

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
 Data File : BP021520.D
 Acq On : 15 Aug 2024 19:20
 Operator : RC/JU
 Sample : P3582-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Quant Time: Aug 16 01:29:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

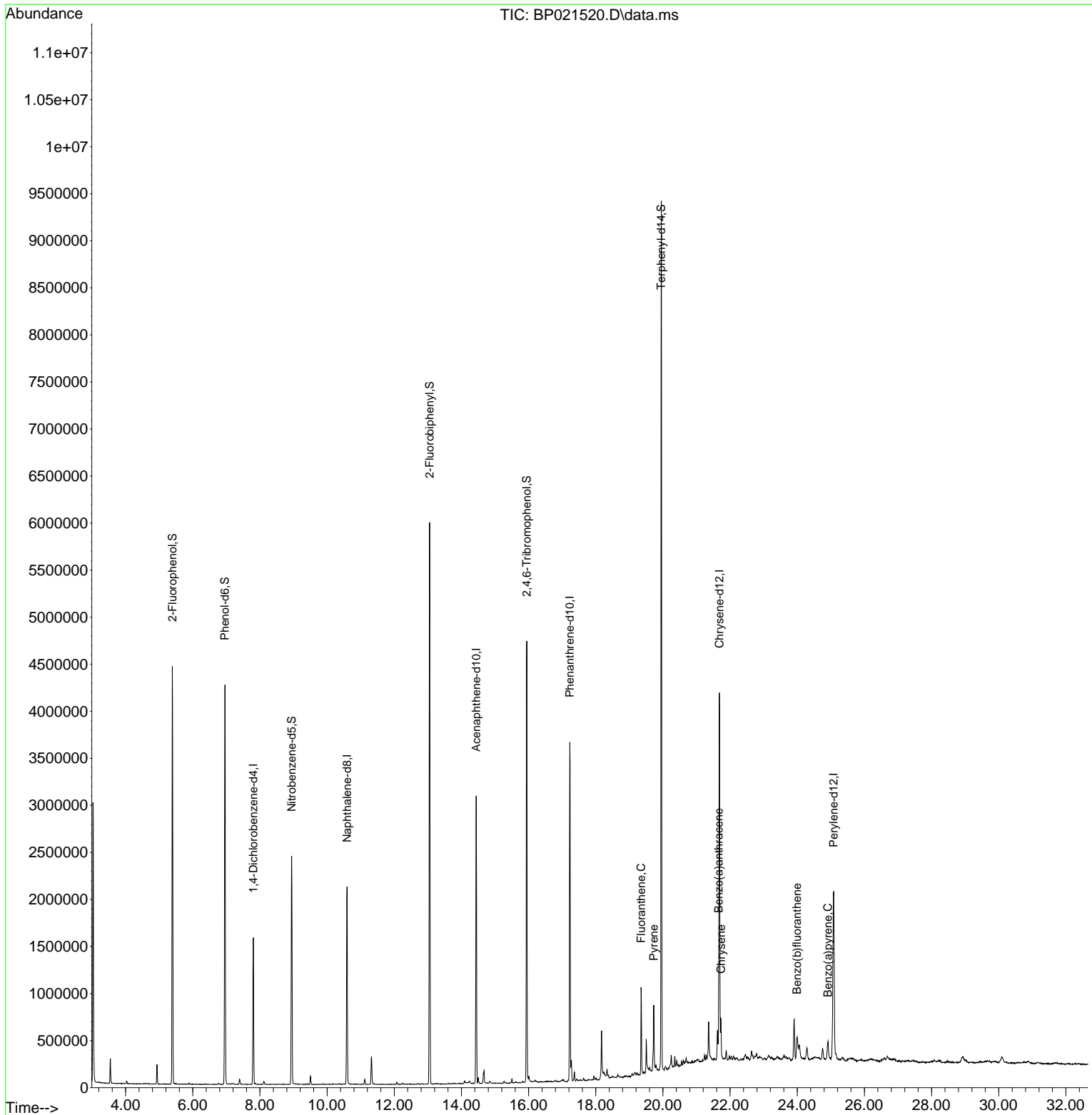
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	409072	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1603363	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	1024171	20.000	ng	-0.02
64) Phenanthrene-d10	17.228	188	2176009	20.000	ng	-0.02
76) Chrysene-d12	21.680	240	2054960	20.000	ng	-0.02
86) Perylene-d12	25.086	264	1899731	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1974996	71.689	ng	0.00
7) Phenol-d6	6.957	99	2757811	68.622	ng	0.00
23) Nitrobenzene-d5	8.946	82	1629923	52.470	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	874460	76.716	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	2990798	44.567	ng	-0.01
79) Terphenyl-d14	19.951	244	4931384	46.621	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	19.351	202	499051	3.887	ng	98
78) Pyrene	19.727	202	443742	3.304	ng	98
81) Benzo(a)anthracene	21.663	228	280351	2.173	ng	97
83) Chrysene	21.727	228	259860	2.134	ng	98
88) Benzo(b)fluoranthene	23.992	252	292716	2.683	ng	98
90) Benzo(a)pyrene	24.915	252	213247	2.252	ng	96

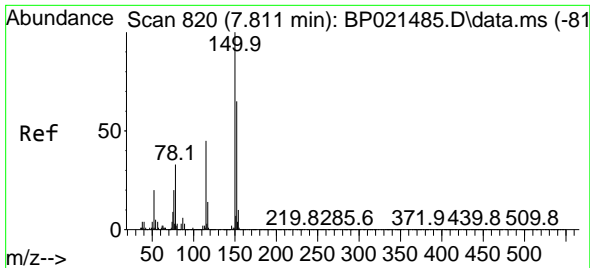
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
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S-855-J-SO-3-3.5-081224

