

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024722.D
 Acq On : 21 May 2025 02:08
 Operator : RC/JU
 Sample : Q2067-01DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 303-PPR-FRACDL

Quant Time: May 21 03:56:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

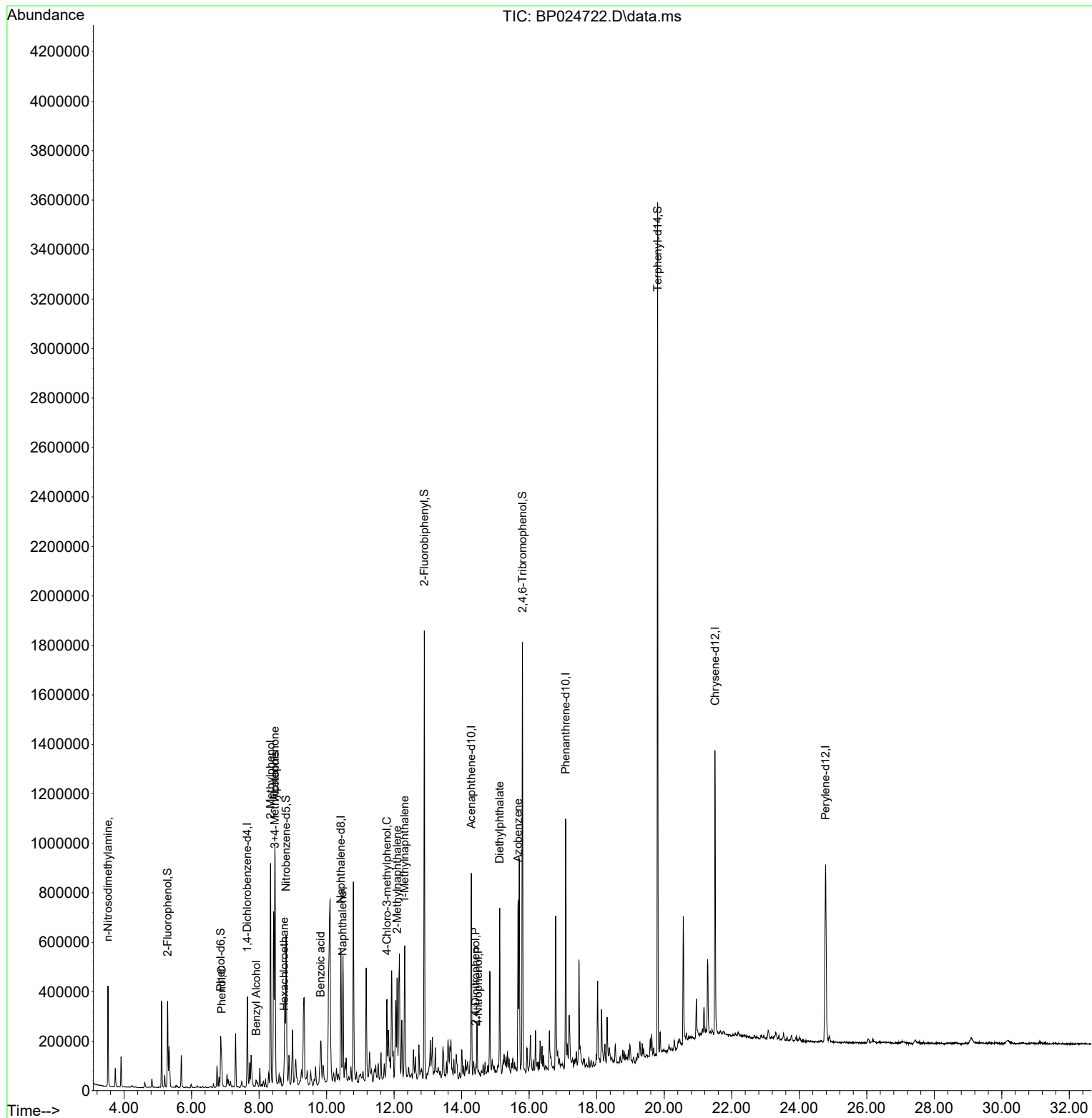
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	101140	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	435004	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	299019	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	617428	20.000	ng	-0.02
76) Chrysene-d12	21.504	240	669255	20.000	ng	-0.02
86) Perylene-d12	24.780	264	796398	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	173729	29.379	ng	0.00
7) Phenol-d6	6.864	99	131893	17.476	ng	0.01
23) Nitrobenzene-d5	8.799	82	364648	42.354	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	403099	79.519	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	859107	37.641	ng	-0.01
79) Terphenyl-d14	19.804	244	1549434	39.698	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.523	42	15903	5.851	ng	# 1
10) Phenol	6.893	94	30293	3.889	ng	90
15) Benzyl Alcohol	7.916	79	12007	2.094	ng	93
17) 2-Methylphenol	8.340	107	276991	49.579	ng	# 21
18) Hexachloroethane	8.746	117	10003	3.360	ng	# 1
20) 3+4-Methylphenols	8.463	107	15715	2.068	ng	# 1
22) Acetophenone	8.469	105	507716	46.725	ng	# 98
31) Naphthalene	10.475	128	77416	3.434	ng	98
32) Benzoic acid	9.822	122	10022	9.325	ng	# 62
36) 4-Chloro-3-methylphenol	11.787	107	75812	9.801	ng	# 21
37) 2-Methylnaphthalene	12.087	142	137077	9.391	ng	98
38) 1-Methylnaphthalene	12.310	142	125329	8.025	ng	97
54) 2,4-Dinitrophenol	14.410	184	17	6.406	ng	# 1
56) 4-Nitrophenol	14.493	139	1151	4.490	ng	91
60) Diethylphthalate	15.128	149	323871	14.060	ng	100
63) Azobenzene	15.669	77	73569	3.733	ng	# 1

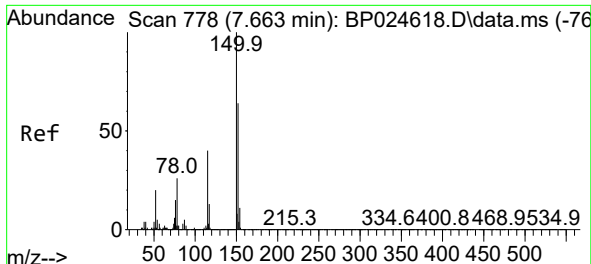
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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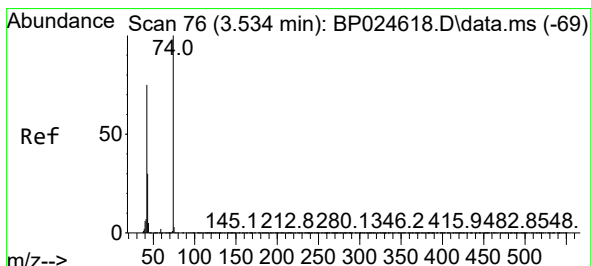
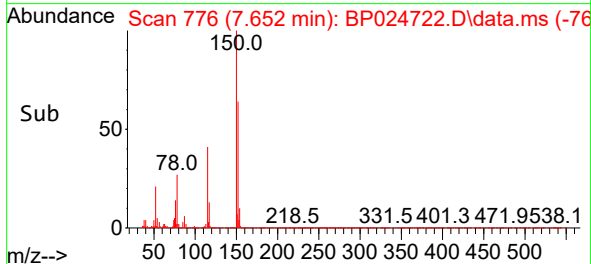
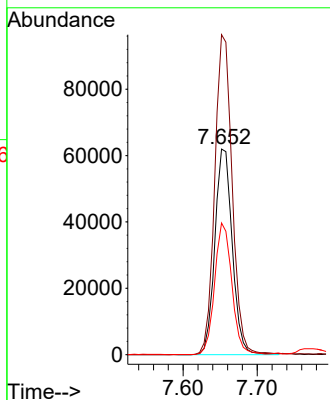
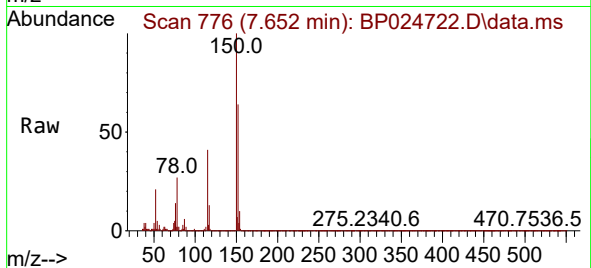




