

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024332.D
 Acq On : 17 Apr 2025 18:44
 Operator : RC/JU
 Sample : Q1826-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Apr 17 23:49:31 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	7.722	152	221929	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	851418	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	452294	20.000	ng	-0.02
64) Phenanthrene-d10	17.151	188	806445	20.000	ng	-0.03
76) Chrysene-d12	21.598	240	924811	20.000	ng	-0.02
86) Perylene-d12	24.945	264	1171176	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	754398	56.206	ng	0.00
7) Phenol-d6	6.904	99	1088910	59.249	ng	-0.01
23) Nitrobenzene-d5	8.869	82	780586	52.277	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	268372	42.886	ng	-0.02
45) 2-Fluorobiphenyl	12.963	172	1600864	54.193	ng	-0.02
79) Terphenyl-d14	19.886	244	2202259	47.999	ng	-0.04

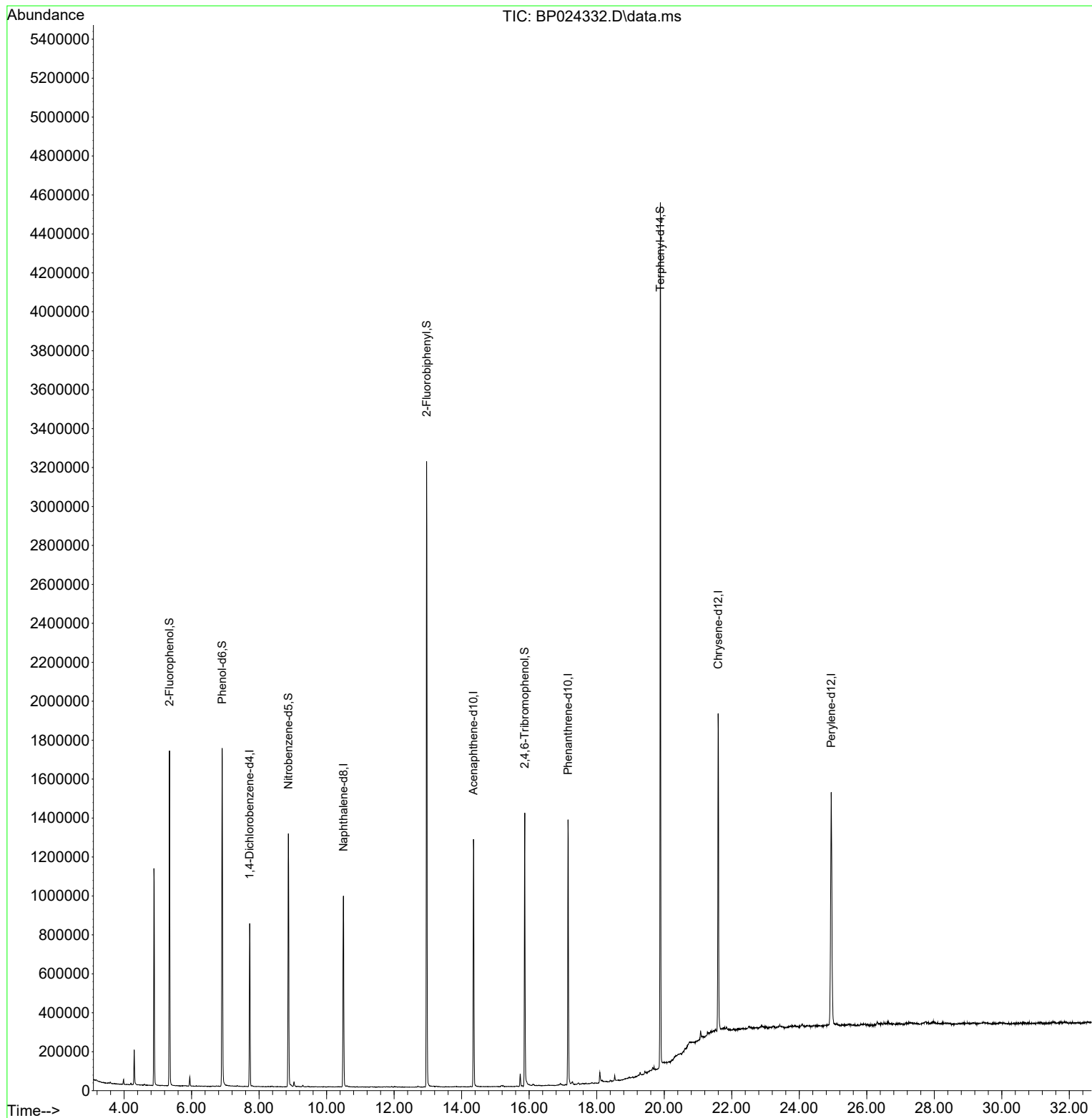
Target Compounds	Qvalue

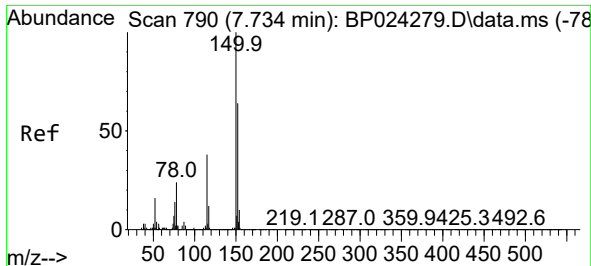
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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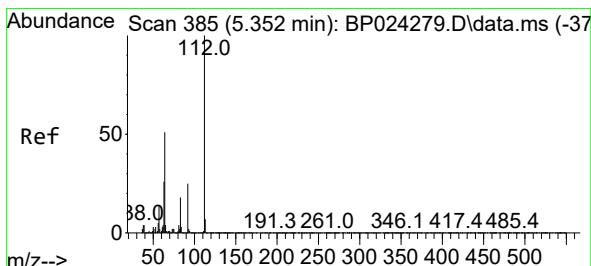
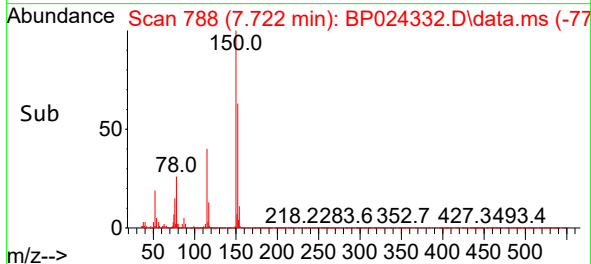
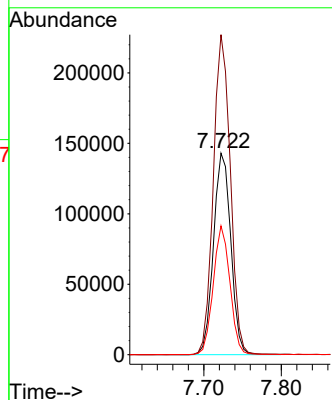
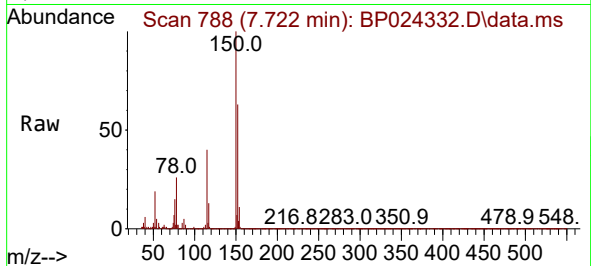




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

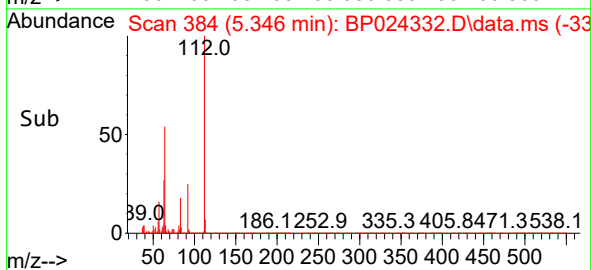
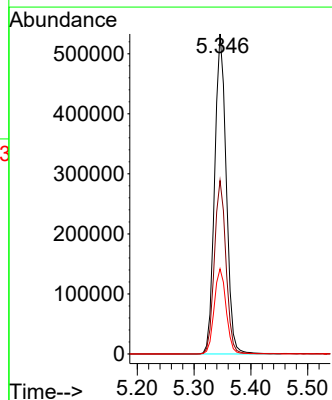
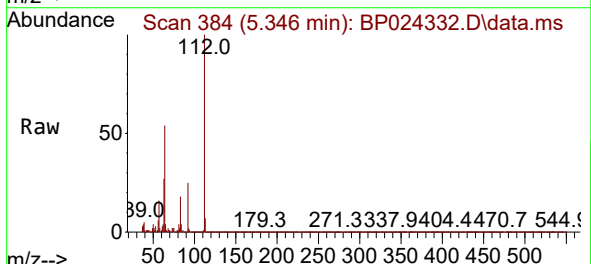
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

