

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024302.D
 Acq On : 15 Apr 2025 20:13
 Operator : RC/JU
 Sample : Q1803-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FUEL-MONITORING

Quant Time: Apr 16 01:42:45 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	305503	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	1161646	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	664105	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1246746	20.000	ng	-0.01
76) Chrysene-d12	21.633	240	1239764	20.000	ng	0.01
86) Perylene-d12	25.004	264	1205800	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2273416	123.043	ng	0.00
7) Phenol-d6	6.916	99	2535237	100.208	ng	0.00
23) Nitrobenzene-d5	8.875	82	1956323	96.029	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1255308	136.621	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	3731904	86.040	ng	0.00
79) Terphenyl-d14	19.898	244	6227517	101.248	ng	-0.02

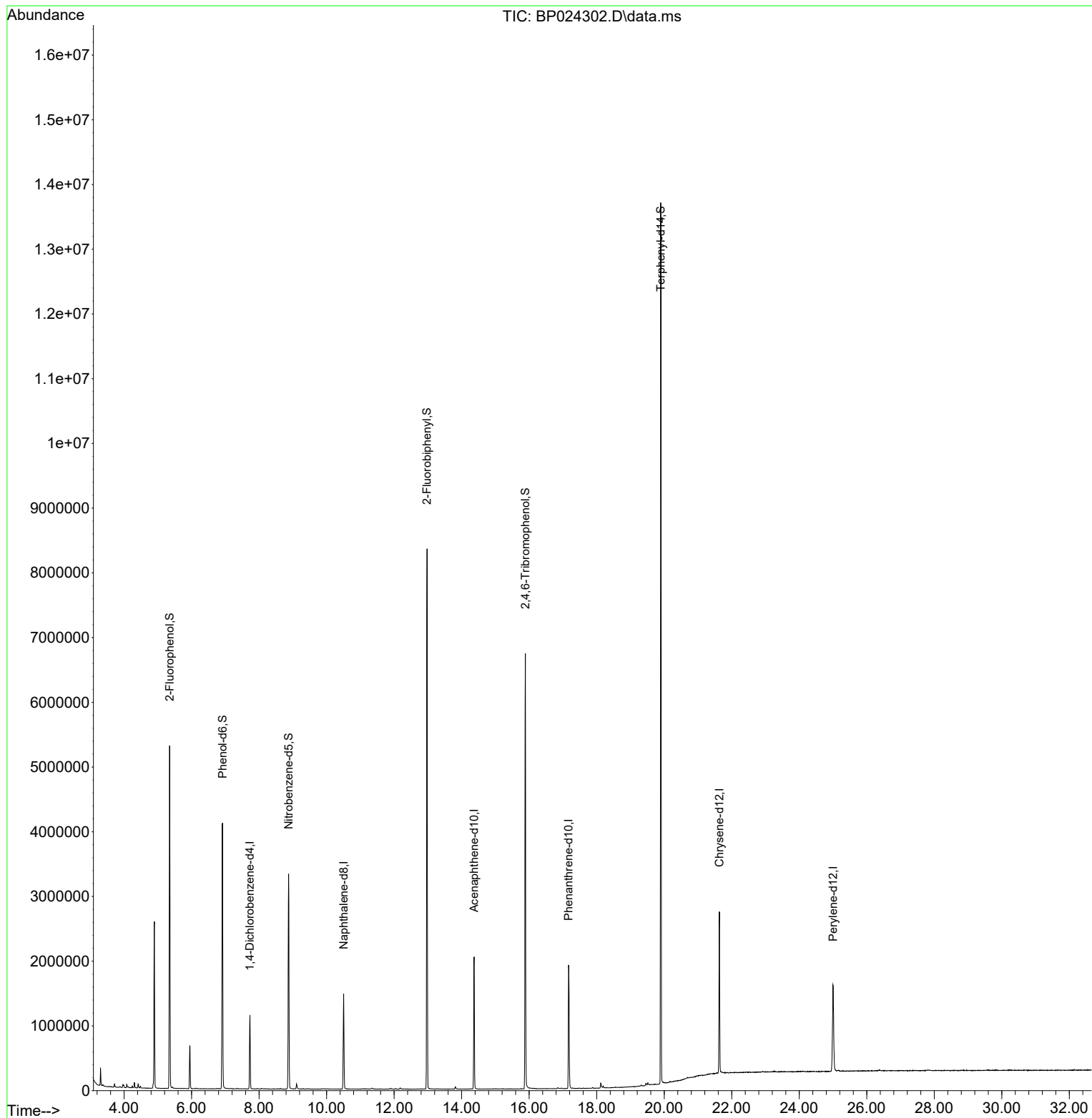
Target Compounds	Qvalue

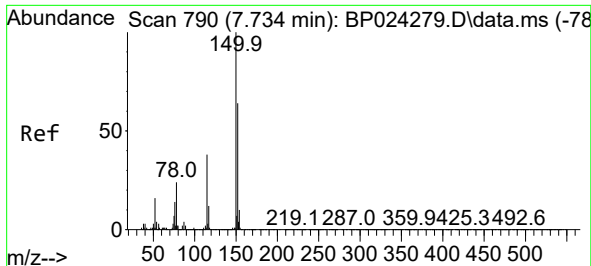
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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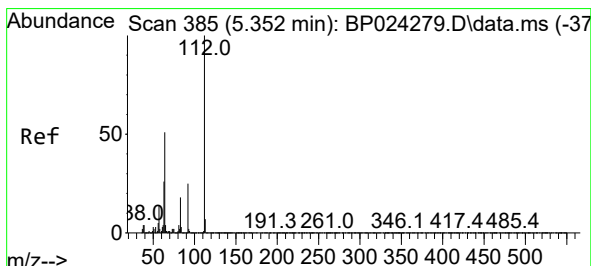
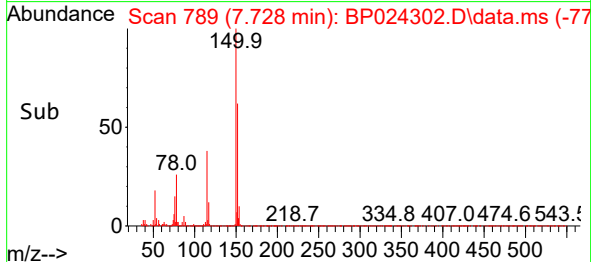
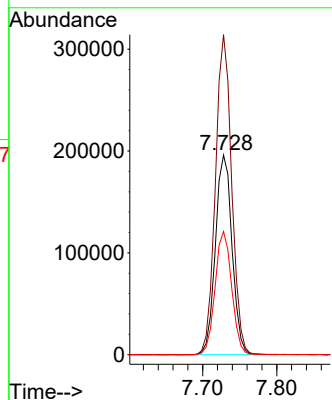
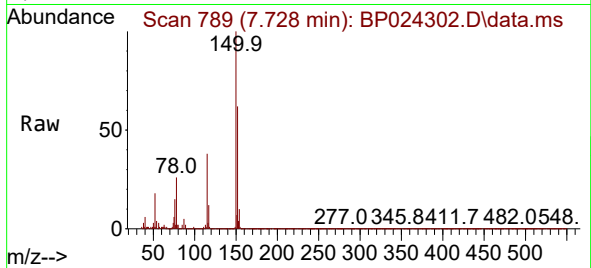