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

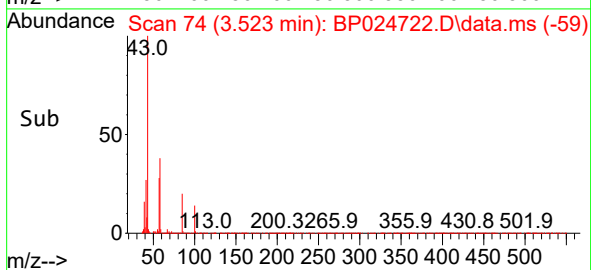
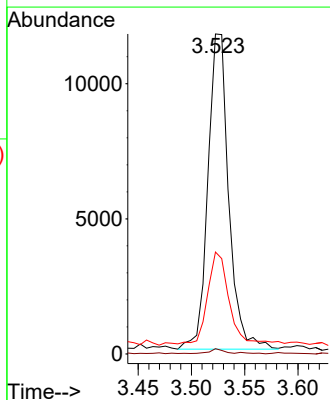
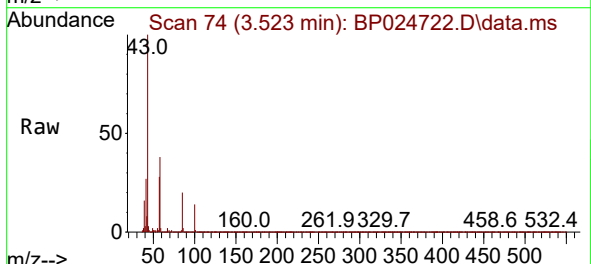
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BNA_P
ClientSampleId :
303-PPR-FRACDL

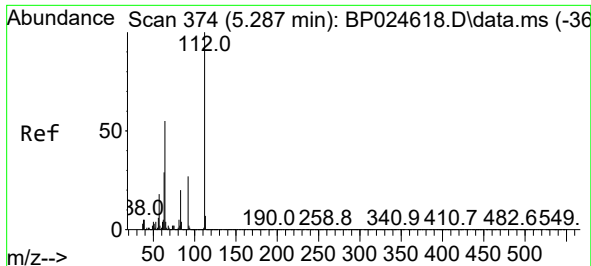
Tgt Ion:152 Resp: 101140
Ion Ratio Lower Upper
152 100
150 155.7 125.9 188.9
115 64.0 50.1 75.1



#4
n-Nitrosodimethylamine
Concen: 5.851 ng
RT: 3.523 min Scan# 74
Delta R.T. -0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion: 42 Resp: 15903
Ion Ratio Lower Upper
42 100
74 1.6 106.2 159.2#
44 31.9 5.4 8.2#

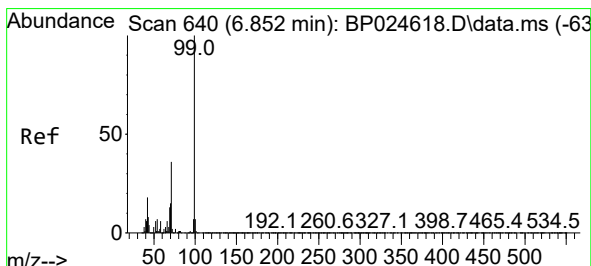
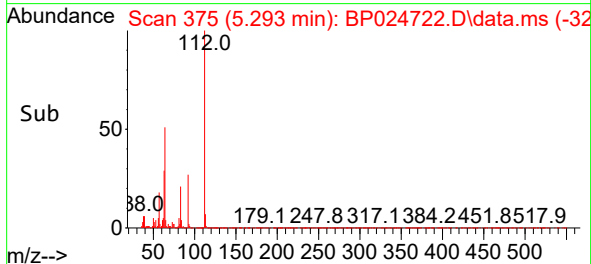
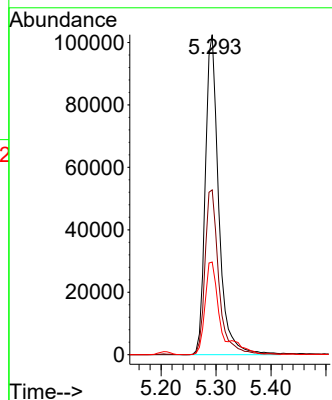
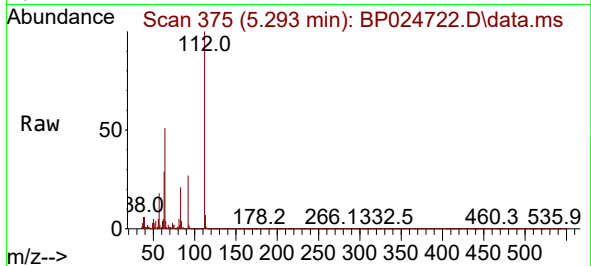




#5
2-Fluorophenol
Concen: 29.379 ng
RT: 5.293 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

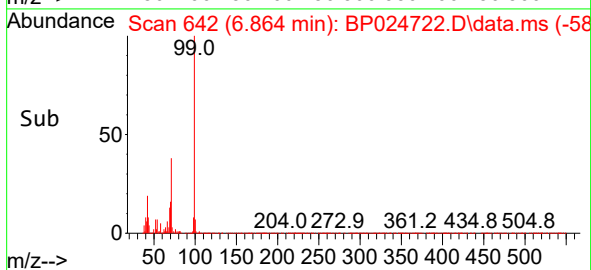
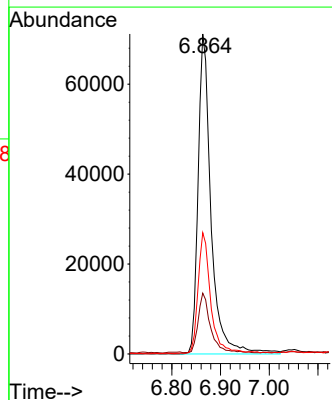
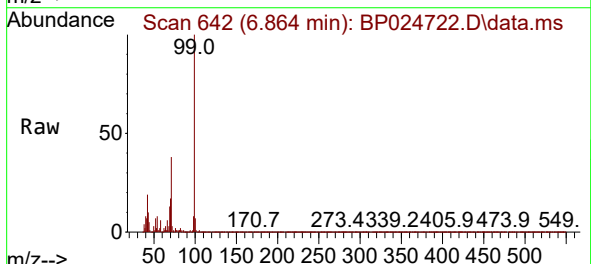
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

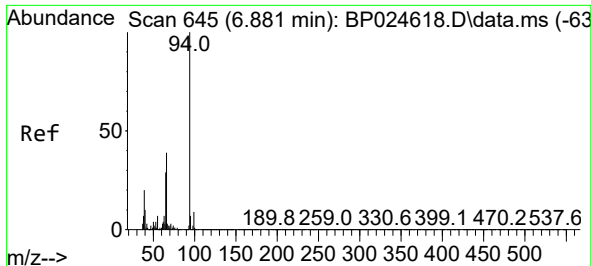
Tgt Ion:112 Resp: 173729
Ion Ratio Lower Upper
112 100
64 51.5 44.1 66.1
63 29.0 23.5 35.3



#7
Phenol-d6
Concen: 17.476 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

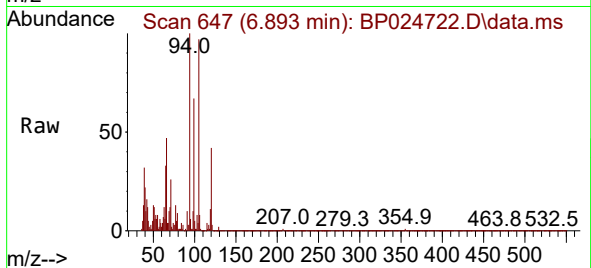
Tgt Ion: 99 Resp: 131893
Ion Ratio Lower Upper
99 100
42 19.0 14.4 21.6
71 37.9 29.2 43.8



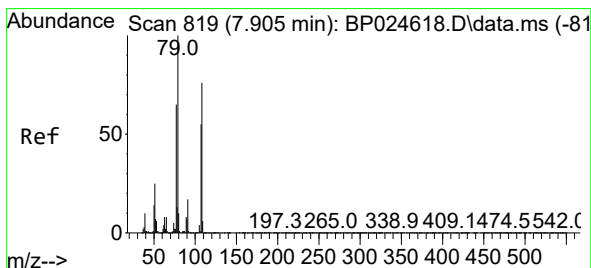
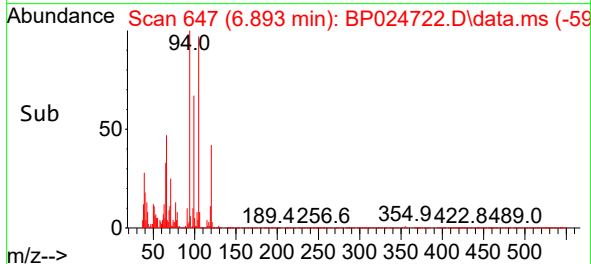
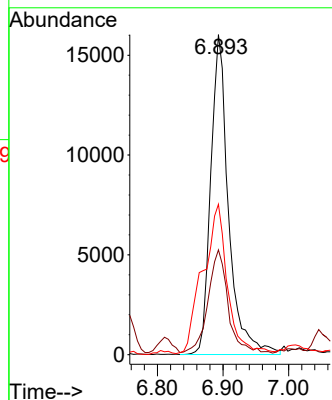