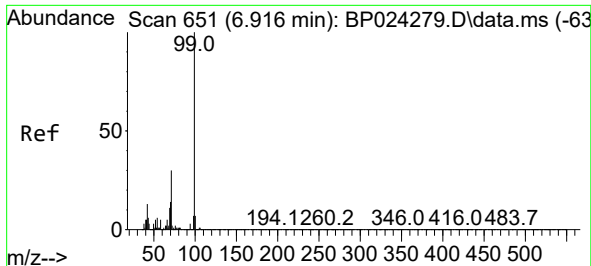
Tgt Ion:152 Resp: 221929
Ion Ratio Lower Upper
152 100
150 158.8 124.9 187.3
115 63.9 47.7 71.5



#5
2-Fluorophenol
Concen: 56.206 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

Tgt Ion:112 Resp: 754398
Ion Ratio Lower Upper
112 100
64 54.2 41.1 61.7
63 26.6 20.6 30.8

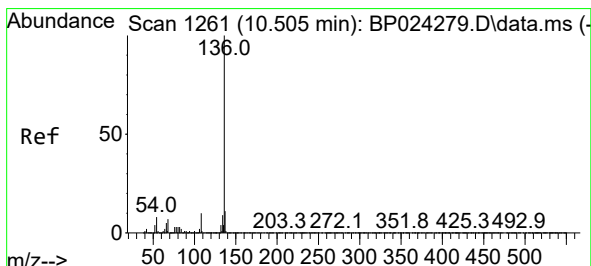
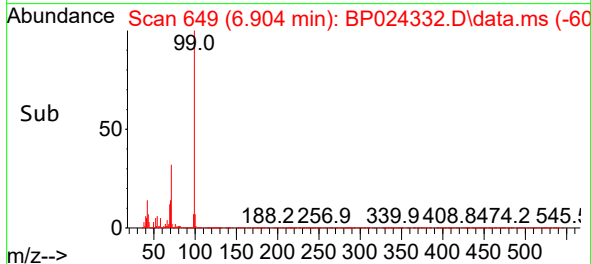
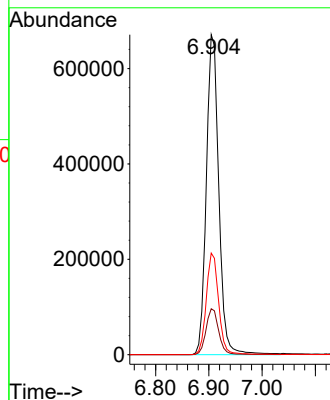
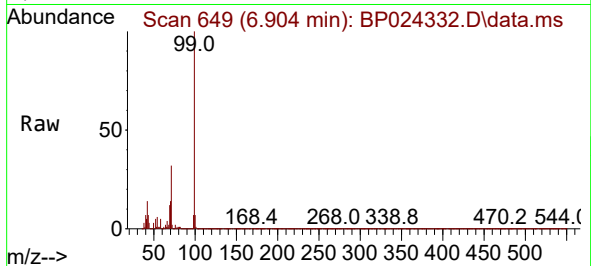




#7
Phenol-d6
Concen: 59.249 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.012 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

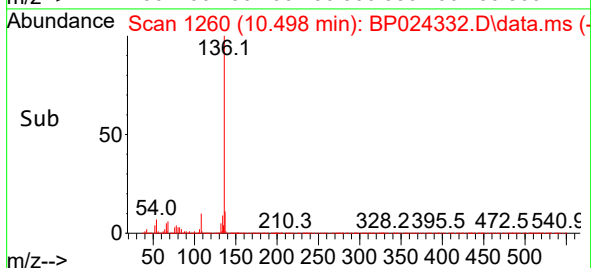
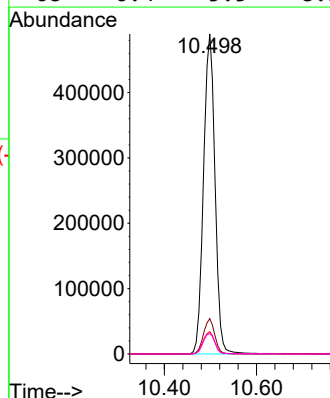
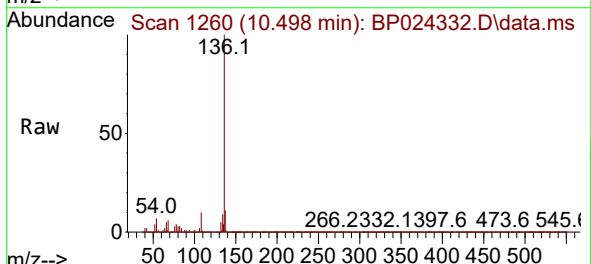
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

