

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047814.D
 Acq On : 03 Oct 2024 18:39
 Operator : RC/JU
 Sample : P4020-13DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK9DL

Quant Time: Oct 03 23:08:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

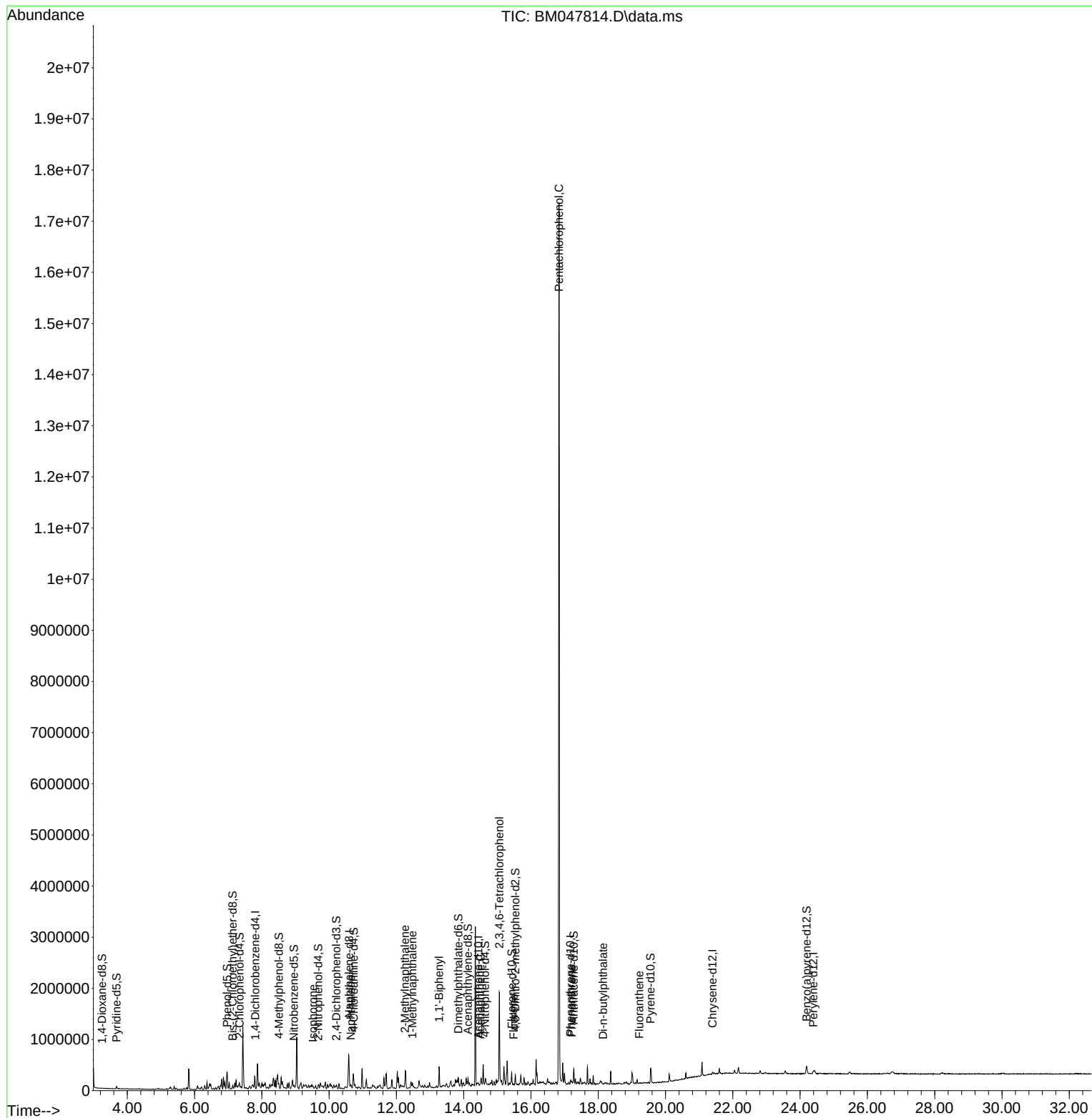
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	5018	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	16252	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.439	164	11077	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.174	188	22228	20.000	ng/ul	-0.01
79) Chrysene-d12	21.397	240	22267	20.000	ng/ul	#-0.01
88) Perylene-d12	24.391	264	23779	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	3651	23.513	ng/uL	0.00
4) Pyridine-d5	3.681	84	28883	63.527	ng/ul	0.00
7) Phenol-d5	6.969	99	33614	70.841	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	25002	74.254	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.334	132	29444	85.289	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	25191	71.405	ng/ul	-0.01
21) Nitrobenzene-d5	8.951	128	12562	97.079	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.675	143	11727	94.570	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	24220	97.774	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.727	131	29059	75.879	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	95206	118.550	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	103989	109.210	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.633	143	3057	19.119	ng/ul	0.00
60) Fluorene-d10	15.427	176	82379	118.426	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	7387	56.790	ng/ul	-0.01
73) Anthracene-d10	17.274	188	127984	117.097	ng/ul	-0.01
81) Pyrene-d10	19.556	212	154430	122.199	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.191	264	142233	115.284	ng/ul	-0.02
Target Compounds						
					Qvalue	
23) Isophorone	9.522	82	8534	12.978	ng/ul#	54
30) Naphthalene	10.645	128	37819	40.456	ng/ul#	94
36) 2-Methylnaphthalene	12.257	142	61637	103.770	ng/ul	96
37) 1-Methylnaphthalene	12.474	142	38692	64.026	ng/ul	91
43) 1,1'-Biphenyl	13.268	154	6837	7.709	ng/ul#	81
52) Acenaphthene	14.498	153	3299	4.346	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.062	232	344808	1917.352	ng/ul	95
61) Fluorene	15.486	166	5671	6.652	ng/ul#	94
71) Pentachlorophenol	16.833	266	3296124	19440.647	ng/ul	99
72) Phenanthrene	17.215	178	27084	20.778	ng/ul	97
78) Di-n-butylphthalate	18.145	149	3121	2.326	ng/ul#	85
80) Fluoranthene	19.221	202	2160	1.451	ng/ul#	67