#10
Phenol
Concen: 3.889 ng
RT: 6.893 min Scan# 645
Delta R.T. 0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

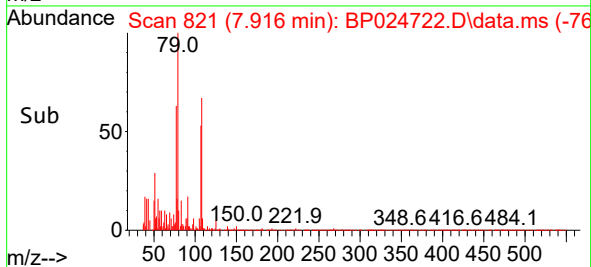
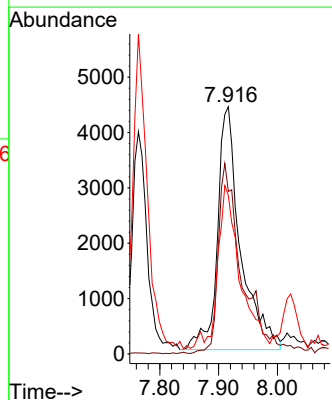
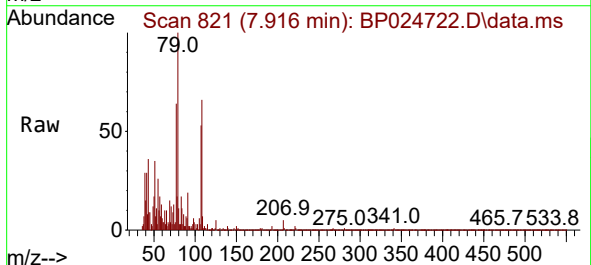


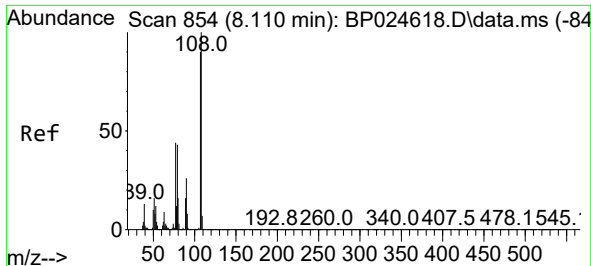
Tgt Ion: 94 Resp: 30293
Ion Ratio Lower Upper
94 100
65 32.7 8.7 48.7
66 47.0 19.4 59.4



#15
Benzyl Alcohol
Concen: 2.094 ng
RT: 7.916 min Scan# 821
Delta R.T. 0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion: 79 Resp: 12007
Ion Ratio Lower Upper
79 100
108 65.8 60.8 91.2
77 64.1 51.9 77.9

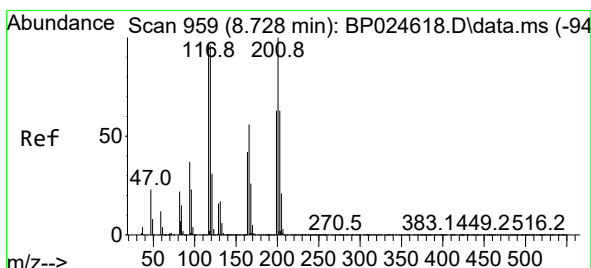
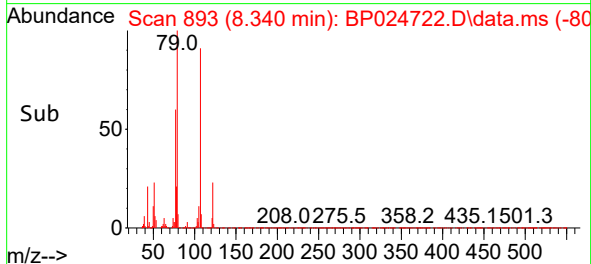
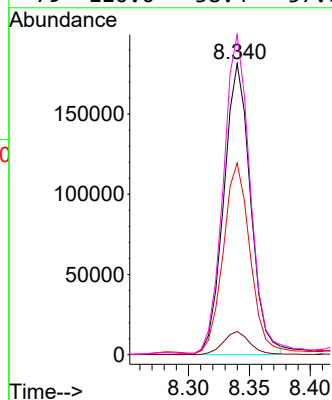
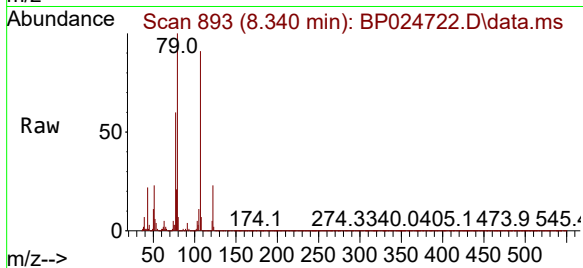




#17
2-Methylphenol
Concen: 49.579 ng
RT: 8.340 min Scan# 893
Delta R.T. 0.230 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

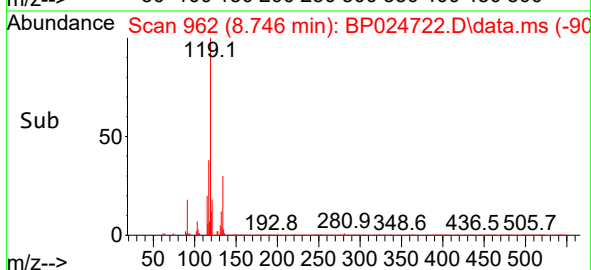
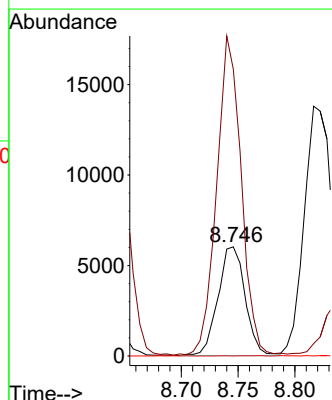
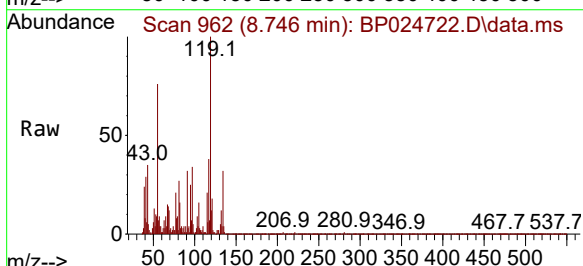
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

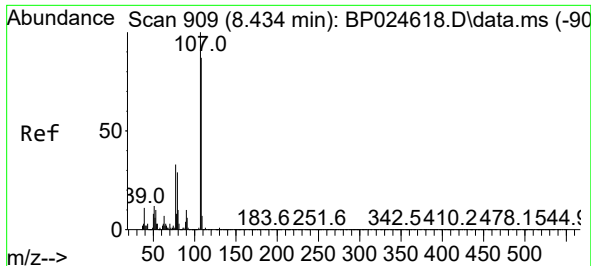
Tgt Ion:107 Resp: 276991
Ion Ratio Lower Upper
107 100
108 8.0 88.9 133.3#
77 65.9 39.0 58.6#
79 110.0 38.4 57.6#



#18
Hexachloroethane
Concen: 3.360 ng
RT: 8.746 min Scan# 962
Delta R.T. 0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:117 Resp: 10003
Ion Ratio Lower Upper
117 100
119 262.9 79.4 119.0#
201 0.0 82.7 124.1#