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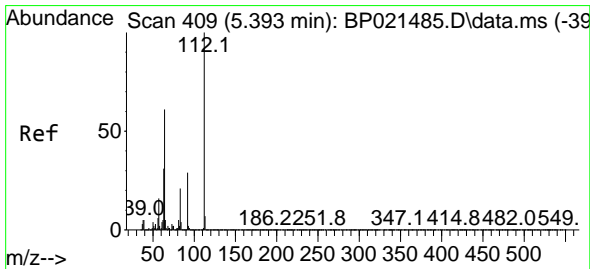
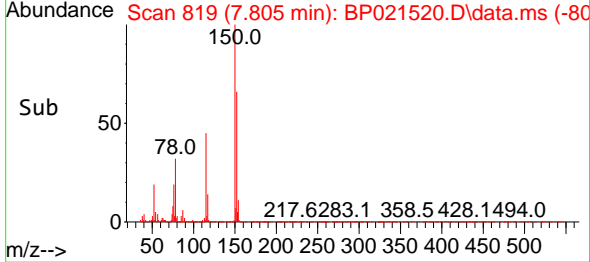
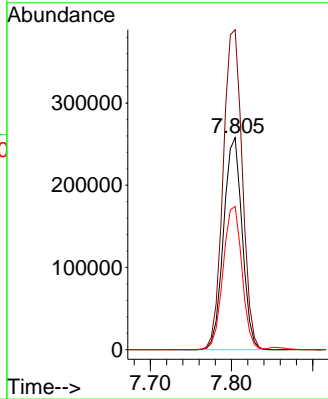
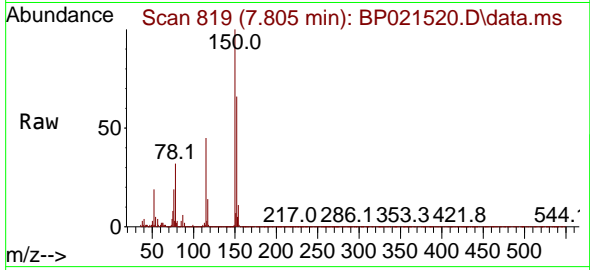


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Tgt Ion:152 Resp: 409072

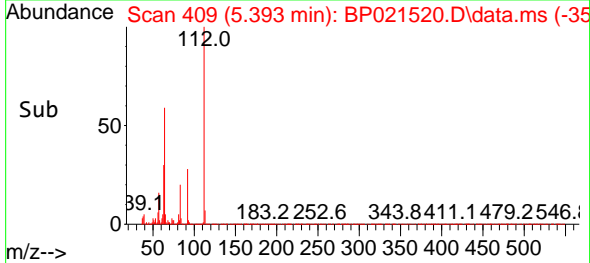
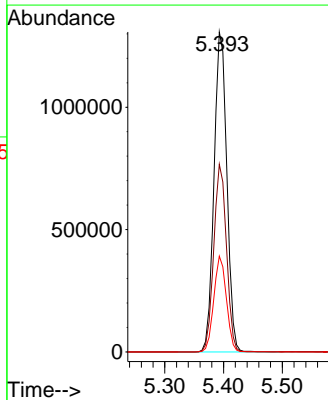
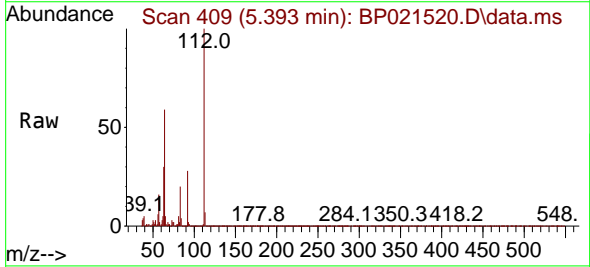
Ion	Ratio	Lower	Upper
152	100		
150	150.9	122.4	183.6
115	67.5	54.7	82.1

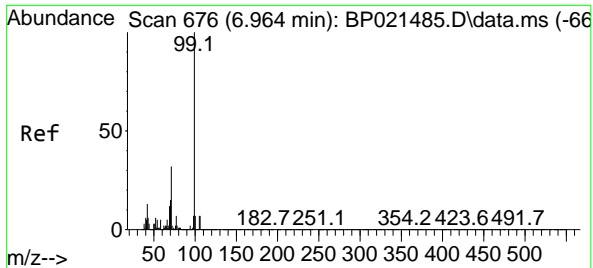


#5
 2-Fluorophenol
 Concen: 71.689 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:112 Resp: 1974996

Ion	Ratio	Lower	Upper
112	100		
64	58.7	49.0	73.6
63	30.0	24.6	36.8



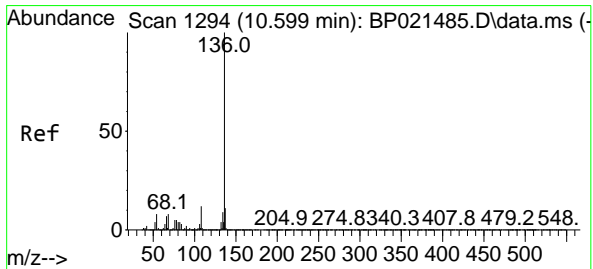
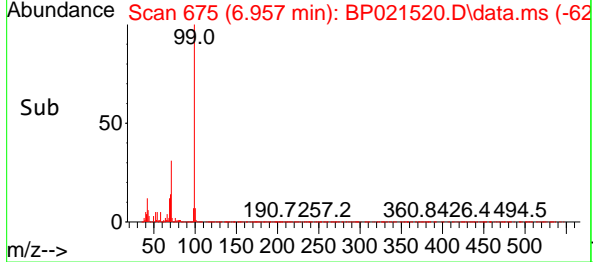
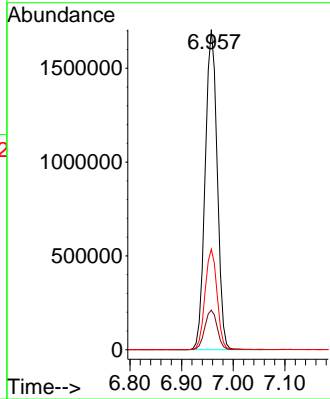
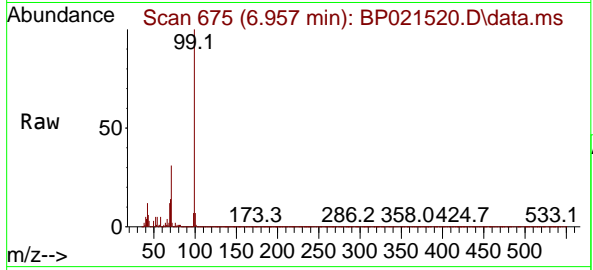


