

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024312.D
 Acq On : 16 Apr 2025 15:13
 Operator : RC/JU
 Sample : Q1808-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OILY-SOIL-PILE

Quant Time: Apr 16 15:37:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	328014	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1247937	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	710885	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	1314121	20.000	ng	-0.01
76) Chrysene-d12	21.610	240	1251135	20.000	ng	-0.01
86) Perylene-d12	24.974	264	1194728	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2425451	122.262	ng	0.00
7) Phenol-d6	6.911	99	2773394	102.098	ng	0.00
23) Nitrobenzene-d5	8.875	82	2026612	92.601	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1282457	130.391	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	4090636	88.104	ng	-0.01
79) Terphenyl-d14	19.904	244	6280917	101.189	ng	-0.02

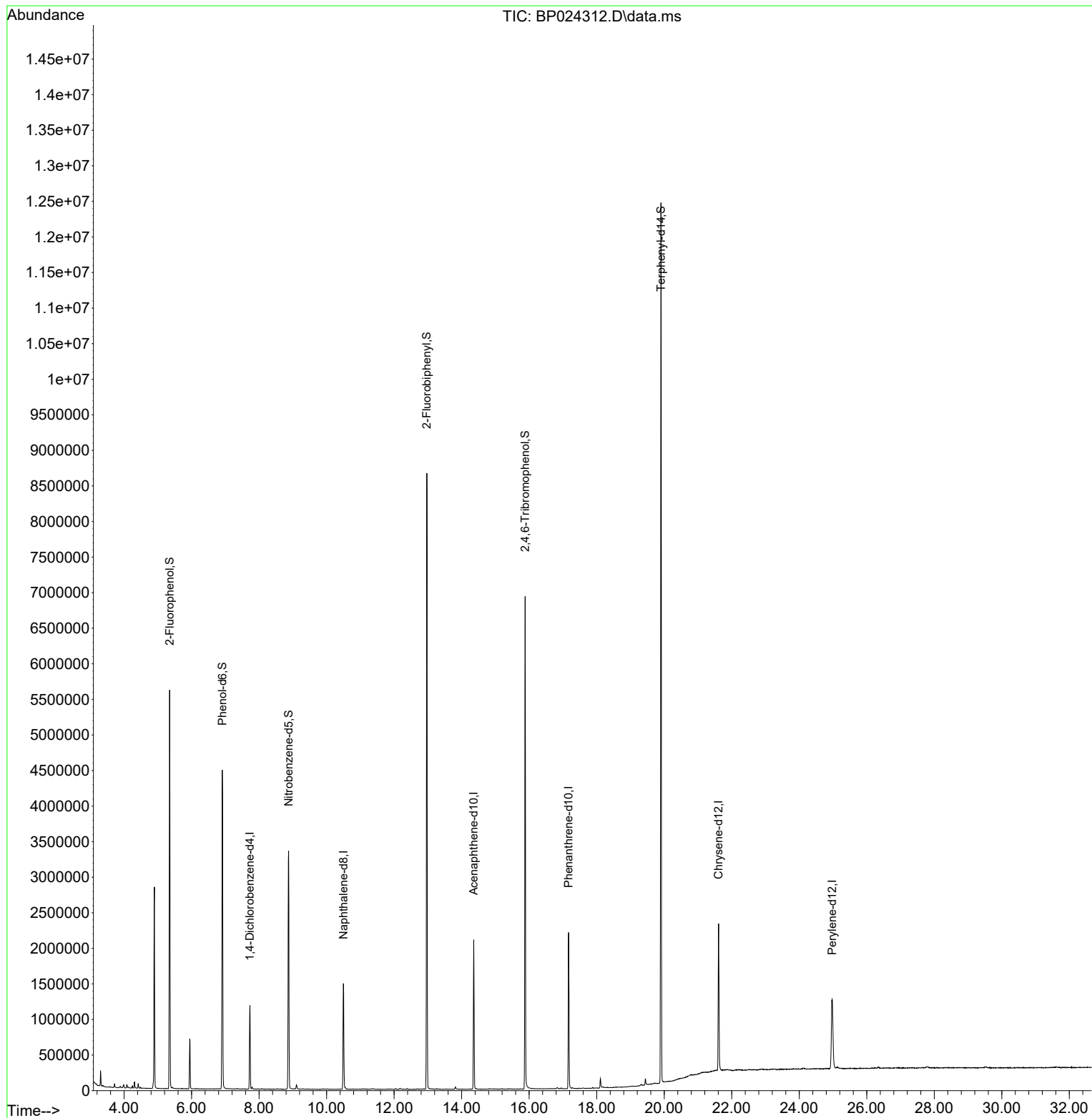
Target Compounds	Qvalue

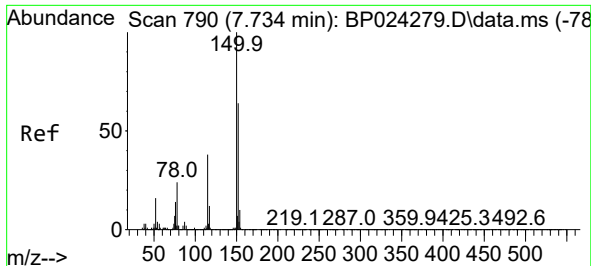
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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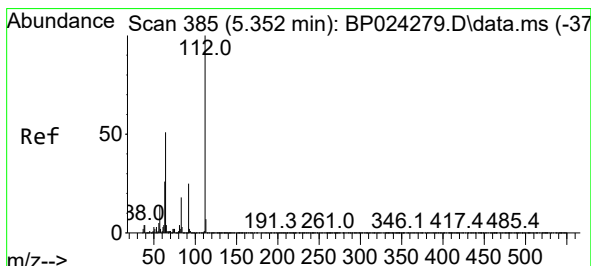
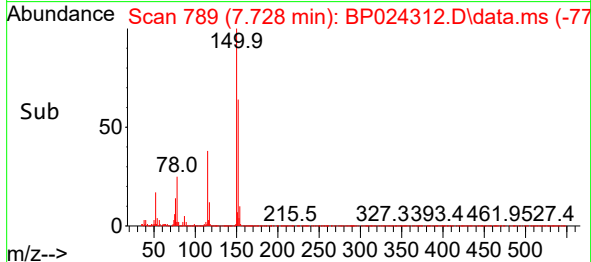
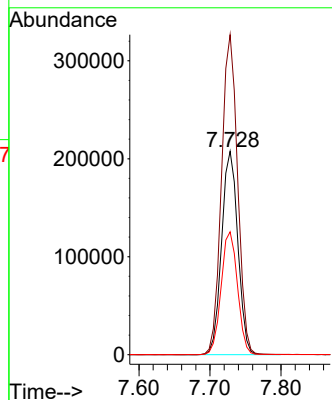
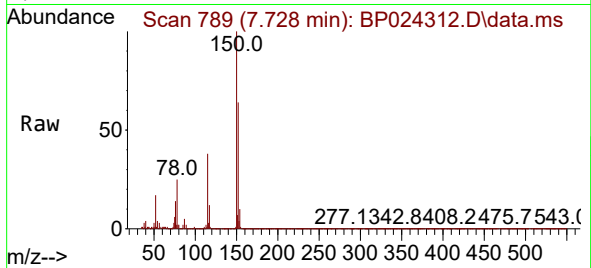




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

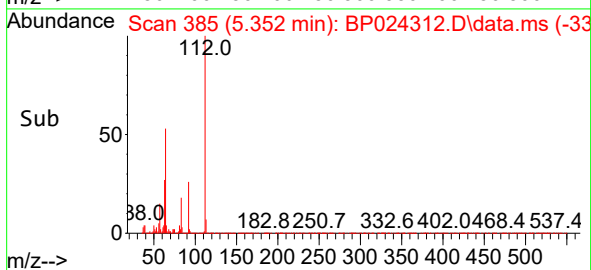
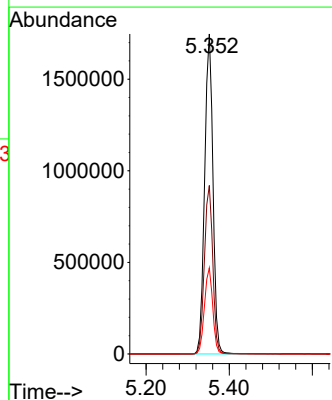
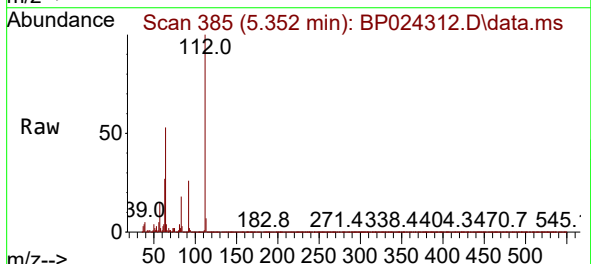
Instrument :
BNA_P
ClientSampleId :
OILY-SOIL-PILE