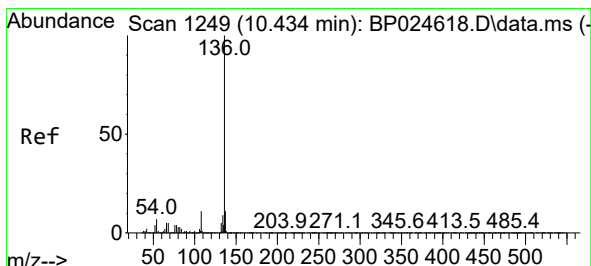
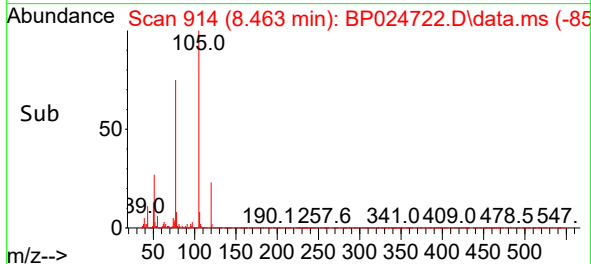
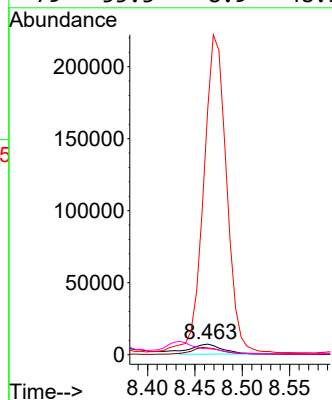
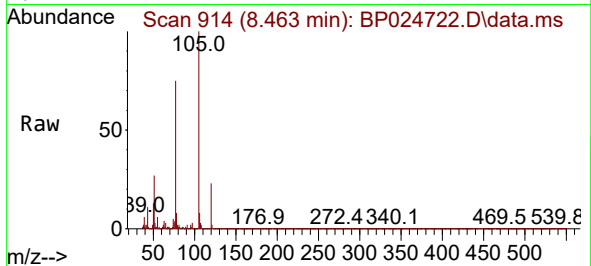




#20
3+4-Methylphenols
Concen: 2.068 ng
RT: 8.463 min Scan# 914
Delta R.T. 0.030 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

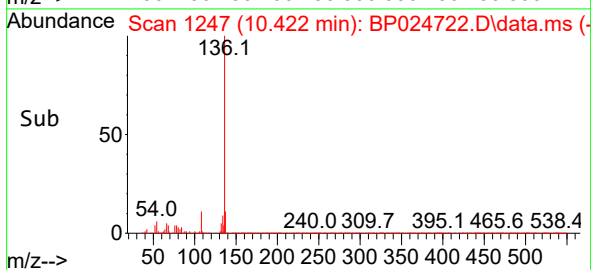
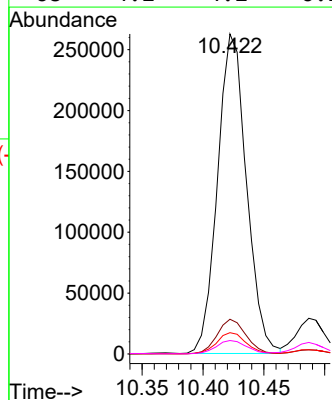
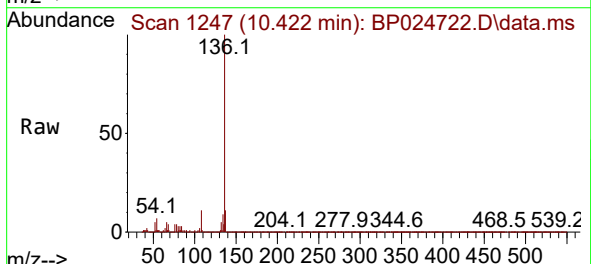
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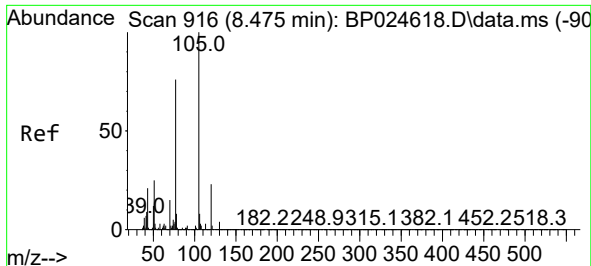
Tgt Ion:107 Resp: 15715
Ion Ratio Lower Upper
107 100
108 63.9 66.7 106.7#
77 2310.5 13.1 53.1#
79 55.3 8.9 48.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:136 Resp: 435004
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 5.5 8.3
68 4.2 4.2 6.2

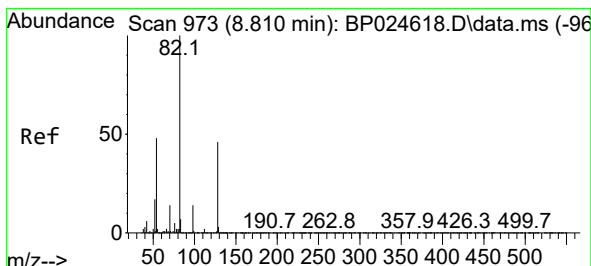
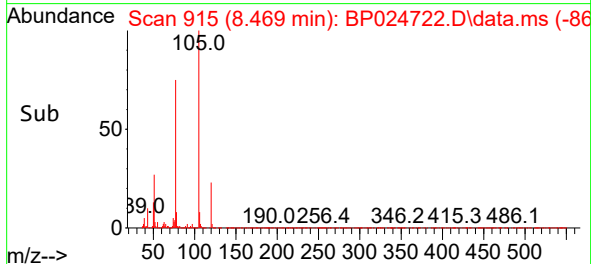
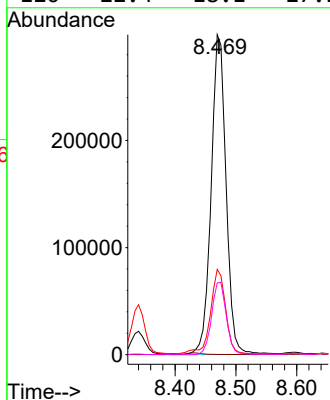
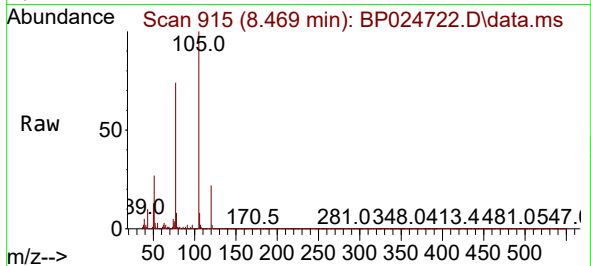




#22
Acetophenone
Concen: 46.725 ng
RT: 8.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

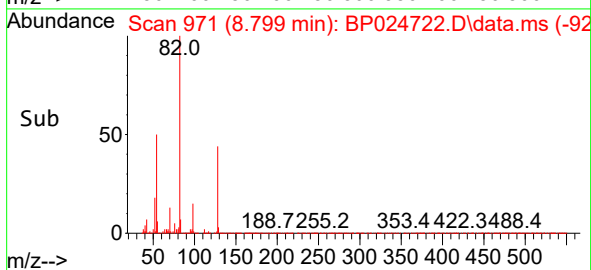
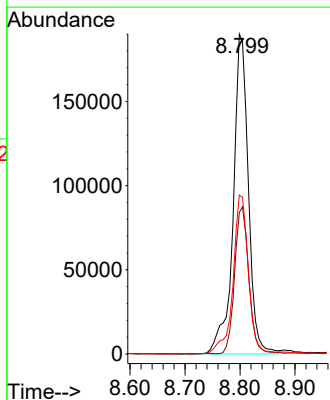
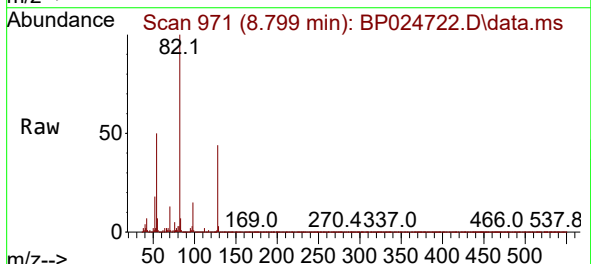
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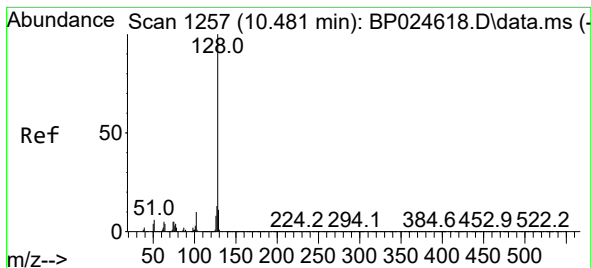
Tgt Ion:105 Resp: 507716
Ion Ratio Lower Upper
105 100
71 0.1 2.0 3.0#
51 26.6 20.4 30.6
120 22.4 18.1 27.1