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

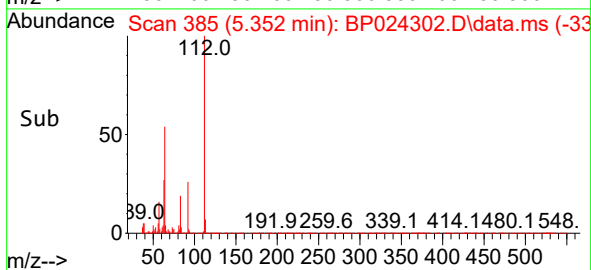
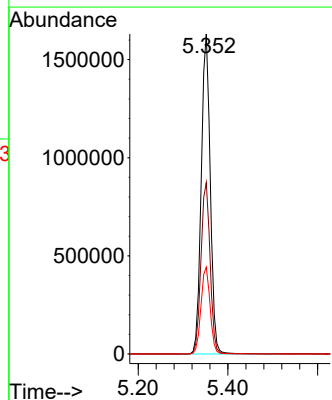
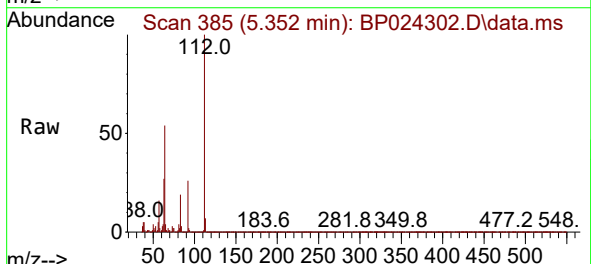
Instrument :
BNA_P
ClientSampleId :
FUEL-MONITORING

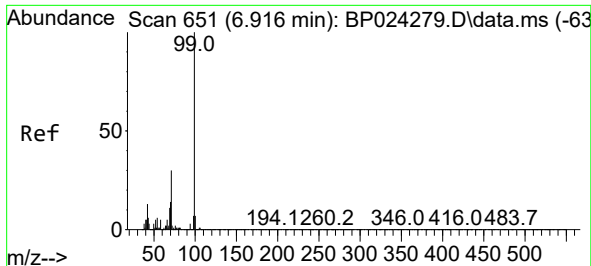
Tgt Ion:152 Resp: 305503
Ion Ratio Lower Upper
152 100
150 160.3 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 123.043 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

Tgt Ion:112 Resp: 2273416
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 27.1 20.6 30.8

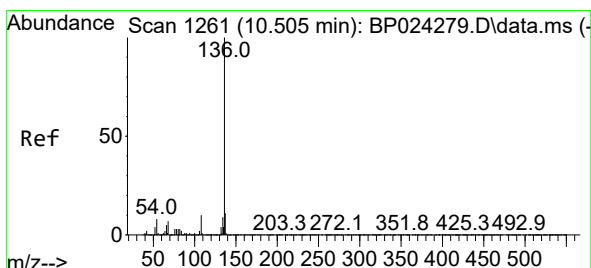
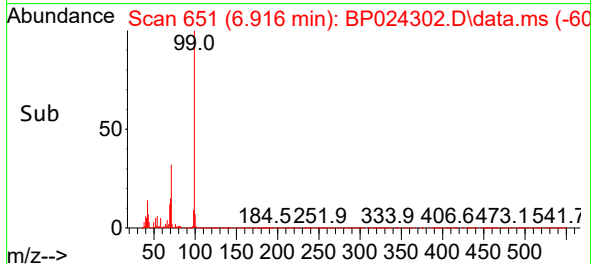
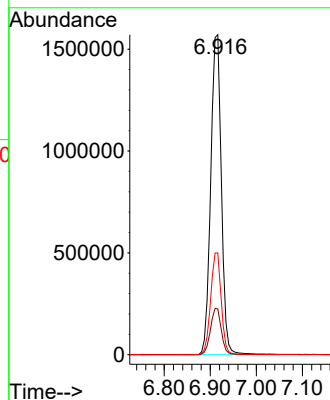
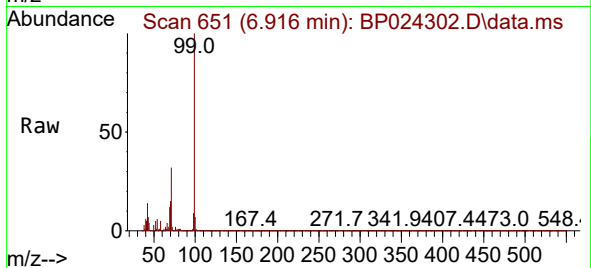