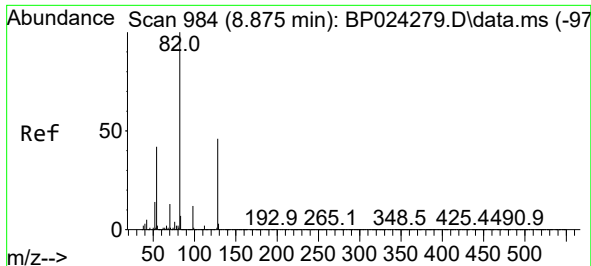
Tgt Ion: 99 Resp: 1088910
Ion Ratio Lower Upper
99 100
42 14.3 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

Tgt Ion: 136 Resp: 851418
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 6.4 5.5 8.3

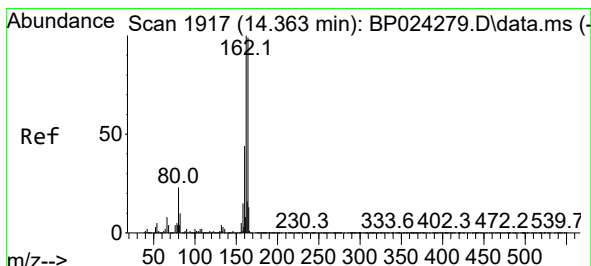
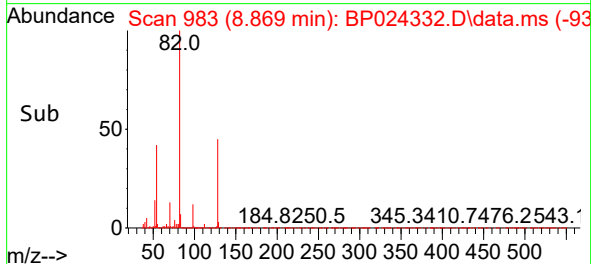
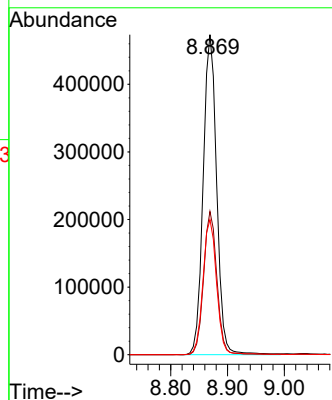
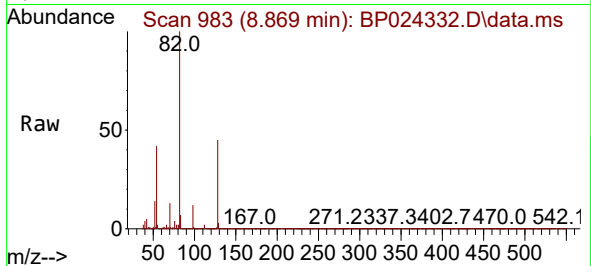




#23
Nitrobenzene-d5
Concen: 52.277 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

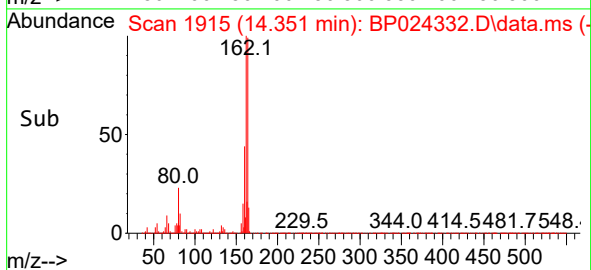
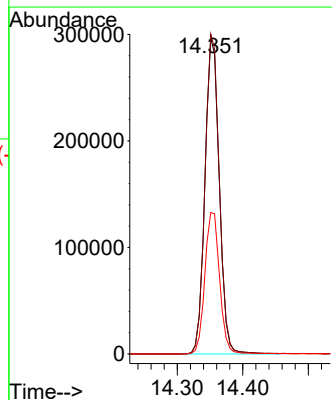
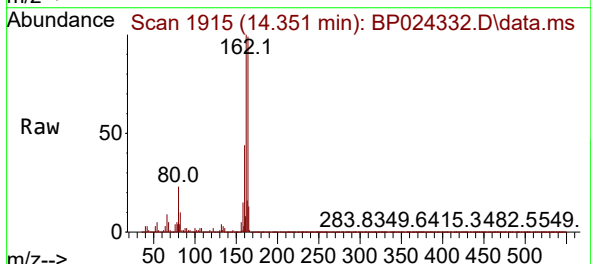
Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