#23
Nitrobenzene-d5
Concen: 42.354 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion: 82 Resp: 364648
Ion Ratio Lower Upper
82 100
128 44.2 37.0 55.4
54 49.6 38.7 58.1

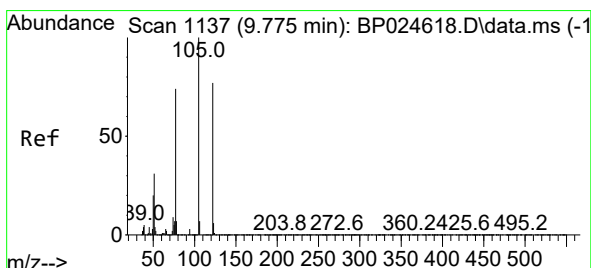
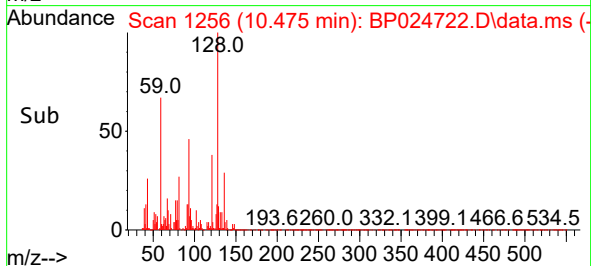
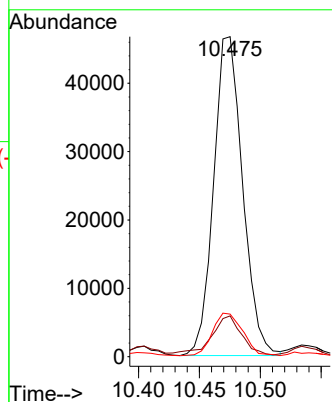
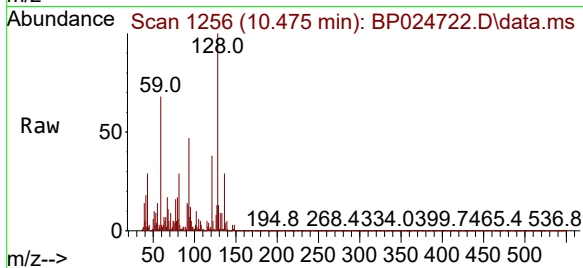




#31
Naphthalene
Concen: 3.434 ng
RT: 10.475 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

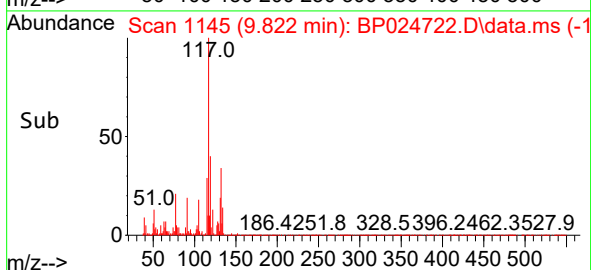
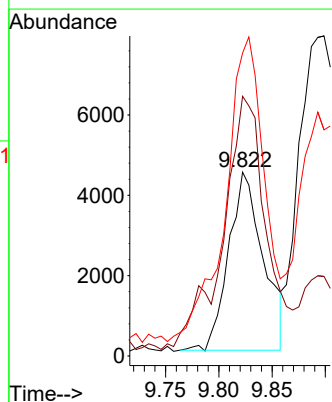
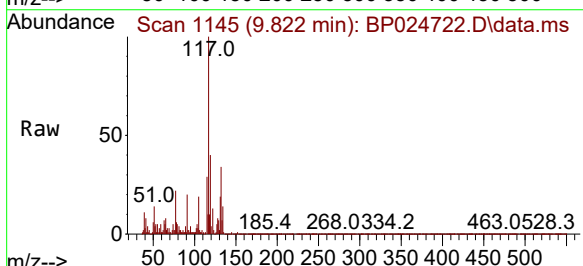
Instrument :
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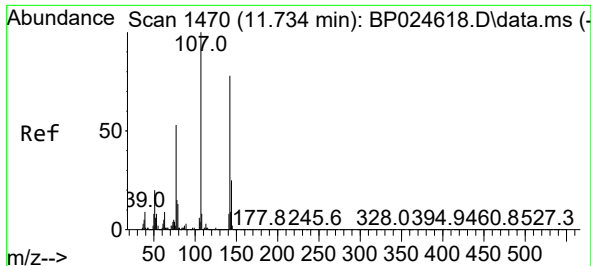
Tgt Ion:128 Resp: 77416
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 9.325 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.047 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:122 Resp: 10022
Ion Ratio Lower Upper
122 100
105 141.2 106.9 146.9
77 164.8 75.1 115.1#

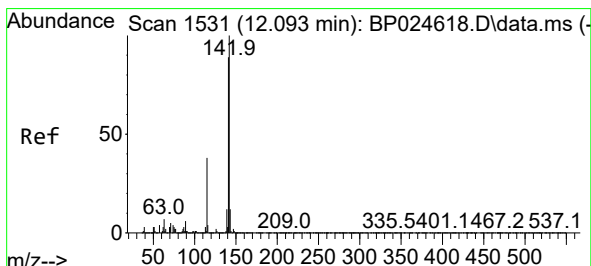
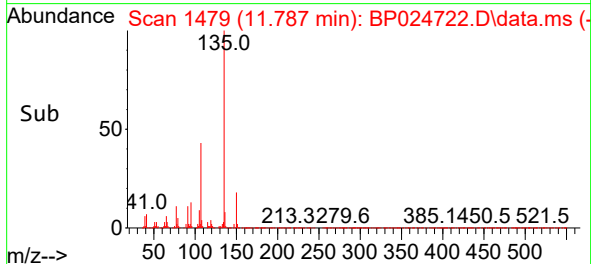
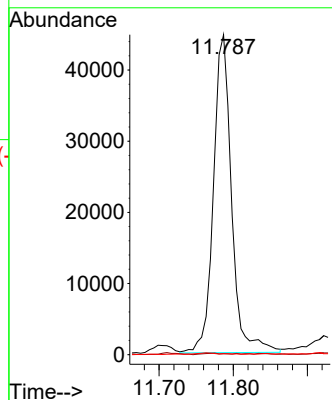
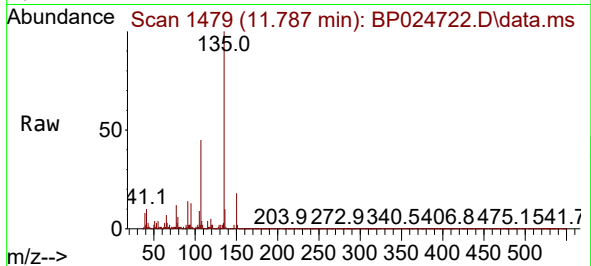




#36
4-Chloro-3-methylphenol
Concen: 9.801 ng
RT: 11.787 min Scan# 1470
Delta R.T. 0.053 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

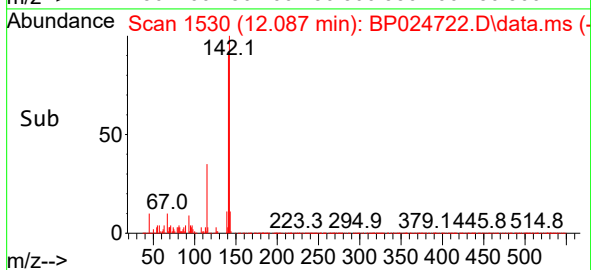
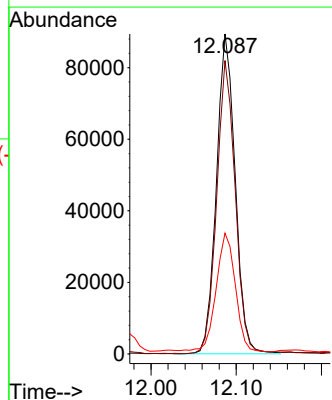
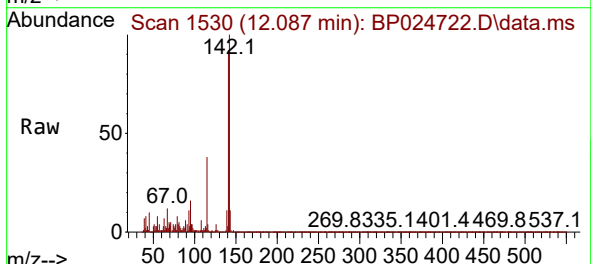
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