#7
Phenol-d6
Concen: 100.208 ng
RT: 6.916 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

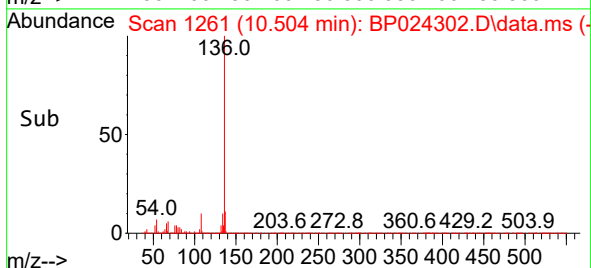
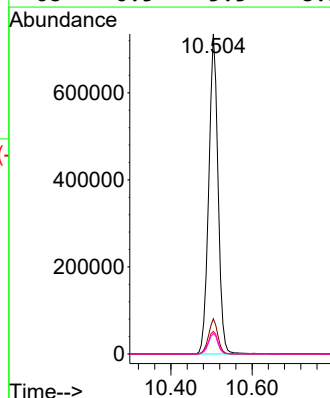
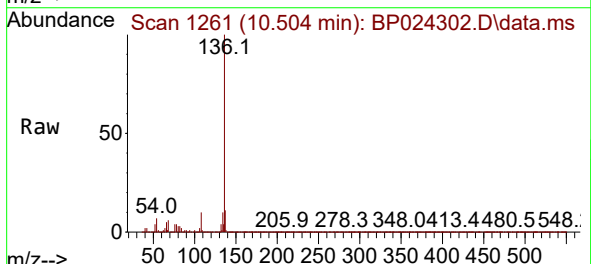
Instrument :
BNA_P
ClientSampleId :
FUEL-MONITORING

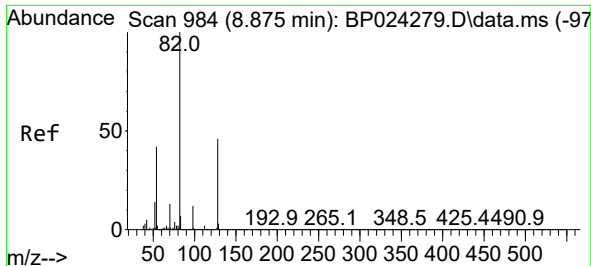
Tgt Ion: 99 Resp: 2535237
Ion Ratio Lower Upper
99 100
42 14.3 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

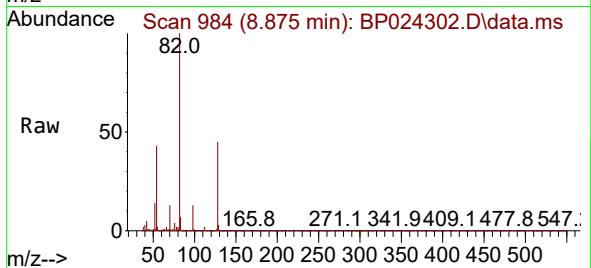
Tgt Ion:136 Resp: 1161646
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.1 6.0 9.0
68 6.5 5.5 8.3