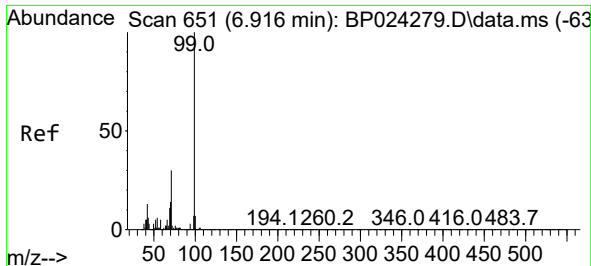
Tgt Ion:152 Resp: 328014
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 60.4 47.7 71.5



#5
2-Fluorophenol
Concen: 122.262 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Tgt Ion:112 Resp: 2425451
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 26.9 20.6 30.8



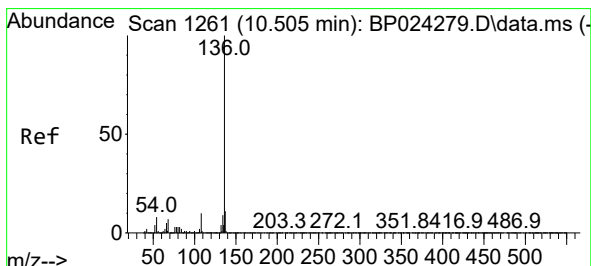
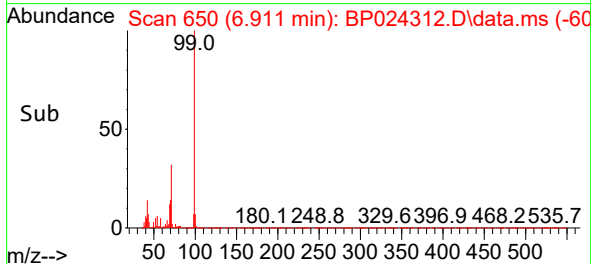
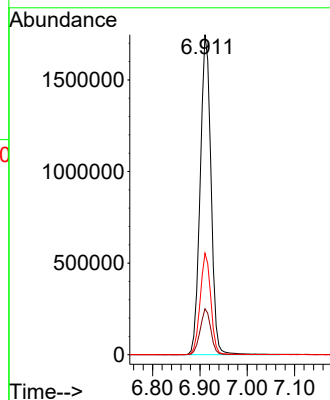
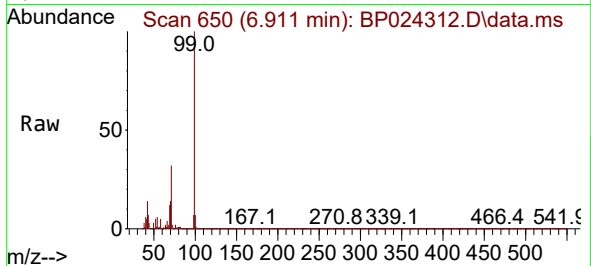


#7
Phenol-d6
Concen: 102.098 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Instrument :
BNA_P
ClientSampleId :
OILY-SOIL-PILE

Tgt Ion: 99 Resp: 2773394

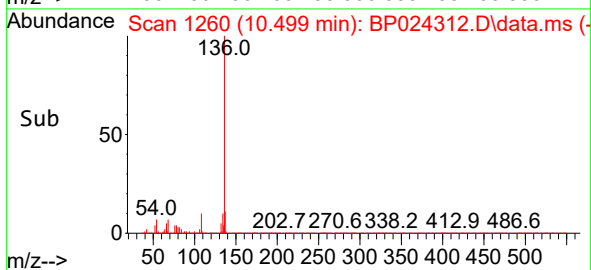
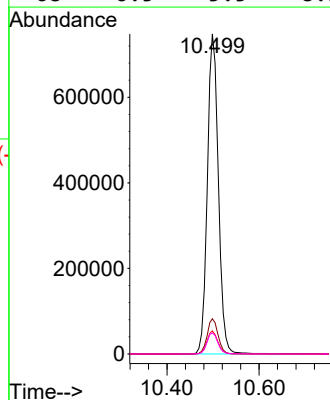
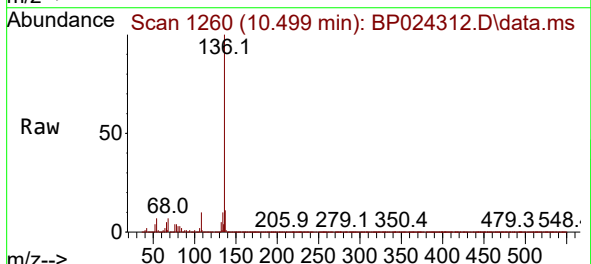
Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.6	16.0
71	31.7	23.7	35.5