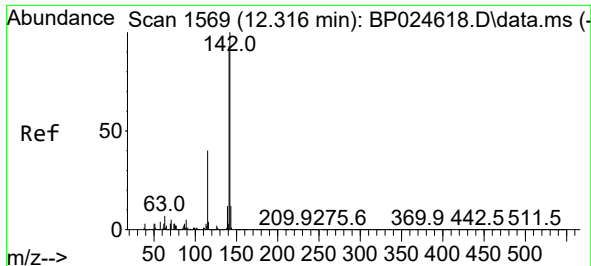
Tgt Ion:107 Resp: 75812
Ion Ratio Lower Upper
107 100
144 0.3 20.1 30.1#
142 0.3 62.1 93.1#



#37
2-Methylnaphthalene
Concen: 9.391 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:142 Resp: 137077
Ion Ratio Lower Upper
142 100
141 91.7 71.2 106.8
115 37.8 30.6 46.0

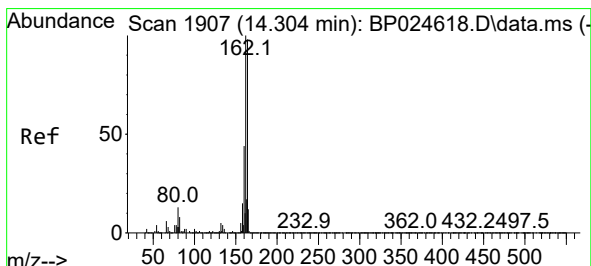
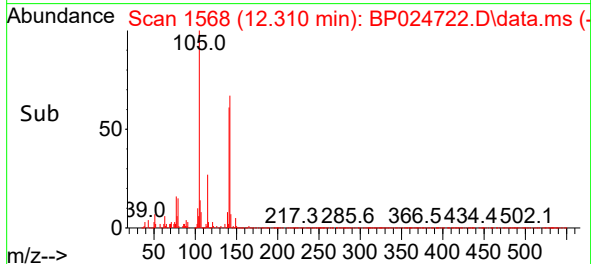
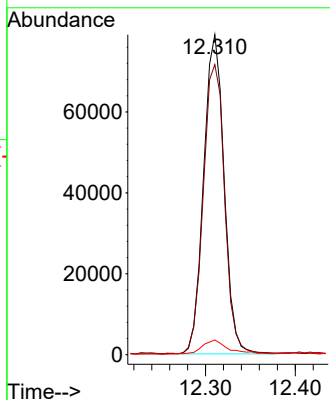
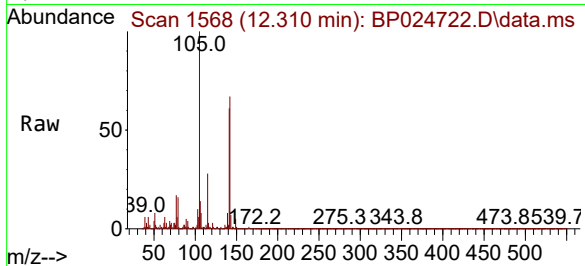




#38
1-Methylnaphthalene
Concen: 8.025 ng
RT: 12.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

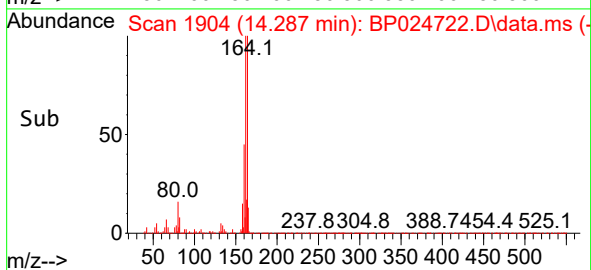
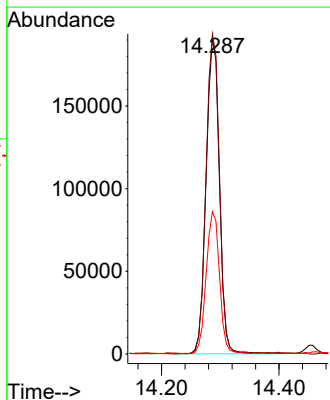
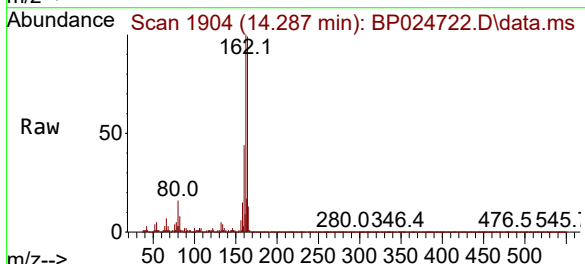
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

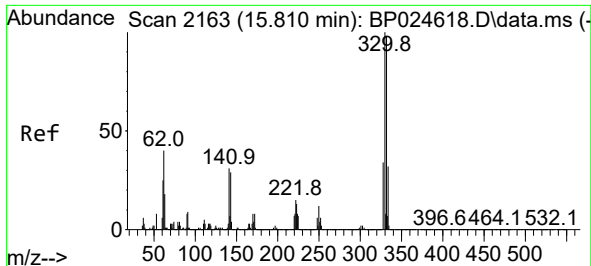
Tgt Ion:142 Resp: 125329
Ion Ratio Lower Upper
142 100
141 90.6 74.7 112.1
116 4.6 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

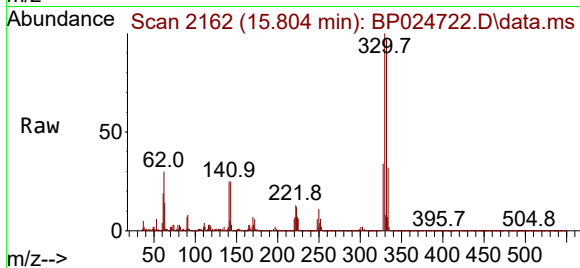
Tgt Ion:164 Resp: 299019
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.1 36.3 54.5



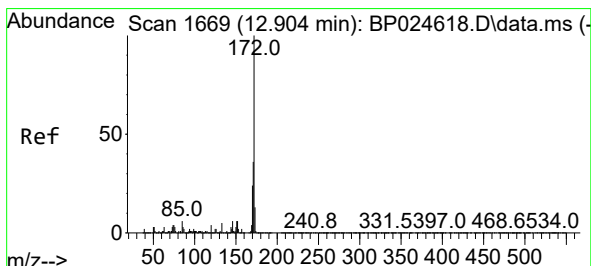
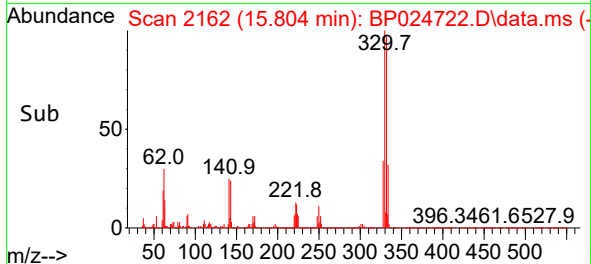
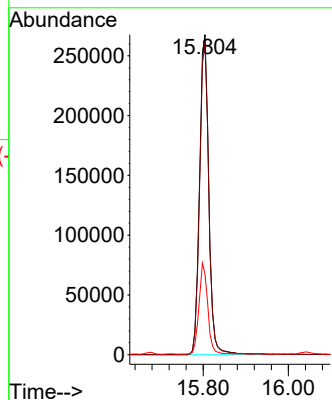


#42
2,4,6-Tribromophenol
Concen: 79.519 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

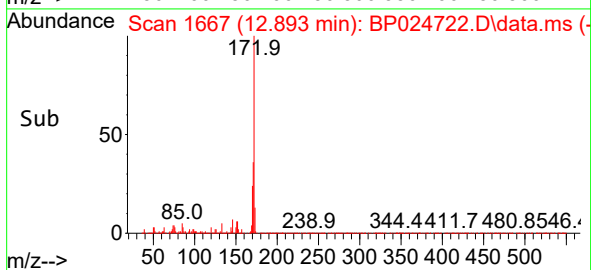
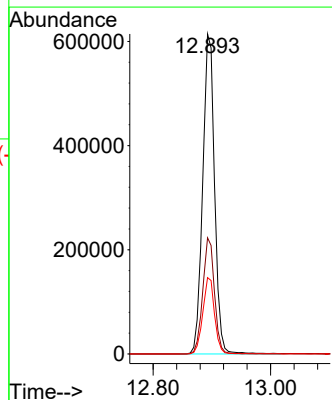
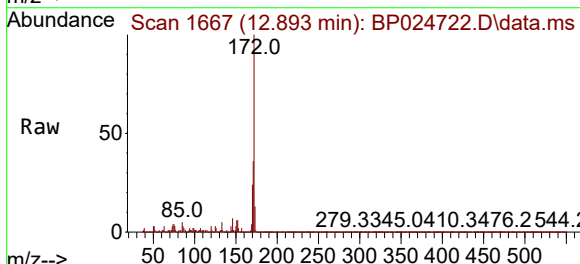