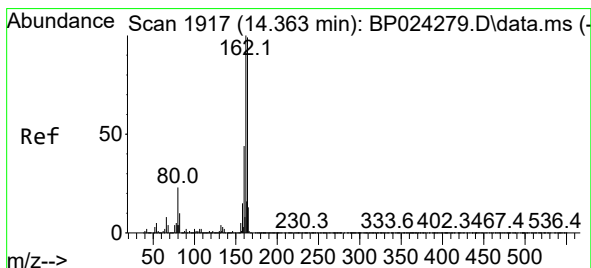
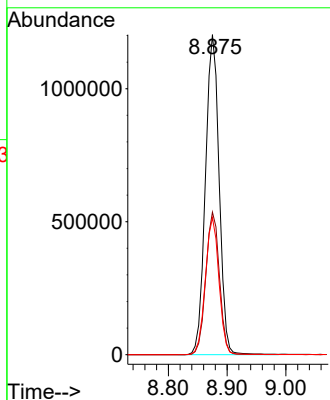
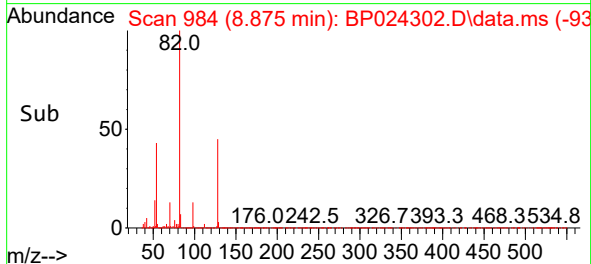


#23
Nitrobenzene-d5
Concen: 96.029 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

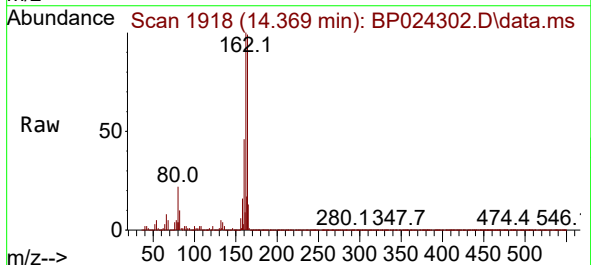
Instrument :
BNA_P
ClientSampleId :
FUEL-MONITORING



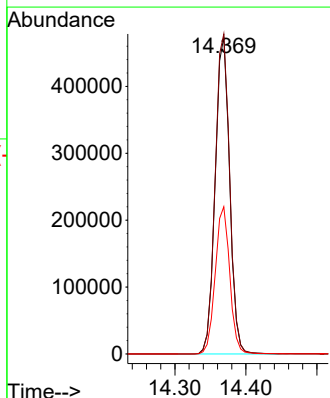
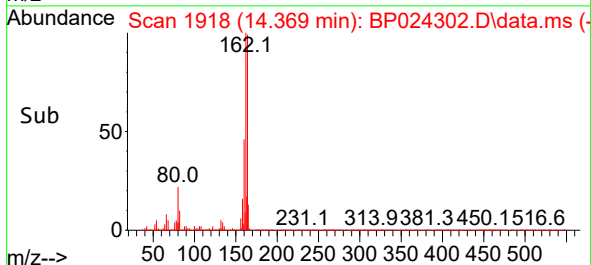
Tgt Ion: 82 Resp: 1956323
Ion Ratio Lower Upper
82 100
128 44.5 36.5 54.7
54 42.8 33.4 50.2

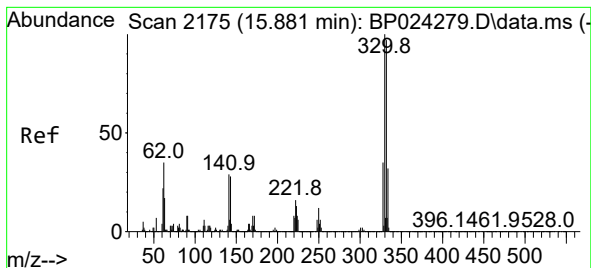


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13



Tgt Ion:164 Resp: 664105
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 46.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 136.621 ng

RT: 15.886 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024302.D

Acq: 15 Apr 2025 20:13

Instrument :

BNA_P

ClientSampleId :