#7
 Phenol-d6
 Concen: 68.622 ng
 RT: 6.957 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Tgt Ion: 99 Resp: 2757811

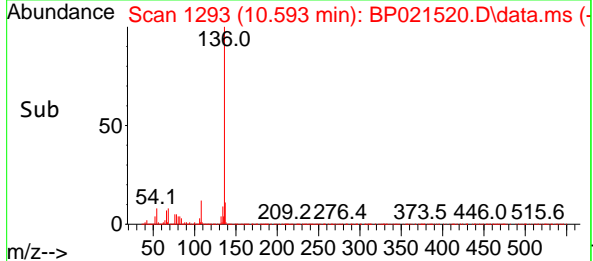
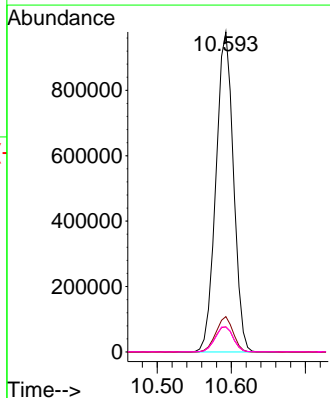
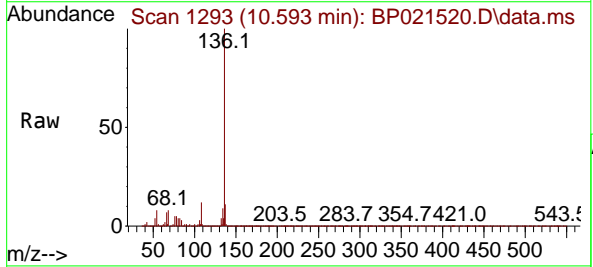
Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.2	15.4
71	31.4	25.8	38.8

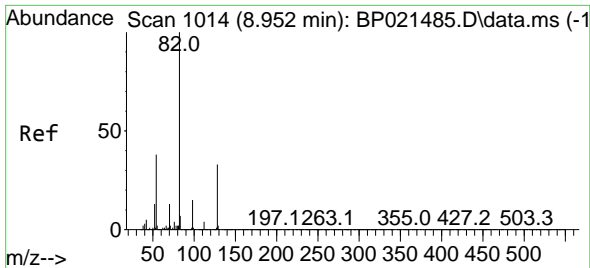


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.593 min Scan# 1293
 Delta R.T. -0.006 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion: 136 Resp: 1603363

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	7.8	6.8	10.2



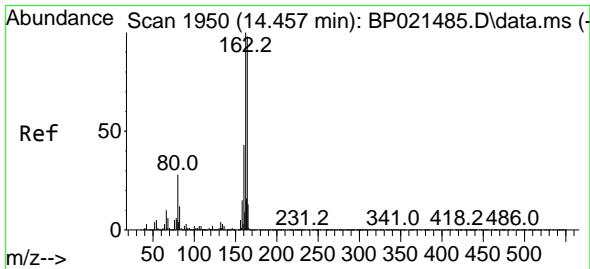
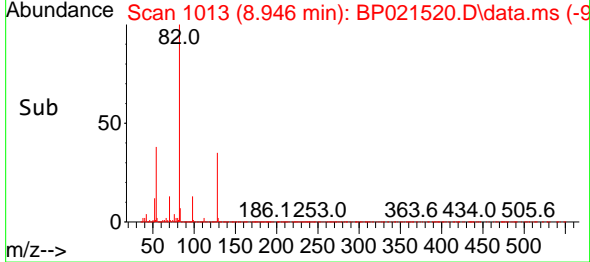
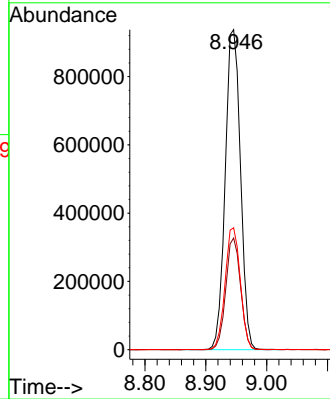
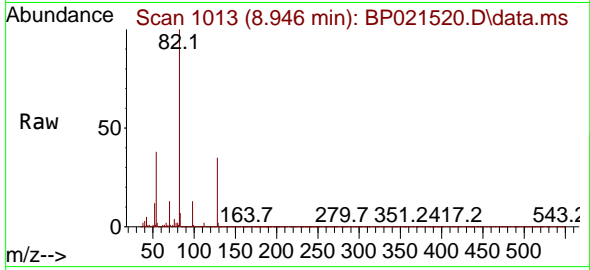


#23
 Nitrobenzene-d5
 Concen: 52.470 ng
 RT: 8.946 min Scan# 1014
 Delta R.T. -0.006 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Tgt Ion: 82 Resp: 1629923