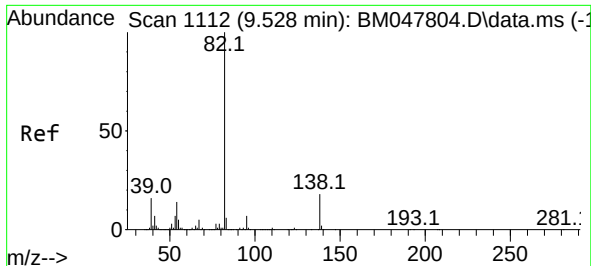
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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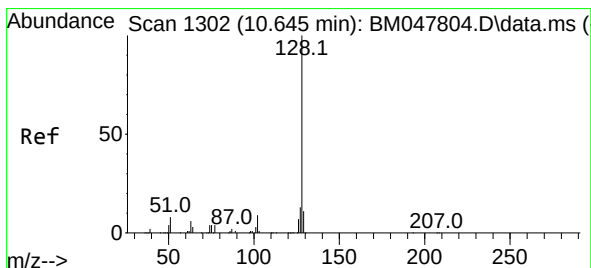
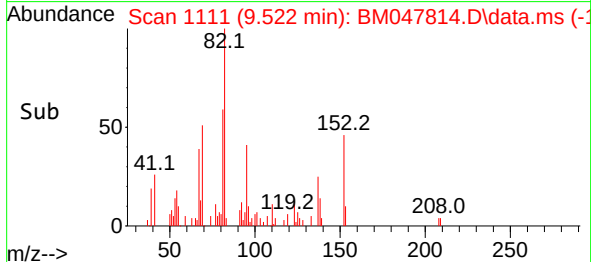
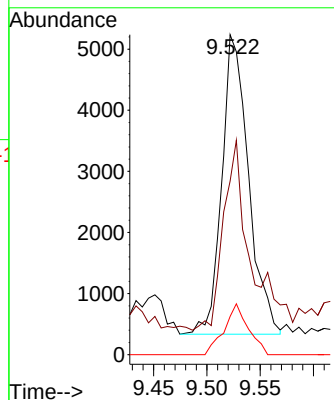
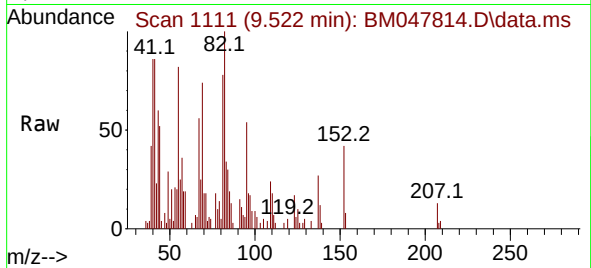




