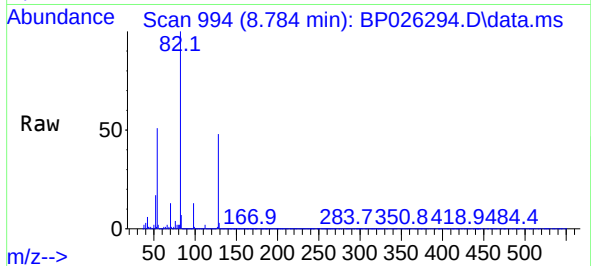




#23
Nitrobenzene-d5
Concen: 81.303 ng
RT: 8.784 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

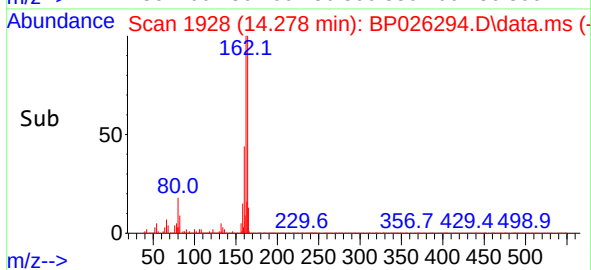
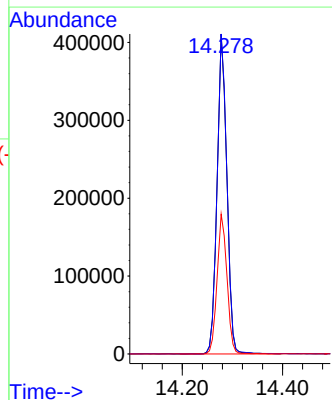
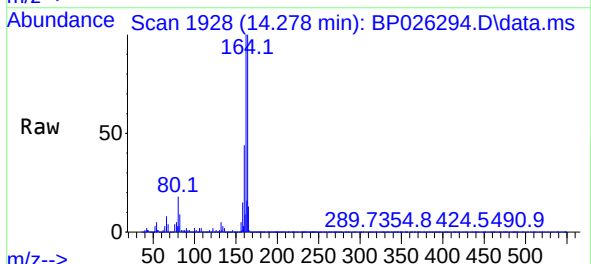
Instrument :
BNA_P
ClientSampleId :
TP-4

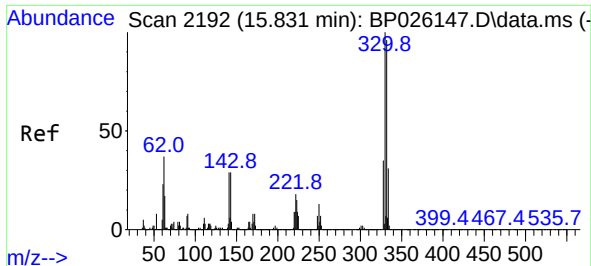
Tgt Ion: 82 Resp: 1288690
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.0
54 50.9 41.6 62.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.278 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

Tgt Ion:164 Resp: 554727
Ion Ratio Lower Upper
164 100
162 100.0 80.3 120.5
160 43.7 35.2 52.8

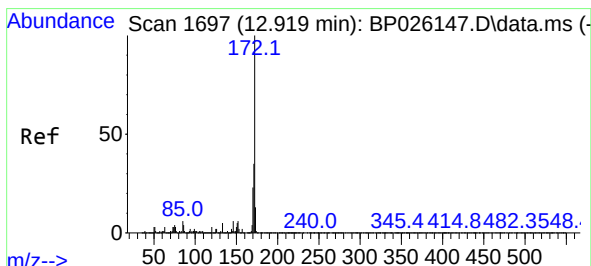
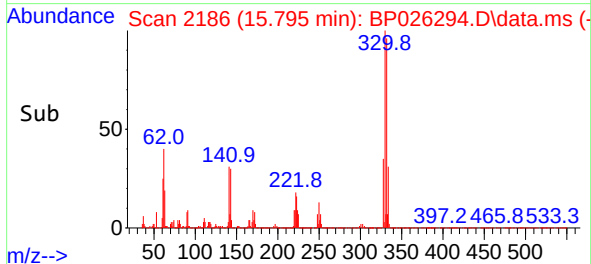
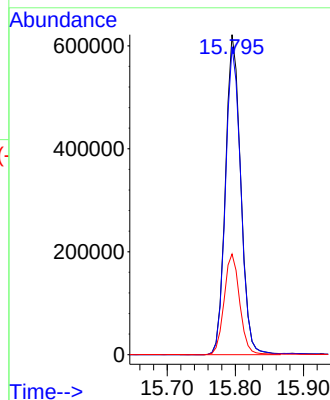
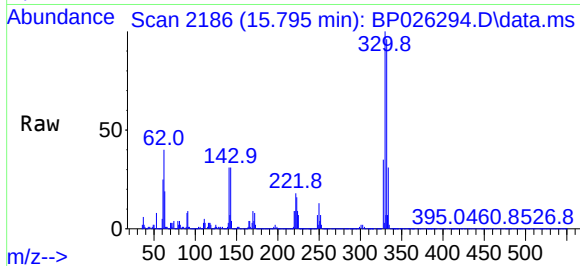