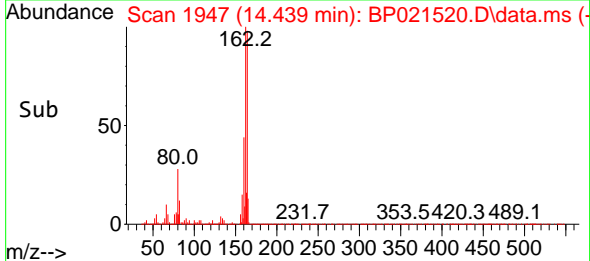
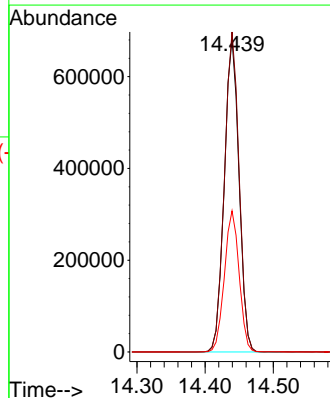
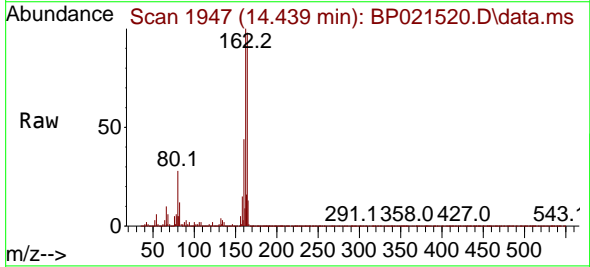
Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.5	39.7
54	38.1	30.3	45.5

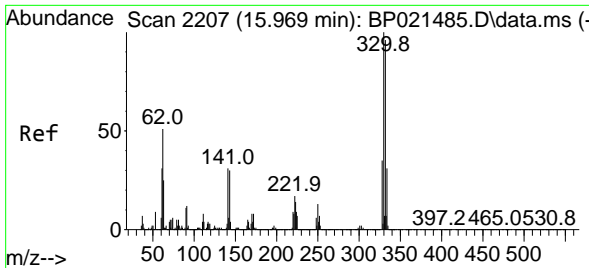


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.439 min Scan# 1947
 Delta R.T. -0.018 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion: 164 Resp: 1024171

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.5	122.3
160	45.2	35.2	52.8



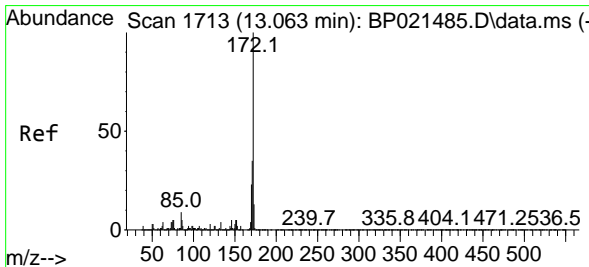
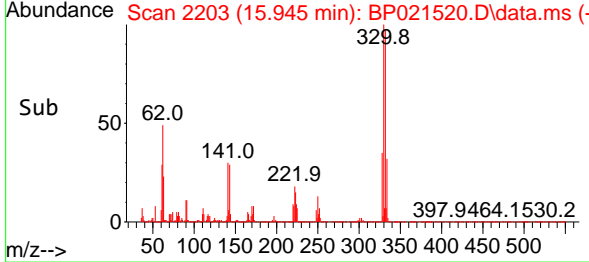
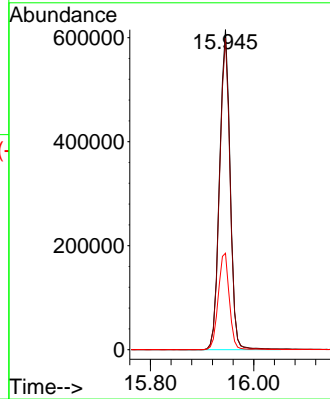
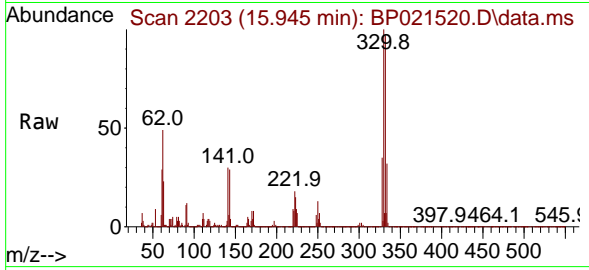


#42
 2,4,6-Tribromophenol
 Concen: 76.716 ng
 RT: 15.945 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Tgt Ion:330 Resp: 874460

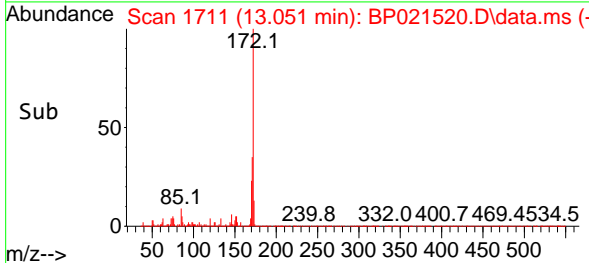
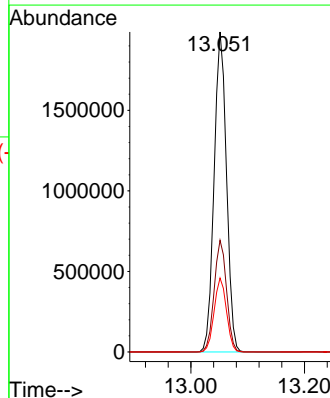
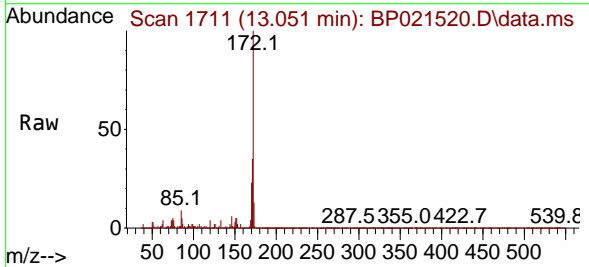
Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	31.6	24.5	36.7