#23
Isophorone
Concen: 12.978 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. -0.018 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

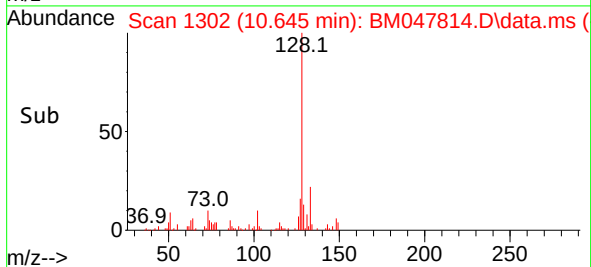
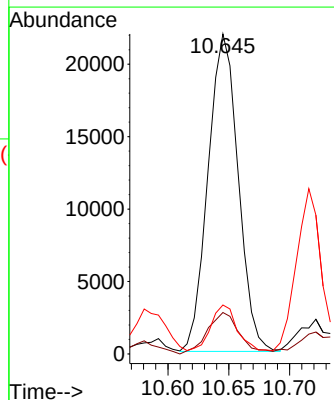
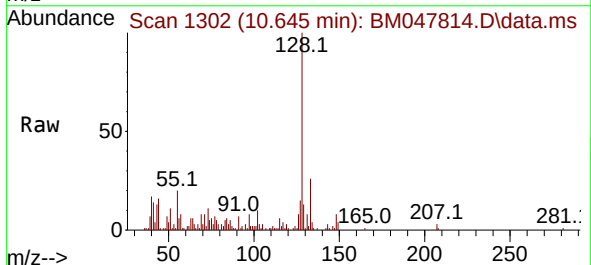
Instrument :
BNA_M
ClientSampleId :
DDCK9DL

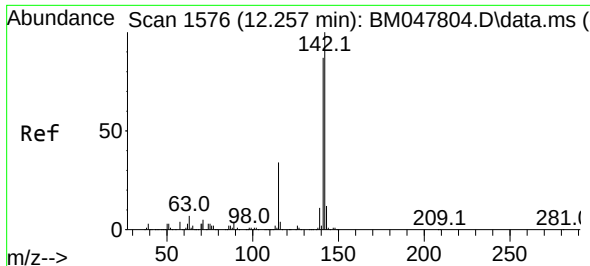
Tgt Ion: 82 Resp: 8534
Ion Ratio Lower Upper
82 100
95 54.2 4.9 7.3#
138 12.0 12.0 18.0#



#30
Naphthalene
Concen: 40.456 ng/ul
RT: 10.645 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

Tgt Ion:128 Resp: 37819
Ion Ratio Lower Upper
128 100
129 13.0 8.6 12.8#
127 15.3 10.4 15.6

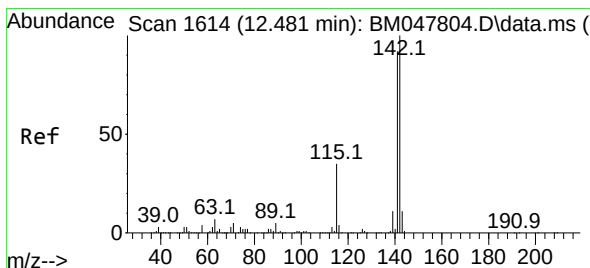
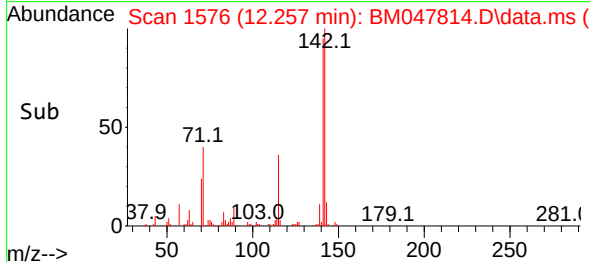
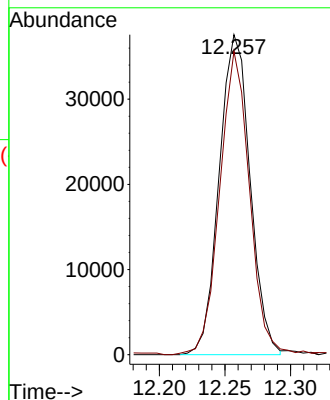
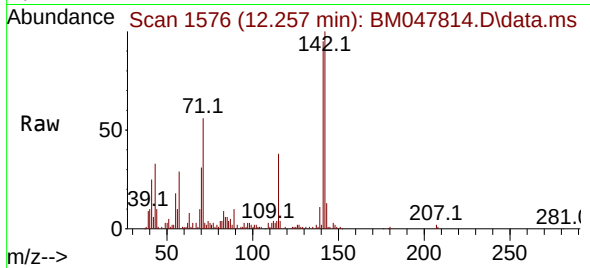