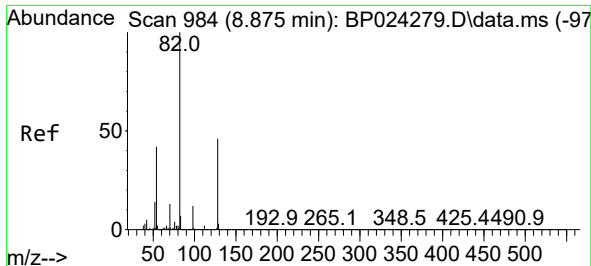


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Tgt Ion: 136 Resp: 1247937

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	6.0	9.0
68	6.5	5.5	8.3

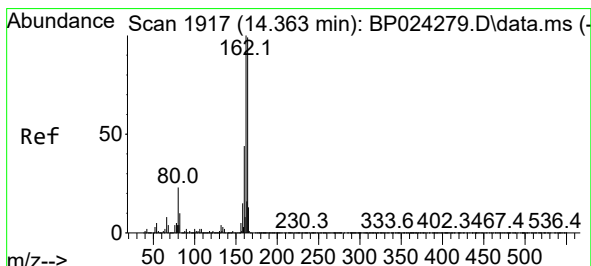
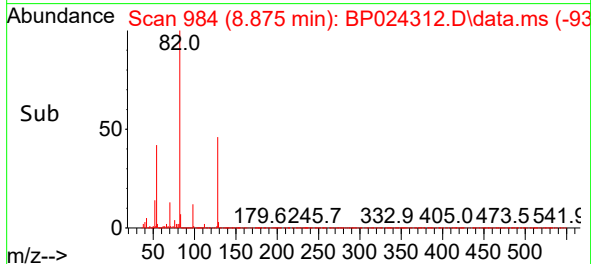
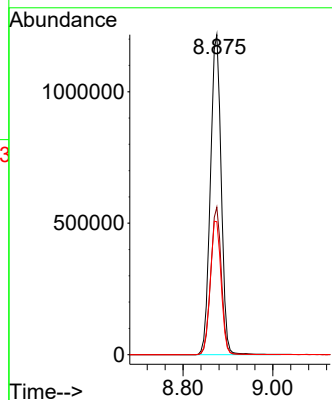
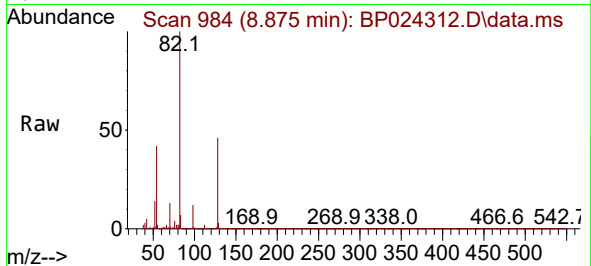




#23
Nitrobenzene-d5
Concen: 92.601 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