#42
2,4,6-Tribromophenol
Concen: 134.058 ng
RT: 15.795 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

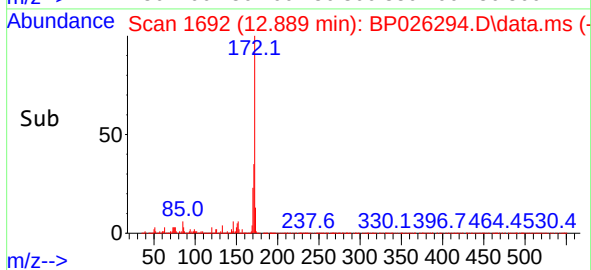
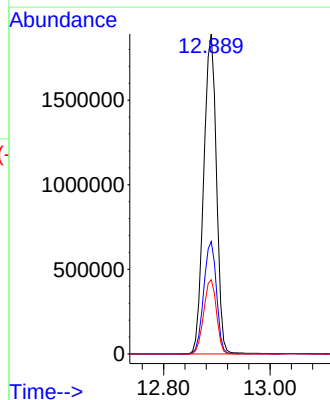
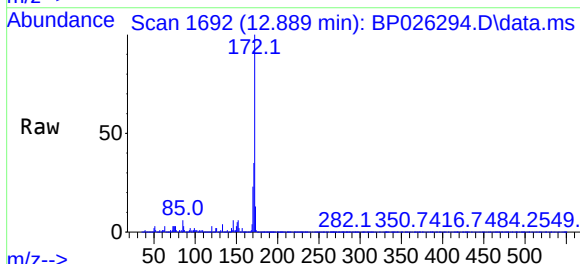
Instrument :
BNA_P
ClientSampleId :
TP-4

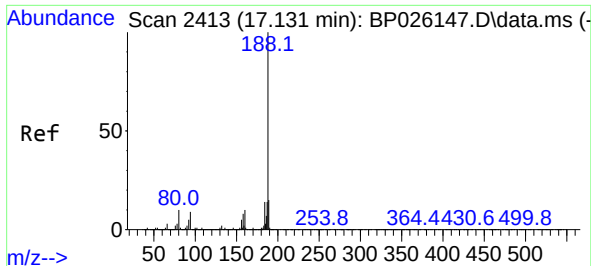
Tgt Ion:330 Resp: 967098
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.0 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 82.379 ng
RT: 12.889 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

Tgt Ion:172 Resp: 3143156
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.7 28.1

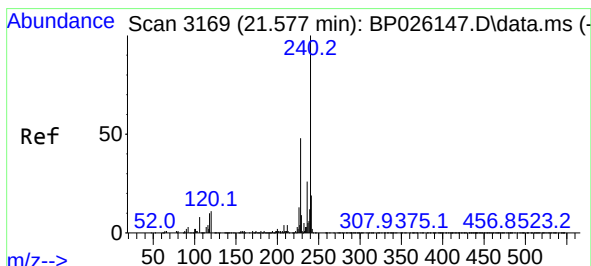
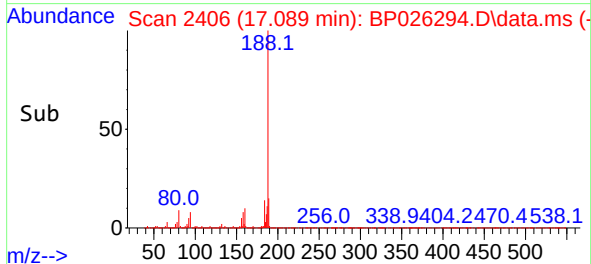
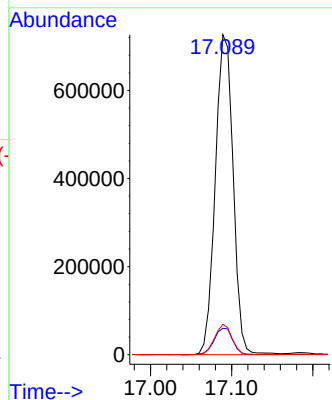
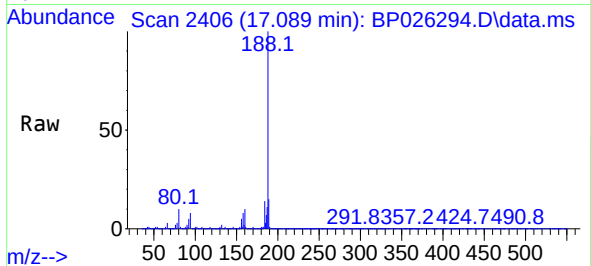




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.089 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