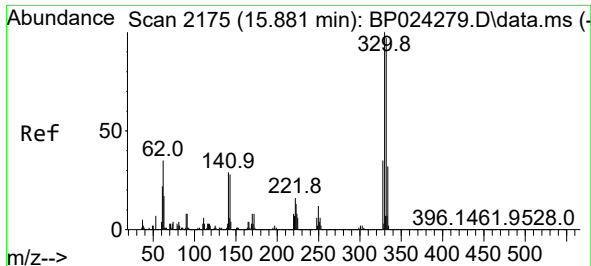
Tgt Ion: 82 Resp: 780586
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 42.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

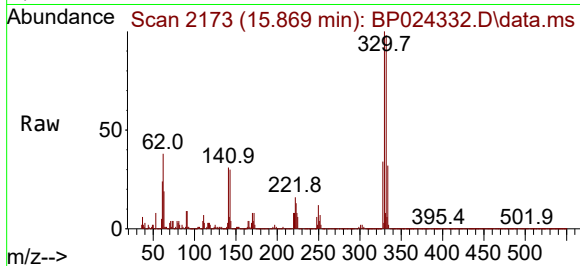
Tgt Ion: 164 Resp: 452294
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.7 35.3 52.9



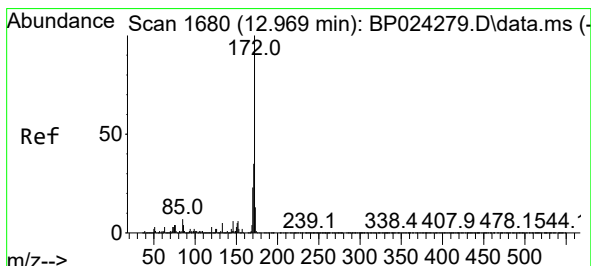
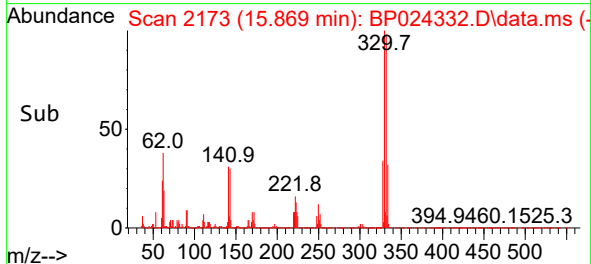
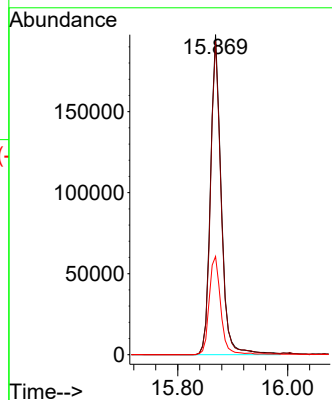


#42
2,4,6-Tribromophenol
Concen: 42.886 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