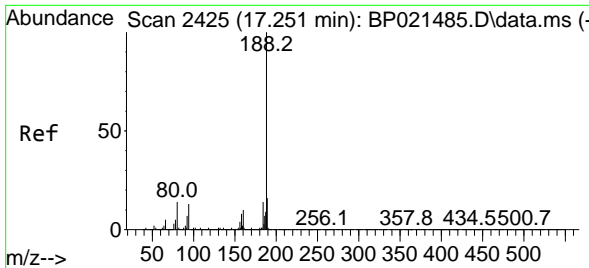


#45
 2-Fluorobiphenyl
 Concen: 44.567 ng
 RT: 13.051 min Scan# 1711
 Delta R.T. -0.012 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:172 Resp: 2990798

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.4
170	23.1	18.4	27.6



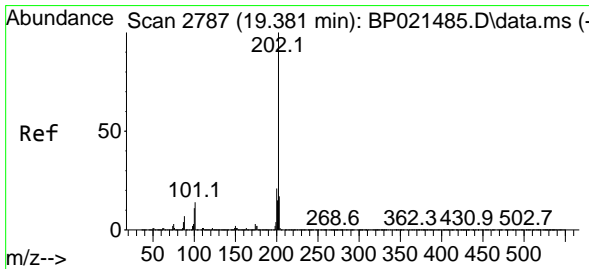
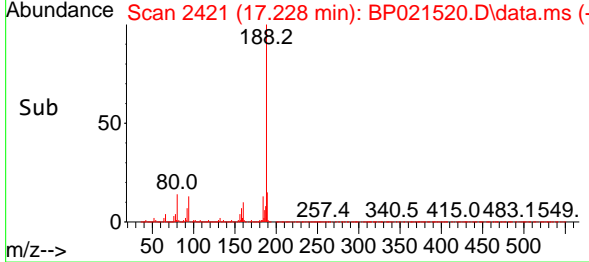
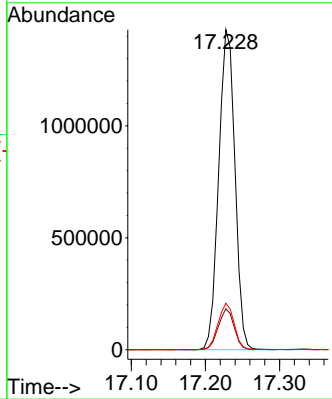
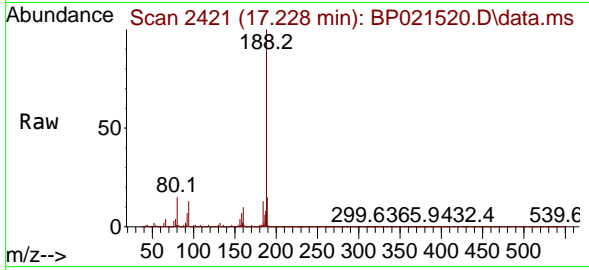


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.228 min Scan# 2421
 Delta R.T. -0.024 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument : BNA_P
 Client Sample Id : S-855-J-SO-3-3.5-081224

Tgt Ion:188 Resp: 2176009

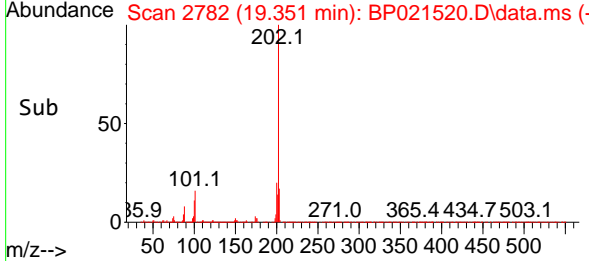
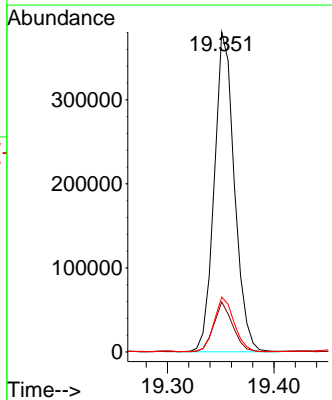
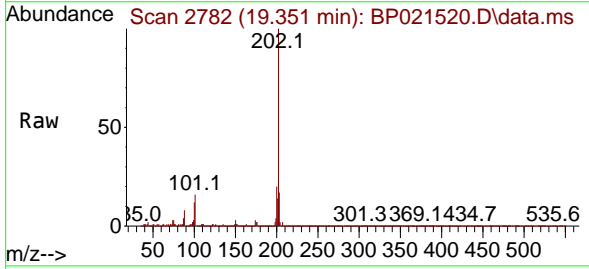
Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.2	15.4
80	14.5	11.6	17.4

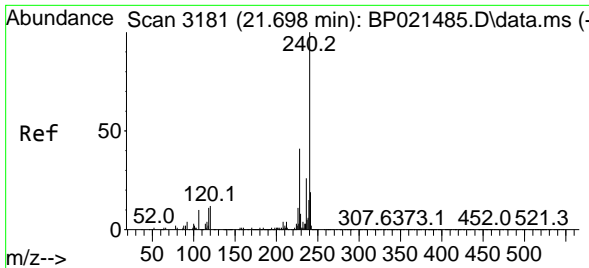


#75
 Fluoranthene
 Concen: 3.887 ng
 RT: 19.351 min Scan# 2782
 Delta R.T. -0.030 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:202 Resp: 499051