#36
2-Methylnaphthalene
Concen: 103.770 ng/ul
RT: 12.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

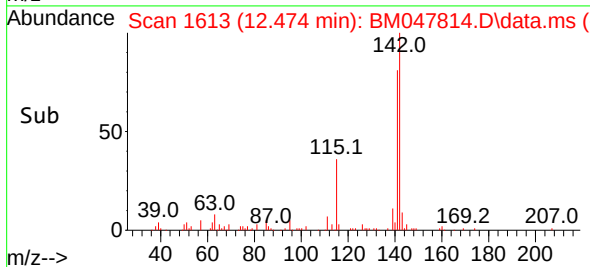
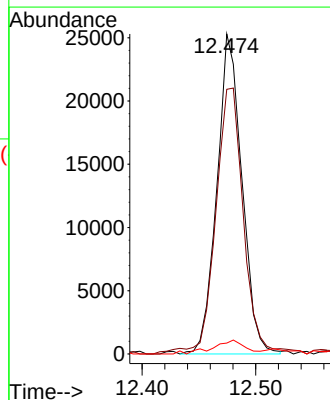
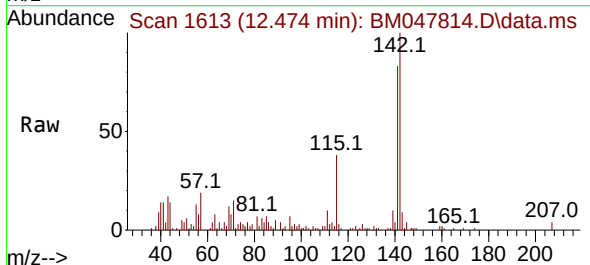
Instrument :
BNA_M
ClientSampleId :
DDCK9DL

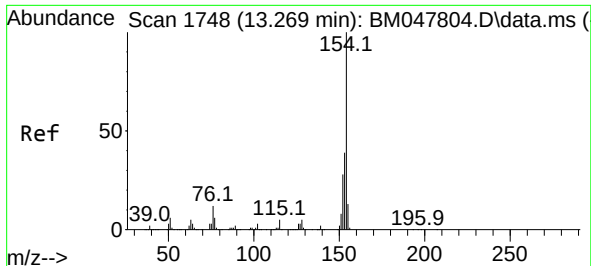
Tgt Ion:142 Resp: 61637
Ion Ratio Lower Upper
142 100
141 94.8 72.5 108.7



#37
1-Methylnaphthalene
Concen: 64.026 ng/ul
RT: 12.474 min Scan# 1613
Delta R.T. -0.018 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

Tgt Ion:142 Resp: 38692
Ion Ratio Lower Upper
142 100
141 82.7 73.4 110.2
116 3.4 3.0 4.6