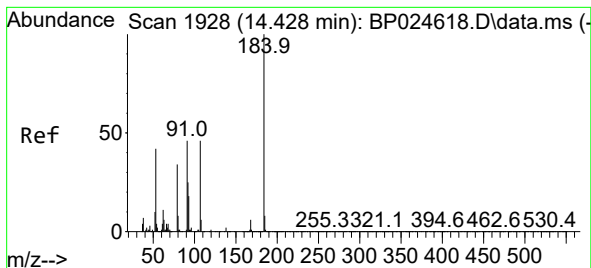
Tgt Ion:330 Resp: 403099
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 26.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 37.641 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:172 Resp: 859107
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.8 18.8 28.2

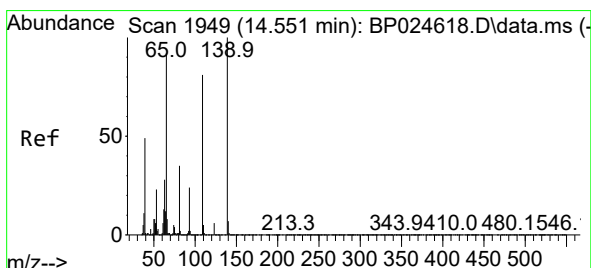
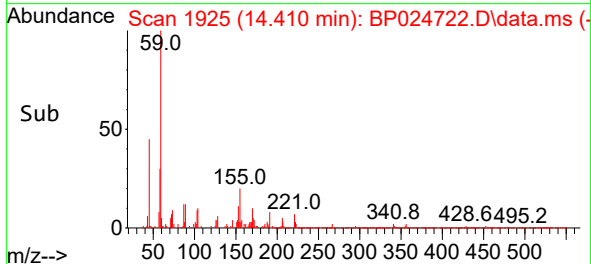
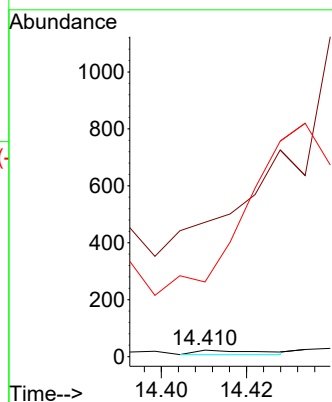
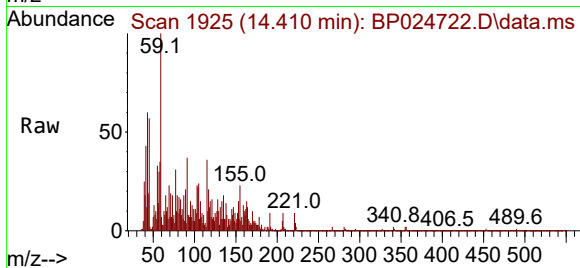




#54
2,4-Dinitrophenol
Concen: 6.406 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

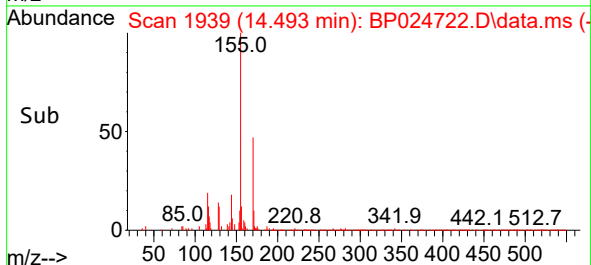
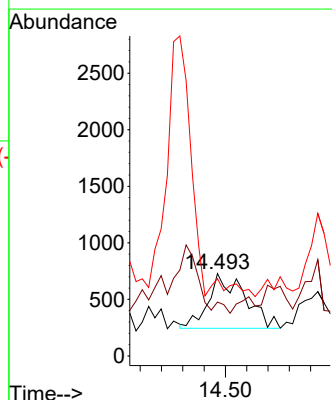
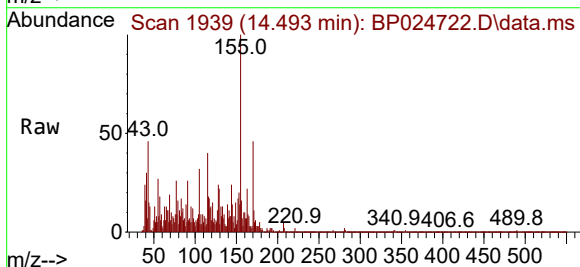
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

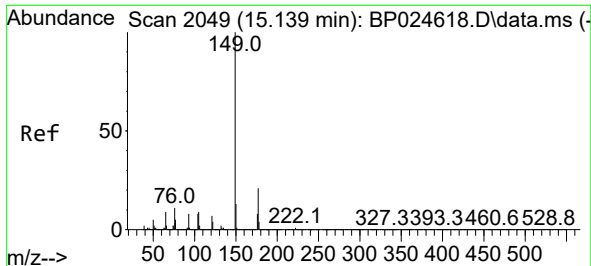
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 2052.2 51.3 76.9#
154 1139.1 53.5 80.3#



#56
4-Nitrophenol
Concen: 4.490 ng
RT: 14.493 min Scan# 1939
Delta R.T. -0.058 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:139 Resp: 1151
Ion Ratio Lower Upper
139 100
109 65.5 61.4 101.4
65 93.8 72.2 112.2

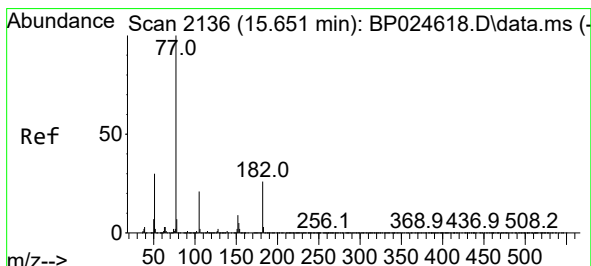
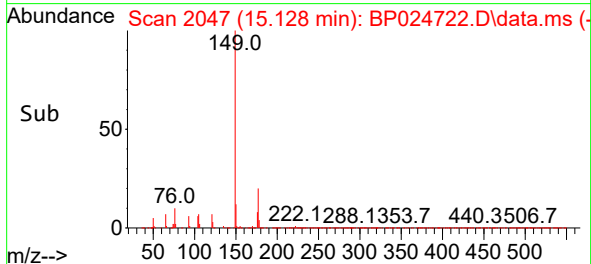
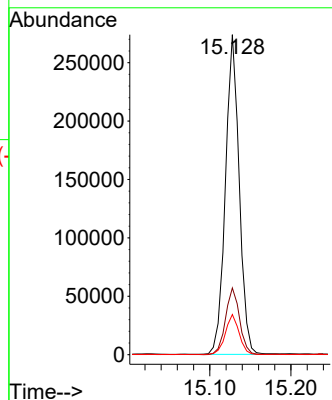
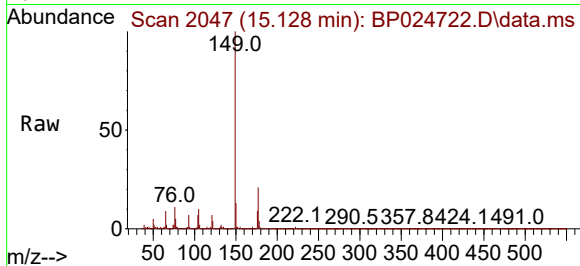




#60
Diethylphthalate
Concen: 14.060 ng
RT: 15.128 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