FUEL-MONITORING

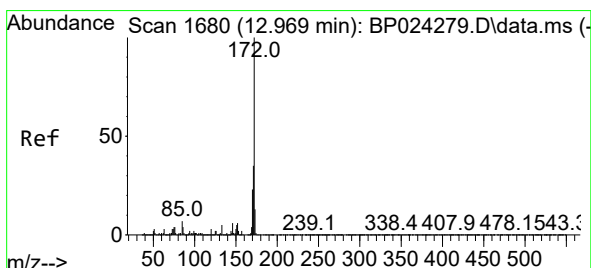
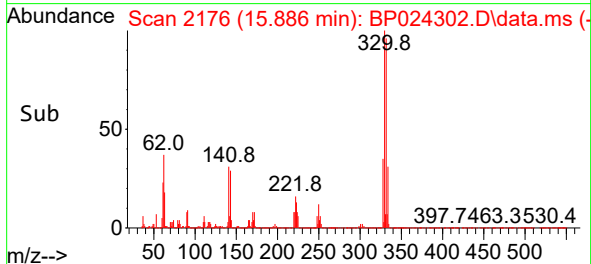
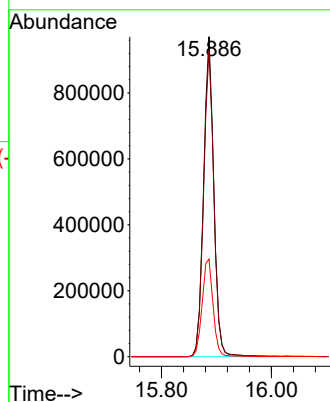
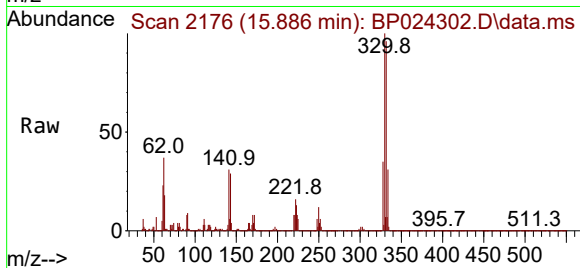
Tgt Ion:330 Resp: 1255308

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 32.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 86.040 ng

RT: 12.975 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BP024302.D

Acq: 15 Apr 2025 20:13

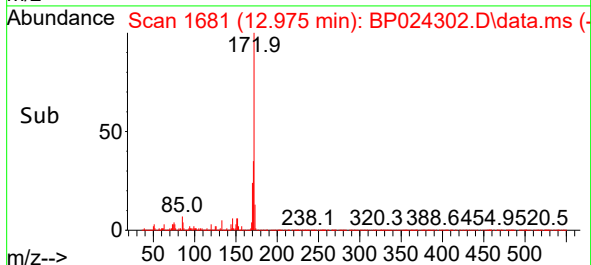
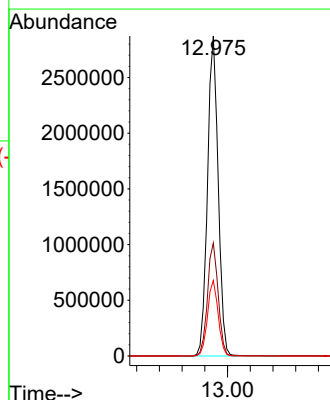
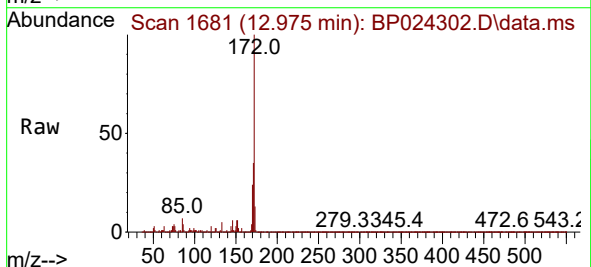
Tgt Ion:172 Resp: 3731904