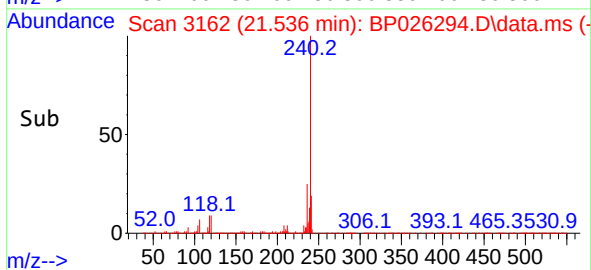
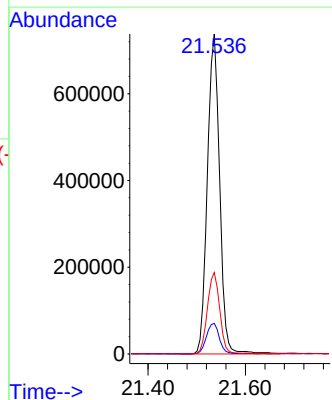
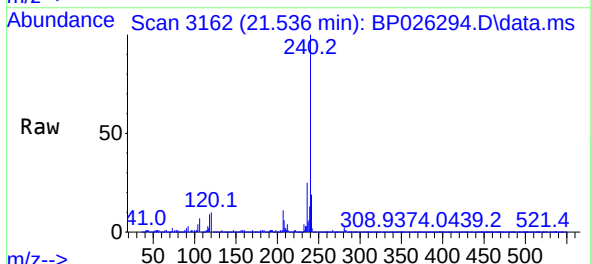
Instrument :
BNA_P
ClientSampleId :
TP-4

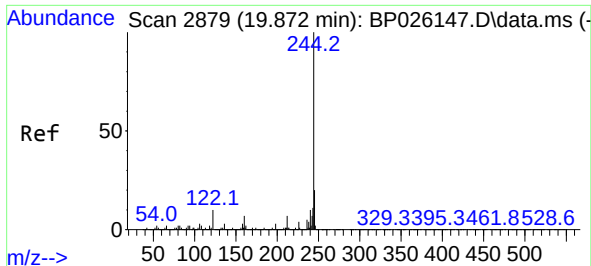
Tgt Ion:188 Resp: 1110467
Ion Ratio Lower Upper
188 100
94 8.3 7.8 11.6
80 9.5 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP026294.D
Acq: 11 Dec 2025 15:52

Tgt Ion:240 Resp: 1285417
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 25.4 20.4 30.6

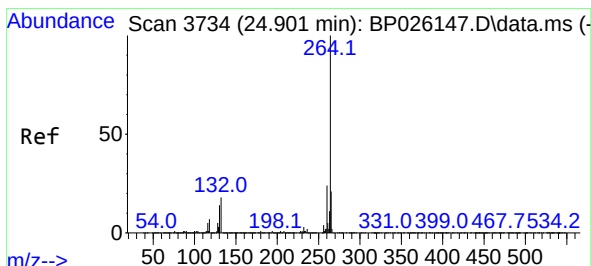
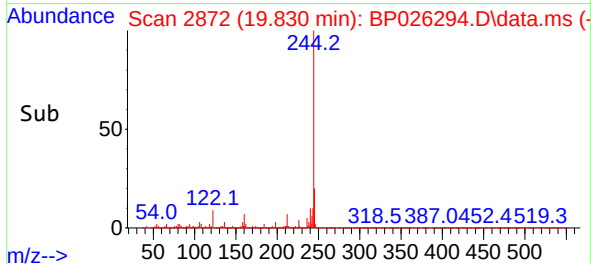
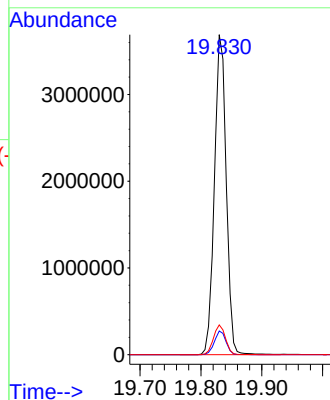
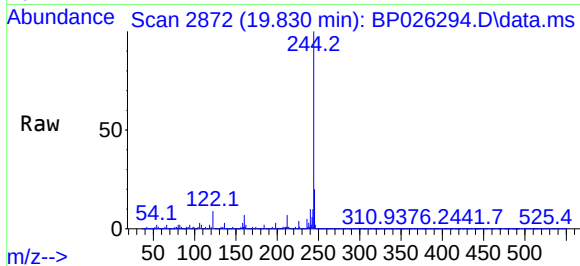




#79
 Terphenyl-d14
 Concen: 78.940 ng
 RT: 19.830 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP026294.D
 Acq: 11 Dec 2025 15:52

Instrument :
 BNA_P
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 4964522
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.818 min Scan# 3720
 Delta R.T. -0.006 min
 Lab File: BP026294.D
 Acq: 11 Dec 2025 15:52

Tgt Ion:264 Resp: 1471958
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.2 17.5 26.3