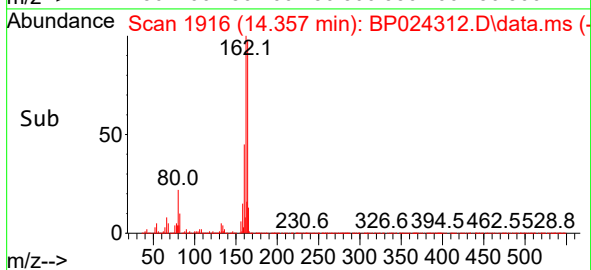
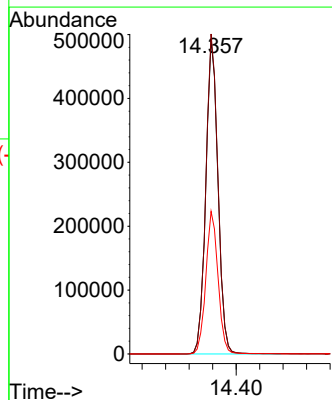
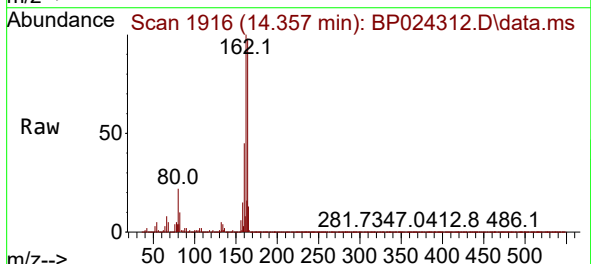
Instrument :
BNA_P
ClientSampleId :
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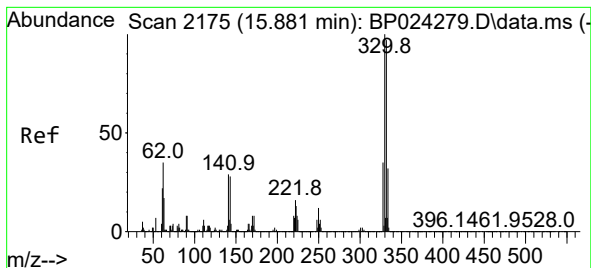
Tgt Ion: 82 Resp: 2026612
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 41.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Tgt Ion: 164 Resp: 710885
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.3 35.3 52.9

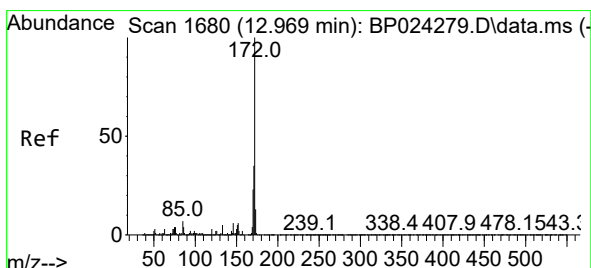
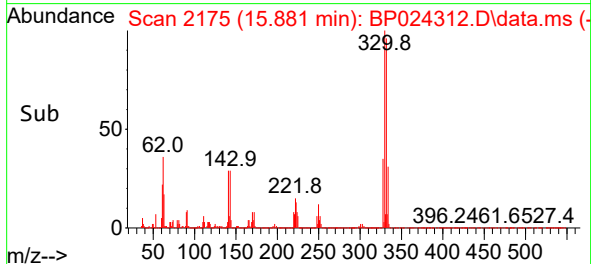
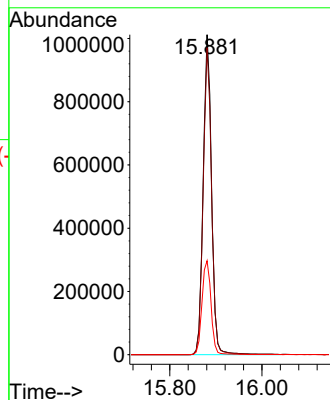
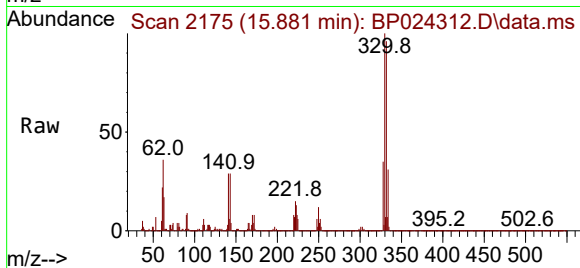




#42
2,4,6-Tribromophenol
Concen: 130.391 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