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.0
203	17.1	0.0	37.5



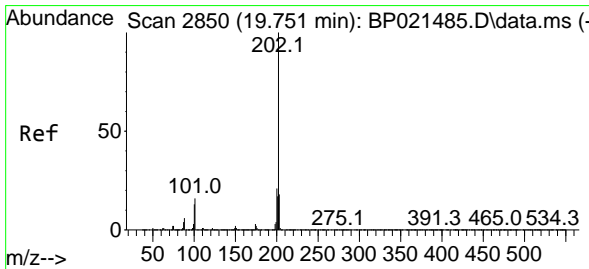
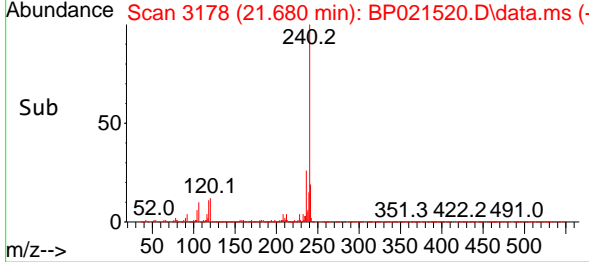
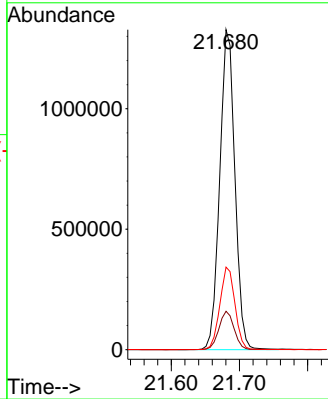
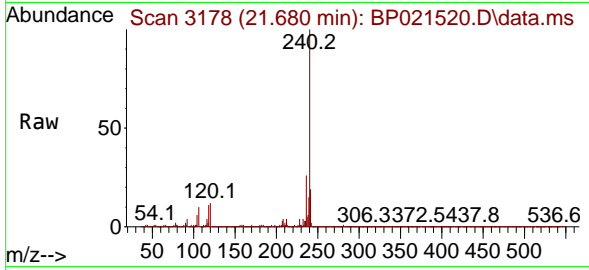


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.680 min Scan# 3181
 Delta R.T. -0.018 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument : BNA_P
 ClientSampleId : S-855-J-SO-3-3.5-081224

Tgt Ion:240 Resp: 2054960

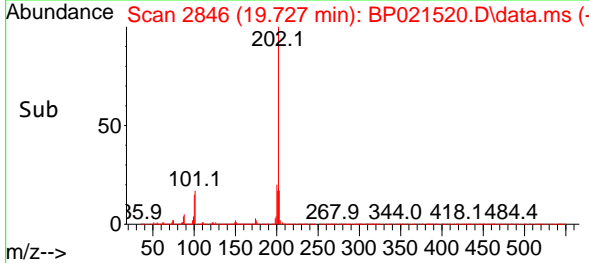
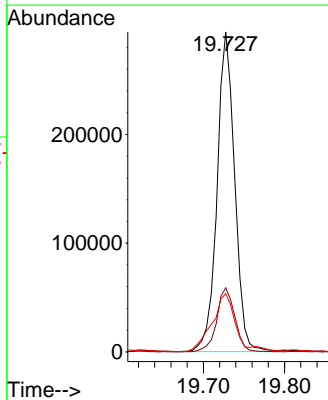
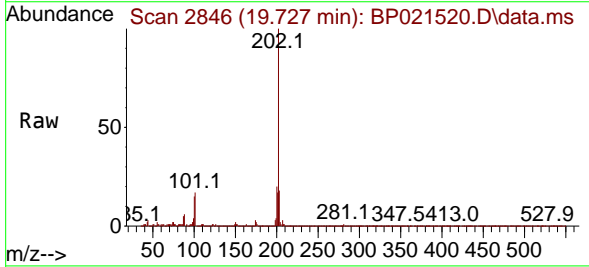
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.9	14.9
236	25.8	20.6	30.8

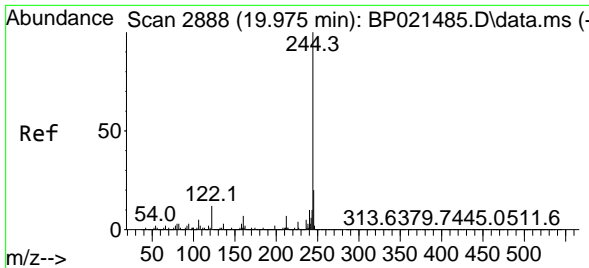


#78
 Pyrene
 Concen: 3.304 ng
 RT: 19.727 min Scan# 2846
 Delta R.T. -0.024 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:202 Resp: 443742