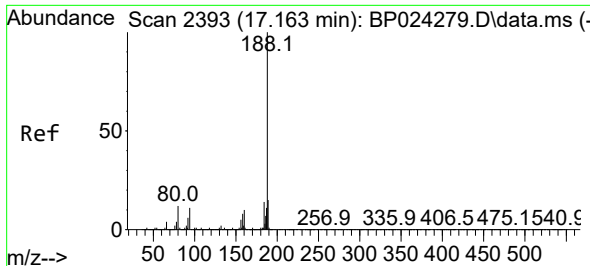
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.2

170 23.6 18.6 27.8

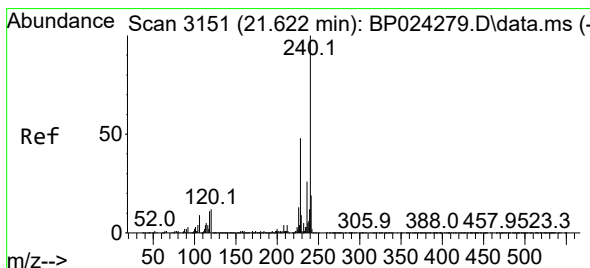
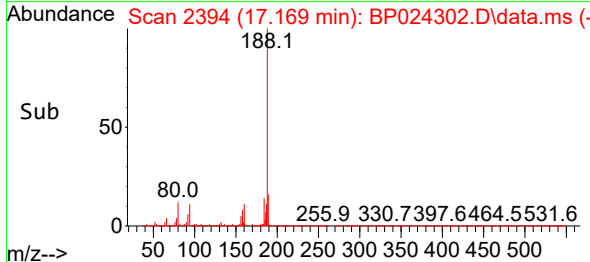
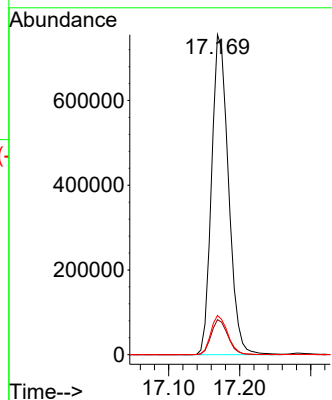
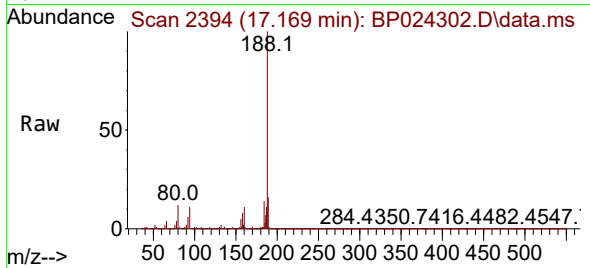




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

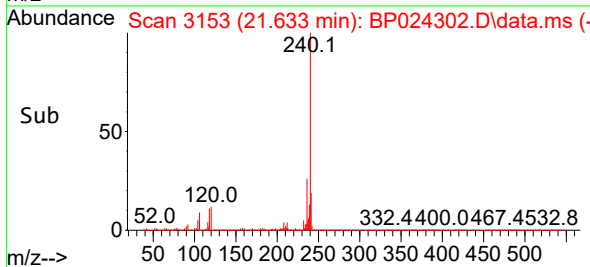
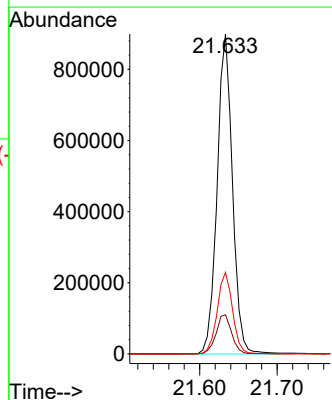
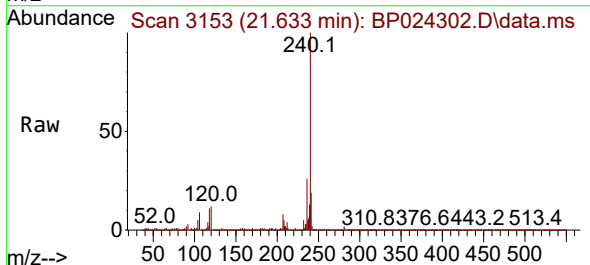
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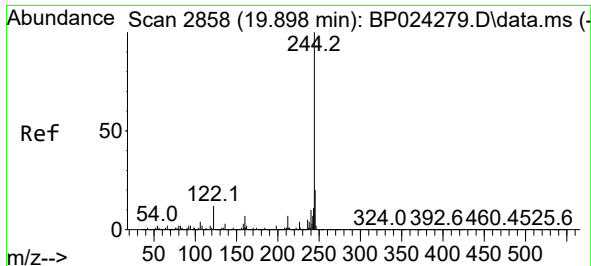
Tgt Ion:188 Resp: 1246746
Ion Ratio Lower Upper
188 100
94 10.9 8.6 13.0
80 12.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3153
Delta R.T. 0.012 min
Lab File: BP024302.D
Acq: 15 Apr 2025 20:13