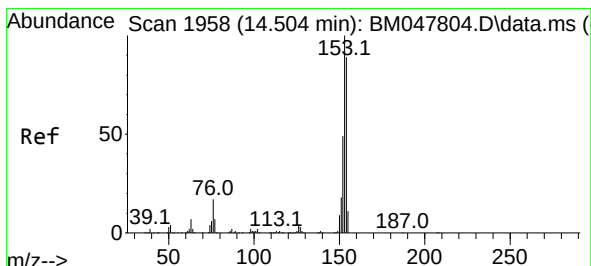
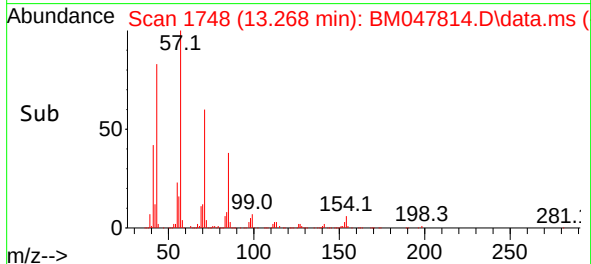
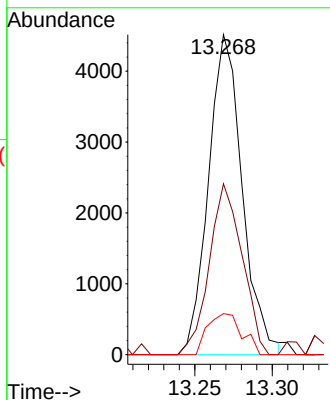
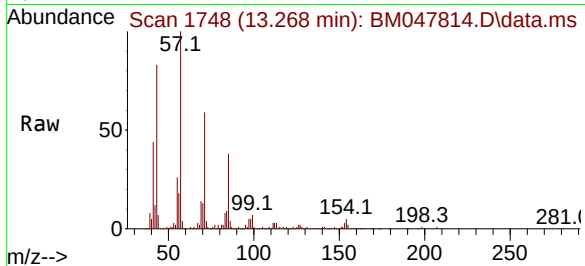




#43
1,1'-Biphenyl
Concen: 7.709 ng/ul
RT: 13.268 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

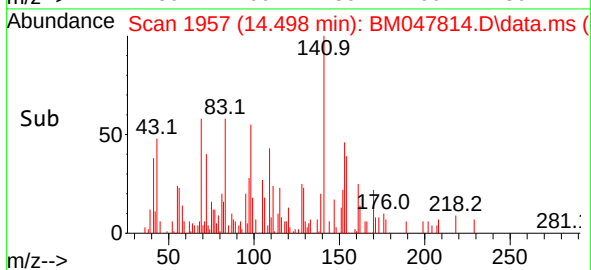
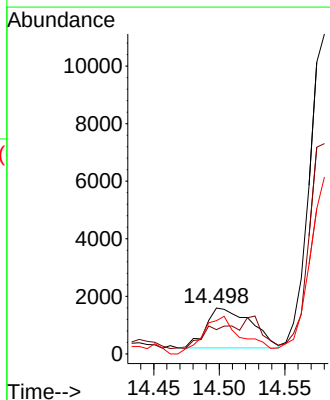
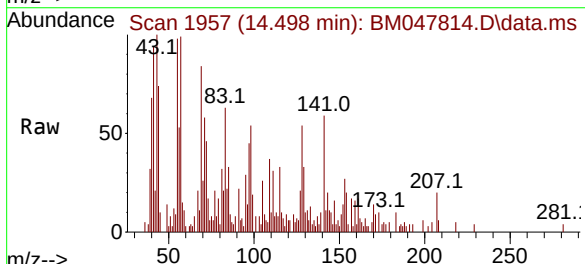
Instrument :
BNA_M
ClientSampleId :
DDCK9DL

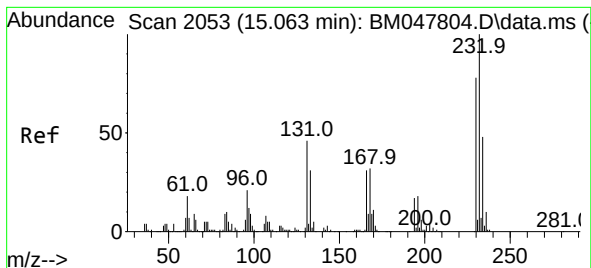
Tgt Ion:154 Resp: 6837
Ion Ratio Lower Upper
154 100
153 53.4 31.1 46.7#
76 12.9 12.1 18.1



#52
Acenaphthene
Concen: 4.346 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

Tgt Ion:153 Resp: 3299
Ion Ratio Lower Upper
153 100
152 53.0 39.7 59.5
154 72.6 72.6 108.8