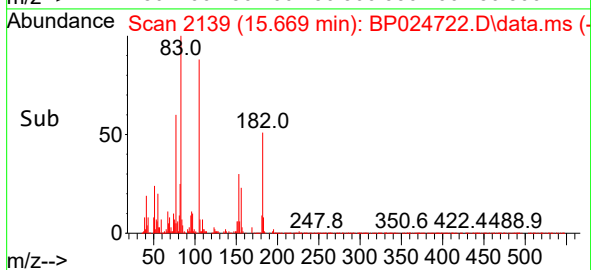
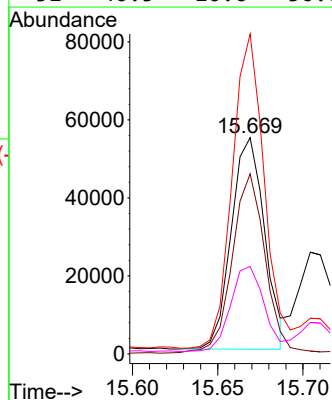
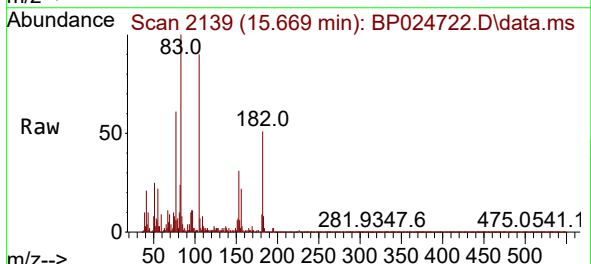
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

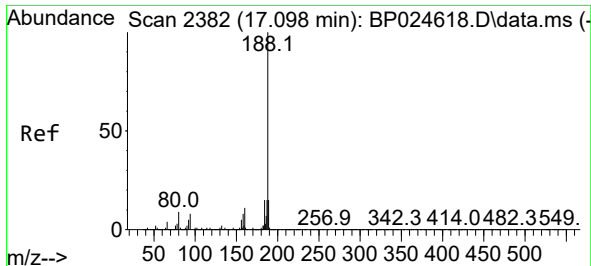
Tgt Ion:149 Resp: 323871
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.5 10.2 15.2



#63
Azobenzene
Concen: 3.733 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion: 77 Resp: 73569
Ion Ratio Lower Upper
77 100
182 83.2 5.7 45.7#
105 147.9 1.3 41.3#
51 40.5 10.6 50.6

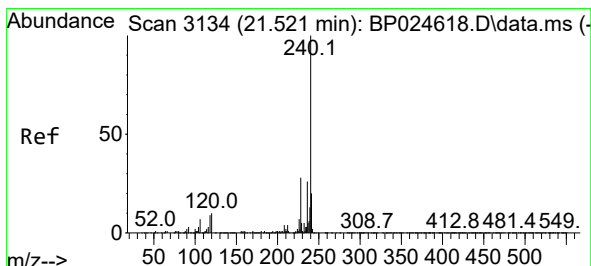
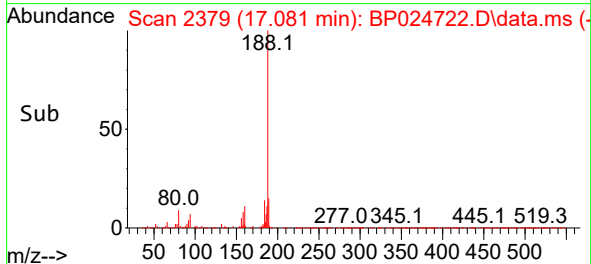
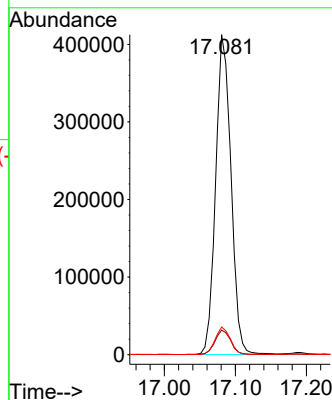
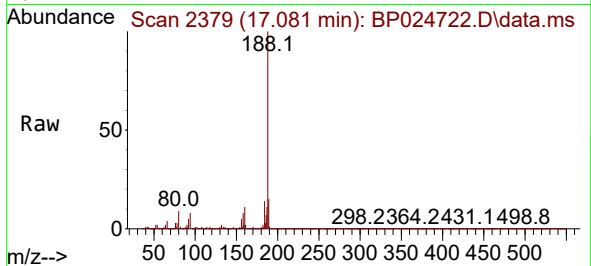




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

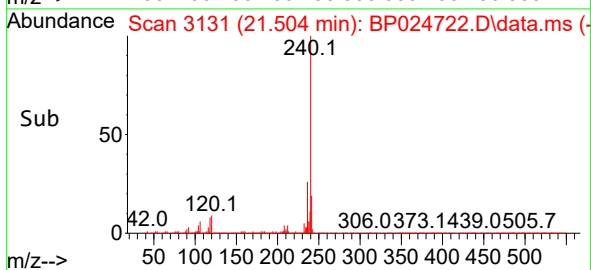
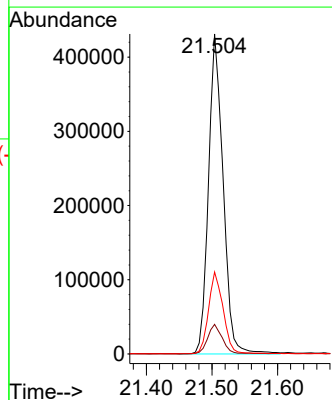
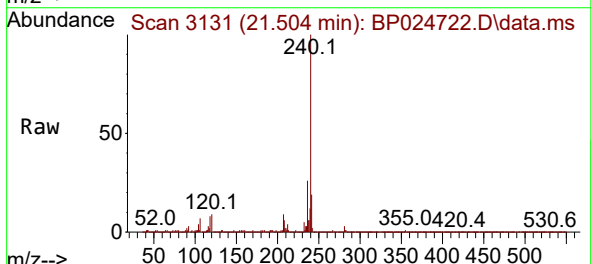
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

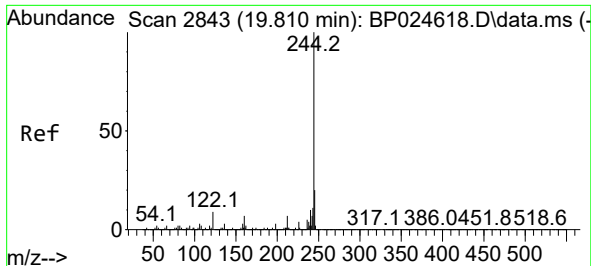
Tgt Ion:188 Resp: 617428
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:240 Resp: 669255
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.6 20.6 31.0

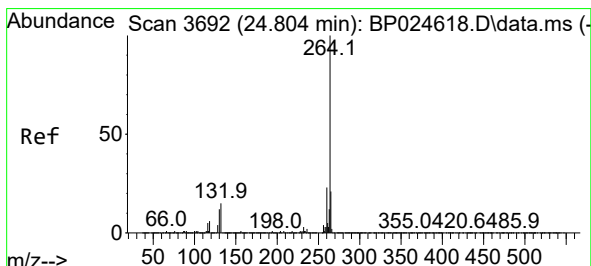
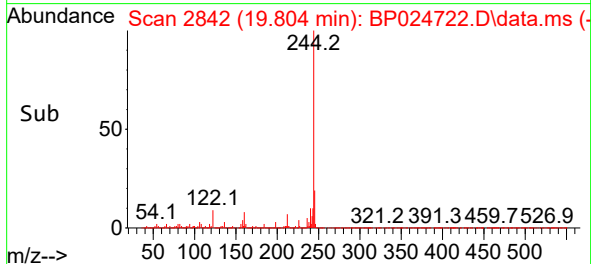
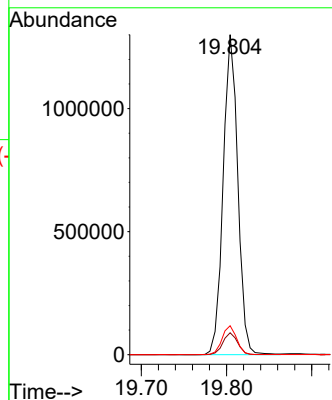
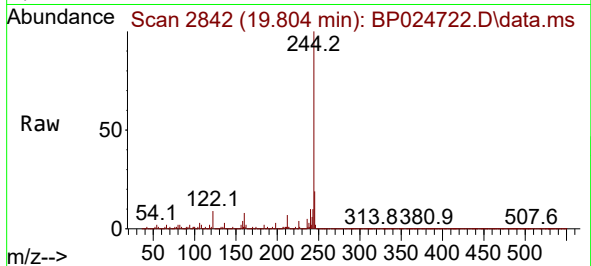




#79
Terphenyl-d14
Concen: 39.698 ng
RT: 19.804 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Instrument :
BNA_P
ClientSampleId :
303-PPR-FRACDL

Tgt Ion:244 Resp: 1549434
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.1 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 3688
Delta R.T. -0.023 min
Lab File: BP024722.D
Acq: 21 May 2025 02:08

Tgt Ion:264 Resp: 796398
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.5 17.0 25.6