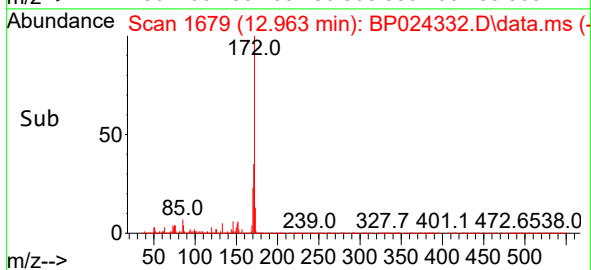
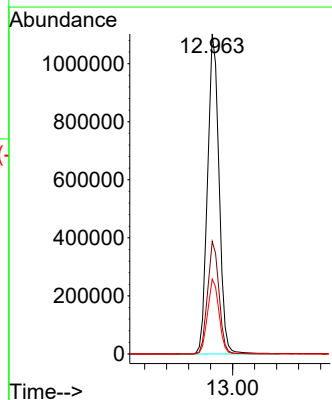
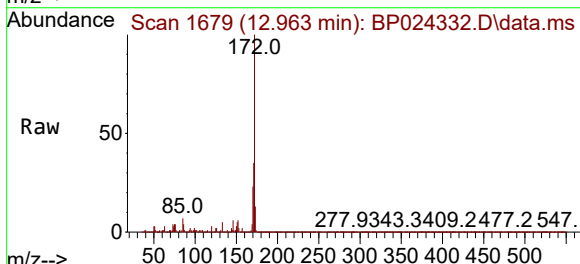


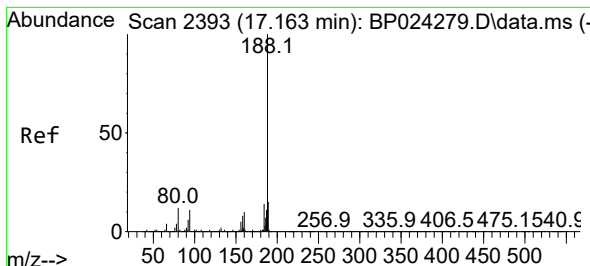
Tgt Ion:330 Resp: 268372
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 54.193 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.018 min
Lab File: BP024332.D
Acq: 17 Apr 2025 18:44

Tgt Ion:172 Resp: 1600864
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP024332.D

Acq: 17 Apr 2025 18:44

Instrument :

BNA_P

ClientSampleId :

CONCRETE-PILE

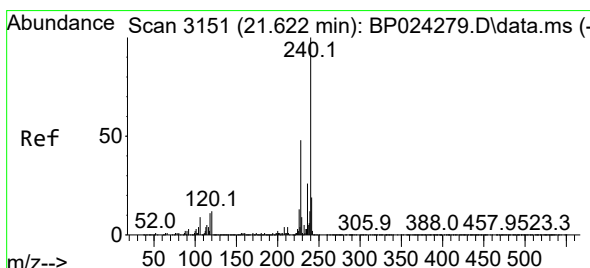
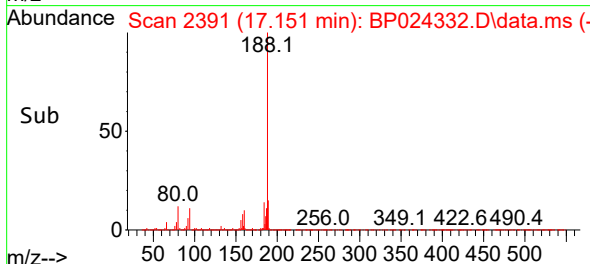
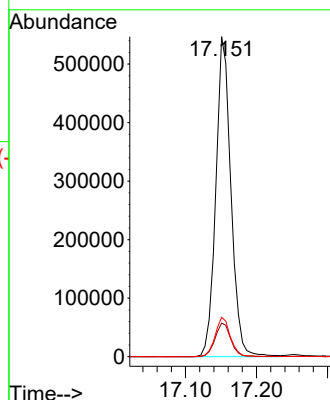
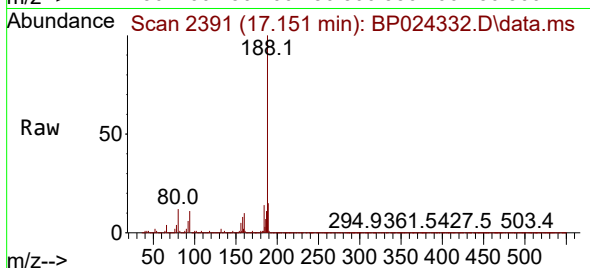
Tgt Ion:188 Resp: 806445

Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

80 12.3 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3147

Delta R.T. -0.024 min

Lab File: BP024332.D

Acq: 17 Apr 2025 18:44

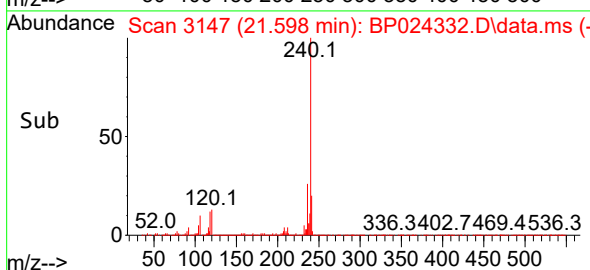
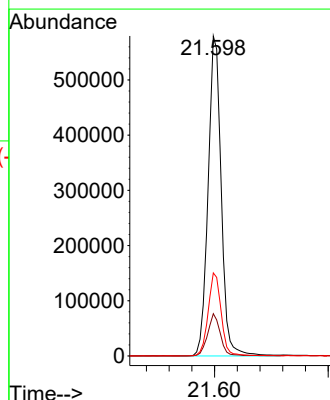
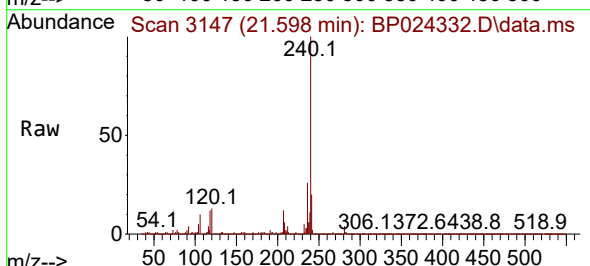
Tgt Ion:240 Resp: 924811

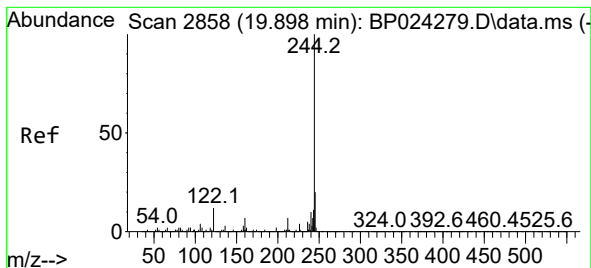
Ion Ratio Lower Upper

240 100

120 13.2 9.8 14.8

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 47.999 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024332.D

Acq: 17 Apr 2025 18:44

Instrument :

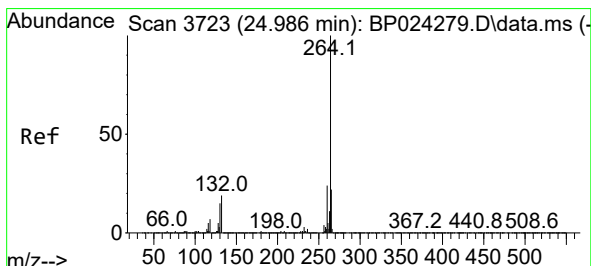
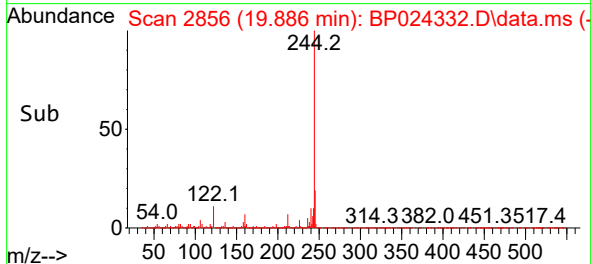
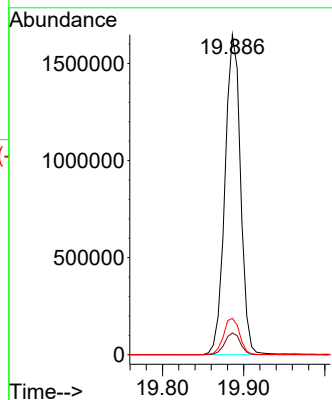
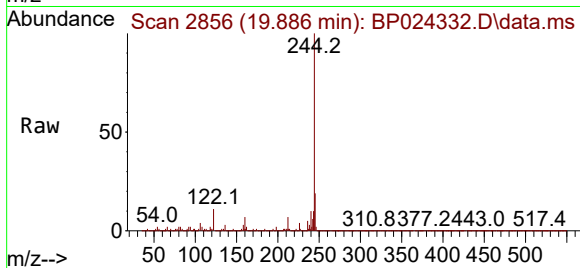
BNA_P

ClientSampleId :

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Tgt Ion:244 Resp: 2202259

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.3	9.4	14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. -0.041 min

Lab File: BP024332.D

Acq: 17 Apr 2025 18:44

Tgt Ion:264 Resp: 1171176

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.8	17.8	26.6