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.7	25.1
203	18.2	14.1	21.1



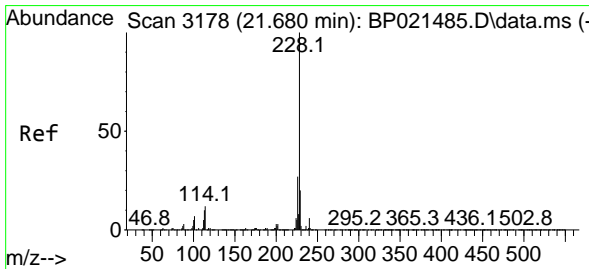
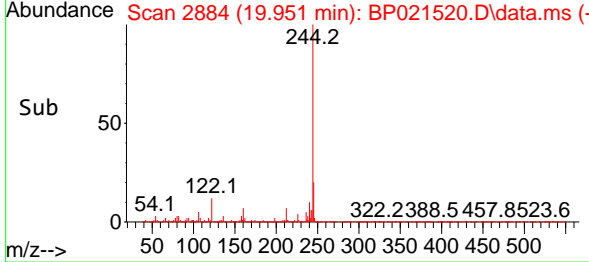
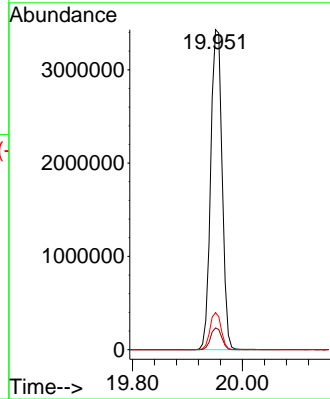
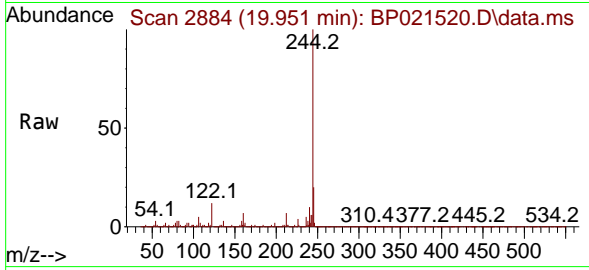


#79
 Terphenyl-d14
 Concen: 46.621 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224

Tgt Ion:244 Resp: 4931384

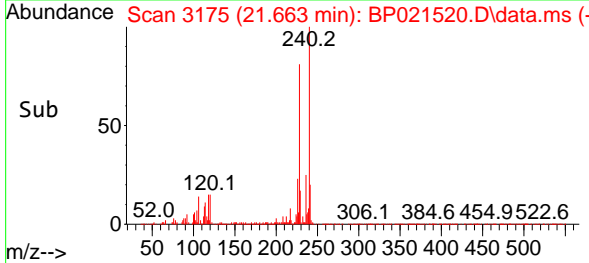
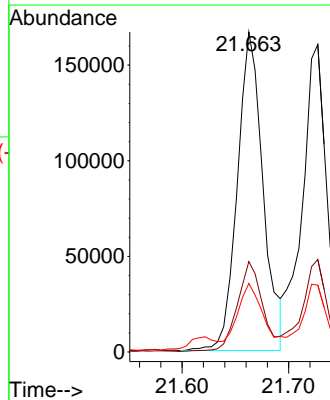
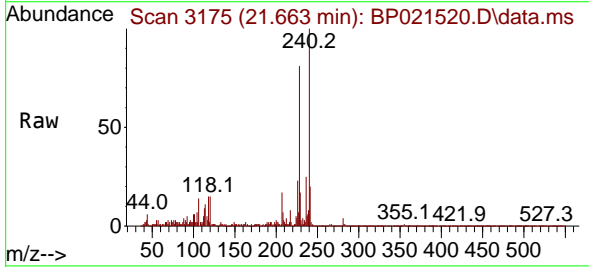
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.6	9.4	14.2

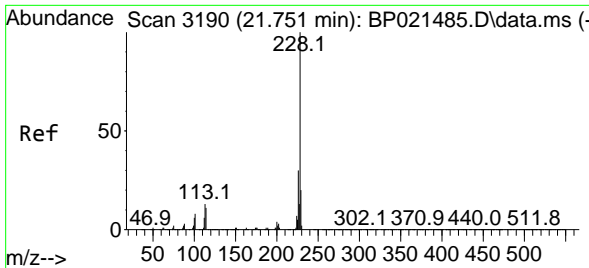


#81
 Benzo(a)anthracene
 Concen: 2.173 ng
 RT: 21.663 min Scan# 3175
 Delta R.T. -0.018 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:228 Resp: 280351

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.4	32.2
229	21.4	15.8	23.6

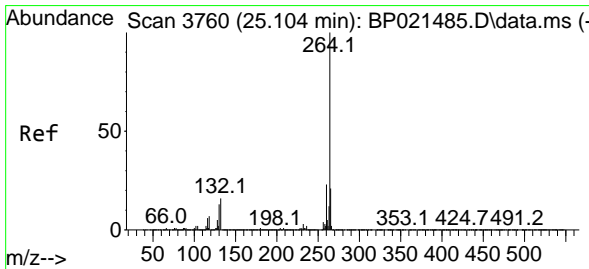
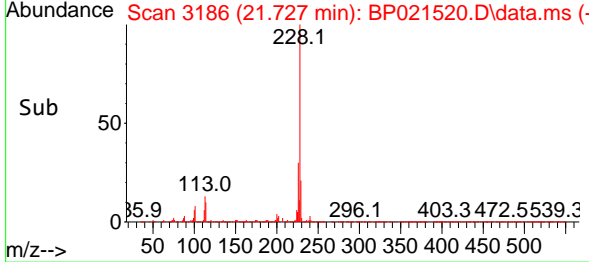
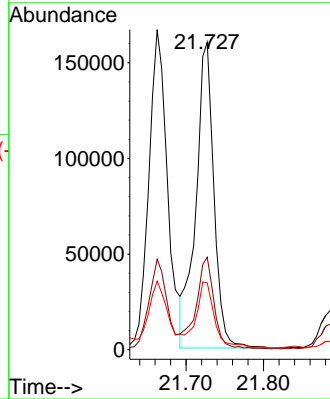
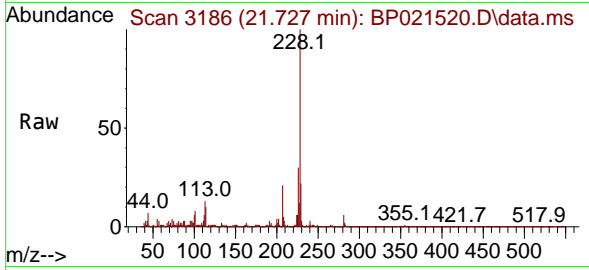