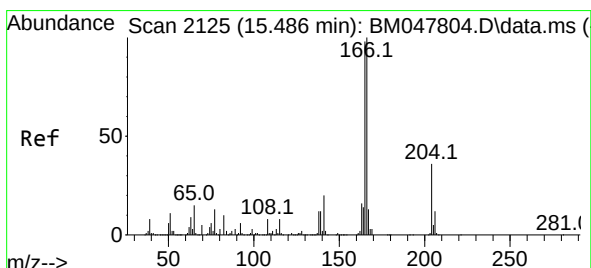
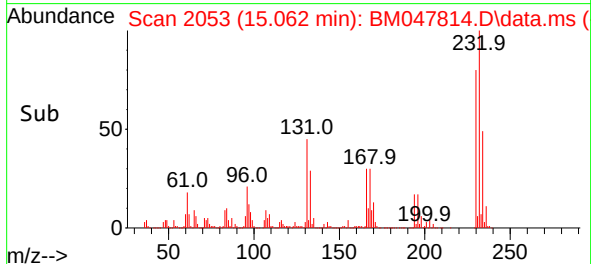
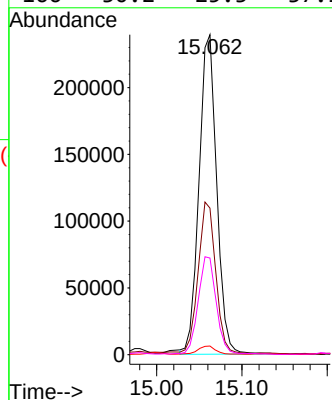
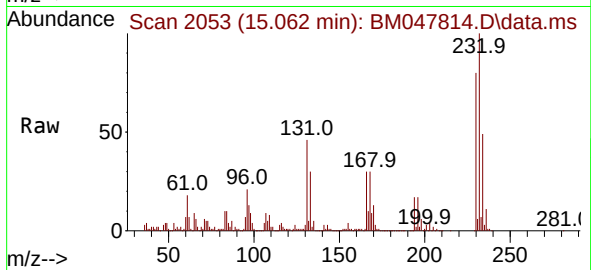


#58
2,3,4,6-Tetrachlorophenol
Concen: 1917.352 ng/ul
RT: 15.062 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

Instrument :
BNA_M
ClientSampleId :
DDCK9DL

Tgt Ion:232 Resp: 344808

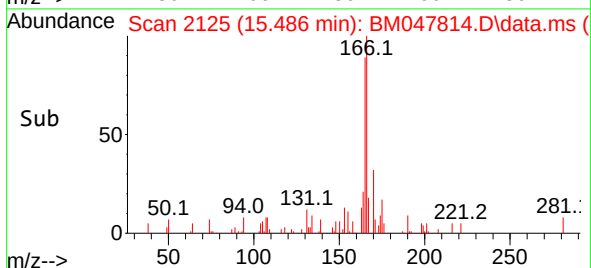
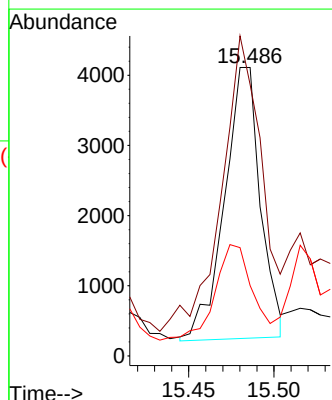
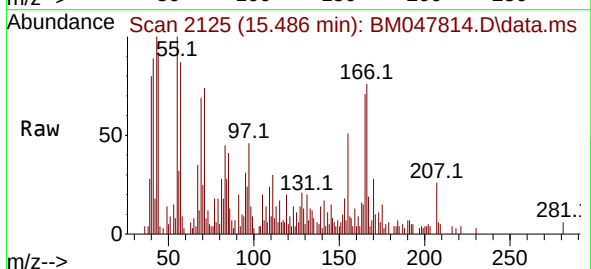
Ion	Ratio	Lower	Upper
232	100		
131	45.8	40.2	60.4
130	2.7	2.6	4.0
166	30.2	25.3	37.9