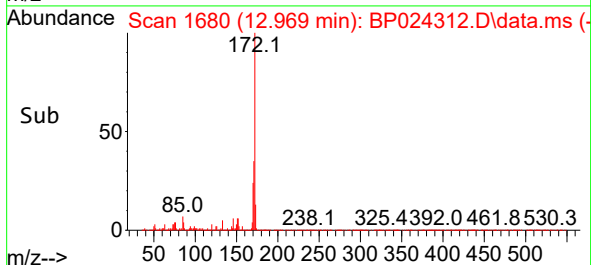
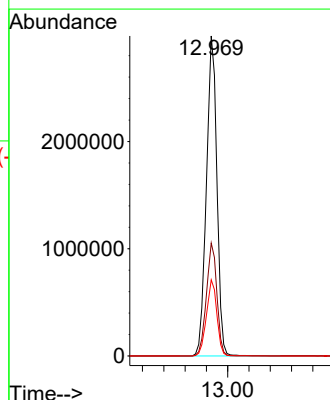
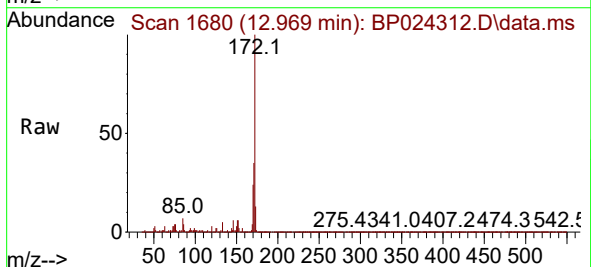
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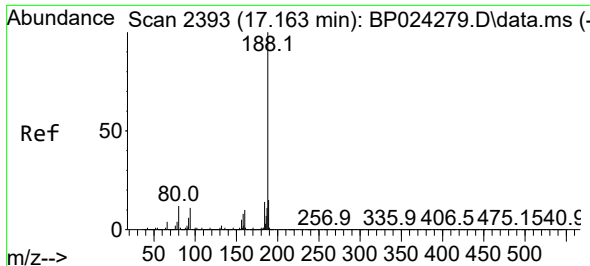
Tgt Ion:330 Resp: 1282457
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 31.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.104 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Tgt Ion:172 Resp: 4090636
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 18.6 27.8

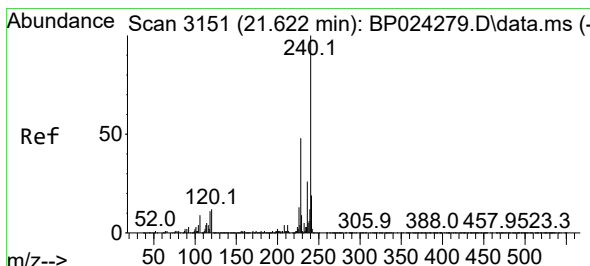
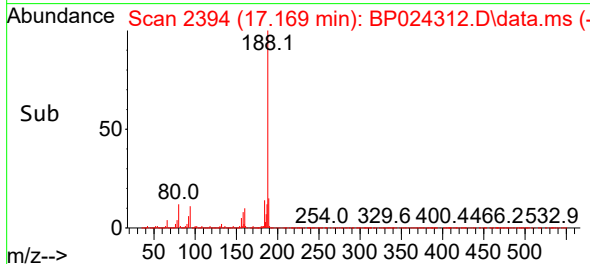
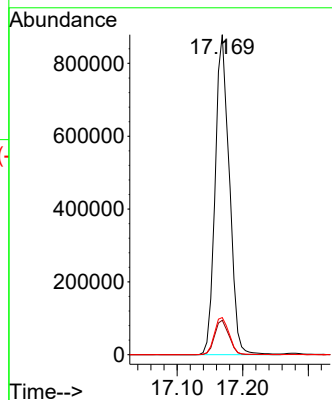
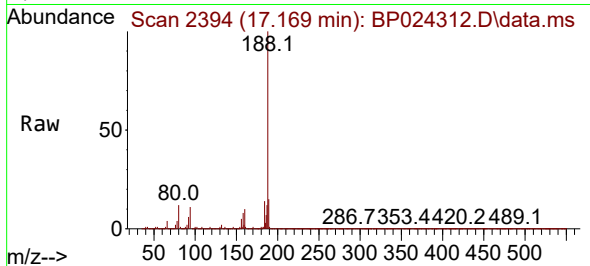