#83
 Chrysene
 Concen: 2.134 ng
 RT: 21.727 min Scan# 3186
 Delta R.T. -0.024 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

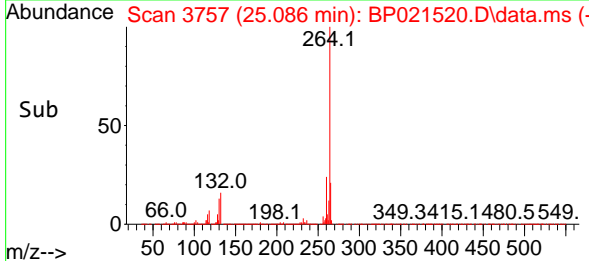
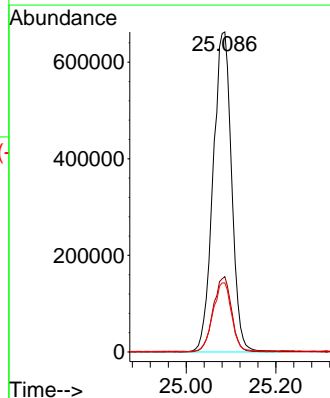
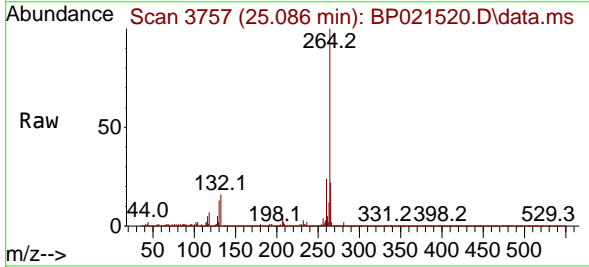
Instrument : BNA_P
 ClientSampleId : S-855-J-SO-3-3.5-081224

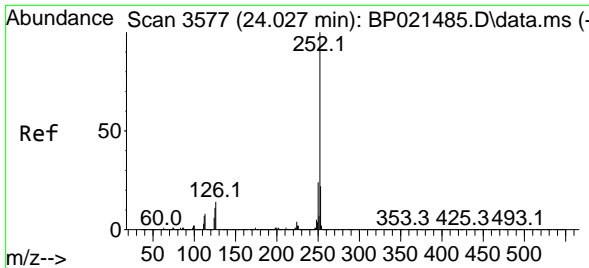
Tgt Ion	Resp	Lower	Upper
228	259860		
226	30.1	23.9	35.9
229	21.8	15.8	23.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.086 min Scan# 3757
 Delta R.T. -0.018 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

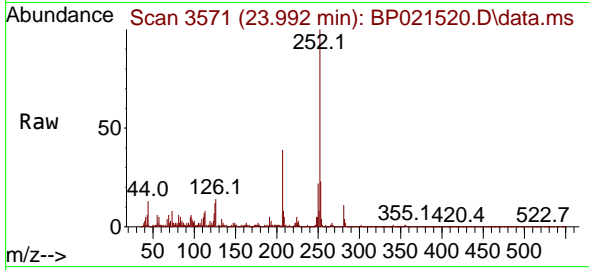
Tgt Ion	Resp	Lower	Upper
264	1899731		
260	23.6	18.6	28.0
265	21.6	17.1	25.7



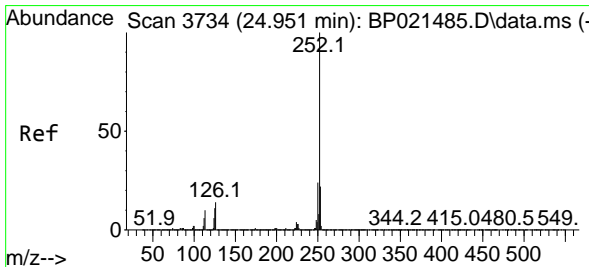
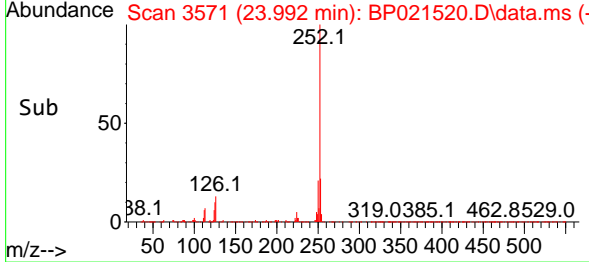
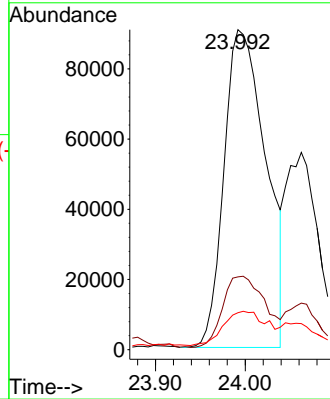


#88
 Benzo(b)fluoranthene
 Concen: 2.683 ng
 RT: 23.992 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Instrument :
 BNA_P
 ClientSampleId :
 S-855-J-SO-3-3.5-081224



Tgt Ion:252 Resp: 292716
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.6 26.4
 125 11.5 8.6 13.0



#90
 Benzo(a)pyrene
 Concen: 2.252 ng
 RT: 24.915 min Scan# 3728
 Delta R.T. -0.035 min
 Lab File: BP021520.D
 Acq: 15 Aug 2024 19:20

Tgt Ion:252 Resp: 213247
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.7 26.5
 125 11.7 8.7 13.1