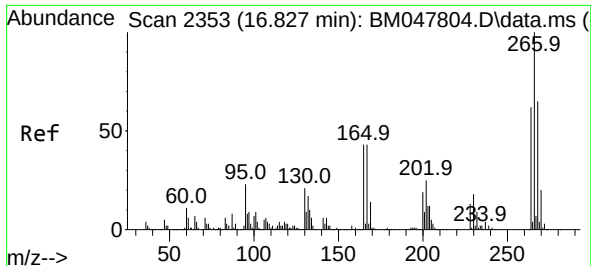


#61
Fluorene
Concen: 6.652 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM047814.D
Acq: 03 Oct 2024 18:39

Tgt Ion:166 Resp: 5671

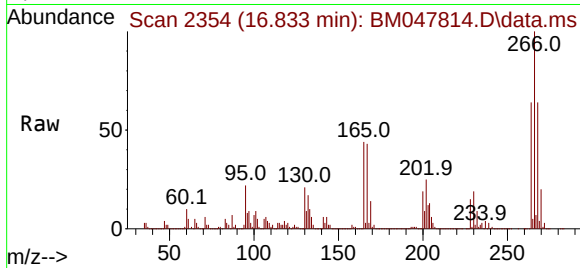
Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.8	116.6
167	24.4	10.8	16.2



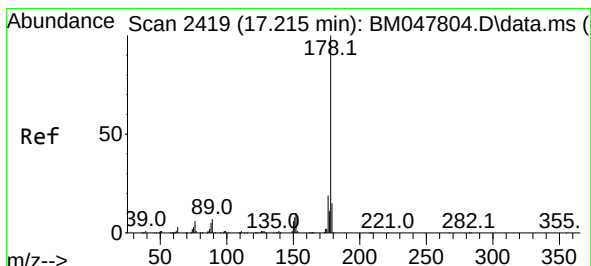
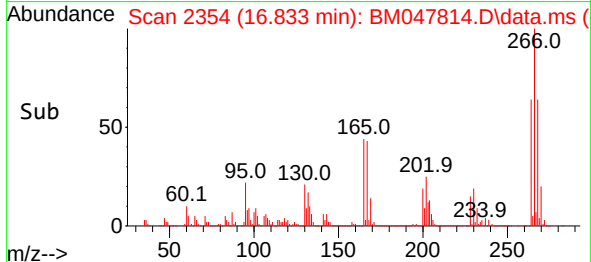
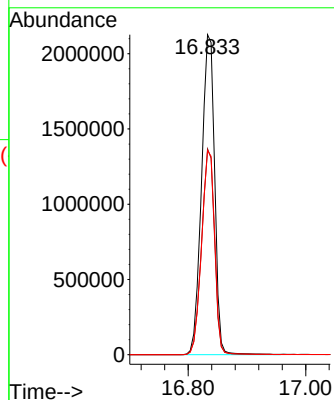


#71
 Pentachlorophenol
 Concen: 19440.647 ng/u1
 RT: 16.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047814.D
 Acq: 03 Oct 2024 18:39

Instrument :
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 DDCK9DL

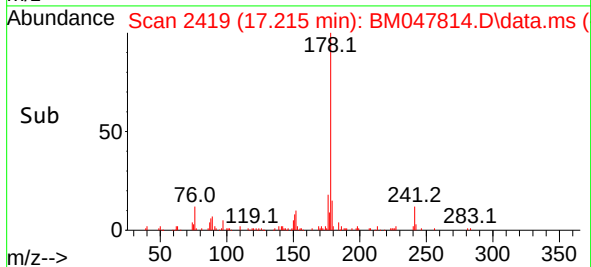
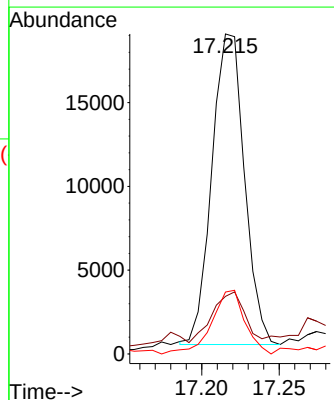
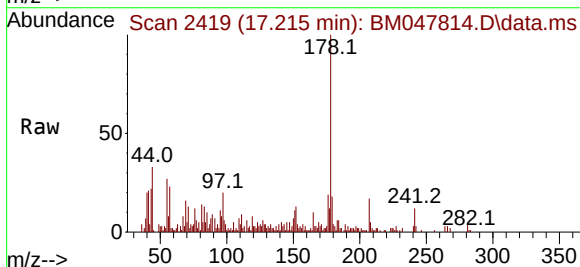