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

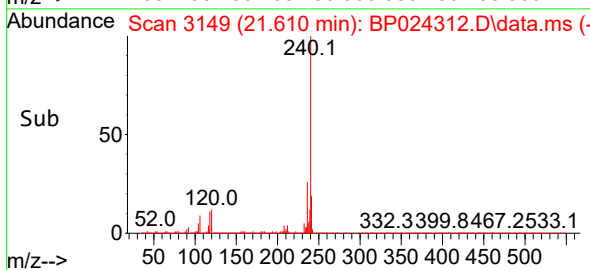
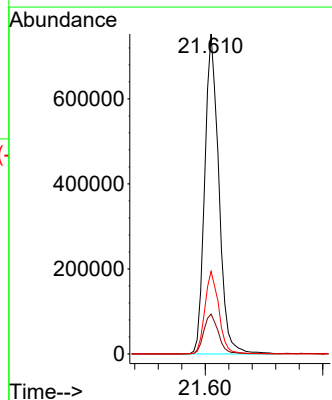
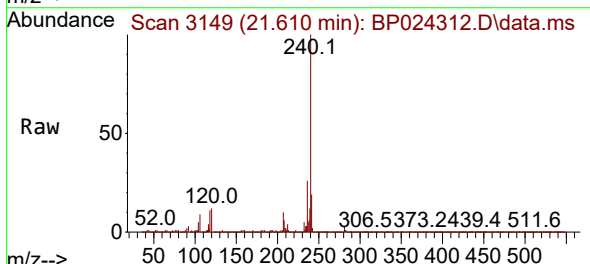
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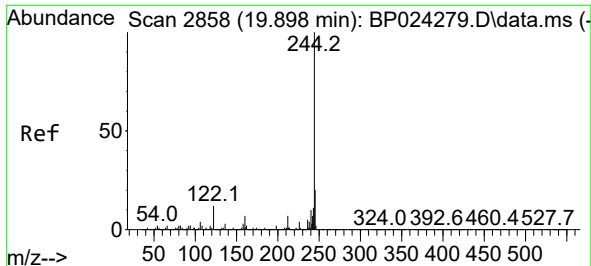
Tgt Ion:188 Resp: 1314121
Ion Ratio Lower Upper
188 100
94 10.7 8.6 13.0
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3149
Delta R.T. -0.012 min
Lab File: BP024312.D
Acq: 16 Apr 2025 15:13

Tgt Ion:240 Resp: 1251135
Ion Ratio Lower Upper
240 100
120 12.4 9.8 14.8
236 25.8 20.9 31.3

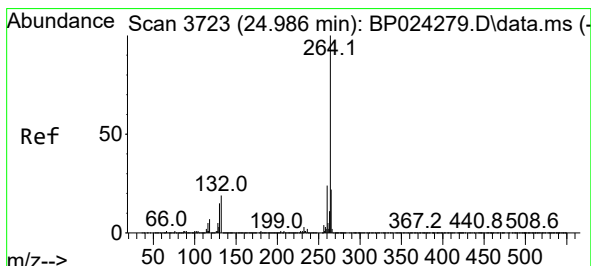
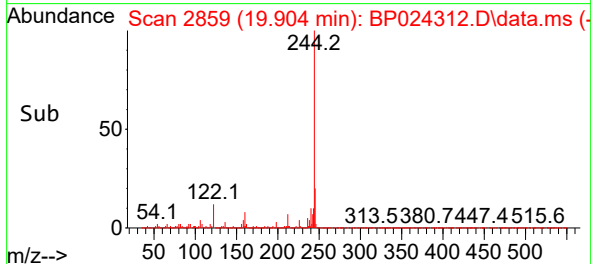
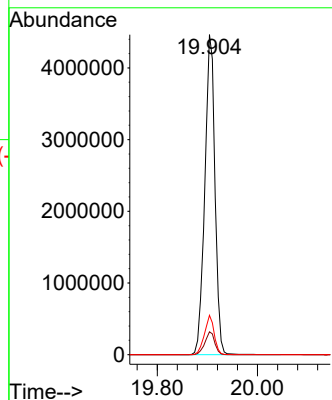
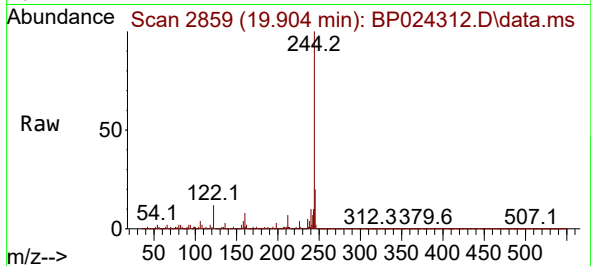




#79
 Terphenyl-d14
 Concen: 101.189 ng
 RT: 19.904 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024312.D
 Acq: 16 Apr 2025 15:13

Instrument :
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Tgt Ion:244 Resp: 6280917
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.3 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3721
 Delta R.T. -0.012 min
 Lab File: BP024312.D
 Acq: 16 Apr 2025 15:13

Tgt Ion:264 Resp: 1194728
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.6 17.8 26.6