Tgt Ion:240 Resp: 1239764
Ion Ratio Lower Upper
240 100
120 12.3 9.8 14.8
236 25.5 20.9 31.3

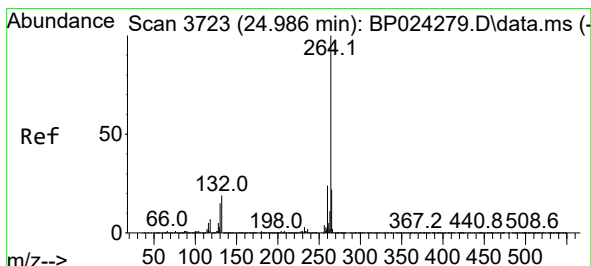
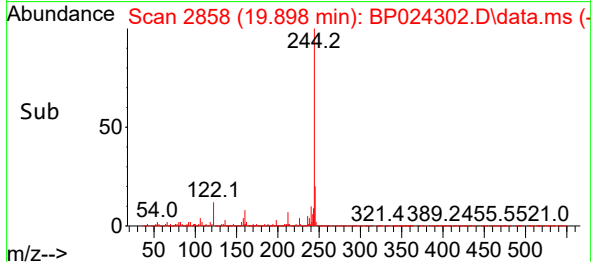
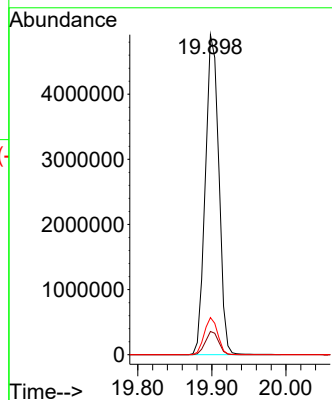
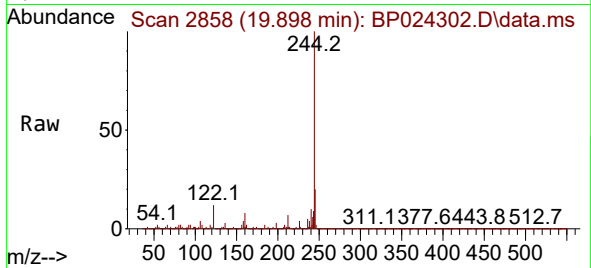




#79
 Terphenyl-d14
 Concen: 101.248 ng
 RT: 19.898 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BP024302.D
 Acq: 15 Apr 2025 20:13

Instrument :
 BNA_P
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Tgt Ion:244 Resp: 6227517
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.6 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3726
 Delta R.T. 0.018 min
 Lab File: BP024302.D
 Acq: 15 Apr 2025 20:13

Tgt Ion:264 Resp: 1205800
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.1 17.8 26.6