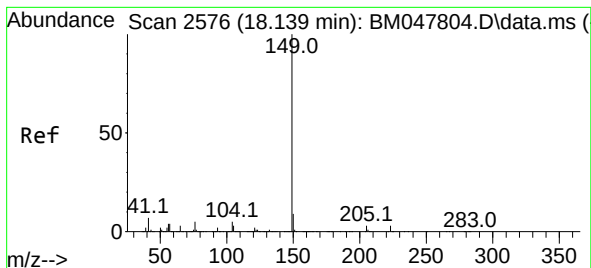
Tgt Ion:266 Resp: 3296124
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.2 75.2
 268 63.8 50.9 76.3



#72
 Phenanthrene
 Concen: 20.778 ng/u1
 RT: 17.215 min Scan# 2419
 Delta R.T. -0.012 min
 Lab File: BM047814.D
 Acq: 03 Oct 2024 18:39

Tgt Ion:178 Resp: 27084
 Ion Ratio Lower Upper
 178 100
 179 18.0 12.0 18.0
 176 19.3 15.4 23.0





#78

Di-n-butylphthalate

Concen: 2.326 ng/ul

RT: 18.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047814.D

Acq: 03 Oct 2024 18:39

Instrument :

BNA_M

ClientSampleId :

DDCK9DL

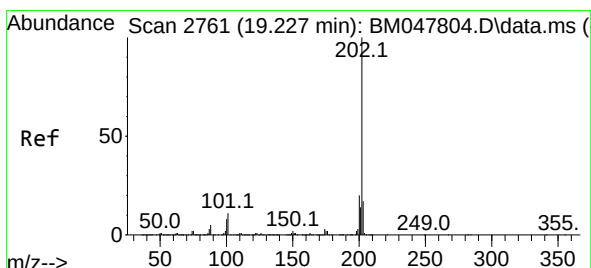
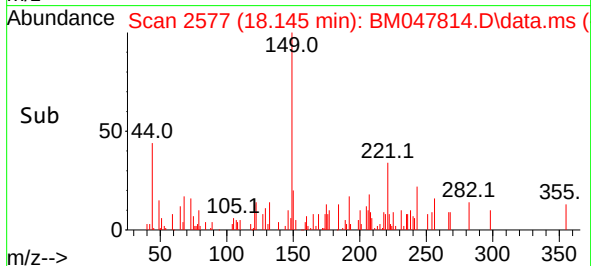
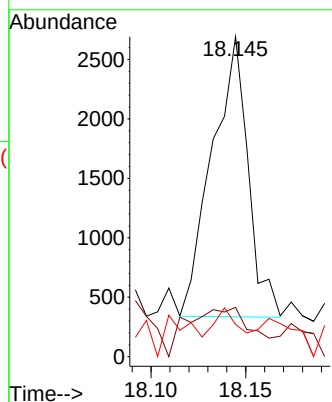
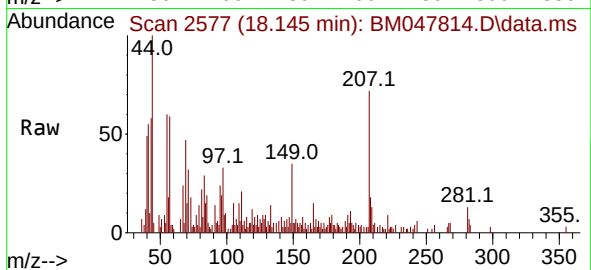
Tgt Ion:149 Resp: 3121

Ion Ratio Lower Upper

149 100

150 15.4 7.4 11.2#

104 10.0 4.6 7.0#



#80

Fluoranthene

Concen: 1.451 ng/ul

RT: 19.221 min Scan# 2760

Delta R.T. -0.018 min

Lab File: BM047814.D

Acq: 03 Oct 2024 18:39

Tgt Ion:202 Resp: 2160

Ion Ratio Lower Upper

202 100

101 28.8 9.0 13.4#

100 14.2 6.8 10.2#

